

Fundação para a Ciência e a Tecnologia

Evaluation Research Unit 2023/2024

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Part 1: Identification of the R&D Unit, Management Institutions, Laboratory Intensity, and Participating Institutions

01. IDENTIFICATION OF THE R&D Unit

1.0 ID number

3127

1.1 R&D Unit name

DINÂMIA'CET-Iscte - Centre for Socioeconomic Change and Territorial Studies

1.2 R&D Unit acronym

DINÂMIA'CET

1.3 R&D Coordinator

Paulo Alexandre Tormenta Pinto

1.4 Main scientific areas of activity

Social Sciences - Sociology

Humanities and Arts - Arts (art history, dramatics, music)

Social Sciences - Social and economic geography

Social Sciences - Economics and management

1.5 Keywords

Ecological and digital transition

Territorial cohesion

Labour, regulation, and inequalities

Housing and urban dynamics

Historical and postcolonial perspectives

Creativity and social change

1.6 R&D Unit address and contacts

- Postal Address:

Edifício 4 - Sala B1. 122 | Iscte - Av. das Forças Armadas
1649 - 026 Lisboa, Portugal

- Telephone Number: 210464031

- E-mail address: dinamia@iscte-iul.pt

1.7 R&D Unit home page URL

<https://www.dinamiacet.iscte-iul.pt/>

02. Evaluation Panel to which the R&D Unit submits the application

2.1 Evaluation Panel to which the R&D Unit submits the application

SOCIAL SCIENCES - Sociology, Anthropology and Geography

2.2 Multidisciplinary evaluation

Yes

Evaluation panel

ARTS AND HUMANITIES - Architecture and Urbanism

2.3 Location for the Evaluation Panel visit to the R&D Unit

- Edifício 4 - Sala B1. 122 | Iscte - Av. das Forças Armadas
1649 - 026 Lisboa, Portugal

03. Laboratory Intensity

3.1 Laboratory intensity

| Laboratory intensity | Intensity description |
|----------------------|---|
| Medium [f=1,1] | R&D unit with archives, libraries or platforms for public use, database infrastructures of national and European value and other equipment and laboratories not falling within the previous "high" definition. DINÂMIA'CET-Iscte (D'C) develops transdisciplinary research to advance fundamental science, tackling societal challenges and informing strategic public policies. D'C accommodates relevant data platforms to support empirical research. In particular, two significant infrastructures were developed as part of a long research track record: (a) The Youth Employment Observatory (YEO) (obsempregojovem.com) is a data and research repository dedicated to the youth labour market, providing regularly updated key data, aiding research with a high impact on society and public policies. It focuses on youth unemployment, quality of youth employment, and labour market policies directed at young labour market participants. (b) LXHabidata (lxhabidata.iscte-iul.pt) is an open data platform that gathers, computes and discloses housing data from multiple sources (Statistics Portugal and others), in various formats, of all Lisbon Metropolitan Area municipalities and parishes. Both platforms require software licenses, technical maintenance and human resource support to research, feed, and analyse data. D'C also hosts Portuguese Linked Employer-Employee Data (QP), a longitudinal dataset annually collected by the Portuguese Ministry of Economy and Employment, comprising around 2 million workers in each year and all private firms and state business sector. D'C labour market research has benefited from this data. QP is available for research through D'C facilities, with two laptops with suitable software (SPSS, STATA) and technical/administrative support. D'C is also one of the national research units participating in the infrastructure "PASSDA-Production and Archive of Social Science Data" (https://passda.pt/en), which collects, archives and disseminates data on social and political attitudes, values, and behaviours, providing open access information, furthering internationalization and interdisciplinarity in social sciences. Additionally, our host institution has a shared data centre to support most of the digital activities of the unit. It requires maintenance and assistance both in terms of hardware (e.g. uninterruptible |

Laboratory intensity

Intensity description

power supply (UPS), hard drives and other components) and software (e.g. firewall licences, virtualization machines and other core elements).

In the coming period, D'C plans to strengthen its data platforms fostering the widening of YEO activities; the development of the Housing observatory, based on LXHabidata platform; and the setting up of a new City-Region observatory providing data and open-source tools to study the dynamic evolution of Lisbon city-region in the context of the socio-ecological transitions. These initiatives require hardware, software, platform development and human resources to develop and manage these structures.

D'C also plans to expand ongoing research streams with the aid of several advanced technological means:

- Multidimensional digitalization of archival sources and built structures, developing (1) digital surveys for architectural and territorial scales (e.g., creating Building Information Modelling interactive databases, laser scanning and photogrammetry for 3D modelling), (2) open databases for the visualization and dissemination of historical archives related to D'C research. These initiatives are aligned with Iscte's proposal for the Visual_Data R&D infrastructure, aimed at innovative forms of visualization and multimodal interaction of various types of digitalized data.
- Use of digital technologies, using Vitruvius FabLab infrastructure, to support social and urban innovation, promoting digital fabrication applied to the empowerment of vulnerable communities and the laboratory testing of parameterization for housing and public space.
- Integration of big data analysis with traditional social sciences methods, providing a more comprehensive understanding of vast and complex interactions, specifically for innovation topics, facilitating evidence-based decision-making and policy formulation.

04. Involved institutions

4.1 Main Management Institution

Iscte Conhecimento e Inovação (Iscte CI-CVTT)

4.2 Other(s) Management Institution(s)

4.3 Partnership agreements with other Management Institution(s)

4.4 Participating Institution(s)

4.5 Partnership agreements with Participant Institution(s)

[Câmara Municipal de Lisboa \(CML\)](#)

[Instituto Politécnico de Lisboa \(IPL\)](#)

[Instituto Politécnico de Santarém \(IPSantarém\)](#)

[Faculdade de Arquitectura da Universidade do Porto \(FA/UP\)](#)

[Faculdade de Arquitectura da Universidade de Lisboa \(UL\) \(FA UL/Ulisboa\)](#)

[Comissão de Coordenação e Desenvolvimento Regional de Lisboa e Vale do Tejo \(CCDRLVT\)](#)

[Instituto Piaget, Cooperativa para o Desenvolvimento Humano, Integral e Ecológico CRL \(IPiaget\)](#)

[Santa Casa da Misericórdia de Lisboa \(SCML\)](#)

[Secretaria de Estado da Cultura - Ministério da Educação \(SEC - TL\)](#)

[ISCTE - Instituto Universitário de Lisboa \(ISCTE-IUL\)](#)

[NOVO DIA, ASSOCIAÇÃO PARA A INCLUSÃO SOCIAL](#)

Part 2: Description of the R&D Unit, main contributions of the team of integrated researchers, External Advisory Board and funding in 2018-2023

05. Description of the main contributions of the team of Integrated Researchers in the current application

5.1 General description of the R&D Unit

DINÂMIA'CET-Iscte (DC), Centre for the Study of Socioeconomic Change and the Territory at Iscte, is a research unit that conducts fundamental and applied research on emerging societal issues, addressing socioeconomic, cultural and political factors that impact and shape the topics being studied. Using inter and transdisciplinary methodologies, DC takes a subject/problem-based approach to generating knowledge, that contributes to understanding the complexities inherent to contemporary challenges and fostering sustainable solutions. It considers the interplay between public and private actors across various domains and within public policies; operates at analytical and normative levels; employs qualitative and quantitative methods; and utilises primary and secondary data to study processes, drivers, patterns, impacts, and actions.

DC comprises three Research Groups (RG): i) Innovation and Labour; ii) Cities and Territories; iii) Governance, Economy and Citizenry, and three Integrating Thematic Lines (ITL) that represent a conceptual and thematic foundation to enhance dialogue and create synergies across the RGs. The 2018-23 period represents a stage of growth for the team (78 integrated researchers now up to 100), which was fruitful for consolidating research across a wide range of topics at the intersection of ITL and RG, and the creation of new projects:

- Sustainable transitions: Innovation and sustainability explored through research projects (IA-INCENTIVOS), the EU global network (EDITS) and EU network (Catalyst) and giving support to the creation of a CoVE for teaching on sustainable issues (Catalyst) coordinated by Iscte.
- Labour, regulation, and inequalities: Higher education expansion and youth labour market projects (BRIGHET, SOLID-JOB) are the foundations of the Youth Employment Observatory. The research on labour quality and value (EurWork, RECON, REVAL, BAROMETER) further enhances knowledge on the labour market challenges and social vulnerabilities (Evaluation of RRP measures).
- Historical and postcolonial perspectives: Post-colonial architecture and modern architecture studies inspired two ERC grants (Advanced-ArchLabour and Starting-ReARQ.IB) and several collective projects (Coast to Coast, F-Atlas). The research deepens internationalisation, involving non-European countries, and influences local policy makers in built-environment design and management policies.
- Housing and urban dynamics: Housing challenges led to the creation of the LXHabidata platform, which offers open access to updated data related to housing in the Lisbon Metropolitan Area. Research in this field has been consolidated through a series of individual and collective projects (Care4housing; MCMH; Cost Action European middle-class mass housing; Covid Gender; SOLVE-H), investigating a diverse range of housing-related issues.
- Territorial cohesion: Urban planning focuses on the Portuguese planning system (SPLACH) and how historical events affected that planning (Grand Projects). Non-urban territorial planning focused on the role of social innovation in rural areas with structural problems such as ageing (RIPDA-Portugal, Envelhecimento Cascais) and depopulation (Ruraction).
- Creativity, science communication and social change: participation in Creative Europe projects (PARALLEL, RESHAPE, Stronger Peripheries), to discuss artistic practices, cultural participation and the structuring of cultural activities in the EU. Policy-oriented projects (cultural masterplans, national sectoral strategies) and knowledge awareness-raising projects (CREATOUR, 4HCREAT) resulted in direct social and political improvements and tackled public engagement with S&T (MORE-PE).
- Doctoral programmes brought new researchers with original themes and methodological approaches. Internationalisation involved European networks in COST Actions (18137, 18214); EU

projects and networks; and the organisation of scientific events.

www.dinamiacet.iscte-iul.pt/resources

5.2 Identification and brief description of up to 5 contributions that the R&D Unit considers to be the most important during 2018-2023 period, from Integrated PhD holder Researchers registered in the current application, independently of the R&D Unit having previously existed or not

DC has strengthened its international outreach through collective research projects, individual grants, publications, scientific events, network-building, and its influence on public policies during 2018-2023. Although the focus was on Portugal, the research included other regions and the subject-based approach facilitated multi-level and multi-country research initiatives. Relevant themes were thoroughly investigated, in what was an intense period for DC researchers whose knowledge and expertise were fully engaged and consolidated; to expand funding resources and develop research to a high international level; to respond to challenges emerging at a national level; and to deepen ties with society in general. The allocation of the two ERC grants illustrates the recognition of the DC's research in cross-disciplinary topics. The creation of the Youth Employment Observatory (YEO) put DC on the public and political map for issues related to youth employment. The period was marked by an intense involvement on the part of DC researchers in the public debate, where they emerged as influential voices, contributing as both opinion-makers and participants in discussions on significant contemporary issues. DC researchers continue to further develop close ties with society either as expert advisors in problem-solving, or to co-construct projects and knowledge with the stakeholders. The expertise has been effective enough to have influenced the design of public policies at EU, national, and regional levels. DC members seamlessly integrated research related to the pandemic, which shows their ability to explore emerging themes that were not foreseen in the original plan.

(1) The work on architecture received support from two ERC grants, one advanced (ArchLabour) and a starting grant (ReARQ.IB). Research on historical and postcolonial perspectives has also been conducted through other projects: UrbanoScenes; ARCHWAR; WomArchStruggle; ARCHNeed), some of which illustrates the prolific interaction between architecture and labour issues that characterise two RG of DC. The history of Portuguese architecture in comparison to other countries has also received wide attention and public recognition (the exhibition Art and Architecture between Lisbon and Baghdad: The Calouste Gulbenkian Foundation in Iraq, 1957-1973; Arquitectura Aqui - Community, Proximity, Action: Collective-use Facilities in Portugal and Spain 1939-1985). The latter illustrates the sharing and co-production of knowledge with the communities.

(2) Major changes have received widespread attention and sustainable transition remains a focal point of interest to numerous members due to its overarching theme of sustainability. Research on climate change has received international recognition as is proven by the inclusion of DC work in the latest IPCC report and the launch of new global research initiatives such as EDITS. Involvement in projects including Sus2Trans and OceanTrans provided pathways to decarbonisation. Participation in studies on low energy demand scenarios (A low energy demand scenario for meeting the 1.5 degrees C target and sustainable development goals without negative emission technologies published in Nature Energy), has had a significant impact. Additionally, the research looked into how market-pull policies, alternative financing (e.g., crowdfunding) and corporate behaviour can support the shift towards low-carbon societies, being recognised in the Research Awards for papers with a societal impact by the Financial Times in 2024 (Determinants of internal carbon pricing).

Additionally, sustainable transitions encompass various subthemes such as technological innovation and digital transformation; risk regulation and the digital era; urban planning and environmental issues; social innovation and social cohesion; and food production. The topic has spurred a set of projects and publications, showcasing DC researchers' expertise on both national and international stages. (Granular technologies to accelerate decarbonization published in Science).

(3) Youth studies led to the creation of the Youth Employment Observatory (YEO), which was a major outcome of the research on labour, regulation, and inequalities. It was supported by two FCT project grants: BRIGHET, that addresses the impacts of higher education expansion, and SOLID-JOB that deals with the dualisation resulting from precarious employment, emphasising the importance of solidarity to bridge the quality gap between generations. The YEO has massive public and political visibility. The first seminar focused on the paper "Moving beyond supply-side arguments to explain over-qualification: The ability to absorb graduates in different models of capitalism", which raised the issue of the mismatch between the pace of supply of a skilled workforce after higher

education expansion and the persistent tendency of the Portuguese productivity system to lead to a wasting of much needed skills. It is now a matter for debate in the political discourse and in proposals addressing the need to transform the Portuguese production framework. Research developed within BRIGHET integrated the impacts of the pandemic on transition of young graduates into the labour market across European and non-European countries.

DC members are active in contributing to arguments on economic downturns and how they affect social inequality in Portugal and EU countries through the political economy sphere. Their goal is to add an interdisciplinary view of economic issues to the political and public agenda, hosting scientific and social events as part of the Portuguese Association for Political Economy (<https://www.economiapolitica.pt/sobre?lang=en>). Students from the master's in Political Economy also play a pivotal role as active disseminators of political economy knowledge and ideas through a student publication (<https://pestudentsjournal.wixsite.com/home>).

(4) The social, political, and academic importance of territorial /urban dynamics related to housing issues has notably escalated in Portugal and beyond and led to the creation of the LxHabidata platform. This filled a fundamental gap on the local and national scene, resulting in the provision of an important public service, making available (open source) information that has been used by citizens, students, researchers, and members of the housing sector alike, both public and private. This momentum has significantly influenced the public discourse and has been further driven by research conducted by the DC. Several research projects received funding (Re-dwell, Care4Housing), notably the COST ACTION (CA) 18137 - European Middle-Class Mass Housing, coordinated by DC members. National and international publications attest to several interconnections relating financial issues with housing, including precariousness and access; governance and policies, including for public housing; innovative solutions and emerging living models; tourism, and other phenomena influencing urban and territorial dynamics. CA 18137 led to the production of four books which were launched at the CCB, Lisbon (<https://mcmh.eu/>). The impacts of the pandemic were immediately addressed by DC members concerned with housing issues. The project COVID Gender: How to stay at home? has brought housing precarity to light, and its link to care provision and inequalities in the fight against COVID-19 in troubled neighbourhoods in the Lisbon Metropolitan Area. The project ESPON COVID explored the territorial impacts and policy responses in EU region and city research. Joining the team of CA 18214 (The geography of New Working Spaces and the impact on the periphery) allowed new lines of research on the impacts of the digital transition and COVID effects on workspaces and ways of working in Portugal and Europe.

(5) The research on creativity in social change is particularly open to collaboration with stakeholders and the co-production of knowledge. It has been developed in a vast number of ways, as cultural diversity and social polarisation have grown in contemporary societies and artistic and creative practices can be seen as a powerful instrument for driving social change and assume a new central role in the cultural negotiations that territories and communities face in the present day. Aiming to expand our knowledge on the multidimensionality of value(s) in cultural activities and their territorial impacts, the DC team developed a DIY toolkit for self-assessment of the impacts of cultural activities, intended for cultural institutions and creative agents (<https://diycultureimpact.com>), which is the result of research developed across diverse projects, both European and national (RESHAPE, CREATOUR, Impactos-AR, ARTSBANK, Stronger Peripheries). The DC's work on cultural participation, peripheries and territories (and on the use of artistic practice as a methodological tool) has been pursued over multiple projects (Stronger Peripheries, PARALLEL, ARTSBANK, Lousal) and a PhD Thesis in this same period, as well as specific urban interventions. Direct co-construction of knowledge in policy-oriented projects (Cultural Masterplan Oeiras, ICA's national cinema strategy) and direct collaboration with cultural institutions and stakeholders has been contributing to the exploration of new concepts, methodologies and series of data that are fundamental to understanding and acting on the new challenges that the cultural and creative sectors face today.

5.3 Main publications in 2018-2023 by Integrated PhD holder Researchers registered in the application

| Reference | URL |
|---|---|
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- Bento, N., & Gianfrate, G. (2020). Determinants of internal carbon pricing. *Energy Policy* 143 (2020): 111499. <https://repositorio.iscte-iul.pt/bitstream/1007...>
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- David, N. (2023). Implementations, interpretative malleability, value-ladenness and the moral significance of agent-based social simulations. *AI and Society*, 38 (4), pp. 1565 - 1577. <https://repositorio.iscte-iul.pt/bitstream/1007...>
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5.4 Description of other relevant activities carried out in 2018-2023 by integrated PhD holder researchers registered in the application

This report reflects the DC team's growth (78 to 100 members). Additionally, the team consists now of 20 full-time researchers, a figure twice as high as in the previous period, who are involved in a wide range of activities that demonstrate the DC's sensitivity to contemporary issues and challenges. Such activities involve strategies to create conditions for the research, which include partnerships, national and international networks, applications for grants, diversification of funding resources, and training of prospective researchers. Joint applications at European or regional level include Horizon Europe, Interreg Sudoe, ESPON, Creative Europe, EEA Grants. In the case of collective projects, 52% consisted of non-national partners from 17 countries, by 2023.

The partnerships focus on European and transcontinental subjects related to architecture, arts, housing, labour, industrial relations, migration, urbanism, social cohesion, sustainability, ecology, citizenship, science, and institutional issues. DC Researchers are members of 30 networks on specific topics. The researchers have already benefited from these networks, particularly in projects and conferences (ISM; EDITS Annual Meeting; ECRM; ECKM).

DC members have been active in EU applications and are involved in 9 Cost Actions. CA 18137 - 'European Middle-Class Mass Housing' was coordinated by DC members. CA 18214 - 'The Geography of New Working Spaces and the Impact on the Periphery' has two Management Committee DC members. Others involved the participation of various researchers (CA 16230; CA 18110; CA 18126; CA 18129; CA 18213; CA 19129; CA 21125).

Applications to EU funding, as well as to other institutions, is a never-ending process, in order to access financial resources from a variety of sources. DC has been strongly committed to seeking international recognition for its research, which has resulted in a diversification of funding sources, for its individual and collective projects, and to attract foreign students and visiting researchers. This internationalisation drive was reinforced thanks to two ERC grants (advanced and starting); international grants for collective projects (RITE); and several from the EU (2 Horizon 2020 - MSCA; 2 Creative Europe; EACEA; 2 EEA Grants); visiting researchers from EU and non-EU countries (83) and foreign students in master's and PhD programmes. Researchers have also been awarded (7) CEEC (Individual Call to Scientific Employment).

DC is engaged in 4 PhD programmes (architecture, urban studies, economics, and political economy) and is launching a new programme (on the transition to sustainability). Within this field, DC has been the host institution for academic training and integrated 25 FCT grantees, including 4 programmatic funding recipients and MPP2030-FCT PhD Grant recipients. DC hosts other students from post-graduation degrees as part of a greater articulation between research and advanced training at Iscte. The DC has continuously hosted students from abroad (e.g. Doutorado-Sanduiche and Erasmus programmes), visiting researchers (e.g., COST action members and Erasmus+) and, has currently 4 full-time non-national researchers, attracted by the quality of research within our inter- and transdisciplinary environment. Additionally, several initiatives have reinforced links between research and advance training, as the set-up for research nuclei, platforms for students to meet and develop their work alongside DC researchers and on-going projects (architecture); PhD open days, public open sessions for discussing and presenting on-going and completed works (architecture, urban studies); seminars with experts (political economy).

The interaction between the academic community and the broader public has been implemented along different channels:

1. Meetings of DC members: on a yearly basis, DC hosts a thematic workshop that allows members to share their research internally and with a wider audience, within and beyond Iscte. Alongside these presentations, a book on the proceedings compiles the abstracts of studies presented in the course of the workshop. A one-off scientific event was organised to celebrate the 10th anniversary of DC (as regards the merger of the two units that gave rise to it), with the publication of a book presenting a number of papers in full: *Entre transições: Retrospectivas - transversalidades - perspetivas*.
2. Building awareness among the academic community through scientific publications and national and international events: between 2018-2023 were published: 20 international and 182 national books, along with 424 indexed articles in journals and proceedings. 250 scientific events were organised to make project findings generally available, to organise lectures and seminars for students, and to invite international experts to debate emerging topics. The subjects covered by those events include: climate change (EDITS; GFIC); digital transformation and its relationship to law (RCSL; SDJ2018); religious architecture (Architectures of the Soul confs.); urban and housing topics (Grand Projects conf.; Community Land Trust conf.; Territorial Cohesion Trends and Policies conf.; PNUM); social innovation (ISM 2023; GFIC 2019); social inclusion (Political Economy of the European Peripheries; Women, Work and Citizenship conf.); ageing (Journeys on ageing); economic growth and political economy (Political Economy conference Series); youth labour market (Observatory confs.), skills and employment policies (BRIGHET; Work without borders); law and specific areas such as citizenship, social security (Social Security Law Luso-Spanish conf.); business and innovation (ECKM 2023; ECRM 2023); cultural and creative issues and related policies (4H-CREAT meeting; Stronger Peripheries conf.). These events include winter and summer schools, sometimes incorporated within PhD programmes, and talks.
3. Other publications: some publications covered historical events and were published in a photography book (*Image and Propaganda in Portugal: 1934-1974*); or Reports on the colonial period in Africa (*Colonial Public Works in Angola and Mozambique, 1875-1975*). Exhibitions were another means of raising awareness. "Living in Lisbon" at Belém Cultural Centre showed architectural housing strategies implemented in Lisbon over 50 years of democracy; and "Arquitecturas em Português: Diálogos Emergentes" a video-exhibition of Portuguese-speaking architects, UIA in Rio de Janeiro.
4. Portuguese and European open science strategies: DC publishes *Cidades, Comunidades e Territórios* (Scopus), a bi-annual and Open Access scientific e-journal published since 2000, which doubled its publication run between 2021-2023. DC also releases *Passagens*, an annual journal that intercalates architecture with other areas, and sponsors the Portuguese Journal of Social Science (Scopus), published since 2002. The publications from projects with public funding are available in institutional repositories. Some steps are being taken to get up and running essential open data management planning as proposed by the OpenAIRE initiative, namely through Zenodo and the ARGOS platform.
5. Co-production of new knowledge: involving stakeholders in the research field, knowledge testing within communities, empowering communities and transforming the resulting data into future project design are examples. In some research projects, stakeholders participate in primary tasks, namely the design of the projects, and participate as knowledge co-constructors (CREATOUR; 4H-CREAT).
6. Translating science for non-specialised audiences: outdoor initiatives such as the European Researchers' Night; and welcoming young researchers on campus through Summer with Science funding programme (2021, 2022) can be highlighted. The science podcast *Diary of a Researcher* continues to bridge the gap between academia and general audiences. Members of DC participate in radio podcasts "90 Segundos de Ciência," a daily programme on Antena 1 that seeks to broadcast the research being developed in Portugal. The work of the DC is receiving wide attention in the media and often researchers are invited to host themed and other professional workshops, debates on varying subjects and comment on specific developments. The Youth Employment Observatory publishes policy briefs based on research developed on youth issues.
7. Technical expertise and public policies: this includes public policy design or formulation and assessment, cultural/artistic outputs, and direct "work", such as consultancy, architectural projects, or legal advice. The DC contributed to the passing of two French laws, the PACTE Law, requiring employees to be represented on corporate boards, and the Duty of Vigilance Act, under discussion for approval at European Union level. In terms of research and innovation policies, the work of DC contributed directly to the preparation of the Portuguese Government's Global Evaluation Plan for the period 2021-2027.

8. DC website: under redesign to improve the unit's visual identity; to make it more user-friendly, facilitating navigation; to accommodate new communication channels such as podcasts and interviews. This is part of major plans for a new DC digital communication strategy.

DC places a priority on ethical, equal principles of behaviour, which is integral to all the activities developed by unit members. To this end, DC follows the Iscte rules and regulations regarding data collection, storage, confidentiality, and plagiarism, defined in the code of conduct. DC subscribes the Iscte gender equality plan for 2022-2025. DC research also takes into consideration data protections and the associated risks, which merited appropriate research and discussion, subsequently published as scientific papers (The risk-based approach under the new EU data protection regulation: a critical perspective; Law-Technology Lag or Law as Technology in the Big Data Age).

5.5 Explain to what extent the proposed activity plan for the period between 2018-2023 was fulfilled, indicating and justifying any deviations from this plan

The DC's major commitment to internationalisation has been largely fulfilled and often surpassed, in terms of the individual and collective grants awarded; awareness and network-building; and its attractiveness to visiting researchers and post-graduation students. The period was marked by the pandemic, which affected some activities, but the researchers found solutions to continue to implement the plan. The 2018-2023 research period covered all the major topics related to sustainable transitions; spatial planning and issues related to tourism and gentrification; job and work quality; risk regulation; and financialisation. Additionally, unexpected outcomes thanks to the pandemic were adapted to, illustrating the responsiveness of researchers in accommodating emerging themes unforeseen in the original plan.

The commitment to internationalisation has been a constant at DC: it regularly contributes to the payment of registration fees for internationalisation networks and increased funding to strengthen international connections to all members; provides incentives and technical assistance to foster submissions for research proposals; and there is a PhD graduate science officer who offers advice on funding opportunities, helps to locate funding resources, as well as creating research teams and networks, and provides guidance for the completion of administrative tasks. Members of the board actively encourage researchers and help them in the overall design of proposals. Coordinators of suitable research proposals receive a financial reward as a recognition and incentive to submit to further applications.

This period was also successful in terms of publication in indexed peer-reviewed journals. The amount of publications in international journals (397), particularly those that were peer-reviewed, and international and national books (202) illustrates the scale of research and sharing of findings taking place. Academic impact factors follow the rules of Iscte, using basic quantitative impact factor methods and citations in WoS and Scopus journals. In terms of scientific impacts, DC has followed the Iscte directive of rewarding citations of publications in Q1 WoS and Scopus journals. DC, in line with Iscte strategy, encourages researchers to make pre-print copies available on a scientific platform (e.g., CIÊNCIA-IUL; Researchgate).

The social impact of research is a growing concern of DC. A task force is currently defining criteria to assess social impact at the DC Annual Workshop, that debated a tripartite multi-level assessment strategy: a more indirect social impact; an evaluation of the application of results and their relevance to action; and a more focused evaluation of the co-production of knowledge and co-construction of results.

Scientific media profiles continued to receive special attention and were consolidated in different ways. A PhD graduate science manager is now responsible for developing this content; the Iscte webpage includes a section on the engagement of each researcher with the media; and researchers participate in DC podcasts. Media content has been reinforced with DC's bi-monthly newsletter. It attempts to broaden audiences and reach social actors interested in research on socioeconomic change and its impacts.

The doctoral programmes proved to be an important resource for young researchers and forums for fresh ideas, as several students became research assistants at DC. A doctoral programme on Territorial Planning was already planned for the 2018-2023 period. However, during the discussion of the syllabus, plus research carried out in the meantime, and social, economic, and political demands suggested a broader programme integrating territorial planning, but within the framework of sustainable transitions. The rolling out of the PhD programme Transitions for Sustainability will take place in 2024-2025.

06. Reports and composition of the External Advisory Board

6.1 Reports of the External Advisory Board in 2018-2023

| R&D Unit | File |
|-------------------|--|
| DINÂMIA'CET-Iscte | CEPAC_DINÂMIA'CET_2020_sign.pdf |
| DINÂMIA'CET-Iscte | CEPAC_DINÂMIA'CET_2023_sign.pdf |
| DINÂMIA'CET-Iscte | CEPAC_DINÂMIA'CET_2019_sign.pdf |
| DINÂMIA'CET-Iscte | CEPAC_DINÂMIA'CET_2018_sign.pdf |
| DINÂMIA'CET-Iscte | CEPAC_DINÂMIA'CET_2021_2022_sign.pdf |

6.2 Composition of the current External Advisory Board

| R&D Unit | Member Name | Institution | Country |
|-------------------|----------------------------|--|----------|
| DINÂMIA'CET-Iscte | Ana Santos | CES- Centre for Social Studies of the University of Coimbra | Portugal |
| DINÂMIA'CET-Iscte | Yankel Fijalkow | CRH - Centre de recherche sur l'habitat - LAVUE CNRS | France |
| DINÂMIA'CET-Iscte | Manuel Mira Godinho | REM - Research in Economics and Mathematics - ISEG - Institute of Economics and Management - Lisbon University | Portugal |
| DINÂMIA'CET-Iscte | Carolina B. Garcia-Estévez | LoG - Xarxes Transnacionals de l'Art i l'Arquitectura Moderns: Local-Global - Universitat Politècnica de Catalunya: Barcelona, Catalunya | Spain |

07. Funding during 2018-2023

7.1 Annual funding in 2018-2023

| FUNDING SOURCES (TOTAL FUNDING) | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | TOTAL (K€) |
|---|------|-------|------|-------|-------|-------|------------|
| Fundação para a Ciência e a Tecnologia, I.P. - FCT | 649 | 758 | 702 | 819 | 1.255 | 1.162 | 5.345 |
| R&D Unit Pluriannual funding (base and programatic) | 35 | 47 | 124 | 173 | 170 | 181 | 730 |
| R&D Project funding | 287 | 407 | 288 | 274 | 455 | 304 | 2.015 |
| Funding for contracts of researchers with PhD (1) | 160 | 170 | 220 | 263 | 370 | 401 | 1.584 |
| Scholarship funding for PhD, PostDoc or other fellowships (2) | 164 | 131 | 70 | 109 | 255 | 276 | 1.005 |
| Other funding | 3 | 3 | 0 | 0 | 5 | 0 | 11 |
| Other national sources | 168 | 203 | 11 | 126 | 211 | 53 | 772 |
| Funding received from Participant or Management Institutions | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total (K€) | 881 | 1.049 | 986 | 2.070 | 1.862 | 3.122 | 9.970 |

| FUNDING SOURCES (TOTAL FUNDING) | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | TOTAL (K€) |
|---|-------------|--------------|-------------|--------------|--------------|--------------|-------------------|
| Public sources (3) | 95 | 35 | 0 | 78 | 186 | 37 | 431 |
| Companies, industry and other private sources based in Portugal (3) | 0 | 81 | 5 | 36 | 13 | 7 | 142 |
| Any other funding source (3) | 73 | 87 | 6 | 12 | 12 | 9 | 199 |
| International sources | 64 | 88 | 273 | 1.125 | 396 | 1.907 | 3.853 |
| European Commission (3) | 29 | 72 | 96 | 902 | 289 | 1.834 | 3.222 |
| Companies, industry and other private sources not based in Portugal (3) | 0 | 8 | 0 | 0 | 32 | 56 | 96 |
| Other funding sources (3) | 35 | 8 | 177 | 223 | 75 | 17 | 535 |
| Total (K€) | 881 | 1.049 | 986 | 2.070 | 1.862 | 3.122 | 9.970 |

(1) Paid through an institution or directly to researchers with PhD integrated in the R&D Unit

(2) Paid directly to fellows, researchers or students integrated in the R&D Unit

(3) Grants, projects, fellowships, prizes received, etc

08. Integrated PhD holder Researchers, PhD Students and Total Research Contracts in 2018-2023

8.1 Integrated PhD holder researchers, PhD students and total research contracts in each year in the period 2018-2023

| Researchers and students | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|
| No. of integrated PhD researchers | 89 | 100 | 106 | 113 | 114 | 107 |
| No. of PhD students supervised by PhD integrated members of the R&D Unit (ongoing) | 65 | 78 | 84 | 98 | 113 | 67 |
| No. of PhD students supervised by PhD integrated members of the R&D Unit (concluded) | 6 | 4 | 8 | 10 | 8 | 11 |
| No. of contracts with national public or private entities | 15 | 19 | 23 | 29 | 37 | 25 |
| No. of contracts with international bodies | 6 | 6 | 6 | 10 | 7 | 13 |

8.2 Measures implemented in the development of scientific careers

DC is aligned with Iscte and Associate Lab (AL) strategies to create a favourable environment for researchers at all stages of their careers, particularly focusing on integrating early career researchers and providing avenues for professional growth and development. Attracting and retaining talented and skilled science professionals has, therefore, been a constant objective. This involves multifaceted approaches that effectively align institutional directives with the unit's strategic choices. To address the issue of precariousness among doctoral researchers, Iscte prioritised the creation of more tenure-track positions, which provide stability and career prospects for researchers. The implementation of the Iscte Scientific Career Regulations in 2020, to be republished in 2022, as well as researcher performance evaluation systems and service regulations, provided a framework for career development and a little more stability in the research units. In order to make research an attractive career option, Iscte has created tools for building autonomous scientific careers, closely linked to teaching careers.

The R&D internationalisation strategy has been crucial for career development by consolidating Iscte's international reputation as a research-oriented institution, creating conditions to attract and retain more talent, increasing opportunities and leadership of R&D initiatives on a global scale, and promoting excellence in research and open science practices according to the highest standards of

rigour and integrity with potential for impact. An example of this is Iscte's participation in the "Science of Excellence" pillar of the European Framework Programme for Research and Innovation, with more than 30 projects in the last 5 years, including 4 ERC grants.

DC has clearly contributed and benefited from this strategy, and the two ERCs and several international projects are the proof. To further capitalise on this achievement, specialised consulting and assistance has been provided to researchers for: i) the preparation of applications for international competitions; ii) to engage in international research projects; iii) to take the lead in competitive collective proposals; iv) to increase individual applications for funding. Through initiatives such as the Institutional Scientific Employment Stimulus Programme, DC managed to retain 16% of its integrated researchers and has promoted the involvement of researchers in management bodies, such as in scientific committees or the board of directors, ensuring their active participation in decision-making processes. Although only doctoral researchers sit on the unit's scientific council, the other members have also been invited to take part in assemblies, albeit without the right to vote. The DC's management team has also been fundamental in providing extensive support to the entire group of researchers, regardless of their positions. Essential for PhD students has been the financial support given for participation in international scientific meetings to present research findings, networking and facilitate collaborations, as well as the support for publications or other products related to their research, such as exhibitions. The aim of these supportive measures is not only to maintain an internal strategy focused on inclusively sharing funding and sponsorship opportunities for early-career researchers, but also to foster a dynamic and horizontal research environment to contribute to the advancement of knowledge and innovation by nurturing a thriving research team.

Part 3: Research team with links to CVs and ORCID registry

09. Lists of researchers in the current application

9.1 List of Integrated PhD holder Researchers in the R&D Unit

| Name | Nuclear CV | Dedication % | ORCID iD |
|--|------------|--------------|-------------------------------------|
| Paulo Alexandre Tormenta Pinto (Coordinator) 2918-BC00-5067 | ✓ | 40 | 0000-0003-2867-5790 |

Participation in the R&D Unit

- Has contract or link with a Portuguese institution? Yes
- Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality: Contrato de trabalho em funções públicas por tempo indeterminado em regime de «tenure»
- Professional category: Docente Universitário - Professor catedrático
- Retiree? No
- Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

Narrative CV

- Scientific and professional profile and career: After graduating in architecture in 1993, he completed his master's degree 'The Culture of the Metropolis' (1995-96), in Barcelona, coordinated by Ignasi de Solà-Morales. The influence of the Catalan historian and philosopher was decisive for his future path. The transdisciplinary debate in the field of contemporary

culture, structured the methodological bases followed in his teaching and professional activity. The PhD, completed in 2004, delves into the period of the Portuguese dictatorship through the 'inconvenient' architect Cassiano Branco. The thesis, published in three book editions (2007, 2015 and 2020), presents itself as a contribution to the debate on architecture as part of the ideological construction of history.

His teaching activity began in 1997. In 2006 he joined ISCTE as an assistant professor. Since then he has coordinated several curricular units and research projects, and is currently a full professor of architecture. Within the structure of the institution, he has taken on several positions, namely director of the Department of Architecture and Urbanism, deputy director of the School of Technology and Architecture and, recently, director of the Dinâmia'CET Research Unit.

In 2011, he coordinated the creation of the doctoral programme 'Architecture of Contemporary Metropolitan Territories'. This programme has been a platform to reinforce the relationship between architecture, urbanism, landscape, and art. In 2013 he founded the scientific journal 'Passagens', as a vehicle for disseminating research.

As principal investigator (PI), he led projects related to architectural and urban culture. In this field, international networks have been explored, namely as FCT visiting researcher at the Università della Svizzera italiana, and CAPES visiting professor at the University of São Paulo. Since 1994 he has also had an intense professional career as an architect, authoring several projects most of them published and distinguished internationally.

- Contributions to science and society:

1. Contributions to the generation of new ideas, tools, methodologies or knowledge: Main contributions result from investigations into the relationship between ideology and theoretical discourse in architecture and urbanism. The research work carried out aims to decode territorial ruptures and discontinuities, caused by political and technological transitions, which affect social cohesion.

Articles as 'Cassiano Branco. Modern Visions of an "Inconvenient" Architect' (Pinto, P. T. 2016), published in Docomomo journal, 'Portugal dos Pequenitos as Urban Laboratory for Rehearsing National Identity' (Pinto, P. T; Et. Al, 2019), published in Nations and Nationalism journal, or 'From Monumentality to Diversity - Lourenço Marques between the urban plans of Aguiar and Azevedo (1950-1970)' (Pinto, P. T; Et. Al, 2019) published in Planning Perspectives journal, reflect the investigations into the role of architects and architecture during the Portuguese dictatorship (1926-1974). The propaganda of nationalism was reflected in the architectural expression of buildings and in the urban design of Portuguese metropolitan and colonial cities. The paradoxes of the time emerge in the interaction between architectural productions and the sense of modernity, inducing tensions between technicians and the regime. Through the texts it is possible to delve deeper into these aspects that underlie the characteristics of the Portuguese urban landscape in the second and third quarters of the 20th century.

The book chapters 'Nuno Portas and the Spanish influence on the definition of housing policies in Portugal in the period of democratic transition' (Pinto, P. T; Et. Al, 2021), or 'Lisbon housing laboratory - 50 years of contingencies' (Pinto, P. T, 2023), published, respectively, in 'Crossing frontiers: International networks of Spanish architecture (1939-1975)' and 'Living in Lisbon. An Architectural View on Housing Challenges', address issues of housing policy in the democratic period, aimed at filling the housing deficit that occurred shortly after the Carnation Revolution (1974). The transition from a direct democracy to a representative democracy must be seen as a particular moment, where several experiments were carried out with the aim of exploring the relationship between architecture and social participation. The articles also map housing programmes launched over the last five decades, focusing on aspects of social architecture provided by these policies.

'The 'Expo 1998 Lisbon: the impact of a planned legacy' (Pinto, P. T; Et. Al, 2023), published in the Bulletin of the Bureau International des Expositions, and the edition of the book 'Os Grandes Trabalhos e o Desejo da Cidade de Exceção: Duas décadas de

transformação urbana e arquitetónica em Portugal' [The 'Grand Projects and the Desire for the City of Exception: Two decades of urban and architectural transformation in Portugal'] (Pinto, P.T. Et Al. 2024), frames the influence of the 1998 Lisbon International Exhibition on urban planning in Lisbon and medium-sized Portuguese cities. The so-called 'urban project' tool, framed in the urban experiences of Barcelona during the 1992 Olympic Games, served as the basis for a renewed theoretical approach to urban planning, that brought together the technicians and politicians in programs to improve the quality of life in cities.

The investigation on millennium urban transition, analysed through Álvaro Siza's practice, questioning the role of the Pritzker Prize Architect facing the urban gentrification process. In the book chapter 'Álvaro Siza, "Afinal o grande edifício é a cidade. Tecido - Monumento"' [Álvaro Siza, "After all, the great building is the city. Fabric - Monument"] (Pinto, P. T; Et. Al, 2023), the methodology of the Porto School master is questioned, based on the links established between his interventions, the urban fabric, and memories of architectural culture, as a way of creating morphological continuities and legibility in territories.

Scientific production has critically supported architectural production, where some projects stand out. The Rehabilitation of the Public Space in the Lagarteiro neighbourhood, in Porto (2008-2011), which was awarded by the National Institute of Housing and Urban Rehabilitation, in 2012, provided the integration of the social housing set, built in the 1970s, with its urban surroundings. The rehabilitation project for Condestável Avenue, in Tomar, which received the 'Sustainability and Research' Prize from the Order of Architects of Portugal, also contributed to the urban improvement of the main boulevard providing access to the city centre. The accessible path to Basilica da Estrela, in Lisbon, is a delicate intervention in the east wing of the national monument, built in the 18th century. The project was nominated for the Mies Award 2022, and was also a finalist for the FAD Award 2022. The House in Santa Isabel project was also nominated for the Mies Award, in the 2024 edition, which distinguishes the intervention in this 19th century building.

2. Contributions to the training and career development of researchers and/or research teams: Contributions were made through the supervision of six post-doctoral research, six completed doctoral theses (7 in progress) and 179 master's theses. Also worth mentioning projects obtained through applications for funding and participation in juries for applications for research grants and teaching positions.

As Principal Investigator (PI) he coordinated two projects funded by FCT: 'The Grand Projects' (2018-2022), and 'The Critical Monumentality of Álvaro Siza' (2021-2023), both aimed to produce interpretative work, capable of mapping and qualifying urban design culture followed in Portugal in the first decades of the 21st Century. He also coordinated the FCT research project 'The site of Discourse' (2013-2015), dedicated to analysing, and reflecting on the editorial culture of Portuguese architecture periodicals throughout the 20th century. This project, continued his post-doctoral research 'Romanced Architecture', on architectural periodical publications in Portugal in the 1930s. (2010-2013).

As researcher he integrated the teams of the following projects, all of them funded by FCT: 'The Colonial Urbanization Offices' (2010-2013), 'Homes for the biggest number' (2013-2015), Late Portuguese Infrastructural Development in Continental Africa' (2016-2019), 'Siza ATLAS' (2021-2023) and 'SIZA_3CITY' (2022-2024). He was also a researcher on the project 'Spanish Architecture in the International Media. First part: (1940-1975)' and 'Reflections, from Europe, on architecture in Spain (1976-2006)', both financed by the Spanish State Investigation Agency.

Research experience was used in several workshops and summer courses: 'Optimistic Suburbia' (2015), 'Building at the South' (2016), 'Alvalade Revisited' (2019), and 'Living in Lisbon' (2023). This activity has been articulated with international networks, as 'Red

| Name | Nuclear CV | Dedication % ORCID iD |
|--|---------------|-----------------------|
| PUC - Contemporary Urban Problems', and the 'Red PHI- Iberoamerican Historical Cultural Heritage', involving twenty universities from Europe and South America. | | |
| 3. Contributions to the scientific community:Organizing research meetings and consultancy for scientific exhibitions are both contributions to the scientific community. He was the chair of the international conference 'Grand Projects - Urban Legacies of the late 20th Century', (2021) which included the contribution of 76 articles, distributed by 9 tracks. He was a member of the organizing committee of the international conference 'The Site of Discourse - Thinking Architecture through Publication' (2015), where 42 articles were presented, distributed across 12 sessions. He also directed the organization of the '1st CIHEL - International Conference on Housing in the Lusophone Space' (2010), in which 22 papers were presented distributed over 4 issues. | | |
| He was curator of the exhibition 'Hestnes Ferreira - Form, Matter and Light' (Pinto, P. T; Et. Al, 2023), which was on display at FIMS -Marques da Silva Foundation Institute. He was also a consultant for the exhibitions 'Living in Lisbon' (2023-2024), and 'Africa - Perspectives of the Colonial Urbanization Cabinet' (2013) both held at CCB - Centro Cultural de Belem. | | |
| His role as an expert at the National Agency for Assessment and Accreditation of Higher Education (A3ES), and the Foundation for Science and Technology (FCT) in defining the thematic agenda of Portuguese Architecture, are also worth highlighting as contributions to improve research conditions, promote gender equality, equal opportunities, diversity, and mobility. | | |
| 4. Contributions to society:Transfer of knowledge to society was achieved through commissions, juries, and media participation. He has been a member of the Scientific Council for the preparation of the Lisbon Municipal Heritage Charter (2019-2023). He also served on the Order of Architects of Portugal as president of the Southern Regional Admissions Board (2013-2025). | | |
| He was a member of the jury for the Heritage College Award (2023), Order of Architects of Portugal, which aimed to distinguish the best master's thesis on heritage issues. He also represented the institution on the jury of the design competition for a housing complex with 98 dwellings, located on Rua do Monte, in Setúbal (2023), launched by the National Institute of Housing and Urban Rehabilitation (IHRU), and on the jury of the Prémio Nacional da Paisagem [National Landscape Prize] (2022), awarded by the General Directorate of the Territory. | | |
| He is a member of the jury for the SIC/Expresso Real Estate Prize (2021, 2022 and 2023 editions). | | |
| He frequently participates in podcasts, television and radio programmes and writes articles about architecture and housing in newspapers and magazines. | | |
| <ul style="list-style-type: none"> Scientific production and/or selected activities:1) PINTO, Paulo Tormenta; PINTO, P L, BRANDÃO (2023) "Álvaro Siza, 'Afinal o grande edifício é a cidade. Tecido - Monumento'" [Álvaro Siza, "After all, the great building is the city. Fabric - Monument"], in PINTO, Paulo Tormenta; TOSTÕES, Ana. A Monumentalidade Crítica de Álvaro Siza. ISBN. 978-989-35212-3-6. (p. 16-41). Porto. Circo de Ideias. This article corresponds to a theoretical reading of Álvaro Siza's work, having as its main argument the concept of 'monument'. The book is sponsored by CCA Canadian Center of Architecture, Calouste Gulbenkian Foudation and Serralves Foudation. | | |
| 2) PINTO, Paulo Tormenta; BRANDÃO, (2024) "O Legado da Expo'98" [Expo'98 Legacy], in PINTO, Paulo Tormenta; BRANDÃO (Ed.). Os Grandes Trabalhos e o Desejo da Cidade de Exceção: Duas décadas de transformac,a~o urbana e arquiteto´nica Portugal'. ISBN 978-989-53415-9-7 (p. 15-36). Porto. Circo de Ideias. The text presents a critical reading of the period called 'Great Projects' in Portugal, corresponding to the first decades of the 21st century. The text also reports the antecedents that, since 1990, structured the urban discourse. | | |
| 3) PINTO, P T (2023) "Lisbon housing laboratory - 50 years of contingencies", in Living in Lisbon. An Architectural View on Housing Challenges. ISBN. 978-989-5370-55-9 (p. 78-99). | | |

| Name | Nuclear CV | Dedication % | ORCID iD |
|------|------------|--------------|----------|
|------|------------|--------------|----------|

Lisboa. Monade. This essay addresses architecture and social housing policies in the 50 years of democracy in Lisbon.

4) PINTO, Paulo Tormenta; DELGADO, J P (2019) "Portugal dos Pequenitos as na urban laboratory for rehearsing national identity", in Nations and Nationalism, <https://doi.org/10.1111/nana.12537>, Internal Article ID: 16475647. Indexed in WoS and SCOPUS, 1st Quartile. Through the Portugal dos Pequenitos park, the text offers a reading of the role of architecture in the formulation of nationalism, proclaimed in Portugal during the dictatorship period.

5) PINTO, Paulo Tormenta; MILHEIRO, A V; MIRANDA, E (2019) "From Monumentality to Diversity - Lourenço Marques between the urban plans of Aguiar and Azevedo (1950-1970)", in Planning Perspectives. Routledge, Taylor and Francis Group, London (p. 401-414) ISSN. 0266-5433. DOI: <https://doi.org/10.1080/02665433.2021.2004213>. Indexed in WoS and SCOPUS, 2nd Quartile. The article results from an investigation into the concepts of colonial urban planning in two distinct periods of the dictatorial regime.

[Alba Zarza Arribas](#)

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de pós-doutoramento (BPD)
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

[Alexandra Castro](#)

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30 [0000-0001-5366-4511](#)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:Santa Casa da Misericórdia de Lisboa (SCML)
- Linking modality:Contrato de trabalho a termo incerto
- Professional category:Direção superior de 1.º grau
- Retiree?No
- Weighting factor:Higher education professors with an exclusive or full-time employment contract and other researchers, except those covered by the 0.2 category. - weighting factor = 0.50

[Alexandra Cláudia Rebelo Paio](#)

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40 [0000-0002-4144-8499](#)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure»)
- Professional category:Docente Universitário - Professor auxiliar
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

Narrative CV

| Name | Nuclear CV | Dedication % ORCID iD |
|------|---------------|-----------------------|
|------|---------------|-----------------------|

- Scientific and professional profile and career: I have worked in teaching and research in architecture and urbanism, promoting relationships between academia and industry, and governance and society. I have an undergraduate in Architecture (Lusíada University, 1993), a master's in Urban Design (ISCTE, 2002), and a PhD in Architecture and Urbanism (ISCTE, 2011), and currently I am an Assistant Professor at ISCTE. I have directed/coordinated various 3rd cycle programmes (since 2012) and taken on different management positions at ISCTE, of which I highlight: as founder and scientific coordinator of the Digital Fabrication Laboratory - Vitruvius Fab Lab (2011-2020), as director of the specialization course on Collaborative Territories: Processes, Design, Practice and Entrepreneurship (since 2014), as sub-director of the Department of Architecture and Urbanism (2016-2019), as director of the Doctoral Programme in Architecture of Contemporary Metropolitan Territories (2017-2023), and as member of the Scientific Council (since 2021).

I have been an integrated researcher at Dinâmia'CET-Iscte since 2017, also supervising theses/dissertations and producing different outputs. In 2018 I was invited to be editor of the Nexus Network Journal: Architecture and Mathematics Special Issue "Architecture In-Play". I am part of the research teams of various funded projects and networks (FCT national project "Care(4)Housing", FCT - Joint Programming Initiative "F-ATLAS", Erasmus+ national consortium "Direito à Cidade"), and currently I am the regional coordinator of the Marie Curie ITN project "RE-DWELL".

Linking my academic work to other spheres, I regularly promote workshops with and for the industry and public administration around the themes of co-production and participatory processes through digital tools. I have been very involved in the BIP/ZIP programme both in proposals and as an invited jury member. Recently, I was elected vice-president of the Regional Section of Lisbon and Tagus Valley, Order of Architects (2023-2026).

- Contributions to science and society:
 - Contributions to the generation of new ideas, tools, methodologies or knowledge: My contributions to knowledge encompass different topics and reach other disciplines as well as the industry, governance, civil society, and other forms of know-how. In 2022, I received the Teaching and Research Mention at the Forma Awards, distinguishing architects who develop research on processes and tools that are applied into practice. The key contribution to my host research unit Dinâmia'CET-Iscte specifically lies in exploring advanced digital methods and tools to support creativity, digital fabrication, public space development, and participative processes. What sets my work apart is that it provides input to societal issues in the urban architectural space concerning digital transformation and potentiate an inclusive relation of this space with society and the interlocutors that operate therein. The role of digital fabrication is seen in my work as a central gateway for flexible and inclusive solutions, mostly explored through ISCTE's Vitruvius FabLab, a digital fabrication lab used to conduct applied research that impacts different stakeholders (citizens, industry) and different scales (neighbourhoods, districts). In my research, the application of digital fabrication in architecture aligns with the broader context of how technology can reshape traditional approaches, providing insights into informed decision-making in design processes and contributing to broader agendas like sustainability. The Filipe Brandão work developed under my supervision, for example, focuses on the use of digital tools in mass customization construction (MCC) systems, allowing users to co-design cost-effective and disassemble-able solutions for building renovations. In this context, I established an important bridge with the industry, closely collaborating with the construction company CASAIS. This work merited an ex aequo mention from the Portuguese Order of Architects in the Sustainability and Research Award 2023.

I also have a keen interest in the collaborative and participatory aspects of urban planning and design. Consistently throughout my explorations, I involve community groups and local associations as part of my efforts to expand the practices of participation. The BIP/ZIP programme has been an often-cited example of this. It is a programme promoted by the Lisbon City Council that finances civil society-led projects

| Name | Nuclear CV | Dedication % ORCID iD |
|------|---------------|-----------------------|
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focused on the improvement of socio-territorial cohesion in areas with urban inequalities. Taking BIP/ZIP as an example, ESR Andronikki Pappa has developed research under my supervision on participatory models and collaborative forms of governance. To collaborate in this research, I established an important contact with the Lisbon City Council. Also using the BIP/ZIP backdrop, I published with Ana Farias about digital frameworks for improving citizen participation. BIP/ZIP has been an important source of inspiration and of case studies for my research. I have been a great proponent of this programme, being involved in several projects, in related research, and as a jury member evaluating incoming proposals.

My work also showcases a commitment to social challenges in urban planning and living. This can be observed in the work of Lia Ferreira, developed under my supervision, around the definition of inclusive urban policies. In addition, my involvement in various research projects highlights my commitment to addressing housing challenges. I am currently the regional coordinator of "RE-DWELL" (2020-2024), a Marie-Curie ITN project comprising 9 European countries, 10 higher education institutions, and 12 non-academic partner organisations, aiming to equip a new generation of professionals with transdisciplinary skills to address the need for affordable and sustainable housing in Europe. In this project I supervise 2 PhD candidates and I have been leading the operationalization the developed research framework into a game (TUDelft). Another project I am involved with is "Care(4)Housing" (2022-2024), an FCT national project focused on the importance of the concept of care (for the space, for people, for the planet) in the context of current housing inequalities and precarity. My contribution to this project is continuous; however, with my expertise in digital fabrication and with ISCTE's Vitruvius Fab Lab, I am able to support the exploration of design solutions based on participatory processes to address real and local community issues. Other projects and networks that I am involved in include the FCT Joint Programming Initiative "F-ATLAS" (2020-2024), the Erasmus+ national consortium "Direito à Cidade" (2021- 2027), and the recently closed NEB initiative "Togetherness" (2021-2022). Another significant focus of my work is pedagogy. Through different initiatives, I have explored challenges posed by digital technologies in teaching and learning, addressing the evolving needs of the contemporary classroom. This can be seen in the work developed with the Instituto de Educação of the Universidade de Lisboa.

- Contributions to the training and career development of researchers and/or research teams: Among various roles, I was sub-director of the Department of Architecture and Urbanism (2016-2019) and director of the Doctoral Programme in Architecture of Contemporary Metropolitan Territories (2017-2023) through which I was able to contribute to a strategic vision of architectural education at ISCTE. I coordinate a thematic line within the doctoral programme in Architecture "Transdisciplinary Digital Territories", which innovates by bringing the digital component of architecture to the forefront.

I always strive to create strong synergies between students and industry and governance. A noteworthy contribution is the co-creation of the post-graduate course Advanced Studies Course on Digital Architecture (2012), with a strong industry participation. The involved companies offered scholarships and students applied the learned knowledge in industrial projects. Other relevant examples are the restructuring of the doctoral programme in Architecture of Contemporary Metropolitan Territories (2020), the co-creation (with FAUP) of the Professional Master's Degree in Digital Innovation for Design Practices (2020), and 2 Erasmus+ BIP "Housing and Urban Commons" (2022) and "From place to city: constructing collectively the habitat" (2024).

I have supervised 4 PhD thesis, 24 master's dissertations/final projects, and I am currently supervising 18 PhDs, 6 master's and 2 post-Docs. My role as a mentor is often transformative. I highlight, as an example, the story of Carolina Cardoso - an architect, initially unfamiliar with digital fabrication. She participated in a winter school that I promoted, where this theme was introduced, leading her to establish digital fabrication

labs abroad. Upon returning to Portugal, I supported Carolina in organising a summer school with several partners, originating Bairros Saudáveis project. This project was the foundation for what is now her PhD research. My mentorship has significantly expanded Carolina's expertise and career trajectory.

- Contributions to the scientific community: As part of my contribution to the scientific community, I have co-edited books and journal special issues. Between 2014-2019, I co-edited 6 proceedings highlighting strategies and solutions for societal challenges. In 2022-2023 I was invited as reviewer for Nexus Network Journal: Architecture and Mathematics (Q2), and in 2018 I was editor of that journal's Special Issue "Architecture In-Play". I was in the scientific committee of several publications: Arq'a Revista de Arquitectura e Arte (2013), Revista de Morfologia Urbana (2013), Environment and Planning B: Planning and Design (2013-2014), Geometrias'14 Boletim APROGED (2014), Geometrias & Graphica (2015), and the International Journal of Architectural Computing (2023).

As an expert, I have been part of the direction of Aproged - Association of Geometry and Drawing Teachers (2019) and in 2023 invited by the Lisbon City Council to be president of the jury for the 12th edition of the BIP/ZIP Programme. Moreover, I have been part of the jury of several academic degrees, as well as other panels, such as the ISCTE entrance exams for people over 23 without higher education qualifications.

Another type of contribution I make is through my involvement in events: since 2010 I have been part of the organisation (including part of the scientific committee) of over 40 different events, from workshops to exhibitions and conferences. I highlight the organisation of several editions of ENIA - National Meeting on Research in Architecture.

- Contributions to society: I regularly write opinion articles in widespread national media, such as O Jornal Económico and Expresso. These newspaper articles cover many topics including technological innovation, architecture and its possibilities, current housing and urban issues, and addressing societal problems. The aim is for the opinion pieces to reflect my engagement with these questions in architecture and urban planning, emphasizing the angles of innovation, sustainability, and societal well-being and bringing innovation closer to people. It allows me to communicate complex concepts in a more accessible manner, engaging a broader audience beyond specialized circles. In addition, I am actively involved in local councils, community associations, NGOs, and informal groups to promote architecture and urbanism tailor made solutions through participatory processes. These collaborations aim to create and execute projects that enhance the living environment of BIP/ZIP territories through citizen engagement, positive community perception, and a conducive atmosphere for local entrepreneurship. I have been involved in several BIP/ZIP project proposals, namely: "AS_de_MARvila" (2013), "Liga-te ao Bairro" (2015), "SOMOS TOD@S BENSÁUDE" (2017), and "Sai da Caixa Armador" (2021).

Being the Vice-President elect of the Regional Section of Lisbon and Tagus Valley, Order of Architects, I can potentially impart my scientific knowledge to architectural practitioners.

- Scientific production and/or selected activities: I am the local coordinator of the Marie Curie ITN "RE-DWELL: Delivering Affordable and Sustainable Housing in Europe" (Grant no. 956082, 2020-2024), a project that aims to train a new generation of professionals with transdisciplinary skills to respond to the urgent need for sustainable and affordable housing in Europe. In it, 15 early-stage researchers link three key areas around this topic: 1) design, planning and construction; 2) community participation; and 3) policy and financing. My role is leading WP5: dissemination, communication, and exploitation. In addition, I am leading the operationalisation and evaluation of the developed transdisciplinary framework. I am also part of the team of the FCT Joint Programming Initiative Cultural Heritage and Global Change "F-ATLAS - Franciscan Landscapes: Observance between Italy, Portugal and Spain" (Grant no. JPICH/0002/2019, 2020-2024), a project that aims to evaluate the condition of the Italian-Portuguese-Spanish Franciscan network. The goal is to establish an "Atlas" of

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knowledge on conserving and promoting Cultural Heritage. As part of the ISCTE team I leverage my expertise in the application of digital fabrication to increase accessibility to Cultural Heritage.

In addition, I am part of the Erasmus+ national consortium "Direito@Cidade" (Grant no. D@C 2021-1-PT01-KA131-HED-000034185, 2021-2027). This consortium, led by Universidade Lusófona Porto, aims to promote a critical approach to reflection and intervention on the city through mobility, allowing me to promote and facilitate student mobility. This has given me and ISCTE students the ability to be involved in 8 BIP - Blended Intensive Programmes Consortiums (2022-2024), providing an innovative learning experience.

Regarding publications, I highlight: Paio, A., Osório, F., Moura Oliveira, S., Valenti, G. M., & Guimaraes, N. (2018). "Architecture In-Play, Future Challenges." Nexus Network Journal, 20, 9-23. DOI <https://doi.org/10.1007/s00004-017-0365-5> - in which I and my colleagues discuss the research field of kinetic design, in the light of a summer school carried out in partnership between ISCTE and Sapienza University. Furthermore, I highlight the publication: Osório, F., Paio, A., & Oliveira, S. (2023). "A kinetic origami surfaces methodology." Architectural Science Review, 1-24. DOI <https://doi.org/10.1080/00038628.2023.2182270> - also on the topic of kinetic design, presenting the doctoral research of Filipa Osório, which I supervised.

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution? Yes
- Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality: Contrato de trabalho a termo incerto
- Professional category: Investigador auxiliar
- Retiree? No
- Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution? Yes
- Institution: Faculdade de Arquitectura da Universidade do Porto (FA/UP)
- Linking modality: Contrato de trabalho a termo incerto
- Professional category: Docente Universitário - Assistente convidado
- Retiree? No
- Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution? Yes
- Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality: Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure»)
- Professional category: Docente Universitário - Professor auxiliar
- Retiree? No

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| <ul style="list-style-type: none"> Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 ANA CAROLINA CARVALHO FARIAS DE1F-EC3A-D4C8 Participation in the R&D Unit | | 100 | 0000-0002-3424-4930 |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution? Yes Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality: Contrato de trabalho a termo incerto Professional category: Investigador júnior Retiree? No Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| ANA CATARINA SERRA NEVADO 9F1C-D10B-F6AC Participation in the R&D Unit | | 40 | 0000-0002-9732-1876 |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution? Yes Institution: Câmara Municipal de Lisboa (CML) Linking modality: Contrato de trabalho a termo incerto Professional category: Técnico superior Retiree? No Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Ana Costa Rosado 8D1D-13D2-16F8 Participation in the R&D Unit | | 100 | 0000-0002-2653-6167 |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution? Yes Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality: Contrato de bolsa de investigação na instituição Professional category: Bolsa de investigação pós-doutoral (BIPD) Retiree? No Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Ana Cristina Fernandes Vaz Milheiro 831D-B317-DA14 Participation in the R&D Unit | ✓ | 40 | 0000-0001-7213-0478 |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution? Yes Institution: Faculdade de Arquitectura da Universidade de Lisboa (UL) (FA UL/Ulisboa) Linking modality: Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure») Professional category: Docente Universitário - Professor auxiliar Retiree? No Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |

Narrative CV

- Scientific and professional profile and career: Integrated PhD Researcher at DINÂMIA'CET- ISCTE and researcher at African Studies Centre, University of Porto. ERC Advanced Grantee "ArchLabour - Architecture, Colonialism and Labour..." (2024-2028). Former Chair of the Cost Action CA18137 "European Middle-Class Mass Housing" (2019-2023), EU Framework Programme Horizon 2020. Former IIAS Fellow (Israel Institute for Advanced Studies, Hebrew University of Jerusalem), research group "Re-Theorizing Housing as Architecture Research" (2019-2020). Postdoc in Architecture, University of Porto (FAUP, 2012). PhD in Architecture (University of São Paulo, Brazil, 2004). Master (1998) and BA (1991) in Architecture (Faculty of Architecture, Technic University of Lisbon). Since 2010, Principal Investigator of six research projects focused on architecture and urban planning in former Portuguese colonies in African and middle-class housing, financed by the Foundation for Science and Technology, including the ongoing projects ArchWar and WomArchStruggle. Author of "A Construção do Brasil..." (2005), "Nos Trópicos sem Le Corbusier..." (2012), awarded with the art and architecture critic and essayist prize by the Portuguese Section of AICA/Fundação Carmona e Costa (2013), and "African Colonial Architectures - At the end of the 'Portuguese Empire'" (2017). Invited researcher at Ghent University (2015-2016) and Fellow Researcher at University of São Paulo (2018, funded by FAPESP). Former Associate Professor (Faculty of Architecture, University of Lisbon). Curated several exhibitions such as UIA RIO2021 (Rio de Janeiro, 2021), Arquivo Histórico Ultramarino and Centro Cultural de Belém (Lisbon, 2019 & 2013). Tutored 10 PhD theses (+7 ongoing) and 3 Postdocs. Supervised 84 master's students since 2007. Professor of post-graduate programmes since 2011 (ISCTE, FAUP, FAUL, Escola da Cidade, São Paulo). Since 2010, projects submitted as PI have raised €4,182,126.06 (FCT + ERC). Mother of two girls (2010, 2013).
- Contributions to science and society:
 - Contributions to the generation of new ideas, tools, methodologies or knowledge: Among my main contributions to research since 2010, I would highlight project coordination. Apart from the already closed COST network, in which I essentially performed leadership tasks, calculated budgets and managed scientific meetings, I think it is as a researcher (team coordination, working in partnership or individually) that my work stands out. The project Coast to Coast... ATP-AQI/0742/2014, which ended in 2019, is a good example. Based on methodologies crossed with Archives and Social History, it was possible to advance the field of Architecture History linked to Portuguese colonization, through the subject (territorial infrastructure), the approach (favouring archives, fieldtrips, digital cartography, and cross-referencing), and the protagonists (Public Works departments). In a discipline built on stylistic narratives, the work carried out brought our field closer to international debates. The project was in line with the first funded research "The Colonial Urbanization Offices..." AUR-AQI/104964/2008, started in 2010, which in Portugal pioneered a shift in focus from the author to collective teams. This ground-breaking project was like opening Pandora's box, introducing the study of everyday architecture and its agents. The focus of the approach led to invitations to be Visiting Fellow at European institutions such as Ghent University in 2015. Following on from this research work, I was also awarded a prize as a junior researcher (Science for Future - K. Šešelgis' Readings 2012, Rokiškis, Vilniaus Gedimino Technikos Universitetas) and with the publication of my book "Nos trópicos sem Le Corbusier" (2013 AICA/Fundação Carmona e Costa Prize for Art and Architecture Criticism and Essays). But it was the MCMH project PTDC/ ARTDAQ/30594/2017 that deepened the international character of the research and the team involved, adding European scholars to a group already composed by Portuguese, Africans, and Macanese. Working in a multidisciplinary domain has made it possible to adjust the protocols of the Social Sciences to Architecture, a procedure started in 2013 with Homes for the biggest number... ATP-AQI/3707/2012. The Optimistic Suburbia series of conferences is rooted here. Again, joining IIAS in 2019 (Hebrew University of Jerusalem) was a direct

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consequence of the above. The international conference Colonial and Postcolonial Landscapes also began in 2019 and has been organised twice at Calouste Gulbenkian Foundation in Lisbon.

More recently, other ongoing projects in colonial geographies have centred the debate both on the colonial war and how the war effort was supported by architecture (ArchWar...PTDC/ART-DAQ/0592/2020) and also on the presence of women architects in Africa (WomArchStruggle ...2022.01720.PTDC). These are topics that my team and I have introduced to Portuguese academia and that challenge classical historiography. They have helped strengthen relationships with internationally recognised scholars, such as the late Monique Eleb, Johan Lagae, Peter Scriver, Samia Henni and/or Mary Macleod. Each new consultant or collaborator on these projects has helped internationalise my research and contribute to its strength abroad. As a result of the research in the last 10 years, I have been accepted at 19 peer-reviewed international conferences and invited as key-note speaker at 15 international events (e.g.: SAH 2016, 2022, 2024; ENHR 2021; IASTE 2018, 2022, 2024; IAWA 2020; IAS 2019; EAHN 2014, 2018; Docomomo 2016, 2023; IPH, TU Delft, 2016; AIARG 2016). Also, I have a total of 36 published articles across both international scientific journals and journals targeting Portuguese-speaking countries, 69 book chapters and 7 books. As a result of the FCT funding, priority was given to cataloguing archive material, which was then made available to researchers outside the team, contributing to the scientific community that shares similar interests. In total, three projects have managed around 20596 archival descriptions, having processed 21500 records (representing more than 52200 drawings+15000 photographs). Since 2019, these archival descriptions have been part of a database of the Arquivo Histórico Ultramarino (second largest national archive) available at the link <https://digitalq.ahu.arquivos.pt/>.

After establishing a new reading for Portuguese colonial studies, based on Public Works, Housing and War, I now intend to open new perspectives for analysing the impact of unskilled labour and teams of mass-workers on the design of technicians (architects and engineers) with the current funding obtained in the ERC-Advanced 2022 call. It is both a continuity and a rupture with previous work, bringing new reading lenses to explain Portuguese colonialism based on territorial infrastructure and technology transfer. The construction of a history of architecture linked to mass-labour is a novelty even in the international field, where bibliography is scarce, making Portuguese historiography stand out.

- Contributions to the training and career development of researchers and/or research teams: I started training a research team in 2007, as a teacher in the Department of Architecture and Urbanism at ISCTE. But it wasn't until I started raising funds for research that this team began to take shape. Since 2010, several scholars have benefited from the funds of projects coordinated by me, either as fellows (12) and contract researchers (5) or as PhDs or Postdocs. 40 researchers from different nationalities and backgrounds (architects, architectural historians, social scientists, and archivists) contributed to six FCT projects, helping to consolidate an informal network engaged with colonial and postcolonial architectural studies. Of the 10 doctoral graduates who have already completed their PhD thesis under my supervision, 50% developed it within the scope of the projects. Among them, one was awarded a CEEC; another is Co-PI of an FCT exploratory project; a third is at the University of Basel on a Postdoc scholarship; two other researchers are currently completing fellowships on FCT projects. Outside of the research projects, three are still practising architects and two continued their teaching careers.

I have been involved in nine UCs of PhD courses, coordinating eight of them. To attract new researchers, I created a topic for FAUL's PhD programme in Architecture in colonial and post-colonial studies. I also involved my master's students through scientific initiation research, having supervised 84 Master-thesis. In 20 years of public university teaching, I have taught 21 courses related to the scientific area of Architecture and

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Urbanism, coordinating 18 of them. In private university teaching, where I worked between 1994 and 2011, I also taught and coordinated several classes. More recently, I launched the ai-research website with my team of researchers and started sharing pedagogical experiences (<https://ai-research.pt/shared-learning/>), including films made by students and publicising events held in class as part of the MCMH and CA18137 projects.

3. Contributions to the scientific community: I highlight two approaches: 1) presiding over the organisation of international conferences; 2) chairing the construction and consolidation of an international network through CA18137: gender balance, encouraging the mobility of researchers based in Europe and publishing results produced by international teams. Since 2015, I have opened two parallel lines of international conferences held in Lisbon related to FCT-funded research projects: the "Optimistic Suburbia" cycle with two editions (163 participants in 2021), and the International Congress "Colonial and Postcolonial Landscapes" held at the Calouste Gulbenkian Foundation since 2019 (114 participants in 2023). ERC funding will make it possible to hold two more editions (2026 and 2028). These conferences generated their own funds. During CA18137, international meetings were held in Frankfurt, Milan, Belgrade, and Haifa, bringing together around 54 to 60 participants with travel/accommodation/daily expenses paid. CA18137 has been quoted as an example of gender equity, with 70 percent female members. It has also been the setting for grants to support young scientists to present their work, organise two Training Schools and 14 Short-Term Scientific Missions (mostly during COVID). These benefits have been given to researchers outside Portugal. The network ended up producing three indexed journals, three books bringing together the work of around 120 researchers and a children's book. It can be followed on the <https://mcmh.eu>.
4. Contributions to society: As part of my engagement with the community, I'd like to highlight the beginning of my career as an architecture critic for a large-circulation newspaper (Público, 1995, <https://www.publico.pt/autor/ana-vaz-milheiro>) and as a magazine editor in corporate structures such as JA-Jornal Arquitectos of the Portuguese Architects' Association, as Deputy-Editor, 2000-2004/2009-2012. This work had repercussions in invitations to write in international architecture magazines such as The Architectural Review ("Retrospective: Paulo Mendes da Rocha", <https://www.architectural-review.com/essays/retrospective-paulo-mendes-da-rocha>). Curating exhibitions that have linked research with society is another aspect that stands out, particularly exhibitions at Centro Cultural de Belém ("A Cidade Popular-Trienal de Arquitectura de Lisboa, 2010, "Africa-Visões do Gabinete de Urbanização Colonial...", 2013), Arquivo Histórico Ultramarino ("Colonizing Africa - Reports on Colonial Public Works...", 2019) and UIA in Rio de Janeiro ("Arquitecturas em Português: Diálogos Emergentes", 2021). Aimed at local communities, I curated other exhibitions such as "Guinean Urbanities...", at INEP (Instituto Nacional de Estudos e Pesquisa), Bissau, 2016, the first exhibition about architecture produced during the colonial-rule in the country. I've also curated exhibitions at the University of São Paulo ("In the Fantastic World of Pancho Guedes...", 2012) and in locations such as Paris, São Paulo, Berlin, Lagos and Ponta Delgada
- Scientific production and/or selected activities: In this last section, for the period 2018-2023, I would highlight my role as former chair in a COST Action, two FCT funded projects currently underway in which I am PI, and two articles in international indexed publications with quartile.
 1. 2019-2023. MC Chair of COST Action "European Middle Class Mass Housing (MCMH-EU)". CA18137 supported by the EU Framework Programme Horizon 2020, executed budget €598.854,45. Closed. <https://www.cost.eu/actions/CA18137/> It aimed to produce a wider understanding of MCMH sprawl, allowing the development of new scientific approaches by discussing, testing, and assessing case studies, their different methodologies and perspectives. I chaired a network with 3 WG, reaching 142 members, 31 countries.
 2. 2021-2024. PI of ArchWar - Dominance and mass-violence through Housing and

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| <p>Architecture during colonial wars. The Portuguese case (Guinea-Bissau, Angola, Mozambique): colonial documentation and post-independence critical assessment, budget €249.994,79 (ongoing) http://doi.org/10.54499/PTDC/ART-DAQ/0592/2020 I coordinate a team of 14 national/international researchers. We focus on housing programmes during the colonial war in former Portuguese Africa, and repercussions in the immediate post-independence period, proposing cross readings between 3 territorial scenarios and 3 groups of inhabitants involved in colonial narratives. The jury highlighted: significant and original research. Historically important topic with aftereffects in the present.</p> <p>3. 2023-2024. PI of WomArchStruggle - Women architects in former Portuguese colonial Africa: gender and struggle for professional recognition (1953-1985), budget 49.989,45 (ongoing) https://doi.org/10.54499/2022.01720.PTDC. This exploratory project aims to introduce new narratives on women-architects.</p> <p>4. A.V. Milheiro (2021) "Late Portuguese colonialism, research, and propaganda in Africa: the promotion of territorial occupation and architectural infrastructure by the General Agency for Overseas", The Journal of Architecture 26, 212-240. DOI: 10.1080/13602365.2021.1897644 Summarizes my readings of colonial processes of territorial infrastructure and was submitted following the results of previous.</p> <p>5. A.V. Milheiro (2021) "Colonial landscapes in former Portuguese Southern Africa a brief historiographical analysis based on the colonial transport networks", African Geographical Review 40 (3), 214-230. DOI: 10.1080/19376812.2021.1910851 Contributes to expanding the historiographical debate.</p> | | |

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution? Yes
- Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality: Contrato de trabalho em funções públicas por tempo indeterminado em regime de «tenure»
- Professional category: Docente Universitário - Professor associado
- Retiree? No
- Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

Narrative CV

- Scientific and professional profile and career: An important part of my scientific and professional trajectory has been devoted to institutional development. From 2013 to 2021, I was deputy director of DINÂMIA'CET, and I currently coordinate the 'Governance, Economy and Citizenship' research group. Since 2019, I have co-coordinated the PhD in Political Economy, an inter-institutional PhD resulting from a partnership between ISCTE - University Institute of Lisbon, the Faculty of Economics of the University of Coimbra (FEUC) and the Lisbon School of Economics and Management of the University of Lisbon (ISEG-UL). I am also president of the Portuguese Association for Political Economy. Although my training was in Economics, my scientific profile has always been focused on a substantivist and interdisciplinary approach to the study of economic phenomena supported, in particular, in the scholarly tradition of political economy. With the 2008 economic crisis and the Portuguese adjustment programme (2011-2014), my research gained a new contour. During this period, I coordinated the FCT research project OpenEc - Economics and the "real-world": the case of the Portuguese Memorandum (2014-2015). During 2012 and 2013, I participated in the founding group of the Observatory on Crises and Alternatives at the Centre for Social Studies (CES - University of Coimbra), launched in collaboration with the Institute for Labour Studies of the International Labour Organization

(INST/ILO). I was hired by the Observatory as a researcher and took part in its first year of activity, which led to a period of unpaid leave from my professional life at ISCTE.

In the period 2017-2018, I coordinated the group responsible for the project related to the creation of the PhD in Political Economy and its submission to the Portuguese Agency for Assessment and Accreditation of Higher Education.

Parental leave in 2003 and 2014.

- Contributions to science and society:

1. Contributions to the generation of new ideas, tools, methodologies or knowledge: Initially my research agenda focused on the clarification of the relevance of the concept of moral difficulty for economics and the role of value conflicts in decision-making. An original contribution of this research is the elaboration of the concept of action in conflict, anchored in the scholarly tradition of pragmatism-institutionalism, thus providing a nexus between value conflicts that are individually experienced, collective action and processes of institutional change. This research was mainly developed in the context of my PhD dissertation. In connection with the FCT project BECOM - Choice beyond (in)commensurability: controversies and public decision making on territorial sustainable development (2010-2013), this analysis of moral difficulty and value conflicts is transposed from individual choice to public decision-making processes. The aim was to understand the role played by certain support devices for public decision-making (such as cost-benefit analysis, environmental impact assessment or multi-criteria approaches) in the way that value (in)commensurability and value conflicts are considered in socio-technical controversies concerning the construction of major infrastructure projects (in particular, the construction of the Foz Côa and Foz Tua dams).

Besides this contribution on both a theoretical and applied level, with the FCT project Behave - A Behavioural Approach to Consumer Credit Decision-Making (2011-2014), the concept of difficulty of choice was brought into the study of consumer credit decisions, with the aim of proposing policy recommendations that recognize the complexity of these decisions and the heuristics on which they tend to rely.

It was within the scope of the BECOM project and, in particular, in the context of the organization of the 4th CES International Seminar on the Foundations of Economics on the topic of "Value Conflict, Decision-Making and Public Action", that the main focus of future research agenda (around the relationship between Economics as a discipline, the existence of distinct and conflicting perspectives on valuing different forms of economic knowledge and the role of economists as experts) became clear.

This period coincided with the 2008 economic and financial crisis and the subsequent implementation of the structural adjustment programme by the Troika in Portugal, between 2011 and 2014, having a decisive influence on the consolidation of the research carried out. In fact, the financial crisis that began in 2007 and the austerity policies triggered a public debate about the state of "economic science" and its possible contribution to creating the conditions that triggered the crisis and the policy responses that followed it. These questions were explored in the FCT research project OpenEc - Economics and the "real-world": the case of the Portuguese Memorandum (2014-2015), of which I was principal investigator. Maintaining the theoretical focus on the pragmatist-institutionalist approach, but expanding it based on contributions from the fields of sociology of science and of international political economy, the impact of the crisis and of the consequences of the Portuguese structural adjustment programme on the International Monetary Fund's corpus of beliefs was explored. In line with this, the role played by the rhetorical justification devices developed by the Fund in order to cope with unexpected events was also analysed.

The relationship between economic ideas, discourses and policies and the manner in which this relationship is the object of controversy not only in the academic field, but also at institutional and political levels was a line of research developed within the scope of the FCT project RECON - The making of economics in Portugal: a study of Portuguese recent economic research (1980 to the present) (2016-2019). In line with this research

project, a study was carried out on the role of the Department of Economic Studies (DES) of the Bank of Portugal in the intellectual trajectory and consolidation of the scientific field of economics in Portugal. The objective was to contribute to a historical and relational approach to the role of economic knowledge and expertise to central banking, in the sense of disclosing the resources, the alliances and the narratives which have been triggering the growing intellectual and political ascendancy of the Bank of Portugal and its research department. This research is in dialogue with a European research network on scientisation of central banks.

Thanks to my participation in the FCT projects REVAL - From internal devaluation to the revaluation of work: the case of Portugal (2018-2021) and SOLID JOB - Rebuilding solidarity in an age of job dualisation (2021-2024), I have been able to deepen my analysis of the consequences of austerity policies, in particular internal devaluation, and their variegated sectoral impact on labour protection and the reconfiguration of the wage relationship.

- Contributions to the training and career development of researchers and/or research teams: I have been teaching at ISCTE - University Institute of Lisbon since 1999 where I coordinated several courses and created new ones. This teaching activity has been developed in articulation with research. The intense collaboration, in particular between DINÂMIA'CET and CES - University of Coimbra, but also with ISEG - UL research centres such as SOCIUS/CSG, or the cooperation under the umbrella of the CES International Seminar Series on the Foundations of Economics created a context of inter-institutional cooperation favourable to the creation of the PhD in Political Economy, an interdisciplinary and inter-institutional doctoral programme, of which I am co-coordinator. A first teaching experience of collaboration, involving professors from ISCTE and FEUC, took place within the course I created - Contemporary Issues in Economic Theory and Policy - for the PhD in Economics, of which I was co-coordinator from 2015 to 2021.

The recognition of a gap in advanced training in Portugal in the interdisciplinary study of contemporary capitalist systems led a team of professors and/or researchers from ISCTE, FEUC and ISEG to create a PhD in Political Economy. I was one of the coordinators of this project. In accordance with this training course, the Master in Political Economy was subsequently created, in whose proposal I actively participated. Both programmes, the PhD and the Master in Political Economy, are distinctive postgraduate courses both greatly in demand and fundamental pillars of teaching activity at ISCTE.

During the years I coordinated the PhD in Political Economy, I regularly organized workshops, conferences and summer schools, mainly in conjunction with the Portuguese Association for Political Economy, in order to encourage PhD students to present and publish their work. I am currently supervising five doctoral students.

- Contributions to the scientific community: I have organized several scientific events. Thanks to my activity as president of the Portuguese Association for Political Economy (EcPol) I organized the Annual Political Economy Meetings. The last conference took place at ISEG, on 25-27 January 2024, and had around 200 participants and more than 70 doctoral students. I also organized the first EcPol Summer School - The Political Economy of the European Peripheries Summer School 2022 - which took place in Avis (3-11 July). Summer School gave 25 Master's and PhD students the opportunity to engage with leading scholars and peers, and to discuss their own research. I am now involved in the organisation of the second edition of this Summer School that will take place in Évora, on 7-11 July 2024.

Additionally, as EcPol's President, I have been promoting the initiative of providing financial support to Master's or PhD students and early-stage researchers to encourage their scientific research on Political Economy and its international dissemination, while also strengthening the relationships within the Portuguese research community that focus on the evolution of capitalism in Portugal in a European and global context.

Finally, I organized parallel sessions on "The Variegated Political Economy of Contemporary Capitalism: Portugal and Beyond" during IPISA's 26th World Congress of Political Science (2021), and on "The Chronicles of Multiple Crises Foretold: the case of Portugal" at IIPPE Annual Conference (2023).

- Contributions to society: I have organized and participated in several events for a non-specialized public. For example, between 2011-2014, several events took place on topics related with the 2008 economic crisis and its consequences in different bookshops, and/or promoted by different organizations, such as the Centre for Feminist Culture and Intervention. In 2015, I organized a seminar on the topic of "Crises: journalism and the economy in the 21st century", followed, in 2016, by a seminar with the collaboration of the journalist trade union on "The narratives of the crisis and the crisis of narratives?".

I was also granted the opportunity to participate, in 2020, in the documentary "Invisible Hand - a history of neoliberalism in Portugal", directed by João Ramos de Almeida and available on YouTube.

In 2022, as part of a protocol between Novo Dia - Associação para a Inclusão Social and DINÂMIA'CET, I worked as a consultant specifically in the context of "À MARGEM - Trajetórias de Vida de Rua", a project about the homeless situation in the Azores.

- Scientific production and/or selected activities: An important theoretical contribution of my research relates with the analysis of the evolution of the conception of rational choice by providing an original exploration on the (in)commensurability of value and moral difficulty in individual choices. The original elaboration of the concepts of moral difficulty and action in conflict, within the framework of the pragmatist-institutionalist tradition, and their mobilization in the analysis of processes of institutional change is published in Costa and Caldas (2011) (<http://doi.org/10.2753/JEI0021-3624450308>). The contribution it makes to clarifying the pragmatist notion of habit and overcoming the habit-choice dichotomy remains relevant in theoretical debates in the field of political economy (see, for example, the defence of an institutionalist discursive tradition in political economy). The transposition of this debate on moral difficulty and value conflicts to public decision-making processes was published in Costa et al. (2016) (<http://doi.org/10.3197/096327116X14552114338909>).

The research on the political economy of austerity and the relationship between economic ideas, discourses and policies was published in Costa and Caldas (2014) (<https://ciencia.iscte-iul.pt/bo/author/publications/20818>). In line with this research, the analysis of the role played by the Department of Economic Studies of the Bank of Portugal in the recent evolution of economics research in Portugal was published in Costa (2019) (<https://ciencia.iscte-iul.pt/bo/author/publications/66388>). Thanks to my participation in the 10th conference of the European Society for the History of Science, we were able to collaborate with colleagues from other European universities on economic expertise, central banks and the processes of international circulation of economic ideas.

Besides these scientific productions, my participation in the creation of the PhD in Political Economy (<https://epoldi.net/>) remains a crucial activity in my academic trajectory. In fact, it has: a) filled a gap in advanced training in Portugal, aligning it with a novel international domain of research on the historical evolution of capitalism and its transformations; b) promoted the development of a scientific community aligned with the study of the evolution of capitalism in peripheral and semi-peripheral economies, such as the Portuguese economy, which constitutes in itself a novelty regarding the PhDs offered by major European teaching and research institutions.

[Ana Cristina Ribeiro dos Santos da Silva Ferreira](#)

20 [0000-0002-9121-9678](#)

B110-15D0-8F3B

Participation in the R&D Unit

- Has contract or link with a Portuguese institution? Yes
- Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)

| Name | Nuclear CV | Dedication % | ORCID iD |
|---|---------------|--------------|-------------------------------------|
| <ul style="list-style-type: none"> Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado em regime de «tenure» Professional category:Docente Universitário - Professor associado Retiree?No Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Ana Luísa Gonçalves Brandão | | | |
| Estêvão | | 100 | 0000-0002-6148-661X |
| 201E-924F-14D7 | | | |
| Participation in the R&D Unit | | | |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?Yes Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality:Contrato de trabalho a termo incerto Professional category:Investigador auxiliar Retiree?No Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Ana Mehnert Pascoal | | | |
| 331F-6B4A-C232 | | 100 | 0000-0001-6928-4265 |
| Participation in the R&D Unit | | | |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?Yes Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality:Contrato de trabalho a termo incerto Professional category:Investigador auxiliar convidado Retiree?No Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Ana Oliveira | | | |
| F913-C1F4-FD72 | | 100 | 0000-0003-4013-8584 |
| Participation in the R&D Unit | | | |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?Yes Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality:Contrato de trabalho a termo incerto Professional category:Investigador auxiliar Retiree?No Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Andrea Pavoni | | | |
| 2613-53E7-D69B | | 100 | 0000-0002-8797-9981 |
| Participation in the R&D Unit | | | |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?Yes Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality:Contrato de trabalho a termo incerto Professional category:Investigador auxiliar convidado Retiree?No | | | |

| Name | Nuclear CV | Dedication % | ORCID iD |
|---|---------------|--------------|-------------------------------------|
| <ul style="list-style-type: none"> Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Bruno Miguel Silva Oliveira 0813-A308-54E0 Participation in the R&D Unit | | 100 | 0000-0002-0537-5368 |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution? Yes Institution: Iscte Conhecimento e Inovação (Iscte CI-CVTT) Linking modality: Contrato sem remuneração Professional category: Investigador júnior Retiree? No Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Carlos Alberto Neves Almeida 6C12-23CF-3175 Participation in the R&D Unit | | 20 | 0000-0001-8831-7819 |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution? Yes Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality: Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure») Professional category: Docente Universitário - Professor auxiliar Retiree? No Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Catarina Ruivo Pereira 0712-8A46-072B Participation in the R&D Unit | | 100 | 0000-0002-9245-4194 |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution? Yes Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality: Contrato de trabalho a termo incerto Professional category: Investigador auxiliar convidado Retiree? No Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Diana Soeiro 3E1A-2683-B3BE Participation in the R&D Unit | | 40 | 0000-0002-6238-8042 |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution? Yes Institution: Instituto de Ciências Sociais da Universidade de Lisboa (ICS-ULisboa/ULisboa) Linking modality: Contrato de bolsa de investigação na instituição Professional category: Bolsa de investigação (BI) Retiree? No Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Diptes Bhimjee 2613-4194-81CD | | 40 | 0000-0003-4065-5805 |

| Name | Nuclear CV | Dedication % | ORCID iD |
|--|---------------|--------------|---|
| <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho em funções públicas a termo resolutivo certo • Professional category:Docente Universitário - Professor auxiliar convidado • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| <p>Duarte Valadas Roxo Juzarte Rolo 3C10-B30A-2710</p> <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Instituto Piaget, Cooperativa para o Desenvolvimento Humano, Integral e Ecológico CRL (IPiaget) • Linking modality:Contrato de trabalho a termo incerto • Professional category:Docente Universitário - Professor auxiliar convidado • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | 40 | https://orcid.org/0000-0002-0629-7533 |
| <p>Elisabete Caldeira Neto Tomaz AF10-31E7-0C87</p> <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho a termo incerto • Professional category:Investigador auxiliar • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | 90 | 0000-0002-8379-789X |
| <p>Fátima Suleman 671D-3E74-8777</p> <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado em regime de «tenure» • Professional category:Docente Universitário - Professor catedrático • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | ✓ | 40 | 0000-0002-5963-2892 |
| Narrative CV | | | |
| <ul style="list-style-type: none"> • Scientific and professional profile and career:Multidisciplinary higher education framed the academic activities. BSc in Sociology supported the early stage of sociological research at the Ministry of Labour (1988-96); MSc in Management and Economics was helpful for the coordination of a national programme on skill needs, invited by the Minister of Labour and | | | |

Qualification (1996-98); PhD in Economics (Iscte and University of Bourgogne - France) placed the research in the field of economic sociology to study the value of skills and labour market segmentation.

As principal investigator applied acquired skills in 2 FCT projects: BRIGHET - Bringing together Higher Education, Training, and Job Quality (2018-22); FLEX - Flexible wages for flexible contracts? The dynamics of the relationship between wage policy and employment contracts at the firm (2009-13); and SKILLNEEDS at regional level, funded by Camara Municipal de Albufeira. As researcher, examined same subjects in FCT projects: SOLID-JOB, Rebuilding solidarity in an age of job dualization (2021-24); REVAL - From internal devaluation to the revaluation of work: the case of Portugal (2018-22); Domestic Work and Domestic Workers: Interdisciplinary and Comparative Perspectives (2008-12); and the EU projects UNEMP - Qualitative study on coping strategies in the Crisis: How do Portuguese citizens cope with economic shock? (2013) and Catalyst: European VET Excellence Centre for Leading Sustainable Systems and Business Transformation (2022-26).

Teaching takes advantage of research related to economics of labour market, economics of education and skills at BSc and MSc; and on academic skills at MSc and PhD levels.

Management positions at Iscte include member of board of Laboratory for Innovation in the Academy (2023...); co-coordination of Youth Employment Observatory (2021...); scientific committee (2022-...); deputy director at DINAMIA'CET (2022...); head of Political Economy Department (2019-22); director of master's in human resources development policies (2004-15; 2022-...).

- Contributions to science and society:

1. Contributions to the generation of new ideas, tools, methodologies or knowledge: The value of skills in the labour market is the starting point of the research agenda and departs from the human capital thesis about the impact of productive skills on wages. The conclusions of this research raised new themes and led to the coordination of two research projects funded by the FCT. One is FLEX which focused on the analysis of companies' compensation policies, subjecting the thesis of the commodification of the employment relationship to an empirical test. Using thesis primary data, it was possible to reject neoclassical arguments of human capital and show how companies design wage rules that go beyond a pure market logic¹.

Subsequent work subjected the same theses to empirical testing with the Quadros de Pessoal, an administrative database that includes information on companies, establishments and workers in the private sector and the state business sector. It was possible to draw up a taxonomy of compensation policies for large companies in Portugal and establish a relationship between types of compensation policies and employment contracts, testing the theoretical arguments of labour market segmentation from the perspective of companies. The acquired knowledge and the methods tested at FLEX led to participation in the REVAL project to study the compensation policies in different capitalist European economies and to examine the evolution of compensation policies in Portugal; and to examine the youth employment conditions in firms adopting different compensation policies in Portugal in SOLID-JOB project. The taxonomies illustrate the hybridisation of pay rules with a predominance of institutionalist logic, and less favourable employment condition of young people working in low pay firms.

The segmentation arguments were used to examine the quality of jobs in domestic work², as part of the Domestic Work and Domestic Workers Project. Herein, other dimensions of segmentation were included, namely gender, ethnicity, migration, intersectionality, trust, and the devaluation of work. Trust, along with (unrecognised) skills, prevent a purely mercantile employment relationship in domestic work, rejecting the neoclassical assumptions about market-driven labour contractual arrangements.

The relationship between education, skills, and segmentation in the context of higher education massification was the core issue of the BRIGHET, playing the role of PI. The project aimed to study skill problems and solutions implemented by employers to mitigate those problems³; segments of young graduates in Portugal and in Southern

Europe in the context of higher education expansion and economic recession. BRIGHET created a space for thinking youth employment and thus supported the launch of the Youth Employment Observatory (OEJ) in 2021. The experience accumulated became relevant to the participation in the White Paper - More and Better Jobs for Young People, with the High Patronage of the President of the Republic (2022) and the monitoring of the 'Pact for More and Better Jobs for Young People', promoted by the José Neves Foundation and the PT Government.

BRIGHET benefited from literature reviews on employability skills⁴ and on the limitations of economic theory to define the concept of employability⁵ to further knowledge on the limitations of higher education in fully guaranteeing the employability of graduates. The knowledge on skills needs enabled the participation as researcher in the European Catalyst project European VET Excellence Centre for Leading Sustainable Systems and Business Transformation (2022-26), which will create a Centre of Vocational Excellence in Iscte in cooperation with the EU CoVE. BRGHET included the participation of a municipal partnership that aims creating bridges between different actors to cope with skill problems and increase the interaction between education stakeholders and employers⁶. This experience helps taking part in the debates on young people employability at local level.

1The impact of skills and performance on earnings: the evidence from retail bankers. Int. j. hum. resour. manag. (2012).

2 How household tasks shape employment contracts: The provision of care in Portugal. Fem. Econ. (2019, with A. Suleman).

3The employability skills of graduates and employers' options in Portugal: An explorative study of anticipative and remedial strategies. Educ. Train. (2018, with A.L. Costa).

4The employability skills of higher education graduates: insights into conceptual frameworks and methodological options. High. Educ. (2018).

5Revisiting the concept of employability through economic theories: Contributions, limitations and policy implications. High. Educ. Q. (2021).

6Higher education and employability skills: barriers and facilitators of employer engagement at local level. Educ. Sci. (2021, with P. Videira & E. Araújo).

2. Contributions to the training and career development of researchers and/or research teams: The contributions regard the teaching of academic skills at MSc and PhD programmes; the supervision MSc and PhD theses; and supervision of trainees in the FLEX and BRIGHET projects. Two curricular units attempt the acquisition of academic skills through students learning about design of scientific proposal, implementation, and definition of empirical strategy. MSc and PhD students are encouraged to disseminate their research in conferences and journals¹. The goal is to support potential research to learn about paper design and publications issues, and communication to broad audience through a dedicated training.

Efforts have also been developed to help D'C less experienced researchers to prepare research proposals and apply for national and EU grants. The effective way to encourage is providing support on the design of the scientific part through a discussion of the rationale, gap of the literature, and empirical strategy; discuss the communication and dissemination strategy; involve relevant stakeholders; and inform about the administrative tasks.

As project PI, the major activities comprised the supervision of trainees working with datasets, with literature review, and qualitative research. Trainees were involved in the research and writing some papers²⁻³

1P. Santos, P. Is it more than employability? Revisiting employers' perception of graduates' attributes. 7th HEAd'21 Conference, Universitat Politècnica de València - Conference Proceeding, (2021, with T. Esteves & F. Suleman).

2M. Pereira, Wage policy of medium and large Portuguese firms. Portuguese Journal of

Social Science (2013, with F. Suleman, S. Lagoa, A. Suleman).

3F. Mendes, Jobs for graduates: Using job advertisements to disclose economic and labour market conditions (under revision, F. Suleman & A. Suleman).

- Contributions to the scientific community: The reviewing of papers for journals in the higher education (HE), labour market, youth studies, and other social sciences fields has been a regular activity. Another contribution regards the engagement in scientific event as a member of scientific committee in conferences (SRHE - Society for Research into HE; HEAd' - HE Advances Annual Conference).

The evaluation panels include member of PhD assessment committee in foreign institutions: Rosa Garcia-Hernández: Approaches to Variable Pay Systems, University of Barcelona, Economics, 2016; Daniel Miravet i Arnau: El papel de la universidad y el mercado de trabajo en la adquisición, utilización y retorno de las competencias.

University Rovira i Virgili (Barcelona), Economics, 2012. It comprises the participation in the evaluation panel of Franck Bailly, De l'économie de l'éducation à la personnel economics: analyser les comportements d'entreprises, University of Lille, France, 2019, for the Habilitation à Diriger des Recherches.

Contributions comprise the organisation of a panel in SRHE, within the Employability, enterprise and graduate careers (EE) stream, under the subject HE and Employability: Graduates' Labour Market in Southern European Countries, 2021; Segmentation and Labour Market Regulation, in the stream Inequality, Precarisation, and Exclusion, in International Conference on Democracy and Participation in the 21st Century, 2017; and other scientific events in the context of FLEX and BRIGHET.

- Contributions to society: The contributions to the society comprise two major activities. One is related to engagement with public institutions as an expert in skill problems and labour market outcomes: Member of the debate of International Labour Office study on Portuguese labour market on decent work in Portugal 2008-2019, at Iscte (2018); Member of the group of experts invited by the Foundation for Science and Technology (FCT) for the Research and Innovation Agenda in the field of Labour, Robotization and Qualification of Employment, 2017-2018; Independent expert for the National Agency for Qualification and Vocational Education, 2014-2020.

The other regards the participation in public debates, which has become particularly relevant with the creation of the Youth Employment Observatory, followed by participation in the social and political agenda aimed at improving the quality of youth employment, namely the White Paper on Better Jobs for Young People. In this regard, the participation in televised debates related to the impacts of HE massification on young graduates' labour market is the major issue. The thoughts were also published in a chapter on graduate employability for the 2021 edition of the National Education Council's State of Education.

- Scientific production and/or selected activities: PhD subjects structured the research activity and illustrate the limitations of economics mainstream arguments of rational individuals and market coordination. Research question focuses on the value of skills, testing the human capital thesis about the impact of productive skills on wages and employers' options to cope with skill problems and manage the employment relationship. It is guided by economic sociology and comparative political economy arguments of the role of institutional and social structures to understand the labour market dynamics. The research developed as PI or researcher in projects contributed to: create a taxonomy of compensation policies; raise the question on the consequences of higher education massification; and place the employer in the research agenda as a core actor to contribute to the skills formation system, design the employment relationship model, and consequently determine the quality of jobs of educated and less-educated workers. The research draws on primary and secondary qualitative and quantitative data.

?Effective employment relationship models:

oCompensation policies and comparative capitalisms. Eur. J. Ind. Relat. (2022, with H. Duarte, C. Brewster, & A. Suleman. <https://doi.org/10.1177/09596801211054364>

| Name | Nuclear CV | Dedication % | ORCID iD |
|------|------------|--------------|----------|
|------|------------|--------------|----------|

oThe employment relationship in an (almost) structureless labour market: the case of domestic work. Camb. J. Econ. (2015). <https://doi.org/10.1093/cje/beu018>

?Massification of higher education:

oMoving beyond supply-side arguments to explain over-qualification: The ability to absorb graduates in different models of capitalism. Eur. J. Educ. 57(2): 342-360 (2022, with P. Marques & J.M. Costa) <https://doi.org/10.1111/ejed.12500>.

oEntering the labour market in the context of higher education reform and economic recession: Young bachelor and master graduates in Portugal. J. Youth Stud. 23(10): 1396-1417 (2020, with Figueiredo, M.C.) <https://doi.org/10.1080/13676261.2019.1679744>

?Employer options for skills problems:

oTackling regional skill shortages: from single employer strategies to local partnerships. J. Vocat. Educ. Train. 75(3): 607-626 (2023, with P. Videira, P., & E. Araújo). <https://doi.org/10.1080/13636820.2021.1931945>

The role in the publications is to define the rationale of the research, design of the study, major hypotheses, and discuss the type of empirical approach to pursue the goals. The co-authors are often statisticians or econometricians that apply suitable data analysis methods.

[Fernando de Jesus Monteiro dos](#)

[Reis Pires](#)

100 [0000-0002-2019-2439](#)

EB14-4EA6-FCE2

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:Casa Pia de Lisboa, I.P. (CPL)
- Linking modality:Contrato de trabalho a termo incerto
- Professional category:Técnico superior
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

[Filomena Maria Gerardo-Ponciano](#)

3511-9329-C327

20 [0000-0002-8651-3602](#)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:Santa Casa da Misericórdia de Lisboa (SCML)
- Linking modality:Prestação de serviços
- Professional category:Outras categorias, não equiparáveis às anteriores, exigindo habilitação superior
- Retiree?No
- Weighting factor:Higher education professors with an exclusive or full-time employment contract and other researchers, except those covered by the 0.2 category. - weighting factor = 0.50

[Florinda Maria Carreira Neto Matos](#)

AC19-64EB-6FC8



40 [0000-0002-9306-7313](#)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure»)
- Professional category:Docente Universitário - Professor auxiliar
- Retiree?No

Name**Nuclear
CV****Dedication % ORCID iD**

- Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

Narrative CV

- Scientific and professional profile and career: After completing a Bachelor's in Agricultural Production, in 1991, I embarked on a career as an Agricultural Engineer, focused on applied research in rainfed cereals. This experience led me to recognize the strategic challenges in the Portuguese agricultural setting, prompting me to pursue a Bachelor's in Agricultural Cooperatives Management, a Master's in Business Sciences, and later a Bachelor's in Agricultural Engineering. These studies enabled me to integrate my agricultural expertise with strategic management principles.
Transitioning to academia in 1996, I lectured in undergraduate, master's, and PhD programs at various institutions while also engaging in management consulting.
Recognizing the significance of intellectual capital, I delved into research that culminated with my PhD in Social Sciences - Specialization in Organizational Behavior Studies, with a thesis entitled "Intellectual Capital Management: From Theoretical Model to an Accreditation Essay" (2013). This research journey positioned me as a leading international expert in intellectual capital and knowledge management.
My research trajectory evolved to explore the intersectionality of knowledge management, sustainability, and digital transformation, with engagements in projects such as Global Knowledge Network and FIBR3D.
Currently, I lead various research initiatives, including CATALYST project, focusing on European VET Excellence and sustainable systems; the INITIATE project, emphasizing stakeholder collaboration and institutional reform; and the CERERE project, where I integrate expertise in cereals, social sciences, and management.
My extensive scientific background, coupled with teaching activities, underscores my commitment to knowledge dissemination. Concurrently, I hold management positions such as coordinating the Digital Transformation Line at SocioDigital Lab and chairing ICAA - Association for Intellectual Capital Management, reflecting my diverse skill set and leadership capabilities.
- Contributions to science and society:
 1. Contributions to the generation of new ideas, tools, methodologies or knowledge: The various activities and research projects I have participated in have allowed me to develop different ideas and methodologies.
Thus, by developing research within the scope of the projects "The impact of the measures of the program REDE, by IEFP, in small Portuguese companies." (2005- 2006) and "Techniques of Knowledge Management - Application methods and Business Development in the area of Viseu." (2005- 2006), I understood the importance of developing intellectual capital (IC) as a factor in the strategic development of organizations. In this research focused on SMEs, I understood the importance of managing organizations' intangible assets, giving them the same importance as financial assets. So, in 2008, I presented the first research on the subject with a paper entitled "Intellectual Capital Management - A Certification Model" in which I explored the advantages of auditing how companies manage their IC. Pursuing this goal, in 2010, I organized the 2nd European Conference on Intellectual Capital - ECIC 2010 at Iscte, in Lisbon, with the participation of the world's leading experts in IC management, such as Professor Leif Edvinsson.
Also in 2010, because I understood the importance of managing intangibles, as advocated by the Lisbon Strategy (2000) as fundamental to the development of a competitive Europe based on knowledge, I founded the ICAA - Intellectual Capital Association whose mission is to help transform IC into added value by contributing to sustainable development.
Between 2013 and 2016, I represented Portugal in the University of Leeds research project, Global Knowledge Research Network. This Project conducted a global study to

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identify future research needs in knowledge management with 222 KM experts (38 countries, 42 nationalities, 16 industries, government, international organizations, and NGOs, and 16 academic disciplines).

In 2013, having already carried out extensive research on IC management, I concluded my PhD with a study focusing on the SMEs of Excellence Awarded annually by IAPMEI. With this research, I demonstrated that it is possible to audit IC management and created a theoretical model capable of supporting this audit.

Based on this theoretical model, in 2015, it was possible to create a digital IC management audit tool, ICScore - Sustainable Intellectual Capital Management Scoring.

ICScore is a tool resulting from my doctoral research that allows companies to carry out their own self-diagnosis of IC management; in other words, it allows a company to position itself in the market using good, sustainable IC management practices.

This tool has undergone various developments and is currently in ICScore 5.0, adapted to the objectives of sustainability and digital transformation, and is one of the tools that will support the CATALYST Project in five European countries.

The CATALYST European VET Excellence Centre for Leading Sustainable Systems and Business Transformation Project (2022- 2026) has as its main objective the establishment of a CATALYST Professional Excellence Centre united in 5 countries to provide support, create an educational offer to address personal and organizational development and embrace transformation in SMEs, enabling and inspiring them to rethink and redesign their business models, co-creating and sharing between educational and business organizations. As part of this Project, I am currently coordinating the creation of a CoVE - Centre of Vocational Excellence, led by Dinâmia - Iscte and which will be called the " Future Skills Factory" with the intention that it will function as a research hub on the skills that will leverage the competitiveness of SMEs in the future.

Always concerned with innovation, competitiveness, and productivity of companies, in 2017 - 2018, I participated as a postdoctoral researcher in the FIBR3D Project (FCT 03/SAICT/2015), being responsible for the research on Social Impacts of Additive Manufacturing Technology on Business Models. In 2017 I was Principal Investigator on the KM3D Project - Knowledge Management in Additive Manufacturing: Designing New Business Models - FCT - (02/SAICT/2017). In these projects, I was able to combine my skills in the social sciences with knowledge management and technology, particularly the so-called technologies of the future. One of the main outputs was developing an additive manufacturing technology maturity mapping tool to improve decision-making processes. I would also like to highlight the support and creation of ideas from the various doctoral and master's research projects I have been involved with. For example, the company C-More (<https://cmore-sustainability.com/>) resulted from research into ESG that I was involved in for a master's degree.

- Contributions to the training and career development of researchers and/or research teams: My contributions to developing skills in master's and Ph.D. programs include the supervision of MSc and Ph.D. theses, which have enabled the development of various skills in different students.

Likewise, the coordination of scientific projects with diverse and multidisciplinary national and international teams (PhD, MSc students, post-doc researchers) has enabled the development of the scientific careers of these elements.

I also encourage MSc and PhD students to disseminate their research in conferences and journals. My goal is always to support potential researchers, to teach them about paper design and publication issues, and how to communicate to a broad audience. As a project PI, my major activities comprised the supervision of trainees and researchers, working with datasets, literature review, quantitative and qualitative research, and production of reports and tools that are important for responding to societal challenges.

- Contributions to the scientific community:By reviewing papers for journals, preparing papers and books with a high international impact, and conducting various studies within the scope of national and international projects, I have made an important contribution to the national and international scientific community.

The organization of more than ten scientific conferences (e.g., ISM 2023 - The International Conference on Industry 4.0 and Smart Manufacturing, ECKM 2023 - European Conference on Knowledge Management, ECRM 2023 - The European Conference on Research Methodology for Business and Management Studies), which have brought together some of the best players in the scientific community in their respective areas, are some examples of my contributions to the scientific community. These conferences result in several proceedings that are a way of disseminating scientific knowledge.

My participation in doctoral panels in various countries (e.g., Italy and Brazil) is also an excellent example of how I have been contributing to the scientific community.

Likewise, my participation as a keynote speaker at various international conferences has enabled the dissemination of the scientific knowledge acquired at the highest level.

As PI of the KM3D Project and national coordinator of international projects such as Global Knowledge Research Network, the CATALYST Project, and the CERERE Project, I have fostered the creation of national and international research networks while promoting the qualification of young researchers.

- Contributions to society:My contributions to society comprise some major activities.

One is collaborating with public institutions (e.g., IAPMEI, ANI) in promoting intellectual capital management and knowledge management as strategic development drivers for companies and other organizations. The development of ICScoring - Sustainable Intellectual Capital Management Scoring is an example of this contribution.

Another is my work with Portuguese SMEs (various publicity actions) to promote intellectual capital management and sustainability.

Likewise, the various courses (70 courses) being prepared under the CATALYST Project mentioned above aim to respond to the challenges of sustainability and digital transformation currently facing SMEs.

As the founder of ICAA - Intellectual Capital Association and promoter of various ICAA activities (e.g., Global Forum of Intellectual), I have endeavored to transfer knowledge to society (Portuguese and international), promoting economic and social development.

As an ambassador for The New Club of Paris (<https://new-club-of-paris.org/Z>) and a member of the Observatory on Knowledge Management and Innovation in Public Administration from IPEA - Institute for Applied Economic Research of Brazilian Government, I have promoted the knowledge resulting from research as a factor in the development of society.

Furthermore, my participation in the media, particularly writing more than 200 articles in the press, is an example of the transfer of knowledge to society.

- Scientific production and/or selected activities:Reflecting the diverse curriculum presented above, some of the most relevant publications are below.

These publications reflect the research I have been carrying out over the last decade, focusing on intellectual capital management, knowledge management, sustainability, and how digital transformation is transforming new business models, requiring an ever-greater use of differentiating technologies such as additive manufacturing or artificial intelligence.

- Espadinha-Cruz, P., Neves, A., Matos, F., & Godina, R. (2023). Development of a maturity model for additive manufacturing: A conceptual model proposal. *Heliyon*, 9(5), e16099. <https://dx.doi.org/10.1016/j.heliyon.2023.e16099>

- V. Fernandes, F. Matos, J.P. Oliveira, A. Neves, R. Godina (2023) Identifying strategic opportunities through the development of a roadmap for additive manufacturing: The example of Portugal, *Heliyon*, Volume 9, Issue 9. <https://doi.org/10.1016/j.heliyon.2023.e19672>

- Matos F, Vairinhos V, Godina R. Reporting of Intellectual Capital Management Using a Scoring Model. *Sustainability*. 2020; 12(19):8086. <https://doi.org/10.3390/su12198086>

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| - Matos, F. and Jacinto, C. (2019), "Additive manufacturing technology: mapping social impacts", Journal of Manufacturing Technology Management, Vol. 30 No. 1, pp. 70-97. https://doi.org/10.1108/JMTM-12-2017-0263 | | |
| - Matos, F., Vairinhos, V.M., Dameri, R.P. and Durst, S. (2017), "Increasing smart city competitiveness and sustainability through managing structural capital", Journal of Intellectual Capital, Vol. 18 No. 3, pp. 693-707. https://doi.org/10.1108/JIC-12-2016-0141 | | |
| - Matos, F.; Selig, P. M.; Henriqson, E.. Resilience in a Digital Age: Global Challenges in Organisations and Society. --, Suíça: Springer International Publishing. 2021. DOI: 10.1007/978-3-030-85954-1 | | |
| - Matos, F.; Valter Vairinhos; Salavisa, I.; Edvinsson, L.; Massaro, M.. Knowledge, People and Digital Transformation: Approaches for a Sustainable Future. Cham, Suíça: Springer International Publishing. DOI: 2020. 10.1007/978-3-030-40390-4 | | |
| - Matos, F.; Vairinhos, V.; Selig, P.; Edvinsson, L.. Intellectual Capital Management as a Driver of Sustainability: Perspectives for Organizations and Society. Cham, Suíça: Springer International Publishing. 2018. DOI: 10.1007/978-3-319-79051-0 | | |

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- Linking modality:Contrato sem remuneração
- Professional category:Outras categorias, não equiparáveis às anteriores, exigindo habilitação superior
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

[Francesca Vita](#)

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:Iscte Conhecimento e Inovação (Iscte CI-CVTT)
- Linking modality:Contrato de trabalho a termo incerto
- Professional category:Investigador júnior
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

[Gabriela Gonçalves](#)

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure»)
- Professional category:Docente Universitário - Professor auxiliar
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

| Name | Nuclear CV | Dedication % | ORCID iD |
|---|---------------|--------------|-------------------------------------|
| Gabriela Sofia Ribeiro Farinha 2117-0379-7FED Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Iscte Conhecimento e Inovação (Iscte CI-CVTT) • Linking modality:Contrato sem remuneração • Professional category:Outras categorias, não equiparáveis às anteriores, exigindo habilitação superior • Retiree?No • Weighting factor:Other researchers with residual dedication to R&D activities, including researchers with an average weekly dedication to research activity of less than 8 hours and part-time higher education professors. - weighting factor = 0.20 | | 20 | 0000-0002-8578-4072 |
| Glória Rebelo 2C19-9DBE-318F Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:COFAC, Cooperativa de Formação e Animação Cultural, CRL (COFAC) • Linking modality:Contrato de trabalho sem termo em regime de «tenure» • Professional category:Docente Universitário - Professor associado • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | 40 | 0000-0002-7596-7238 |
| Gustavo Toshiaki Lopes Sugahara 661D-7C0D-1B68 Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Iscte Conhecimento e Inovação (Iscte CI-CVTT) • Linking modality:Contrato sem remuneração • Professional category:Outras categorias, não equiparáveis às anteriores, exigindo habilitação superior • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | 20 | 0000-0002-8037-5835 |
| Helena Maria Sousa Lopes E217-DE45-219A Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado em regime de «tenure» • Professional category:Docente Universitário - Professor catedrático • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | ✓ | 30 | 0000-0003-1710-778X |

Narrative CV

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- Scientific and professional profile and career:My scientific and professional career had two phases, the first devoted to institutional functions and institutional development (1996/2006), the second more devoted to scientific publications (since 2006).
From 1996 to 2001, I was the director of Dinâmia, a period during which I coordinated 13 research projects of which 8 international, financed by European entities. The most relevant project was NORMEC - The Normative Dimensions of Action and Order (2001/2004) - financed by the 5th European Framework Program.
I was a member of the Executive Committee of a Network of Excellence - DIME - Dynamics of Institutions and Markets in Europe -, financed by the 6th European Framework Program, network coordinated by Bert Verspagen (University of Maastricht) and Patrick Llerena (Université de Strasbourg).
From 1995 to 2000, I was the Portuguese representative of SYSDem, an European Network of experts on employment, DGV-Employment and Social Affairs.
My activity in Dinâmia during the years I directed it focused on preparing it, in terms of institutional and research requirements, to be a research unit financed by FCT. Dinâmia was classified as Excellent in 2002, for the period 1998/2001.
From 2003 to 2010, I held functions in the Economics department, in which I created a master's degree in business economics and Competition (2006) and a PhD degree in Economics (2007). I coordinated the Master on Human Resources Policies (1995/2005, 2015/2021).
From 2008 to 2017, I was the Regional Director for Europe of the "Association for Social Economics" (an American association) and coordinated with Wilfred Dolfsma a research area on "Social Economics" at the European Association of Evolutionary Political Economy.
I began teaching at the Université Paris XII-Créteil (1983/85) and then moved to ISCTE where my teaching concentrates on labour economics.
I recently began to promote teaching on ecological issues, with the curricular unit "Ecological transition, work and employment".
- Contributions to science and society:
 - Contributions to the generation of new ideas, tools, methodologies or knowledge:My research agenda focuses on the concept and study of work. I reflected on the concept of work (drawing mostly on social philosophers like Hannah Arendt, Simone Weil and Axel Honneth) and on the absence of a definition of work in mainstream economic theory. The output of this reflection is the article "The centrality of work - a foundation for political economy" (Review of Political Economy, 2023), an article which I was invited to present as keynote speaker at the Association Française d'Économie Politique. This line of research led me to advocate and promote the analysis of social interactions and moral norms when studying work activity in an economic perspective. This is an innovative contribution in economic analysis.
My empirical studies concentrated on analysing the quality of work and its evolution in the era of financialised/neoliberal capitalism. The methodologies I use combine qualitative and quantitative data. Studying the quality of work requires drawing on qualitative self-reported data, such as the European Working Conditions Survey. The data bases can then be analysed with econometric and statistical methods used in economics and other social sciences. Most studies were carried out with comparative goals.
Along with using existing data bases, some of the projects in which I participated collected primary data. This is the case, for example, of the FESSUD - Financialisation, economy, society and sustainable development - project, financed by the 7th European Framework Program and coordinated by Malcolm Sawyer, University of Leeds.
The aim of my empirical studies has been to show the effects of the deterioration in the quality of work in terms of a dilution of the work collectives and of a decline in solidarity. In short, overall, the emancipatory potential of work has been decreasing.
Thanks to my participation in and under the influence of a multidisciplinary research group coordinated by Olivier Favereau at the Collège des Bernardins (Paris), I

supplemented my analysis of work with an analysis of the firm and its governance modes. In fact, understanding work requires also understanding the organisations where work takes place and managed, and vice versa: understanding organisations requires understanding work.

One of the outputs of this research group was the publication in 2016 of "Penser le travail pour penser l'entreprise » (Paris: Presses des Mines), a book edited by Olivier Favereau, which has been awarded the « Prix du meilleur ouvrage sur le travail » in 2017.

In recent years, my research has therefore focused on providing a theory of the firm alternative to the mainstream account of the firm, an endeavour whose outcome is the publication in December 2023 of "Political Economy of the Firm - Authority, Governance and Economic Democracy" (Routledge). This is an innovative contribution in economic theories of the firm. A major factor of such innovation is that, since it is recognized that firms are collective economic activities organized by political means, that is, power, the arguments developed in the book draw on political philosophy, a rare thing in economics. At the theoretical level, my mission as an economist is to make economics incorporate social interactions into its analytical frameworks, that is, the affective and moral dimensions of the human being, dimensions explicitly discarded by mainstream economics, which builds exclusively on rational choice theory. My aim has been to contribute to the construction of an alternative paradigm, based on ontological assumptions regarding the nature of the economic agent and the processes of coordination/regulation that differ from the reductive rationalism and the individualistic ontology currently dominant in economics.

At the policy level, my aim is to promote the quality of work and work life, which requires policies in various fields, namely, an adequate regulation of the use of digital technologies at work (to avoid further work, income, social, cultural and hence polarizations), adequate regulation of employment contracts, and a reform of corporate law in order to democratize work and the governance of firms.

Rather than listing my (22) publications in international academic indexed journals, I refer hereafter the names in the journals in which I published, for they are informative about the subjects of my articles: Economic and Industrial Democracy, Economic and Labour Relations Review, Journal of Institutional Economics, Review of Social Economy, Journal of Australian Political Economy, Industrial and Labour Relations Review, Journal of Economic Issues, Revista Crítica de Ciências Sociais, Portuguese Journal of Social Science, European Management Review, International Journal of Social Economics, Économies et Sociétés, The American Journal of Economics and Sociology, Revue du MAUSS, Review of Political Economy.

2. Contributions to the training and career development of researchers and/or research teams: The fact that I have been Principal Investigator of 16 projects shows that I created and led several research teams. Until 2001, most projects were applied research; after that, they have been more theoretical in nature. These projects gave several young colleagues and students (around a dozen) the opportunity to carry out their doctoral theses. In some cases, the projects provided them with the opportunity to carry out the empirical part of the thesis; in other cases, the projects offered an opportunity for openness and theoretical reflection that stimulated the development of their theses. For example, the NORMEC project gave rise to 5 PhD theses, 3 at Iscte, 1 at Université Paris X-Nanterre and 1 at the University of Trento, two partner institutions.

My participation, as PI, executive member, or researcher, in projects or networks financed by the 4th, 5th, 6th and 7th European Framework Programs shows that I played a significant role in establishing collaborations and internationalizing Dinâmia's research activity. All these projects were a valuable source of funding for the unit.

My participation in the multidisciplinary research network referred above, coordinated by Olivier Favereau (EconomiX, umr CNRS 7166) and Baudoin Roger at the Collège des Bernardins (Paris), "The company - forms of ownership and social responsibilities »,

from 2012 to 2019, did not provide any funding but greatly influenced my subsequent theoretical trajectory.

During the years that I coordinated the PhD in economics, I regularly organized workshops to teach and help PhD students and young colleagues publish articles. These sessions provided both theoretical and practical skills, lasting several hours over two days.

Of the six doctoral students that I supervised, four are professor-researchers in universities and one is researcher at the Banco de Portugal. I am currently supervising two doctoral students, one of whom is a young researcher.

- Contributions to the scientific community: I have participated in the following evaluation processes as a panel member or expert:

I am a member of the External Monitoring Committee of CICE - Centre for Studies in Business Sciences - of the Polytechnic Institute of Setúbal, since 2019.

In 2018, I was a member of the Evaluation Committee of the project "dossier 435-2018-1055" for the Conseil de Recherches en Sciences Humaines du Canada (CRSH).

2011, I acted as a member of the selection committee of the editors of the Journal "Forum for Social Economics", of the Association for Social Economics (USA).

From 2006 to 2011, I was a member of the Evaluation Panel for Master's and Doctoral Scholarships in Economics and Management, for the Fundação para a Ciência e Tecnologia (FCT).

I have also participated in editing and reviewing the following scientific publications:

From 2012 to 2017, I was a member of the Editorial Advisory Board of the "Review of Social Economy".

From 2007 to 2012, I was a member of the Editorial Committee of the magazine "Dirigir", of the Institute of Employment and Vocational Training (IEFP).

From 1996 to 2003, I was a member of the Editorial Advisory Board of "Research in Post-Compulsory Education".

Finally, I organized parallel sessions on "Social Economics" in all annual conferences of the European Association of Evolutionary Political Economy (EAEPE), from 2008 to 2016.

- Contributions to society: The multidisciplinary research group in which I participated, as referred above, coordinated by Olivier Favereau and Baudoin Roger at the Collège des Bernardins (Paris), "The company - forms of ownership and social responsibilities », gave rise to two important laws:

-The "Loi PACTE", LAW no. 2019-486 of 22 May 2019 on the growth and transformation of businesses, aims to simplify the life of companies and promote their development. By amending the Civil Code, the Pacte Act also puts companies back at the centre of society, allows greater consideration to be given to social and environmental issues and requires employee representatives to be on the management bodies of large companies.

-The "Loi sur le devoir de vigilance". The Duty of Vigilance Act was definitively adopted in March 2017. This law is the first in the world to introduce such a comprehensive duty of care and is presently under discussion for approval at the European Union level as the "Corporate due diligence rules agreed to safeguard human rights and environment".

These laws make a historic step towards ensuring that multinationals respect human and environmental rights.

Since 2017, I regularly publish articles in Jornal Público, one of the main Portuguese daily newspapers, on the subjects related to my teaching and my research, namely, work, the governance of firms and ecological concerns.

- Scientific production and/or selected activities: At the theoretical level, my main contributions are, as referred:

- the article "The centrality of work - a foundation for political economy, Review of Political Economy, 35:2, 494-509, DOI: 10.1080/09538259.2021.1958540

- the book "Political Economy of the Firm - Authority, Governance and Economic Democracy",

2023, Routledge (<https://www.routledge.com/Political-Economy-of-the-Firm-Authority-Governance-and-Economic-Democracy/Lopes-Clerc/p/book/9781032161426>)

These two publications comprise my main theoretical contributions to economic theory. The first proposes to replace the consumer by the worker/producer as the key economic agent. In effect, workers, contrary to consumers, are human beings whose behavior is affected by affective and moral abilities and dispositions, dimensions discarded by mainstream economics, which focusses on the rational choice consumer. By concentrating on an agent involved in a (work) collective rather than isolated, I draw an alternative account of the economic agent that departs from ontological individualism. The second publication provides an alternative theory of the firm, assumed to function thanks to authority, a non-coercive form of power. To be legitimate, authority requires that workers are involved in decision-making at all levels, operational and strategic. Both publications justify and provide a theoretical grounding for the democratization of both work and the governance of firms.

At the empirical level, my main contributions are the articles:

- Lopes H, Calapez T. Job polarisation: Capturing the effects of work organisation. The Economic and Labour Relations Review. 2021;32(4):594-613.

<https://journals.sagepub.com/doi/10.1177/1035304621996064>

- Lopes H, Lagoa S, Santos AC. Work conditions and financial difficulties in post-crisis Europe: Utility versus quality of working life. The Economic and Labour Relations Review. 2019;30(1):39-58. <https://journals.sagepub.com/doi/10.1177/1035304619827202>

These publications present the most relevant results of my empirical analyses. Based on available data sets (first paper) and on collected primary data (second paper), I show with econometric and statistical analyses that i) the conception of work in mainstream economics does not match with empirical evidence and ii) adequate labour regulation and powerful organized labour (trade unions, collective bargaining, and workers' voice in firms) can avoid polarizing effects and growing income and social inequalities.

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- Linking modality:Contrato sem remuneração
- Professional category:Outras categorias, não equiparáveis às anteriores, exigindo habilitação superior
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

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- Linking modality:Contrato de trabalho a termo incerto
- Professional category:Investigador auxiliar
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

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| Name | Nuclear CV | Dedication % | ORCID iD |
|---|---------------|--------------|-------------------------------------|
| <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Iscte Conhecimento e Inovação (Iscte CI-CVTT) • Linking modality:Contrato sem remuneração • Professional category:Investigador - Outra • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| <p>Ivyone Herrera-Pineda B315-BBF1-16D6</p> | | 100 | 0000-0002-1871-3960 |
| <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho a termo incerto • Professional category:Investigador auxiliar convidado • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| <p>Joana Pestana Gonçalves Lages 551E-3598-3A9D</p> | ✓ | 95 | 0000-0002-4734-3380 |
| <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho a termo incerto • Professional category:Investigador júnior • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| <p>Narrative CV</p> <ul style="list-style-type: none"> • Scientific and professional profile and career:An architect by training, I am an interdisciplinary researcher exploring the intersections of Architecture, Social Sciences, and Humanities. I am dedicated to action research and participatory projects involving co-design. My primary focus is spatial inequality, encompassing aspects such as housing precarity, the right to housing and the city, urban diversity, and gender inequality. Exploring how spatial design can challenge spatial inequality has been my research driving force. Since my Ph.D. in Urbanism finished in 2017, I secured funding for three projects as a principal investigator, including a CEEC Grant, totalling 580K Euros. <p>I have published book chapters and peer-reviewed journal articles, edited three books and two manuals, and participated actively in organizing lectures, cycles of talks, conferences, and thematic seminars, mainly focused on the concept of spatial justice and architectural research. The scope of my contribution was both methodological, searching for new ways of doing research, and epistemological, exploring theoretical frameworks to support the concept of spatial justice, forged in the field of urban geography, and expanded in my work to the realm of architecture.</p> <p>My background as an architect is also highly relevant since it provides me with the necessary tools to work in methodologies like research by design. Since 2002, I have worked as a licensed architect in multiple contexts (Spain, Portugal, Italy, and the UK) alongside acclaimed</p> | | | |

architects like Pritzker Prize winner Renzo Piano (RPBW Genoa) or dRMM Architects (London) before transitioning back to academia.

I would also like to highlight that I co-founded 'Mulheres na Arquitectura - MA' [Women in Architecture] in 2017, an NGO aiming to reflect/act on gender inequality regarding architecture and urban planning, the only one of its kind in Portugal. Since June 2023, I have been the president of the association.

- Contributions to science and society:

- Contributions to the generation of new ideas, tools, methodologies or knowledge: I shape my contributions along the following routes:

1. (RE)CONCEPTUALISING THEORY BASED ON PRACTICE

My ongoing project, 'Care(4)Housing: A Care through Design Approach to Address Housing Precarity,' explores the notion of spatial practices of care. This concept transcends spatial justice by aiming to redefine the value systems that underlie our roles as creators of space. This perspective has evolved through extensive fieldwork conducted in Portugal and Africa, culminating in the development of our 'Atlas of Spatial Care.'

Furthermore, my research underscores the re-conceptualization of participatory processes, emphasizing the agonistic potential within public spaces by prioritizing dissensus over consensus. This evolution leads to a post-consensual perspective that intricately aligns with the multifaceted challenges presented by informal settlements. Notably, a tangible manifestation of this research is found in the co-authored book chapter: 'Quinta da Vitória: Making the Invisible Visible-A Socially Engaged Public Art Experience' in the book Public Art: Place, Context, Participation (2018).

2. MAKING 'SPATIAL JUSTICE' OPERATIVE

Currently, I am a team member of an EEA Grant project dedicated to creating and fostering a 'Local Authorities Network for Equality'. Since 2021, I have conducted comprehensive workshops on Gender and Space for over 140 municipal technicians, covering 18 municipalities in Portugal. This is a fundamental effort to clarify the power of space for non-specialists and how we can use it to overcome discrimination. Although the program will end soon, we have already witnessed encouraging outcomes. The principles introduced through the training sessions have seamlessly integrated into the core agendas of participating municipal bodies, instigating a paradigm shift in how local authorities perceive and address matters of spatial justice and gender equality.

3. ENRICHING SPATIAL ANALYSIS THROUGH GENDER PERSPECTIVES

In the Portuguese context, gender had yet to be systematically explored as an analytical category when it comes to space. My research has actively addressed this gap by researching into the nuanced intersection of gender and space. Amid the challenges posed by the COVID-19 pandemic, my work has yielded a fresh perspective, specifically examining housing precarity through a gendered lens. This research identifies key disparities existing both before and during the pandemic and highlights the priorities articulated by and for women. These findings culminate in the book: Lages, J. & Sílvia Jorge (2020). Crise Pandémica e Crise na Habitação. Mulheres em foco [Pandemic and Housing Crisis. Women in Focus] (ISBN 9789897813658).

4. CARING FOR DESIGN RESEARCH WHILE WORKING WITH THE 'OTHERED'

As PI, I led a team of architects and social scientists to procure relevant data quickly to understand the precarity of the situation for those who could not 'stay at home' during the COVID-19 pandemic. In 2020, we applied a face-to-face survey of women in situations of precariousness and vulnerability. We understood that most surveys were then online based, keeping marginalised people out of the statistics. The importance of surveying/mapping what is 'under the radar' directly informs my research approach, then and now. In 2023, I conducted a new study in informal settlements, giving training to local associations and restoring the data to the communities involved. While I work mainly with qualitative research, those extensive surveys covering more than 600 families, show the importance I assign to using mixed methods when addressing

pressing and complex issues.

Since 2009, when I returned to academia after working as an architect for major firms, I have been using all the creative potential of my training. Beyond writing papers, many other types of outputs support my work. The production of dialogical objects (models, mock-ups, drawings, games, films) mobilises my research to respond to issues that emerge from the fieldwork. During COVID-19, I co-designed an illustrated manual (printed and audio-visual) with guidelines for 'staying at home'. Supported by the High Commission for Migrations and translated into seven languages, it was widely distributed, targeting migrant communities with little information.

5. FOSTERING ARCHITECTURE INTERDEPENDENCES

I am part of the MA [Women in Architecture] creative team that designed and created 'Earth as Home - Short course on Ecofeminisms and Space', an independent project of the Lisbon Architecture Triennale 2022, with funding from the Portuguese Directorate-General of the Arts. Articulating theory, practice, and experimentation, the course was inter-scalar, intersectional and decolonial. Through international conferences, workshops, and project discussion sessions, an ecofeminist vision of Architecture centred on care was presented and discussed.

- Contributions to the training and career development of researchers and/or research teams: Over the past four years, I secured funding for three projects as a principal investigator, totalling 580K Euros. In 2020, I was awarded a CEEC Grant (Scientific Employment Stimulus) from FCT, which allowed me a research contract at ISCTE (2020-2026) with the project '(Re)Housing Diversity. Research by design for fostering inclusion of 'othered' social groups' (€269K). The success rate of CEEC's grants is below 10%, and, in my edition, I was the only grant winner in the field of architecture/urban planning. In the following year, 2021, my project 'Care(4)Housing. A care through design approach to address housing precarity' was approved (€248K). This was also a very competitive call for all national R&D projects with an approval rate of 8,7%. This ongoing project allowed me to build a team of three post-doc fellows, architects and anthropologists, working permanently with me for three years.

As for teaching and supervising, since 2021, I have held the position of coordinator for a research group titled 'Contemporary Urban Challenges: From Policies to Practices in the Production of Space.' In this role, I offer tutorial guidance to PhD students enrolled in the Doctoral Program in Architecture of Contemporary Metropolitan Territories at ISCTE, where I also taught 'Research Methodologies' (2020 to 2022). Currently, I am actively supervising two PhD students, with completion dates in 2024 and 2025, as well as mentoring one Master's student (expected 2024). Additionally, I serve as a co-supervisor for a Marie Curie Fellow (2022 edition).

I was one of the co-founders of 'REDE-H', a national network for housing studies. Launched in February 2020, it now has more than 160 researchers, including activists and NGOs. Since 2022 I have been part of the core group that manages this organic network. I am also a member of the European Network of Housing Research and Architectural Humanities Research Association.

Last year I was granted an ISCTE Scientific Award (€2.5K).

- Contributions to the scientific community: Not only have I played integral roles such as editing, engaging in peer review both nationally and internationally, and contributing to various evaluation processes, spanning academic juries to awards, but I have also led initiatives to organize events that directly enrich the scientific community. Since 2021, DINÂMIA'CET has been a partner in the New European Bauhaus initiative. As the point of contact for this EU endeavour within my research unit, I led the 'Togetherness' project (2021-2023). As part of this initiative, I coordinated 'Co-Design Views,' an official event of the New European Bauhaus Festival in 2022, presenting 40 videos showcasing diverse perspectives on co-design from Portugal.

As keynote speaker, two of my notable instances include 'Reinventing the City through Commoning' at the TUR'20 - Technopolitics in Urban Regeneration International

Conference (2020) and 'Practicing as a Verb. Practicing as an Adjective' at the Design Research Series on Methods (DR_SoM), hosted by the Architecture Research Network (ARENA) in 2018.

I also recognize the need for cultivating a dynamic and globally connected research environment. In 2023, I integrated two researchers into my ongoing project, Care(4)Housing: an early career researcher from a Belgian university and a specialist architect focusing on Brazilian favelas. My commitment extends to actively supporting diverse research activities, both within and beyond the confines of our research unit.

4. Contributions to society: Working for more than a decade in the topic of housing rights, with a committed emphasis on tangible outcomes, my research serves both dwellers and researchers, calling for a production of knowledge engaged with real problems. My work on how to operate 'spatial justice' directly catalysed the formulation and enactment of Portuguese Law 36/2018, dated May 22, which facilitates the exceptional regularization of power supply in informal settlements. Through a process of mediation and articulation with multiple actors, I supported an initiative that showed viability, demonstrating its feasibility through meticulous research and advocacy efforts. The impact of this law has been profound, heralding significant enhancements in the quality of life of disenfranchised communities living in informal settlements in Portugal.

More recently, my ongoing project Care(4)Housing, made pioneering efforts to introduce Community Land Trusts (CLTs) in Portugal, a model of non-speculative housing not yet implemented in Southern European countries. In my pursuit to adapt and implement CLTs in areas marked by longstanding housing precarity, I wrote in 2023 a successful application to re:arc institute, funded at €50K. Made in close partnership with an informal neighbourhood awaiting urban redevelopment, by laying the groundwork for this innovative housing model, we anticipate setting a precedent that could deeply transform housing policies and practices in Portugal and Southern Europe.

- Scientific production and/or selected activities: Although the housing crisis is currently a highly exposed theme, my interest in the topic of precarious housing and housing policies is more than a decade old.

My research during COVID-19 produced a novel perspective that investigates housing precarity from a gendered perspective, identifying the main inequalities before and during the pandemic and the priorities proposed for/from women. The result was expressed in a book: Lages, J. & Sílvia Jorge (2020). Crise Pandémica e Crise na Habitação. Mulheres em foco [Pandemic and Housing Crisis. Women in focus] (ISBN 9789897813658).

My latest paper of 2023, entitled 'A gendered taxonomy on housing precarity: Challenges from Lisbon Metropolitan Area during the COVID-19 pandemic' (DOI 10.21680/2177-8396.2023v35n1ID32254) is another contribution to this topic. My research showed that gender-related factors often influence housing experiences and challenges, a discussion yet to be had in the Portuguese context.

My writings emphasise the transdisciplinary character of the research I have been involved in, intersecting policy, architectural practice, and participation in diverse publications. The paper 'The right to the city: The struggle for survival of Cova da Moura' published in the European Journal for Research on the Education and Learning of Adults in 2018, (DOI 10.3384/rela.2000-7426.ojs205), that I co-authored, addresses participation and citizen involvement, a constant in my work.

Lastly, I will highlight 'Abrir Abril' [Open April], an innovative citizen science project involving universities and neighbourhood associations, that I coordinate. Supported by the Lisbon Municipality (€50K), 'Abrir Abril' is dedicated to celebrating democracy's upcoming 50th anniversary, in 2024, by highlighting its achievements regarding the right to housing. The project's objective is to engage and empower communities in three Lisbon neighbourhoods through the creation of living history labs, forums, and guided tours. Centred on the Right to Housing during the transition from dictatorship to democracy, 'Abrir Abril' collects testimonials from residents about their struggles for decent housing. These narratives are showcased in an

| Name | Nuclear CV | Dedication % ORCID iD |
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exhibition and a documentary film, celebrating the resilience and achievements of individuals in their pursuit of adequate housing.

[João Camargo Ribeiro Marques dos Santos](#)

40 [0000-0003-3100-7478](#)

8515-4BD0-F0BC

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:Iscte Conhecimento e Inovação (Iscte CI-CVTT)
- Linking modality:Contrato sem remuneração
- Professional category:Outras categorias, não equiparáveis às anteriores, exigindo habilitação superior
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

[João Luís Paiva da Silva](#)

30 [0000-0002-5325-1191](#)

C317-132D-765A

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de trabalho sem termo em regime de «tenure»
- Professional category:Docente Universitário - Professor auxiliar
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

[João Salis Gomes](#)

20 [0000-0003-1465-856X](#)

8C17-F54C-34D9

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure»)
- Professional category:Docente Universitário - Professor auxiliar
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

[Joaquim Eduardo Simões e Silva](#)

25 [0000-0002-2736-3480](#)

D710-58A8-A456

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:Iscte Conhecimento e Inovação (Iscte CI-CVTT)
- Linking modality:Contrato sem remuneração
- Professional category:Aposentado com vínculo
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

| Name | Nuclear CV | Dedication % | ORCID iD |
|--|---------------|--------------|-------------------------------------|
| Jorge Gabriel da Rosa Neves 2D19-A3AA-4FF9 Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Câmara Municipal de Lisboa (CML) • Linking modality:Contrato de trabalho a termo incerto • Professional category:Técnico superior • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | 40 | 0000-0003-3003-3543 |
| Jose Evaldo Geraldo Costa A514-7F67-62D0 Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de bolsa de investigação na instituição • Professional category:Bolsa de investigação (BI) • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | 100 | 0000-0003-2528-9587 |
| José Gonçalves das Neves 9810-83D1-154E Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Iscte Conhecimento e Inovação (Iscte CI-CVTT) • Linking modality:Contrato sem remuneração • Professional category:Investigador - Outra • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | 30 | 0000-0003-4197-0882 |
| josé luís possolo de saldanha 6F1A-A1D3-49EB Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado em regime de «tenure» • Professional category:Docente Universitário - Professor associado • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | 30 | 0000-0002-5149-4560 |
| José Manuel Esteves Henriques B417-D445-C913 Participation in the R&D Unit | | 40 | 0000-0003-2490-5552 |

| Name | Nuclear CV | Dedication % | ORCID iD |
|---|------------|--------------|-------------------------------------|
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?Yes Institution:Iscte Conhecimento e Inovação (Iscte CI-CVTT) Linking modality:Contrato sem remuneração Professional category:Aposentado com vínculo Retiree?No Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Leonor Cabral Matos Silva | | 100 | 0000-0002-8413-5003 |
| 8D1F-1DC9-7709 | | | |
| Participation in the R&D Unit | | | |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?Yes Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality:Contrato de trabalho em funções públicas a termo resolutivo incerto Professional category:Investigador júnior Retiree?No Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Lídia Marta Canha Fernandes | | 40 | 0000-0003-3098-6395 |
| E517-FB48-C586 | | | |
| Participation in the R&D Unit | | | |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?Yes Institution:Iscte Conhecimento e Inovação (Iscte CI-CVTT) Linking modality:Contrato sem remuneração Professional category:Investigador júnior Retiree?No Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Luís Miguel Martins Gomes | | 40 | 0000-0003-4286-6470 |
| 1416-784A-0208 | | | |
| Participation in the R&D Unit | | | |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?Yes Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure») Professional category:Docente Universitário - Professor auxiliar Retiree?No Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Luis Poças | | 20 | 0000-0001-6332-4537 |
| 7413-06CD-4114 | | | |
| Participation in the R&D Unit | | | |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?Yes Institution:Groupama Seguros S.A. Linking modality:Contrato de trabalho a termo incerto Professional category:Outras categorias, não equiparáveis às anteriores, exigindo habilitação superior | | | |

| Name | Nuclear CV | Dedication % | ORCID iD |
|---|---------------|--------------|-------------------------------------|
| <ul style="list-style-type: none"> • Retiree?No • Weighting factor:Higher education professors with an exclusive or full-time employment contract and other researchers, except those covered by the 0.2 category. - weighting factor = 0.50 | | | |
| Maria Assunção Gato 0617-D8A7-77F0 | | 100 | 0000-0001-6362-0942 |
| Participation in the R&D Unit | | | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho a termo incerto • Professional category:Investigador júnior • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Maria da Paz Campos Lima BD19-6100-CBD9 | | 30 | 0000-0002-3907-503X |
| Participation in the R&D Unit | | | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Iscte Conhecimento e Inovação (Iscte CI-CVTT) • Linking modality:Contrato sem remuneração • Professional category:Investigador auxiliar • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Maria Eduarda Gonçalves 6C1D-6933-CB0B | | 70 | 0000-0002-3396-2324 |
| Participation in the R&D Unit | | | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Iscte Conhecimento e Inovação (Iscte CI-CVTT) • Linking modality:Contrato sem remuneração • Professional category:Investigador - Outra • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Maria José Palma Lampreia dos Santos 011D-55C7-976C | | 35 | 0000-0002-1992-0419 |
| Participation in the R&D Unit | | | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho a termo incerto • Professional category:Docente Universitário - Professor associado • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |

| Name | Nuclear CV | Dedication % | ORCID iD |
|--|---------------|--------------|-------------------------------------|
| Maria Margarida Moreira de Carvalho Perestrelo 111D-0B0B-0928 Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Iscte Conhecimento e Inovação (Iscte CI-CVTT) • Linking modality:Contrato sem remuneração • Professional category:Investigador - Outra • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | 40 | 0000-0003-1565-2928 |
| Maria Teresa Esteves Costa Pinto 8610-D459-BA25 Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado em regime de «tenure» • Professional category:Docente Universitário - Professor associado • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | 30 | 0000-0002-8007-6157 |
| Maria Teresa Marques Madeira da Silva F517-8D55-84D0 Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado em regime de «tenure» • Professional category:Docente Universitário - Professor associado • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | 30 | 0000-0001-8413-7036 |
| Mariana Rodrigues Mortágua 3B14-7E27-9730 Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho a termo incerto • Professional category:Outras categorias, não equiparáveis às anteriores, exigindo habilitação superior • Retiree?No • Weighting factor:Higher education professors with an exclusive or full-time employment contract and other researchers, except those covered by the 0.2 category. - weighting factor = 0.50 | | 30 | 0000-0002-5533-7765 |

| Name | Nuclear CV | Dedication % | ORCID iD |
|---|---------------|--------------|-------------------------------------|
| Marianna Paz do Monte 8F1E-5ED2-E76D Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Iscte Conhecimento e Inovação (Iscte CI-CVTT) • Linking modality:Contrato sem remuneração • Professional category:Outras categorias, não equiparáveis às anteriores, exigindo habilitação superior • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | 20 | 0000-0001-5107-848X |
| Marta Sequeira Carneiro 271E-C910-5EFD Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure») • Professional category:Docente Universitário - Professor auxiliar • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | 40 | 0000-0001-8625-3049 |
| Mónica Ribeiro Moreira Pacheco Navarro 8510-521A-37BE Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure») • Professional category:Docente Universitário - Professor auxiliar • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | 30 | 0000-0002-4131-5741 |
| Nuno David 1814-2DF3-3B81 Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado em regime de «tenure» • Professional category:Docente Universitário - Professor associado • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | 30 | 0000-0001-8141-5053 |

| Name | Nuclear CV | Dedication % ORCID iD |
|--|---------------|---|
| Nuno Miguel da Costa Bento 1B19-5AC8-66D5 | ✓ | 100 0000-0002-5923-0666 |

Participation in the R&D Unit

- Has contract or link with a Portuguese institution? Yes
- Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality: Contrato de trabalho a termo incerto
- Professional category: Investigador auxiliar convidado
- Retiree? No
- Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

Narrative CV

- Scientific and professional profile and career: I am Nuno Bento, an Integrated Researcher at the DINÂMIA'CET research centre at University Institute of Lisbon - ISCTE. Throughout my career, I have gathered much experience in research and academia and have contributed extensively in the field of technological change, energy, and climate change, where I currently continue to explore and innovate.

As an economist deeply committed to sustainable development, my career has been driven by a passion for understanding and addressing complex societal challenges in the context of the sustainability transition. After completing my Ph.D. at Université de Grenoble in France, I embarked on postdoctoral journeys at the Institute of Applied Systems Analysis (IIASA) in Austria, and Harvard Kennedy School in the US, which profoundly shaped my research trajectory. Currently, I am an Integrated Researcher at ISCTE, where I also teach postgraduate levels including the Interdisciplinary Seminar of the Master (MSc) in Governance and Sustainability of the Sea during the academic year 2022/2023. Previously, I have also held other teaching positions as Invited Assistant Professor at Universidade Católica Portuguesa, Faculdade de Economia do Porto and Université de Grenoble, where I taught macroeconomics and business globalization, sustainable development, and statistics and industrial organization, respectively. Throughout my research career, my roles have included leading research projects, contributing to scientific publication, and engaging with scientific societies. I have balanced my research pursuits with policy advice and engagement in academic governance taking on responsibilities at department and university level, enriching my research perspective.

- Contributions to science and society:
 1. Contributions to the generation of new ideas, tools, methodologies or knowledge: My research has helped advance scientific knowledge on three crucial questions for urgent decarbonisation:

What are the dynamics and factors influencing the formation and diffusion of innovative energy technologies, and how can these be measured and steered to accelerate low-carbon transitions?

This question encompasses the studies focused on the duration and drivers of the formative phase of new technologies, and the role of small scale (granularity) in the development and diffusion of innovation.

This has been mainly discussed in papers such as "Time to get ready: Conceptualizing the temporal and spatial dynamics of formative phases for energy technologies" (Bento, Wilson, Anadon, 2018) in Energy Policy, "Measuring the duration of formative phases for energy technologies" (Bento and Wilson, 2016) in Environmental Innovation and Societal Transitions, and "Granular Energy Technologies for Accelerating Low-Carbon Transformation" (Wilson, Grubler, Bento et al., 2020) in Science.

This work has motivated a few invitations for consulting by international organizations

| Name | Nuclear CV | Dedication % ORCID iD |
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such as the International Energy Agency's (IEA) Energy Technology's Perspective 2020, the Group of Chief Scientific Advisors to the European Commission, or for reviewing the Intergovernmental Panel on Climate Change (IPCC) Special Report on Global Warming of 1.5°C (SR15).

How can we achieve significant reductions in energy demand to meet climate goals and sustainable development goals?

This question has been addressed by exploring low energy demand (LED) scenarios for meeting the 1.5°C target without negative emission technologies and modelling socio-behavioural and technological innovations for reduced energy demand in several sectors, including buildings and appliances.

This has been developed in studies such as "A Low Energy Demand Scenario for Meeting the 1.5°C Target and Sustainable Development Goals without Negative Emission Technologies" (Grubler, A., Wilson, C., Bento, N., et al., 2018) in Nature Energy, "Modelling socio-behavioural, technological, and infrastructural innovations for low energy demand in buildings - Current state and research needs" (Mastrucci A., Niamir L., Boza-Kiss B., Bento N., et al., 2023), in Annual Review of Environment and Resources, "Digital convergence and sharing in consumer goods for improving lives and reducing carbon emissions" (Bento, 2023) in Environmental Research Letters, and "Leverage demand-side policies for energy security" (Bento et al., forthcoming) in Science.

The LED scenario became one of the reference scenarios (P1) of the last IPCC WGIII report (2023). I have received an invitation from the Government of Japan to present the preliminary results of the energy security paper, which is going to be published soon in Science, at the UN COP28 in Dubai.

What are the roles and impacts of national policies, corporate strategies, and sectoral change in accelerating the transition to a low-carbon society?

This question encompasses the studies on the role of market-pull policies in promoting green energy, the effects of national climate policies on corporate behaviour, the determinants of corporate internal carbon pricing, and the assessment of crowdfunding as an alternative mechanism for financing sustainable projects. It also covers the works on the transformative potential of emerging energy technologies on spurring interactions among sectors and sectoral change.

These topics have been developed in papers such as "Market-pull policies to promote renewable energy: a quantitative assessment of tendering implementation" (Bento, Borello, Gianfrate, 2020) in Journal of Cleaner Production (JCP), "National Climate Policies and Corporate Internal Carbon Pricing" (Bento, Gianfrate, Aldy, 2021) in The Energy Journal, "Determinants of Internal Carbon Prices" (Bento and Gianfrate, 2020) in Energy Policy, "Crowdfunding for Sustainability Ventures" (Bento, Gianfrate, Thoni, 2019) in JCP, "Do Crowdfunding Returns Reward Risks? Evidences from Cleantech Projects" (Bento, Gianfrate, Groppo, 2019) in Technological Forecasting & Social Change (TF&SC), "Sectoral and territorial effects of experimenting in early phases of energy innovations: lessons from 20 years of marine renewable technologies in Portugal" (Fontes, Aguiar, Bento, 2022) in Finisterra, "Inter-sectoral relations to accelerate the formation of technological innovation systems: determinants of actors' entry into marine renewable energy technologies" (Bento, Fontes, Barbosa, 2021) in TF&SC, and "Unleashing the transformative potential of innovations" (Fontes, Bento, Andersen, 2021) in Environmental Innovation and Societal Transitions.

Bento and Gianfrate (2020) received the "Highly Commended" distinction by the 2024 Financial Times Academic Research Award for the best papers with societal impact. Aguiar, Fontes and Bento (2022) was granted an Honourable mention in the 2023 Awards of the journal Finisterra for the best publications in 2022.

2. Contributions to the training and career development of researchers and/or research teams:As coordinator and PI, I led the research project Sus2Trans funded by FCT analysing conditions for sustainable transformations. I also led internationally funded research projects such as "Lower is Securer" on energy security backed by the Japanese Ministry of Economy, Trade and Industry (METI) and RITE through EDITS (Energy Demand Changes Induced by Technological and Social Innovations). I am part of this research network and coordinate locally. As co-PI on OCEANTRANS, I enhanced our understanding of new ocean energy technologies and their effects on sea-related activities. I evaluated cohesion policy programmes funded by the ERDF, and explored public procurement markets in Portugal for the National Innovation Agency (ANI). Our study "Mercado da Contratação Pública de Inovação em Portugal" and associated paper "Robust relation between public procurement for innovation and economic development" (Bento et al.,2022) created the basis for the new Portuguese Competence Centre for Innovation Procurement (CC-CPI _PROCURE+i). I supervised research on renewable energy and societal acceptance of the MISTRAL project under Horizon 2020. I helped train and develop the careers of hired researchers, by supervising postdocs, grant holders and other collaborators involved in research projects, ensuring an environment of mutual learning and growth. This helped the careers of junior researchers including Tiago Alves now assistant professor in academia after participating in the Sus2Trans project, or Juliana Barbosa hired by LNEG national laboratory after working on the Oceantrans project. Academically, I co-supervise Ross Wallace in his doctorate studies on the acceptance of renewable energy infrastructure. I supervised Tuukka Mäkitie from Oslo University during his visit for doctorate research on structural couplings in sustainability transitions, at the end of which he got a permanent position at SINTEF. I guide half dozen master's students at ISCTE on their research dissertations.
3. Contributions to the scientific community:My commitment to fostering knowledge on climate change and sustainability development led me to contribute to scientific publication, participate in evaluation panels, advise on policy making, and organise scientific events.
As a member of the academic community, I served on editorial boards, including the European Journal of Innovation Management (Q1), and was acknowledged as an Outstanding Reviewer by several scientific journals (all Q1). I have refereed fifty papers for 28 different scientific journals mainly Q1. I was also engaged with scientific societies including the International Association for Energy Economics (IAEE) and the Sustainability Transitions Research Network (STRN). I also served as president and member of the jury for hiring new researchers at ISCTE and other institutions including LNEG, as well as examiner in academic juries in several universities.
As an expert, I have been invited to consult for research projects (e.g. HydroFrame in Austria), as well as to advise on policy making including the Group of Chief Scientific Advisors of the European Commission and the Portuguese government.
Finally, as an event coordinator, I have led conferences and workshops including the international conference of the EDITS network and the Sus2Trans project conference, both in 2023. I chaired sessions in national and international meetings, moderated events, and received invitations to speak in global forums like UN COP28 and Oxford Symposium.
4. Contributions to society:My work extends beyond academia, impacting policy and society, especially in the realm of the fight against climate change and sustainable development. In terms of knowledge transfer and the presentation for civil society, I have been invited to present about new approaches to energy security in the Japanese Pavilion at the UN COP 28 in Dubai. I have also communicated results through the organization of seminars with policymakers and the publication of policy briefs (e.g., the Oceantrans's policy brief).
I have disseminated the findings in large events for the public such as the European Researchers' Night on Climate Science in 2021 or the Science Meeting '18 organized by

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the Portuguese Ministry for Science and Education, and summer schools. I have also been invited to present by student associations, public libraries, and companies (including premium hotel chains). The results of my research have appeared in mainstream media (TV, radio, physical and digital newspapers) for wide dissemination, both at national and international (France, Brazil, and with global reach) levels.

- Scientific production and/or selected activities: "Time to get ready: Conceptualizing the Temporal and Spatial Dynamics of Formative Phases for Energy Technologies" (Bento, Wilson, Anadon, 2018: 10.1016/j.enpol.2018.04.015) in Energy Policy - this extends understanding on the lengths and drivers of the formative phase of energy technology; "A Low Energy Demand Scenario for Meeting the 1.5°C Target and Sustainable Development Goals without Negative Emission Technologies" (Grubler, Wilson, Bento, et al., 2018: 10.1038/s41560-018-0172-6) in Nature Energy - ground-breaking publication showing the untapped potential of demand-side solutions for accelerated decarbonisation; "Granular Energy Technologies for Accelerating Low-Carbon Transformation" (Grubler, Wilson, Bento, et al., 2018: 10.1126/science.aaz8060) - provides overwhelming evidence showing that smaller scale technologies consistently present advantages in terms of speed and impact of diffusion and other socioeconomic benefits over lumpy technologies; "Leverage demand-side policies for energy security" (Bento et al., forthcoming: 10.1126/science.adj6150) in Science - a fresh look into energy security showing the unbalanced way that energy security has been addressed in studies and policy, and proposing a new methodology that takes into account the benefits of a larger range of strategies, resulting from the collaboration of an international team of researchers that I coordinated; "Determinants of Internal Carbon Prices" (Bento and Gianfrate, 2020: 10.1016/j.enpol.2020.111499) - delved into the factors that make large companies adopt and price carbon internally; the paper received the "Highly commended" distinction by the 2024 Financial Times Award on research with societal impacts.

These works highlight my contribution to the advancement of knowledge on technological change and sustainable transitions.

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution? Yes
- Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality: Contrato de trabalho a termo incerto
- Professional category: Investigador júnior
- Retiree? No
- Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

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| Name | Nuclear CV | Dedication % | ORCID iD |
|--|---------------|--------------|----------|
| Participation in the R&D Unit | | | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Bak Gordon Arquitectos, Lda. (BGA) • Linking modality:Prestação de serviços • Professional category:Outras categorias, não equiparáveis às anteriores, exigindo habilitação superior • Retiree?No • Weighting factor:Higher education professors with an exclusive or full-time employment contract and other researchers, except those covered by the 0.2 category. - weighting factor = 0.50 | | | |

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
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- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de investigação (BI)
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

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- Has contract or link with a Portuguese institution?Yes
- Institution:Ministério da Cultura - Gabinete do Ministério da Cultura (MC)
- Linking modality:Nomeação ou designação
- Professional category:Outras categorias, não equiparáveis às anteriores, exigindo habilitação superior
- Retiree?No
- Weighting factor:Other researchers with residual dedication to R&D activities, including researchers with an average weekly dedication to research activity of less than 8 hours and part-time higher education professors. - weighting factor = 0.20

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
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- Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure»)
- Professional category:Docente Universitário - Professor auxiliar
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

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|---|---------------|--------------|-------------------------------------|
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| | | | |
|--|---|----|-------------------------------------|
| Paulo Miguel dos Santos Marques ED17-3D9A-AA5E | ✓ | 30 | 0000-0001-5053-8827 |
| Participation in the R&D Unit | | | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure») • Professional category:Docente Universitário - Professor associado • Retiree?No • Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |

Narrative CV

- Scientific and professional profile and career:Paulo Marques holds a PhD in Economics (2015), a master's in economics and public policies (2010) and a bachelor's in Sociology (2008). Furthermore, he also concluded post-graduate studies in data analysis (2011). Throughout his education he studied at ISCTE and at the London School of Economics and Political Science (LSE). His PhD thesis was funded by FCT through an individual doctoral grant (2012-2015). His research interests focus on studying labour market segmentation and labour market policies.

Currently, Paulo Marques is Associate Professor in the Department of Political Economy (ISCTE) where he teaches comparative political economy and labour economics. Previously, he was Assistant Professor at ISCTE (2019-2023). He is an integrated researcher at DINÂMIA'CET-ISCTE.

Paulo Marques is currently coordinating two research projects as principal investigator, namely the SOLID-JOB project (funded by FCT, about 250.000,00 €, 2021-2024), and the collaborative project with the Portuguese Public Employment Services - IEFP (funded by IEFP, about 75.000,00 €, 2023-2026). Previously, he participated as team member in two research projects funded by FCT (BRIGHET and REVAL). He is also co-coordinating the Youth Employment Observatory (YEO), launched in 2021 and hosted by DINÂMIA'CET-ISCTE.

As for management responsibilities, he is director of the master's in political economy, is member of the scientific commission of DINÂMIA'CET-ISCTE, and coordinates one integrated thematic line (regulatory and governance challenges for complex societies) of DINÂMIA'CET-ISCTE. Previously, he was a board member of the Institute for Public Policies (IPPS-ISCTE), a non-profit institution dedicated to the promotion of the quality of public and social policies.

- Contributions to science and society:

1. Contributions to the generation of new ideas, tools, methodologies or knowledge: Paulo Marques' research contributes to the field of comparative political economy. In this scope he has been studying labour market segmentation and labour market policies. In both thematic areas he has been particularly interested in the position of young labour market participants. For instance, the papers he published for the Socio-Economic Review (Marques and Salavisa, 2016), Comparative European Politics (Marques and Horisch, 2020), the European Journal of Education (Marques, Suleman and Costa, 2022) and the International Journal of Social Welfare (Marques and Horisch, 2019) are focused on the labour market position of this group. The same applies to the chapters he co-authored in recent times, including one published by Bristol University Press in 2021 (Marques and Videira, 2021).

The paper by Marques and Salavisa (2016) studied the drivers of age-based dualization in Europe. It shows that in contrast to mainstream economic approaches it is not employment protection legislation, namely high job security for insiders, that explains the rise of labour market segmentation. Deindustrialization and social conflict are seen as playing a more important role to bring about labour market segmentation. Marques and Horish (2020) analyse the drivers of massive youth unemployment during the sovereign debt crisis. This paper highlights the importance of austerity, namely the lack of investment in active labour market policies, and growth models (demand-led) to explain the rise of youth unemployment in Southern Europe. Marques, Suleman and Costa (2022) studied the relationship between growth models and over-qualification. It argues that the rise of over-qualification in some countries is mainly explained by a lack of match between the economic and educational systems. The final one paper (Marques and Horisch, 2019) is focused on the role of VET education to explain youth unemployment. It argues that some countries do not have the necessary institutions to develop a VET system that facilitates the school to work transition. Taken as a whole, Paulo Marques has been studying the dimensions that most impact the labour market position of young people, namely: employment protection legislation, the economic system, labour market policies (passive and active), and the educational system (higher education and the VET system). By doing so, he was able to develop a comprehensive analysis of the youth employment phenomenon.

This research draws substantially on configurational methods, namely Fuzzy Set Qualitative Comparative Analysis (fsQCA) and case studies. As for fsQCA, this is an innovative methodology that goes beyond the traditional divide between qualitative and quantitative methodologies. While it keeps the configurational logic of qualitative methods, it allows the use of quantitative data. Paulo Marques published articles in top-level journals using this innovative methodology. The ones published in the Socio-Economic Review and European Journal of Education are good examples of this (Marques and Salavisa, 2016; Marques, Suleman and Costa, 2022).

Paulo Marques' research has received several awards.

- His master dissertation in economics and public policies entitled "Between the Lisbon Strategy and Europe2020: Where is the European Social Model heading?" received the Jacques Delors Prize, awarded by the Jacques Delors Information Centre (5.000,00€).
- His PhD in Economics entitled "Young People and Labour Market Segmentation in Europe: An Institutionalist Perspective" received the following awards:
 - oBest PhD thesis in Economics 2016, awarded by the Portuguese Economics Association (Ordem dos Economistas), António Simões Lopes Prize, 3.750,00€.
 - oBest study in labour market issues and social dialogue, awarded by the Portuguese Public Employment Services (IEFP), Manuel Lopes Prize, 12.500,00€.
- Finally, the article he published in the Socio-Economic Review received an award from the Ministry of Labour, António Dornelas Prize, 2000€.

Besides academic publications, Paulo Marques was also involved in the establishment of the Youth Employment Observatory (YEO), hosted by DINÂMIA'CET-ISCTE. This observatory provides innovative tools of data visualisation. The YEO website provides updated information on key indicators on this subject. Users may choose the data that best suits their needs. The same applies to policy briefs, as users may select the data that most interests them while reading the documents online. There is a strong link between this work and the research activities described above, that is, there is a link between research and social impact because both are focused on studying the labour market position of young labour market participants.

2. Contributions to the training and career development of researchers and/or research teams: Regarding training, as part of his responsibilities as director of the master's in political economy, Paulo Marques has been very much involved in the supervision of master dissertations. He supervised 26 dissertations in the recent past. As for PhD students, Paulo Marques is now supervising four. Two of them will soon submit their theses.

As principal investigator of the SOLID-JOB project, Paulo Marques has been supervising the work of three grant holders. Those who were hired as master students (two) concluded their dissertations under his supervision. Furthermore, they recently enrolled in the PhD in political economy. Furthermore, together with Professor Fátima Suleman, Paulo Marques has been also supervising the work of one researcher hired in the scope of the Youth Employment Observatory.

On the other hand, it is worth mentioning that besides grant holders, the SOLID-JOB project, the Youth Employment Observatory, and the project of cooperation with the Portuguese Public Employment Services bring together several experienced researchers. Paulo Marques has been playing an important role in what regards the coordination of these teams.

Finally, Paulo Marques has been very active in what regards new collaborative initiatives. He is a founding member of the Portuguese Political Economy Association (2018); he was part of the teams that launched the master's in political economy (2020) and the PhD in political economy (2019), two pioneering programmes in Portugal. Indeed, these are the only master and PhD in this field in Portugal. Regarding the master's in political economy, Paulo Marques was the first director. Finally, together with Professor Fátima Suleman, he launched the Youth Employment Observatory in 2021. This illustrates his commitment to establishing and developing research teams.

3. Contributions to the scientific community: Regarding editorial responsibilities, besides acting as reviewer in scientific journals such as Socio-Economic Review and Journal of European Public Policy, Paulo Marques acted as guest editor in the International Journal of International Welfare. Together with Jale Tosun and Felix Horisch, in 2019 he co-edited a special issue on "Youth Employment in Europe: Coordination as a crucial dimension". This special issue brought together scholars such as Guiliano Bonoli and Paolo Graziano, top-scholars in the field.

He was also active in establishing the Portuguese Political Economy Association, launched in 2018. Paulo Marques was a founding member of this association. Furthermore, he participated in the organisation of several annual conferences and coordinated one thematic line, namely the one on Comparative Political Economy.

Finally, regarding international associations, Paulo Marques was part of the national committee that organised the 28th International Conference of Europeanists (CES conference), which took place in Lisbon, at ISCTE, in 2022.

4. Contributions to society: Paulo Marques has been co-coordinating the Youth Employment Observatory (YEO), the main goal of which is to transfer knowledge to society. In this regard, the following publications had a high impact. First, the YEO, the Lisbon Office of the International Labour Organization and the José Neves Foundation were invited by the President of the Portuguese Republic to write a White Paper on "More and Better Jobs for Young People" (2022). Paulo Marques was one of the researchers who wrote the paper, which was later discussed in several forums, including in the Social Concertation Council (a Portuguese Constitutional body). Second, the Ministry of Labour invited the YEO to prepare several studies on the topic of youth employment. The first study was launched in November 2023. Paulo Marques was part of the team that wrote the report. Both reports had very high media impact and influenced public policies targeting young people.

Recently, he was involved in a Pact that brought together 100 large firms, the Portuguese Government, and the José Neves Foundation. This Pact aimed to promote better work conditions for young people.

Finally, he is often invited to collaborate with the media. Besides writing opinion articles in national newspapers, he is regularly invited to comment on labour market issues in TV shows, radio shows, and newspaper articles. At least once a month he is invited to collaborate with the media.

- Scientific production and/or selected activities: Paulo Marques selected the following projects (2), articles (2) and report (1) as good illustrations of the activities developed between 2018-2023.

Projects in which Paulo Marques is principal investigator.

- The first, SOLID-JOB, funded by FCT (about 250.000,00€), compares Portugal and Spain in regards to policies implemented during the years of progressive coalitions (2015-2022). The team is studying the policies that aimed to foster solidarity and thus revert austerity policies. Besides papers, the project also includes writing a book (now under review at Routledge). <http://doi.org/10.54499/PTDC/CPO-CPO/6230/2020>

- The second is a collaborative project with the Public Employment Services (about 75.000,00€). It covers four studies. The first identifies the profiles of youth unemployment (using both the Labour Force Survey dataset and administrative data from the Portuguese Public Employment Services). The second consists of studying how young people assess the quality of the services provided by the Portuguese Public Employment Services. The third consists of a qualitative approach based on interviews with young people. The final study uses administrative data from the Ministry of Labour to study job quality.

Papers

- The paper co-authored with Fátima Suleman and João Costa, published in 2022, in the European Journal of Education. It studies the relationship between growth models and over-qualification. The article argues that the rise of over-qualification in some countries is mainly explained by a lack of match between the economic and educational systems.

<https://doi.org/10.1111/ejed.12500>

- The paper co-authored with Dora Fonseca and published in the European Journal of Industrial Relations in 2022. It analyses all employment protection legislation reforms implemented in Portugal and Spain since the democratic transition up until current times. The paper argues that to better understand the positions taken by unions and left-wing political parties it is crucial to analyse the balance of power between left parties and trade union confederations.

<https://doi.org/10.1177/09596801211005765>

Report

Paulo Marques was part of the team that wrote a white paper on "More and Better Jobs for

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Young People" (2022). This report - an outcome of a collaborative project between the Youth Employment Observatory, the Lisbon Office of the International Labour Organisation, and the José Neves Foundation - was requested by the President of the Portuguese Republic.

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Participation in the R&D Unit

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- Linking modality: Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure»)
- Professional category: Docente Universitário - Professor auxiliar
- Retiree? No
- Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

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- Professional category: Docente Universitário - Professor auxiliar
- Retiree? No
- Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

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Participation in the R&D Unit

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- Linking modality: Contrato de trabalho em funções públicas por tempo indeterminado em regime de «tenure»
- Professional category: Docente Universitário - Professor associado
- Retiree? No
- Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

Narrative CV

- Scientific and professional profile and career: Pedro Costa is Associate Professor at the Department of Political Economy at ISCTE-IUL and Researcher at DINÂMIA'CET - ISCTE (DC), where he coordinates the "Cities and Territories" research group. With a degree in Economics (1993) and a Master's (1996) and PhD (2003) in Urban and Regional Planning, he works primarily in the areas of territorial development, planning and cultural economics. He served on the board of this research unit for more than 18 years (first as DINÂMIA, then DC), and directed it from 2016 to 2022 (deputy-director 2006-2016). He has coordinated the "Cities and Territories" research group since its beginning (2009-

today), which currently has more than 100 researchers (previously, in DINÂMIA he coordinated "Planning and Territorial Development" group).

He has coordinated and participated in numerous research projects, at national and international levels, including several projects related to formulating and monitoring public policies. He is involved in several international scientific associations, which include some executive responsibilities (RESER, GREMI).

He started his university teaching career at Universidade Atlântica (1996-2000), after previous experience in urban/planning consulting and lecturing, and his link to ISCTE dates back to 1999. He teaches many graduates and post graduates, mostly in the fields of economics, urban studies and architecture. He has been Director of the Master programme in Development Studies (2012-2017) and is currently (2022-) Co-director of ISCTE's Economics graduation programme.

He has been a member of many scientific councils (research unit; department; SSH school; PhD programmes - economics, architecture and urban studies), headed the Scientific Commission for the Economics Department (2005-07) and was a member of ISCTE's Scientific Council (2005-07; 2016-22).

He directed "Cities, Communities and Territories" (2015-18) and is on the editorial committee of other journals (CCT, RPER, ERSEM, etc.).

- Contributions to science and society:

- Contributions to the generation of new ideas, tools, methodologies or knowledge: His research has been particularly centred on studying the tie between cultural activities, creative dynamics and sustainable territorial development.

Since his PhD he combines, in an interdisciplinary approach, Urban studies, Culture studies and Development studies, from an innovative perspective that was influential for the research team gathered in DC around the thematic line "Creativity, Culture and Territory".

He published/edited multiple books (14) and articles (>120 papers/book chapters), presenting regularly at scientific and policy-oriented meetings in those fields (>350 presentations). He coordinated numerous research projects (or DC teams within national/international projects), both fundamental and applied, including policy-oriented ones.

At an international level, the collaboration with L. Kebir, O. Crevoisier and V. Peyrache-Gadeau leading the GREMI-T research programme that confronted Innovative Milieu concept with sustainable issues (bringing the notion of sustainable innovation) must be highlighted. This work, funded by PUCA, France (benefiting also from a 3 month stay, hosted by A. Torre, at "Proximités" research group, INRA, Paris, 2010), enabled several outputs, including the edition of a book at E. Elgar (Kebir et al, 2017)

Outcomes of multiple research projects (particularly focusing on the relationship between creative milieus, governance mechanisms, cultural organisations and territorial development) were published internationally over the last 20 years, both in journals and books, including Costa (2008, 2013), Costa and Lopes (2013, 2018) or Costa and Lopes (2015) (DOI:10.1080/13574809.2014.991382)

In recent years, the work on the value of culture and impact measurement (applied to cultural activities and creative tourism) has enabled the development of a multidimensional self-assessment toolkit (available online to cultural institutions and creative agents). The conceptual and methodological basis for this process, co-constructed with cultural/institutional actors, crossing different European and national research projects, is well documented in multiple academic outcomes. (e.g Costa, P. (2022) (DOI: 10.1080/09654313.2021.2023109)

The participation in several Creative Europe projects (FLANEUR, PARALLEL, RESHAPE, STRONGER PERIPHERIES), Interreg (4HCREAT), as well as the invitation as external expert in other EU projects (MESOC, BeSpectACTive), have made him part of cutting edge discussions on artistic practices, cultural participation and the structure of cultural activities in a diversity of European contexts, particularly in the fields of

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performing arts and contemporary photography, and from a peripherality perspective. This has been crossed with work at national level, both via research projects and theses, on audience analysis (eg, ARTEMREDE, EGEAC), participatory arts and urban interventions (e.g. ARTSBANK, LOUSAL), as well as the development of many policy-oriented projects, for decades, including urban master plans, municipal strategic plans for culture and creativity (Lisboa, Cascais, Oeiras), sectoral analysis (e.g. Cinema, Performing Arts), resulting in several publications, but also in socially and policy relevant work with stakeholders.

In Portugal he had a pioneering role in developing the field of cultural economics (particularly with a political economy perspective, linked to the territory) creating the 1st Portuguese course in Cultural Economics (ISCTE, since 2005), lecturing in this area in several post-graduation courses, and for several other institutions (e.g AEP, Serralves Foundation), and also creating important training programmes for cultural agents (e.g. Setepés/TecMinho, 2008; Artemrede, 2018).

He was also pioneer in Portugal in the discussion of creative cities and in critical reflection on the academic and policy-making rhetoric on these topics (e.g CREATCITY). In addition to many publications in Portuguese on this, the internationally most cited texts are Costa et al (2007) (DOI:10.1080/00291950701553905), Costa et al (2008) (DOI:10.1080/02642060701856282).

He was part of the research consortium that launched creative tourism in Portugal (CREATOUR), leading the team that in DC was responsible for the development of Idealabs which have supported the creation of 40 pilot projects in creative tourism across Portugal. Besides its direct social impact, many publications were delivered on this process, including Gato et al (2022) (doi:10.1177/1096348020934045).

In recent years, several other topics have stayed central to his research, particularly related to contemporary urban restructuring, gentrification, massification and touristification processes, urban sustainability, or urban impacts of platform economies, in the scope of collective research projects (e.g. PERIURBAN, SPLASH, TUR&BAIROS, GRAND PROJECTS), individual work or thesis supervision, that resulted in multiple publications and conference presentations.

- Contributions to the training and career development of researchers and/or research teams: As coordinator of the "Cities and Territories" research group (as well as during the time he served as director of DC) he developed a strategy that enabled the growth of the group and made DC more accessible to young researchers (e.g. via research contracts, specific funding mechanisms, relation with PhD programmes, workshops and seminars), trying to develop the conditions for a medium/long term relationship between researchers and the unit (beyond specific projects) and promoting group identity, across diverse thematic lines of research.

Specifically regarding his research, particular effort was made, as coordinator of the thematic line "Creativity, Culture and Territory", to build a team of researchers that is now largely recognised in the study of these topics at a national (and even international) level. Dozens of research projects (collective, but also PhD theses and Postdocs), the organisation of multiple academic events (and thematic special sessions in international conferences), regular cycle seminars, collaboration with cultural organisations, and permanent submission of proposals to calls (besides a specific nucleus of research linked to Architecture PhD) have consolidated this group at DC and affirmed it as the most important in terms of culture-territory in Portugal, crossing architecture, urban studies, economics, sociology, public policies, quantitative methods, arts and other fields. This team of researchers (Perestrelo, Gato, Lopes, Cruz, Tomaz, Teixeira, Rodrigues, Oliveira, Sugahara, among many others), collaborate in a variable geometry, in multiple research projects (national and international) and are publishing co-authors. He has supervised more than 75 individual research projects (Postdocs/PhD/Master and other) and hosted 17 internships / visiting scholars in DC. From the 9 concluded

supervised PhDs, most of them are still collaborating with the research team mentioned above, even if in some cases now teaching at other universities.

3. Contributions to the scientific community: Contributions to the scientific community include a dynamic activity in editing (co-coordinating 11 collective books and 6 special issue journal) and organising events (co-organising >65 scientific events, from large international conferences - RESER, KISMIF, Todas as Artes - to local academic meetings or seminar cycles, as well as >10 exhibitions and urban interventions). He is a regular peer reviewer (for >20 journals and publishers) and was on the scientific commissions of 68 conferences, also refereeing academic work at those events. He participated in more than 80 academic juries (including 24 PhDs) and in multiple recruitment processes for teaching/researching positions, at ISCTE and externally. He participated in Project Evaluation Panels for the Swiss National Science Foundation (2015), and in the evaluation of ISCTE Researchers' Activities (2019-20; 2021-22). He hosted 8 foreign researchers in DC thereby enhancing international mobility. He has been involved in several scientific associations and is part of the "Council" of RESER (European Association for REsearch on SERvices) for over 14 years (and was its Secretary from 2012 to 2016). He was member of the "Comité de pilotage" of GREMI (Groupe de Recherche Européen sur les Milieu Innovateurs), for GREMI-T research programme (2008-17). He helped launching "Todas as Artes" network (involving Lusophone researchers in the arts field) and is currently on the board of RIEC (Red Iberoamericana de Economia da Cultura).
4. Contributions to society: Policy-oriented research commissioned by public administration has always been an important stream of his work, including urban master plans, cultural sectoral analysis (cinema, performing arts, graffiti), EU structural funds planning, or several municipal strategic culture plans. The best example of impact on society is Lisbon's cultural policy in last decade, which has been effectively marked by DC's Lisbon Strategic Plans for Culture (2009 and 2017). Dissemination of his accumulated knowledge in the sector includes the coordination of important training programmes for cultural agents, the collaboration in several training actions in cultural institutions and city councils, invitations to dozens of meetings and debates, across the country, or involvement in the strategic reflection processes of cultural agents. He served as expert for the Monitoring Commissions of Theatrical Structures of Lisbon region (Ministry of Culture, 2009-14), as selection jury for public support programmes (INOV-ART, 2013) and in public recruitment commissions for cultural institutions (eg. Bairro Alto Theater, Camões Institute). The design of his research projects, often involving co-creation with stakeholders or participatory processes, facilitates knowledge dissemination and direct social impact (eg. 40 pilot projects on creative tourism), and may deliver artistic outcome (sculptures, photography) from the research itself, or feed cultural production and artistic creation via process reflexivity.
- Scientific production and/or selected activities: -He led the DC team that developed the DIY toolkit for self-assessment of the impact of cultural activities, targeted towards cultural institutions and creative agents (<https://diycultureimpact.com>). It results from the research developed within several projects, both European and national (RESHAPE, CREATOUR, IMPACTOS-AR, ARTSBANK, STRONGER PERIPHERIES), and deepens knowledge on the multidimensionality of value(s) in cultural activities and their territorial impacts. The conceptual framework and the process behind the co-construction of this toolkit with a diversity of cultural agents and institutional stakeholders is published e.g. in Costa, P. (2022) (DOI: 10.1080/09654313.2021.2023109). -He coordinated the study developed for the Portuguese Institute of Cinema and Audio-visual (ICA), which is one of the pillars for the 2021-2025 strategic plan for cinema in Portugal. This project was centred on the assessment of the implementation of the previous strategic plan (2014-2018) and on an updated diagnosis of the Portuguese cinema/audio-visual sector. The

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report was delivered in 2022 (a book is being published), several presentations were made, and, more importantly, real effects on public policy and strategy for the sector are expected.

-DC's work on cultural participation, peripheries and territories (and on the use of artistic practice as a methodological tool) were pursued in multiple projects (eg. STRONGER PERIPHERIES, PARALLEL, ARTSBANK) and PhD theses (e.g. Lopes, Antunes, Concha, Reis) during this period, as well as specific urban interventions. Two books (Costa, Lopes e Bassani (eds) 2019; Costa e Lopes (coord) 2023) and other articles (eg. Costa e Lopes, 2018) are important outcomes.

-He studied the impacts of the platform economy on urban areas (e.g. ride-sharing, food delivery), working with other DC researchers in an interdisciplinary perspective, supervising theses, submitting new projects, and via several presentations and publications, including Rodrigues, N.; Vale, M.; Costa, P. (2020) (DOI: 10.1080/21622671.2020.1777896).

-Finally, it is important to stress that he served as director of DINAMIA'CET until July 2022, being responsible for a period of growth in activity and the number of members, consolidating the unit's identity, solidifying internationalisation and improving the consistency of research practice (but also quite demanding in terms of dealing with considerable institutional change within ISCTE's research structure).

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:Instituto Politécnico de Santarém (IPSantarém)
- Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure»)
- Professional category:Docente Politécnico - Professor adjunto
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de trabalho a termo incerto
- Professional category:Investigador júnior
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

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Participation in the R&D Unit

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- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure»)
- Professional category:Docente Universitário - Professor auxiliar
- Retiree?No

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| <ul style="list-style-type: none"> Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Pierre Guibentif AF14-1D4B-AEE4 Participation in the R&D Unit | | 20 | 0000-0002-4319-9537 |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution? Yes Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality: Contrato de trabalho sem termo em regime de «tenure» Professional category: Docente Universitário - Professor catedrático Retiree? No Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Raul Lopes 7F1F-9547-E2C3 Participation in the R&D Unit | | 20 | 0000-0001-9411-863X |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution? Yes Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality: Contrato de trabalho em funções públicas por tempo indeterminado em regime de «tenure» Professional category: Docente Universitário - Professor associado Retiree? No Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Ricardo Costa Agarez 9217-C1DD-135B Participation in the R&D Unit | ✓ | 80 | 0000-0002-1170-6661 |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution? Yes Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality: Contrato de trabalho sem termo (sem regime de «tenure») Professional category: Investigador principal Retiree? No Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Narrative CV | | | |
| <ul style="list-style-type: none"> Scientific and professional profile and career: I am an architect and architectural historian, specialised in the history and theory of 19th and 20th century cities and buildings, national and regional identities, knowledge dissemination and circulation of forms, ideas and techniques, housing and collective-use architecture and the architectural culture in bureaucracy. I am currently senior researcher at ISCTE - University Institute of Lisbon; Principal Investigator of ERC Starting Grant project "ReARQ.IB - Built Environment Knowledge for Resilient, Sustainable Communities: Understanding Everyday Modern Architecture and Urban Design in the Iberian Peninsula (1939-1985)" and FCT IC&DT "ArchNeed - The Architecture of Need: Community Facilities in Portugal 1945-1985"; and co-editor-in-chief of ABE Journal - Architecture Beyond Europe. My PhD dissertation (The Bartlett School of Architecture, University College London, UK) was awarded the RIBA President's Award for Research in 2013. I was Giles Worsley Fellow of the British School at Rome, IT (British Academy) in 2014, FWO Pegasus Marie Curie Postdoctoral Fellow at Ghent University, BE (2015), postdoctoral | | | |

research fellow at KU Leuven, BE (2016-17) and assistant professor at Évora University, PT (2017-21).

Recent publications include "Punishment, Re-education and Agriculture: Portuguese Internal and Imperial Penal Colonization in the Nineteenth Century" with M. Macedo (The Journal of Architecture, 2024), A Construção do Algarve (Dafne, 2023), "Architecture and Bureaucracy" with F. Floré & R. Devos (Architectural History, 2022), Architecture Thinking Across Boundaries: Knowledge Transfers Since the 1960s, co-edited with R. Heynicks and E. Couchez (Bloomsbury, 2021), "A Self-Conscious Architectural Historiography: Notes from (Post)Modern Portugal" (The Journal of Architecture, 2020) and "Philanthropy, diplomacy and built environment expertise at the Calouste Gulbenkian Foundation in the 1960s and 1970s" (The Journal of Architecture, 2019).

- Contributions to science and society:

1. Contributions to the generation of new ideas, tools, methodologies or knowledge: In 2000-2001, my dissertation work for a master's degree in History of Contemporary Art and Architecture (pre-Bologna), on 1950s residential architecture in Lisbon, led me to embark, for the first time, in thorough archival research of municipal planning and building permission files, and to experiment with oral history research practices. The resulting book, published by the Mayor of Lisbon in 2009 (O Moderno Revisitado), is now essential literature on the city's modern architecture and urban planning. I have since been dedicated to the history of everyday architecture and of objects that escape conventional categorization using bureaucratic primary sources as evidence and investigating its meanings and production - thus exploring a research strand that was virtually untapped in Portugal (the history of modern architecture being largely built on secondary sources and hagiographically obsessed with key, avant-garde architects) and paving the way for other, younger generation scholars to pursue work along similar lines. Also reinforced then was my keen interest in the interaction between formal and informal practices and in the boundaries and exchanges between schooled practitioners and non-professional actors within built environment production processes. Against the grain of mainstream architectural culture, I have since fought to expand the boundaries of what is deemed worthy of study and discussion, beyond the strict sphere of formal, learned architecture. My PhD in Architectural History and Theory from University College London followed this endeavour. Awarded a doctoral grant by FCT, the project resulted in books published in English (Algarve Building, 2016) and in Portuguese (A Construção do Algarve, 2023). This in-depth, cross-disciplinary study has had a strong impact on the public awareness of the relevance of modern architecture in Algarve and on the advancement of scholarship on the topic. Since 2016, local authorities have used my work in support of built environment management policies: in Faro, the council has listed (and thereby enhanced control over) entire sections of the city and developed heritage education tools based on my findings, while a new identity (of Faro as a modernist city) is being forged by officials and citizenry, prompted by my work. The 2023 book has extended the reach of this effort, especially since several newspaper features and a dedicated TV programme (Visita Guiada) prompted a wave of appreciation for both the traditional and modernist architectures of Algarve.

My training in the public outreach of scientific work started before the PhD. In 2003-2006, I took part in a multidisciplinary research project within the Portuguese state's information system for architectural heritage and the built environment SIPA (the country's foremost centre for research and documentation on architecture www.monumentos.pt) where I researched and wrote about the architecture created for the judiciary, penitentiary and young offenders re-education programmes in Portugal over the past two centuries. Drawing on the system's comprehensive in-house archives and on fonds dispersed across over thirty institutions, we surveyed and studied c. 150 buildings and compounds countrywide and raised awareness of these objects' architectural and social role through dissemination and heritage safeguard initiatives. Outputs included a co-authored book (Arquitetura de Serviços Públicos em Portugal,

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2009) and two journal articles (Monumentos, 2008, and JoA, 2024).

In 2016-2017, as postdoctoral assistant at KU Leuven I helped secure, together with professors Heynicks and Floré, a 5-year grant from Flemish research council FWO to establish the international Scientific Research Network "Texts~Buildings: Dissecting Transpositions in Architectural Knowledge (1880-1980)" involving expert groups from 10 institutions across Europe. Within this SRN, I co-chaired the international conference "Architecture and Bureaucracy: Entangled Sites of Knowledge Production and Exchange" in Brussels (2019, which resulted in the Architectural History special collection "Architecture and Bureaucracy", 2022) and co-edited the volume Architecture Thinking Across Boundaries (2021).

In 2018 I was the scientific coordinator and editor of the multidisciplinary research project "Housing: 100 Years of Public Policies in Portugal, 1918-2018" for IHRU (PT), marking the centennial celebrations of social housing in Portugal. This 2-year project, which set off a wave of interest in housing from Portuguese academia, involved my overseeing 11 research teams, from 8 Portuguese institutions, and resulted in an edited scholarly volume (2018) and a sole-authored monograph for the wider public (2020). In 2018, I also researched and co-curated the exhibition "Art and Architecture between Lisbon and Baghdad: The Calouste Gulbenkian Foundation in Iraq, 1957-1973", based on which I published an article (JoA, 2019).

- Contributions to the training and career development of researchers and/or research teams: I currently oversee two research projects as PI: European Research Council Starting Grant project "ReARQ.IB - Built Environment Knowledge for Resilient, Sustainable Communities: Understanding Everyday Modern Architecture and Urban Design in the Iberian Peninsula (1939-1985)" (2021-2026, GA 949686); and Foundation for Science and Technology IC&DT "ArchNeed - The Architecture of Need: Community Facilities in Portugal 1945-1985" (2021-2025, PTDC/ART-DAQ/6510/2020). The two teams total 9 members, both doctoral and post-doctoral fellows, whose training and career development I am nurturing every day: they are pursuing literature review, fieldwork, archival research, community participation activities and dissemination, building up and feeding the Arquitectura Aqui online platform where both projects are published (<https://arquitecturaaqui.eu/>), presenting and publishing papers - they are perfecting their skills as researchers and advancing their careers and prospects in academia and public outreach.

As an Assistant Professor at the University of Évora (2017-2021), my teaching duties included courses in architectural theory and history, and design principles; I supervised 6 master's dissertations (concluded) and two PhD theses (ongoing). These are opportunities to cultivate essential principles and a deontology of architectural practice and thinking, which underpin my work as a researcher, and to foster new potential researchers. My networks originated in my experience of European mobility (London, Paris, Rome, Zurich, Ghent, Brussels): I have a consistent presence in the European Architectural History Network (where I have served as a council member) and the Society of Architectural Historians (USA), the two foremost organisations in my field. I maintain the global connections initiated in my PhD and since extended, participating in international meetings and publishing in the field's key outlets while being asked to talk at institutions at home and abroad.

- Contributions to the scientific community: Since 2013, I have served as peer reviewer for article submissions, publication proposals and research projects presented to international publishers and funding institutions, including The Journal of Architecture, Contemporary European History, Journal of Architecture and Urbanism, Ashgate-Routledge, and Fonds de la Recherche Scientifique FNRS. In 2015, I served as invited co-editor of the journal Footprint - Delft Architecture Theory Journal #17 - "The 'Bread & Butter' of Architecture: Investigating Everyday Practices" (vol. 9-2), with N. Mota. Between 2016 and 2019, I served as a member of the editorial board of the journal ABE Journal - Architecture Beyond Europe (<https://journals.openedition.org/abe/>), a

publication of which I have been co-editor-in-chief, with J. Lagae, T. Sengupta and S. Melsens, since 2019. In 2018, I served as scientific reviewer of the publication project Territories of Faith, for Leuven University Press. Since 2020, I have been member of the advisory committee of the Journal of History of Science and Technology, HoST, and, since 2022, an international editor of The Journal of Architecture, JoA. In 2022, I served as co-editor of the journal Architectural History, The Society of Architectural Historians of Great Britain, vol. 65 - Special Collection "Architecture and Bureaucracy", with F. Floré and R. Devos, with whom I co-chaired the international conference "Architecture and Bureaucracy" in Brussels (2019).

4. Contributions to society: My contributions to involving society and transferring knowledge from academia started 20 years ago, in 2003, in the cadre of my collaboration with the built environment information system SIPA (see above), which aimed at nurturing building management actions with reliable, scientific, archival source-based information made widely available online. They continued with my PhD project, which, having begun in the academic sphere, went on to inspire public-sphere policies and foster public appreciation for, and understanding of, modern architecture in a given context (Algarve, in this case), through widespread media dissemination (newspapers, TV). My work regarding the centenary of public housing policies in Portugal (2016-2020), with both academic and general-public outputs (a monograph that sold over 2.000 copies so far), and forays into the exhibition format in 2018-2019 ("Art and Architecture between Lisbon and Baghdad: The Calouste Gulbenkian Foundation in Iraq, 1957-1973") have served to advance the visibility and public relevance of architectural and urban history research towards a wider audience. Since 2021, I have coordinated and supervised the initiative Arquitectura Aqui - Community, Proximity, Action: Collective-use Facilities in Portugal and Spain 1939-1985, largely devoted to citizen science and co-created history, aiming to make scientific knowledge appropriable and co-produced by communities as they strive to participate in built environment management actions.

- Scientific production and/or selected activities: Since 2021, I have been devoted to the coordination and supervision of two research projects - ERC Starting Grant "ReARQ.IB - Built Environment Knowledge for Resilient, Sustainable Communities" (GA 949686); and FCT IC&DT "ArchNeed - The Architecture of Need" (<https://doi.org/10.54499/PTDC/ART-DAQ/6510/2020>) - that are now being disseminated under the banner Arquitectura Aqui - Community, Proximity, Action: Collective-use Facilities in Portugal and Spain 1939-1985. In this ground-breaking initiative, our research supports more sustainable, resilient local communities with solid knowledge about the buildings and ensembles where our daily life unfolds. Innovatively, we follow the parallel, shared history of these countries and integrate detailed information and critical thinking on such facilities, key in potential management and transformation initiatives, while advancing scientific and historical knowledge on Portuguese and Spanish architecture and urban design and reinforcing their social pertinence. Our platform (<https://arquitecturaaqui.eu/>), an exercise in applied science for community participation, combines knowledge drawn from the archives with the memories and experiences of stakeholders, creators and users, testimony to generations of living histories, co-creating a new narrative, plural and shared, to empower appreciation, maintenance and change.

Since 2018, my previous specialization in housing at large - focused on the multifamily housing block, as published e.g. in *O Moderno Revisitado* (2009) and the citizen survey tool "Kit 02 - Património Arquitectónico de Habitação Multifamiliar do Séc. XX" (http://www.monumentos.gov.pt/site/DATA_SYS/MEDIA/EstudosDocumentos/KIT02.pdf) - evolved into the study of public housing policies: the centenary research and dissemination project, which I coordinated for the government (IHRU), was the opportunity to question acquired knowledge and substantially deepen our understanding of housing, architecture and urban design and society in Portugal, at a turning point in collective conscience as the country faces an unprecedented housing crisis. The resulting academic edited volume, thoroughly revising the last 100 years, is available open-access

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(https://www.portaldahabitacao.pt/web/guest/publicacao_100anos), while a shorter, concise and layperson-friendly essay, which I wrote for a wider public in an accessible format, was published in 2019 (<https://ffms.pt/pt-pt/livraria/habitacao-apoiada-em-portugal>).

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution? Yes
- Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality: Contrato de trabalho em funções públicas por tempo indeterminado em regime de «tenure»
- Professional category: Docente Universitário - Professor associado
- Retiree? No
- Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

Narrative CV

- Scientific and professional profile and career: I hold a Ph.D. in Economics by Università Luigi Bocconi (Italy), a Master's in Economics and Management of Science and Technology by the Higher Institute of Economics and Management of the University of Lisbon (ISEG/UL), and a Bachelor's Degree in Economics by the same institution.

I'm Associate Professor at ISCTE - University Institute of Lisbon (ISCTE-IUL), where I have worked since 1999 as a lecturer/professor/researcher in the fields of Industrial Dynamics and Innovation, Industrial Policy, Policy Evaluation, and European and Portuguese Economy and Policy. Before that, I worked as research assistant at the Centre of Studies of Portuguese Economy (CISEP/ISEG) and at Dinâmia'CET (ISCTE-IUL) (1996-1999).

Between 2007 and 2014 I took a leave from university, to Head the Department of Economic Analysis and Forecasting at the Cabinet of Strategy and Studies of the Ministry of Economy and Innovation (2007-2008) and afterwards as the Coordinator of the Research and Evaluation Department at the Portuguese NSRF Observatory (the Government institution responsible for monitoring and evaluating the use of EU structural funds in Portugal) (2008-2014).

After my return to ISCTE full-time in 2014, I became Director of the Master's program in Economics and Public Policy. Between 2018 and 2023 I was also President of the Board of Directors of the Institute for Public Policy at ISCTE. In 2022 I was appointed by the Rector as Dean of ISCTE-Sintra, the new School of Applied Digital Technologies, which is presently my main activity within the university.

Over the past 10 years I have also been involved in several research projects, mostly related with the evaluation of industrial and innovation policies. In that capacity, I've been advisor to several public agencies responsible for research, innovation and the internationalisation of SMEs in Portugal.

- Contributions to science and society:
 1. Contributions to the generation of new ideas, tools, methodologies or knowledge: The common trait in my research over the years has been the role of structural change - and public policies to promote it - in the economic and technological catching-up of the Portuguese economy.

During the first years of my research career, my focus was on the patterns and

determinants of structural change, and on the specificities of some industries and technologies that could drive such transformation. An example of this line of research is:

Mamede, R.; Caldas, J.M.C.; Godinho, M.M. (2009). "Simulating the prospects of technological catching up". *Economics of Innovation and New Technology* 18(6), 565-586.

This paper presents an agent-based computer model which allows us to analyse the conditions under which economic convergence across regions is expected to take place. Other works that I have (co)authored in this domain (see section 3 for references) contribute to identifying the main patterns and determinants of structural change in Portugal, as well as the role of specific (types of) industries.

After the financial and economic crisis of 2008/2009, and the euro crisis which followed in 2010-2012, it became apparent that the structural weaknesses of the Portuguese specialisation profile (as well as those of other southern European countries) were intertwined with financial instability. In this context, I merged my previous research interests with a focus on the relation between financial flows, structural change and economic crises. An example of work on this topic is:

Mamede, R. P. (2020), "Financialisation and structural change in Portugal: A Euro-resource-curse?". In A. C. Santos & N. Teles (Eds.), *Financialisation in the European Periphery: Work and Social Reproduction in Portugal*. Routledge. (pp. 64-81).

In this publication I present the Portuguese economic crises in the period 2008-2013 as the result of financial liberalisation, structural weaknesses and competitiveness shocks, in ways that present similarities with Latin American crises in the 1990s, but with specificities that accrue from the participation of Portugal in the European integration process. In this vein, I contributed to the international discussion on the causes of the euro crisis, challenging the prevailing views on its determinants (emphasizing the role of structural asymmetries across EU national economies). Other works that I have (co)authored in this domain (see section 3 for references) focus on specific aspects of that combination of factors, in particular the process of financial liberalisation in Portugal during the 1990s and the 2000s and its implication for structural change.

My years working in research departments of the Portuguese Public Administration (2007-2014) increased my awareness and interest on how public policies could address some of the problems underlying the economic turmoil that hit Portugal during that period. The following book, which I co-edited with two colleagues from the University of Porto is representative of this line of inquiry (see section 3 for other references and research projects):

Teixeira, A.; Silva, E.; Mamede, R. (Orgs.) (2014), *Structural Change, Competitiveness and Industrial Policy: Painful Lessons from the European Periphery*. London: Routledge.

The chapters in that book deal with the relation between structural weaknesses of southern European economies and the policies that have been adopted in each national context to address them. This book includes a chapter I co-authored with two colleagues from the University of Lisbon on the potential and limitations of industrial policies in Portugal (see reference in section 3).

My focus on public policy also raised my interest in policy evaluation in those domains. In the last 10 years I've been involved in several research projects dedicated to both methodological and substantive dimensions in evaluating industrial and innovation policy

in the Portuguese context. An example of this line of work is:

Bondonio, D., Farinha, T., & Mamede, R. P. (2022). "The impact on job-quality of firm-level support to innovation: Evidence from natural experiment conditions and linked employer-employee data in Portugal". *Evaluation Review*, 46(5), 626-651.

This paper provides an original contribution to the literature, showing evidence of the impact of enterprise support policies on job quality (a dimension that was mostly absent in this type of analysis), while questioning some commonly used approaches to counterfactual impact evaluation and suggesting methodological alternatives. More recently, my focus has been on the potential benefits of crossing counterfactual analysis with theory-based evaluation approaches in assessing the impact of industrial and innovation policies.

2. Contributions to the training and career development of researchers and/or research teams: My most relevant contributions to the training and career development of researchers and research teams was in the context of the projects that I have coordinated in recent years, such as:

- "Scientific support to the coordination of the National Smart Specialization Strategy of Portugal" (ongoing). Commissioned by the Portuguese National Innovation Agency (ANI), this project involves five PhD and two Master's students.

- "Evaluation Needs and Methods of Research and Innovation Policies co-financed by European Funds (2022/2024)". Commissioned by the Portuguese Development and Cohesion Agency (ADC) through a competitive tender, this project involved four PhD students.

- "Ex Ante Evaluation of the Innovation and Digital Transition Operational Programme" (2022). Commissioned by the Managing Authority of Compete 2030, the project involved five Master's students.

- "Counterfactual evaluation of business support: cross-referencing causal inference and machine learning approaches" (2021-2022). Commissioned by the Portuguese Technical Assistance Operational Program through a competitive tender, the project involved five Master's students.

- "Artificial Intelligence in Incentive Management" (2020/2021). Developed in collaboration with the Portuguese public agencies IAPMEI and AICEP, the project involved four Master's students.

Most of the master's students who took part in the previous projects have gone on to study at doctoral level, focusing their research on the fields covered by those projects, and are currently working in informal research group, with senior academics. Some of these students began their research path during a 3-month programme called "Summer with Science", funded by the Portuguese Science and Technology Foundation through a competitive call, which I coordinated between July and September 2020, the aim of which was to introduce promising young graduates to research methods and policy evaluation.

3. Contributions to the scientific community: Referee for the following journals: *Análise Social*, *Boletim Mensal de Economia Portuguesa*, *E-Cadernos do CES*, *Economics of Innovation and New Technology*, *Industrial and Corporate Change*, *Journal of Evolutionary Economics*, *Notas Económicas*, *Portuguese Journal of Social Science*, *Relações Internacionais*.

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Organisation of scientific events:

- Member of the Organising Committee of the Summer School "Economic Crisis and Social Struggles", Brescia (Italy), 17-21 June 2019.
- Co-coordinator of the Organising Committee of the "1st Annual Political Economy Meeting", Lisbon, 25-27 January 2018.
- Organiser of the Seminar "Evaluating the Impact of the European Structural and Investment Funds (ESIF) on Business Performance", Lisbon, 17 November 2017.
- Organiser of the Workshop "Methodological choices in counterfactual impact evaluation of firm support policies", Lisbon, 16-17 November 2017.
- Member of the Local Organising Committee of the IIPPE 7th Annual Conference in Political Economy, Lisbon, 6-9 September 2016.
- Co-Organiser of the OECD Workshop "Assessing the Impacts of Research Systems", Lisbon, 27-28 April 2015.
- Organiser of the Workshop "Counterfactual logic in evaluating the impact of public policies - Quasi-experimental methods", ISCTE-IUL, 4 July 2014.
- Organiser of the Seminar "Promoting knowledge-intensive entrepreneurship: crossing policy and academic perspectives", ISEG/UTL, October 2010.

4. Contributions to society: I have a regular presence in the Portuguese media, including a weekly television program since 2015 on RTP (the Portuguese State-Owned Broadcast company) and more than 300 articles in the most relevant Portuguese newspapers. I am also a co-author of one of the most influential political economy blogs in Portugal (Ladrões de Bicicletas) since 2007, and an active author on Facebook since 2015 (with over 20.000 followers). Most of my media interventions deal with economic policy analysis, especially in the areas I focus on in my teaching and research.

Between 2017 and 2020, I was a member of the Economic and Social Council, the Portugal tripartite constitutional entity for social dialogue, elected as a Person of Recognized Merit.

In the last decade, I have also participated in several governmental and parliamentary committees related to economic policy issues.

In addition to my academic-oriented publications, I have produced several dissemination works, in the form of books, book chapters and reports, both national and international, dealing with topics such as the Portuguese economy, industrial policy, European integration, and financial crisis.

Between 2019 and 2023 I coordinated the annual report "The State of the Nation and Public Policies", published by Iscte's Institute for Public Policies, which had a very high impact in both the traditional and the social media, fostering more informed and rigorous discussions on the policy challenges in Portugal.

- Scientific production and/or selected activities: Below you will find a selection of additional publications that are representative of my scientific production.

- Martins, D., & Mamede, R. P. (2022). "Alternative views on Portuguese stagnation: from the euro's inception to the COVID-19 pandemic". *International Journal of Political Economy*, 51(1), 49-64, DOI: 10.1080/08911916.2022.2046345.

This paper deepens understanding of economic policy impacts, external shocks, and structural challenges in Portugal, prompting further exploration into strategies for sustainable economic growth in small open economies facing global challenges. My contribution was focused on the empirical dimensions of the analysis.

- Barradas, R.; Lagoa, S.; Leão, E.; Mamede, R.P. (2018), "Financialisation in The European Periphery and The Sovereign Debt Crisis: The Portuguese Case", *Journal of Economic Issues* 52:4, 1056-1083, DOI: 10.1080/00213624.2018.1527589 .

This paper advances understanding of financialization dynamics amidst the sovereign debt crisis in Europe, with a focus on Portugal. It sheds light on the intricate relationship between

| Name | Nuclear CV | Dedication % ORCID iD |
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financialization, economic policy, and crisis management, with relevant policy implications. My contribution was focused on the political economy dimensions of the analysis.

•Mamede, R.P. (2017), "Structural asymmetries, innovation measurement, and innovation policies in the EU", Portuguese Journal of Social Science 16(3), pp. 377 - 392, DOI: 10.1386/pjss.16.3.377_1

This research provided valuable insights into innovation measurement methodologies (in particular, composite indexes) and their policy implications. It puts forward proposals for more adequate uses of the European Innovation Scoreboard, which were taken into account by the European Commission experts. I am the sole author.

•Mamede, R.; Godinho, M.M.; Simões, V.C. (2014). "Assessment and challenges of industrial policies in Portugal: is there a way out of the 'stuck in the middle' trap?". In A. Teixeira, E. Silva e R. Mamede (Orgs.), Structural Change, Competitiveness and Industrial Policy: Painful Lessons from the European Periphery. London: Routledge.

The chapter examines the industrial policies implemented in Portugal and the challenges faced by the country, shedding light on the complexities of fostering industrial development in regions with structural constraints and peripheral positions within the global economy. I was the leading author of this work.

[Ricardo Pereira Barradas](#)

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25 [0000-0003-0212-3568](#)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:Instituto Politécnico de Lisboa (IPL)
- Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure»)
- Professional category:Docente Politécnico - Professor adjunto
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

[Ricardo Venâncio Lopes](#)

7F1A-5EAF-F24B

40 [0000-0001-8621-746X](#)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de trabalho em funções públicas a termo resolutivo certo
- Professional category:Docente Universitário - Professor auxiliar convidado
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

[Rogério Paulo Vieira de Almeida](#)

4715-B3A4-FD3B

32 [0000-0002-1936-0044](#)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:Faculdade de Arquitectura da Universidade de Lisboa (UL) (FA UL/Ulisboa)
- Linking modality:Contrato de trabalho em funções públicas a termo resolutivo incerto
- Professional category:Docente Universitário - Professor auxiliar
- Retiree?No

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|---|------------|--------------|-------------------------------------|
| <ul style="list-style-type: none"> Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Saila-Maria Saaristo D81D-2B69-1496 Participation in the R&D Unit | | 100 | 0000-0002-6535-8586 |

- Has contract or link with a Portuguese institution? Yes
- Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality: Contrato de bolsa de investigação na instituição
- Professional category: Bolsa de investigação pós-doutoral (BIPD)
- Retiree? No
- Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

| | | | |
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| Sandra de Sá Guerra Marques Pereira B917-875F-0A2F Participation in the R&D Unit | ✓ | 100 | 0000-0002-4887-8029 |
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- Has contract or link with a Portuguese institution? Yes
- Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality: Contrato de trabalho a termo incerto
- Professional category: Investigador auxiliar convidado
- Retiree? No
- Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

Narrative CV

- Scientific and professional profile and career: After graduating in Sociology (ISCTE/1993) with a thesis on housing co-operatives, I worked in a town hall in the greater Lisbon area. In 1998 I got my Master in Territorial Sociology (ISCTE). From 1998 to 2003, I worked for national public housing institutions, where I accompanied the Special Rehousing Programme. During this time, I deepened my knowledge of many social housing estates and the institutional contexts for designing and implementing public policies. In 2010 I got my PhD in Sociology (ISCTE) with an FCT grant and a thesis on housing models and middle class ways of inhabiting. During my PhD I remained involved in the public sector as a member of the Strategic Housing Plan team (2008-13). From 2007 to 2010 I coordinated the FCT research "New Housing Types in the Housing Market" and from 2010 to 2013 the research "Residential Trajectories and Metropolisation" (FCT). This was "informal" coordinations since at the time of these applications I had not yet finished my PhD, required to become a PI. From 2012 to 2022 I was a guest lecturer in Architecture at ISCTE. Since 2022 I have taught for the Master of Urban Studies at Universidade Nova de Lisboa/ISCTE. From 2012 to 2018 I had a Post-Doc grant, continuing my research on trajectories and developing other themes on housing. From 2018 to 2022, the year I was hired as a career researcher at ISCTE, I had a research contract under a specific legal context (known as the transitional law). Since 2015 I have co-coordinated the Southern European Housing WG of the European Network for Housing Research. Since 2017 I have focused mainly on the crisis of housing affordability (middle classes). In this context, and in addition to research, I am strongly involved in public debate: opinion articles in leading newspapers, TV debates/interviews, podcasts, conferences, etc. Since 2021, I coordinate LxHabidata. Since 2022 I've been the PI of (FCT) Álvaro Siza's housing: projects, contexts and experiences (Porto-Lisbon-NY).
- Contributions to science and society:

1. Contributions to the generation of new ideas, tools, methodologies or knowledge: Since my PhD, my research has centred on housing and urban changes with a focus on two major, interrelated themes:

A. Real estate production, housing models, ways of inhabiting and the construction of the Lisbon Metropolitan Area, with contributions to knowledge in 3 areas:

1. With my PhD thesis, "House and Social Change: a reading of the changes of Portuguese society through the house", I worked on the dominant models of private sector housing in the 20th century and the ways of inhabiting of the "new middle classes" (Lisbon) and won two national prizes for best PhD thesis (2011; 2012). Main contributions to knowledge: 1. The dominant floor plans (20th century) incorporate the values of privacy/family of their time, which is visible in the morphology, type, hierarchy and location of the rooms; 2. The delay in modernization, following the dictatorship, implied a delay in the return to the inner-city by the "new middle classes", something that contributes to explaining the processes of "indirect displacement" that are at the root of the current housing crisis.

The thesis resulted in two books - the first, with two editions (2012/2016), with the same title as the thesis, and the second "Visit the model floor. 30 years of property advertising" (2014) - and the chapter "Scenarios of domestic daily life" in the History of Private Life in Portugal (v.5), a national reference publication (2011). Subsequently, I developed "socio-spatial biographies" of buildings, a useful methodology for studying social and urban changes. Currently, as PI of the FCT SIZA_3CITY project (2022-24), I am further developing this approach.

2. With the research of modern mass estates (middle classes), I highlight: a. the demystification of the dominant perception of the "periphery" and of these estates as territories of rootlessness, which is mainly explained by the social profile of the population (higher education) - social class explains the different skills in terms of "civic urbanism", a key driver of the urban-social consolidation of these estates; b. three other factors contribute to the diversity of these estates in terms of morphology, density and quality: i. location and their functional, economic and symbolic status; ii. pre-existence of binding urbanization plans; iii. profile and modus operandi of the developer and other players involved. These contributions are in two articles (Pereira, 2016; Pereira & Corte-Real, 2022), in a chapter (Pereira and Guerra, 2018) that compares a case from Lisbon and another from Luanda, and in presentations at national and international conferences.

3. Residential trajectories in the LMA. The main contribution to knowledge presented in the article (Pereira and Ferreira, 2016) and in various papers is the typification and characterization of the residential trajectories of LMA residents born between 1945 and 1975. The work led to the conclusion that during this period, and despite the great diversity of trajectories, "reproduction" (staying in the same area) was dominant, and that centrifugal trajectories, a minority, was heterogeneous according to class, gender and age.

B. Post-Troika housing changes (housing affordability crisis) and public policies.

In 2016, before the "Lisbon, what future?" conference, I started working on this topic, and since then I have focused on the causes and outcomes of the crisis, and on discussing the resulting policies. Knowledge contributions: 1. comprehension of the confluence of dynamics (international, national and local) that triggered it, which justify the specificity of Lisbon/Portugal, and the characterization of one of the sectors most involved - short-term rental/STR, which, at a national level, is mostly composed of small owners who took advantage of this activity as an economic opportunity, in a country that is very dependent on tourism; 2. dismantling of the public and political processes of construction of the crisis and the complex role of the middle classes - accomplices, victims and denouncers of the crisis (Pereira, 2018, 2020a, 2020b). In 2020 I researched

- the impacts of the pandemic through two surveys published in two reports "Housing and Covid-19" and "Short-term renting and Covid-19: survey of owners and managers" and in the article "Covid-19 and Short-Term Rental in Portugal: Unpredictable Futures". In 2021 we launched LxHabidata, which I coordinate and detail in section 3. I have given around 15 national and international lectures on this subject, of which I emphasize: 1. "Lisbon's Urban 'Renaissance': specificities of a Southern European City" (Paris-Val de Seine/2018); 2. "Portugal, the process of public and parliamentary discussion of a 'post-neo-liberal' housing policy" (Lodz, ENHR/2023); 3. "The trajectory of the housing problem in Portugal: specificities and common aspects in the international context" (Opening Conference of the Blended Intensive Programme Living in Lisbon/2023 ISCTE).
- Contributions to the training and career development of researchers and/or research teams: In the research (FCT) "Residential Trajectories and Metropolisation: continuities and changes in Lisbon Metropolitan Area" (2010-13), I coordinated the team and supervised two graduate fellows whose main tasks were to support the creation of the interactive website and process the AML survey (N=1500). As a team member of the projects (FCT) "LLM - Homes for the biggest number: Lisbon, Luanda, Macao" (2013-2015) and "Middle-Class Mass Housing in Europe, Africa and Asia" (2018-2022), both coordinated by architects, I was responsible for the sociological component (surveys, interviews) of the Lisbon cases. In the second, I supervised a PhD researcher for two years. Since 2020 I have been coordinating the LxHabidata platform and the (sequential) work of three junior sociologists - collecting, processing and updating data on housing. As PI of the FCT research "SIZA_3CITY: Álvaro Siza's collective housing: projects, contexts and experiences (Porto-Lisbon-NY)" (2022-24), I coordinate a multidisciplinary team (social sciences and architecture) and a doctoral student on a threefold approach (production/promotion, commercialization, consumption) of three housing developments by this renown Portuguese architect. In this context, I supervised a master's dissertation in Urban Studies on the media construction of Siza's image. I supervised two other master's dissertations (2020, 2021), and I am currently supervising and co-supervising two PhD theses (architecture).
In teaching, I conceived and taught the course "Society and Architecture" in the Integrated Master of Architecture (from 2012 to 2020) and I taught in the PhD Architecture of Metropolitan Territories at ISCTE. Since 2022 I share the course on Housing & Ways of Inhabiting within the Master of Urban Studies - Universidade Nova de Lisboa/ISCTE. Between 2014 and 2019 I gave an annual lecture as part of the Master in Collective Housing, Universidad Politecnica de Madrid, Escuela Tecnica Superior de Arquitectura.
 - Contributions to the scientific community: In 2017 I organised the conference "Lisbon, What Future?" which was the kick-off for our research group on the affordability crisis and a milestone in the public discussion of this subject. With top international speakers such as S. Zukin and D. Ley, the conference had around 500 participants. I have been the co-organiser of Southern European Housing WG workshops/European Network for Housing Research conferences: 2015, Lisbon; 2016, Belfast; 2017, Tirana; Athens, 2019, Nicosia/online, 2021, Barcelona, 2022, Lodz, 2023. I was also co-organiser of the webinars "COVID-19 and housing in Southern Europe" (2021) and "Southern European Housing policies in the 2020's: the farewell to residualisation?" (2023), following which we are organising a special issue in Critical Housing Analysis to be published in 2024. I co-organised the Sub-Session "Urban Competitiveness and social challenges" of the International Conference "Grand Projects/Urban Legacies" (ISCTE/2021) and the seminar "The role of overseas investors in the London new-build residential market" by Kath Scanlon, LSE (ISCTE/2018). I have done peer reviews, namely in City, Territory and Architecture (2022) and Regulation & Governance (2023). I chaired a PhD jury on the Architecture of Metropolitan Territories (2022). I was arguer of two PhD thesis - at L'Ecole des Hautes Études en Sciences Sociales (2018)/Paris and the Faculty of

Architecture of Lisbon (2022) - and of 5 master's dissertations (2 in 2016; 2 in 2018; 1 in 2021).

4. Contributions to society: My contributions to society focus on public intervention and participation in the debate on the housing crisis and policies through the media (opinion pieces in leading national newspapers, testimonies in reports, television debates) or conferences/debates for the general public. Of the 15 opinion pieces I've published, I highlight three: "The Housing Problem in Global Mode" (2018, Expresso); "Lisbon 2022: from gentrification to geoarbitrage" (2022, Público); "Housing: an ongoing process of change" (Público/2023). On television, I highlight the participation in three in-depth, prime-time debates on mainstream Portuguese channels and an interview for Euronews. LxHabidata, which has multiple targets (civil society, researchers, public policy decision-makers, etc.), is also a key contribution which, along with the others, is aimed at strengthening the quality and grounded rationale of this debate. I'm also a member of Lisbon's commissions on housing and short-term rentals. I also highlight my contribution to the dissemination of knowledge on the history of housing and the conditions and ways of inhabiting in Portuguese society since the dictatorship. Here I underline the chapter in the History of Private Life in Portugal (2011), an in-depth article (which I was invited to write by the director) published in the newspaper Público in the series "What we have done to get here" (2023) and a long interview for a television documentary with the same approach (recorded in 2023).
- Scientific production and/or selected activities: Pereira, S. M. (2020b) Regulation of short-term rentals in Lisbon: striking a balance between tourism dependence and urban life. Urban Research & Practice: 1-28. DOI: 10.1080/17535069.2020.1842901
Explores the content of the regulation of STR in Lisbon (framing policies at an international level) by understanding its background: the local peculiarities of STR and its public problematisation; its politicisation and the anatomy of the legislation process. A process that intersects with the recent urban/housing changes of Lisbon. Contribution: author

LxHabidata is a platform, launched in 2021, which brings together dozens of housing indicators (market, short-term rental, public and private housing stock, taxes, etc.) from various sources for the 18 municipalities and 118 parishes of the Lisbon Metropolitan Area. Data is presented in maps, graphs and tables that can be downloaded by the user. It fills a key gap by providing citizens, experts, researchers, students, teachers and public policy actors with solid information for reflection and intervention in the public debate. Contribution: concept and coordination of implementation and monitoring
<https://lxhabidata.iscte-iul.pt/>

Pereira, S. M. & Corte-Real, M. (2022) Modern estates and the production of Lisbon's suburbs: from the planned to the lived neighbourhood. City, Territory and Architecture: 1-13. DOI: 10.1186/s40410-022-00163-4

It explores the contribution of modern estates in the construction of Lisbon's peripheries. It compares two cases in peripheries that are opposites in location, geography, socio-functional structure and status. It compares the two plans with their implementation and physical and social consolidation (population profile, experiences and perceptions), identifying the differentiating/successful factors in the consolidation of this housing model. Contribution: definition of structure and writing in conjunction with another co-author.

Co-coordination of the ENHR's Southern European Housing WG, which led to the annual organisation of the WG's WS, contributing to stimulating reflection and scientific production on housing and urban issues in Southern European countries, highlighting the webinar (2023) with 13 presentations on the theme "Southern European Housing Policies in the 2020s: the farewell to residualisation?"

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Conception and teaching of the course "Society and architecture" which gave architecture students a substantive and methodological inter-disciplinary approach.

[Sara Cristina Moura da Silva Ramos](#)

60 [0000-0002-5876-0403](#)

541F-711A-F392

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure»)
- Professional category:Docente Universitário - Professor auxiliar
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

[Sebastião Ferreira de Almeida Santos](#)

100 [0000-0002-6814-5594](#)

861E-325F-C13B

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de investigação (BI)
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

[Sergio Miguel Chilra Lagoa](#)

30 [0000-0003-2790-6518](#)

621A-D70D-242B

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure»)
- Professional category:Docente Universitário - Professor auxiliar
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

[Sérgio Paulo Leal Nunes](#)

40 [0000-0003-4913-3966](#)

4717-B054-3B60

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:Instituto Politécnico de Tomar (IPT)
- Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure»)
- Professional category:Docente Politécnico - Professor adjunto
- Retiree?No

| Name | Nuclear CV | Dedication % | ORCID iD |
|--|---------------|--------------|-------------------------------------|
| <ul style="list-style-type: none"> Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 <p>Sérgio Vital Braz Caramelo 7014-77AB-5758</p> <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> Has contract or link with a Portuguese institution? Yes Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality: Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure») Professional category: Docente Universitário - Professor auxiliar Retiree? No Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | 30 | 0000-0003-4508-2794 |
| <p>Sónia Isabel Duarte Pereira Henrique BE13-FD11-89C1</p> <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> Has contract or link with a Portuguese institution? Yes Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality: Contrato de trabalho a termo incerto Professional category: Investigador júnior Retiree? No Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | 35 | 0000-0001-8374-8919 |
| <p>Teresa Marat-Mendes 2316-9E4D-F030</p> <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> Has contract or link with a Portuguese institution? Yes Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality: Contrato de trabalho em funções públicas por tempo indeterminado em regime de «tenure» Professional category: Docente Universitário - Professor associado Retiree? No Weighting factor: Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | ✓ | 45 | 0000-0002-4447-0413 |
| <p>Narrative CV</p> <ul style="list-style-type: none"> Scientific and professional profile and career: Teresa Marat-Mendes is a Portuguese Architect (University of Lisbon, 1994), with a MSc in Land Use Planning and Environmental Planning (New University of Lisbon, 1999) and a PhD in Architecture (The University of Nottingham - UK, 2002). Her scientific career started at the GOT research unit (UNL-FCT, 1995-1997). In 2010 she was integrated as a researcher at the DINÂMIA'CET research center (Iscte). At DC she was elected as a member of its scientific council (2013-2019) and up today she is a senior researcher. Teresa academic activity started as an Architecture Studio Tutor at the University of Nottingham (1998-2000). At the Department of Architecture and Urbanism of Iscte, she | | | |

became an Invited assistant (2002), following as Assistant Professor (2003), Associated Professor (2019) and Full Professor (2024).

- Contributions to science and society:

- Contributions to the generation of new ideas, tools, methodologies or knowledge:At DC Teresa was pioneer in the topics of urban sustainability and urban metabolism, having succeeded in guaranteeing the financing to the research projects SPLACH and MEMO for ISCTE. These 2 projects allowed Teresa to bring the issues of sustainability and metabolism with greater visibility into the study of architecture and urbanism, and therefore to consolidate her previous work on urban morphology and the launching of a research lab dedicated to the study of urban form and sustainability. Her methodological approach contributed to foster new progresses on the study of urban morphology while combining methodologies from urban metabolism informed by social ecology, and industrial ecology. The publication of the Atlas of the Food System, contextualized in the Lisbon Region, published by Springer attests the recognition of her novel interdisciplinary methodological approach and contributions to urban planning. Furthermore, she successfully transferred her research findings into the wider society, as attested in the exhibition about Lisbon Urban Agriculture in Lisbon, by invitation of the Lisbon Museum. Awards, interviews, and invitations to participate in international platforms do also attest her contributions for the fields of urban planning & sustainability. She was awarded Women in Science in 2019, by Ciência Viva. A recognition to Portuguese scholars whose outstanding work was central to the national progress in science and technology in the last decades. Within the scope of her research activity, several publications of scientific texts that attest to his scientific results stand out in books, articles and conference proceedings, both in international and national context. Relevant thematic for the field of architecture and urbanism, from the perspective of sustainability include: water and food in urban planning; an historical account of Portuguese urban planning instruments; and visual accounts of Lisbon region urban metabolism. The results of her research activity, recognized by the international scientific community, are witnessed in the various citations available in: i) international indexed journals, which include the prestigious Building and Environment, European Planning Studies, Journal of Urban and Regional Analysis, International Planning, Building and Environment, Environmental Innovation and Societal Transitions, Progress in Planning, Urban History, Boletín de la Asociación de Spanish Geographers, Urban Morphology, Architectural Science Review, Journal of Cleaner Production, Open Engineering, Architectural Science Review, and the Neural Networks World; (ii) books; but also in (iii) several national and international Master's Dissertations and PhD Theses. Also noteworthy is the set of invitations for interviews, guided tours, radio programs and seminars in local communities, thus contributing to the dissemination of knowledge and culture and the provision of services to the community. Several journals of the specialty indexed in ISI Web of Science|SCOPUS, namely Landscape and Urban Planning, Land Use Policy, Urbe-Revista Brasileira de Gestão Urbana, International Journal of Regional and Local History, Urban Morphology, the International Journal of Sustainability in Higher Education, among others, has requested its collaboration in the review of scientific articles. Furthermore, it should be noticed that the results of Teresa research have allowed public audiences, including nonacademic ones, to become more aware about the history of the city and its relation to the natural resources management. Moreover, the research allowed general public to get a proposal of a legend to a old map of the city of Lisbon (owned by the city Council) which did not have any legend until nowadays, This legend proposal was included in a public exhibition organized by the Museum of the City of Lisbon.
- Contributions to the training and career development of researchers and/or research teams:Teresa has supervised 4 PhD Thesis and is currently supervising other 7. She

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supervised more than 40 Master's dissertations and 2 post-doc researchers (one national and one international). Together with her PhD students and post docs she built a research group that has participated in funded research projects. Her main areas of focus is the study of architecture and urban form from the perspective of change and permanence, when in confront to socio-economic and environmental factors. All PhD students have followed Teresa's methodology and adopted in the study of distinct and complementary housing research periods.

Borges is a PhD researcher supervised by Teresa, investigating the relationship of residential architecture with urban planning history, strongly linked to urban sociometabolic concerns.

Lopes is a PhD researcher supervised by Teresa, investigating housing policies and their relation to urban form changes. Fernandes is a PhD researcher supervised by Teresa focused on the formal and functional relationship between the city and nature.

Cabrita has studies the 1930-60 economic housing context and morphologies.

D'Almeida, a postdoc supervised by Teresa, was also integrated in the MEMO and SPLACH projects, while approaching the study of architecture from the metabolic perspective adopted by Teresa.

Isidoro is a DC researcher with expertise in urban morphology, urban infrastructures, and mobility, from territorial to local scales. She investigated for SPLACH project existing micro-scale-built forms which are enabling Lisbon Region urban renewal on its former industrial areas, related to the food system

Moreover, Teresa has successfully promoted interdisciplinary research teams including colleagues from Environmental Engineering, Urbanism, Urban Morphology, Civil Engineering, Landscape Architecture, Urban Geography, Architecture, Anthropology, Sociology and Political Economy.

3. Contributions to the scientific community: Teresa participated in several research projects funded by FCT since 1995. At the international level, she participated in several funded research projects involving University Institutions, but also municipal entities, namely the Ayuntamiento de Santiago de Compostela. It is also at the international level that she has been called to participate in several expert panels, by recognized International Institutions, such as: the European Commission, to integrate panels of scientific experts to evaluate applications for scientific projects submitted to the Horizon 2020 Program (Community Framework Programme for Research & Innovation); Aarhus University, under the 7th Framework Programme of the European Union and Marie Curie Actions; and the 'Serra Hunter Programme', funded by the Government of Catalonia and Catalan Public Universities, for the panel 'Architecture: Urbanism and Territorial Planning'. At the national level, it is worth noting its participation since 2013 in the groups of expert evaluators for FCT PhD Scholarship calls, as well as in the A3ES Agency for the evaluation of course proposals submitted to the Agency for Assessment and Accreditation of Higher Education. The recognition of her research activity, mostly in the study of urban form (from an historical account perspective and from the point of view of sustainability, led to an international invitation from the President of the International Seminar on Urban Form (ISUF) to be part of its governing bodies.

4. Contributions to society: In 2018 she discussed at the Portuguese Parliament about Sustainability and Cities and in 2017, she integrated the Ministry of Environment Think Tank about the Future of Cities in 2050. In 2017 she collaborated with the Radio programme '90 seconds of Science', and in 2019 with the newspaper 'Público' about her research on the Sustainability Transition of Lisbon food system.

More recently she collaborated with the Portuguese Association of Architects while teaching urban metabolism to architects, technicians, urbanists which have been looking for specific tools to improve their own practice.

- Scientific production and/or selected activities: Following her contributions to the MEMO and SPLACH projects, she was a consultant for the Museum of the City of Lisbon within the scope of the Exhibition 'Cultivar: The Gardens of Lisbon' (2020-2021) and collaborated in the

preparation of the Cycle of Conversations, 'Housing and the city: the past, the present and the future of Lisbon' and the catalogue of the exhibition 'Housing Policies in Lisbon, from Monarchy to Democracy', for the Museum of the City of Lisbon.

Marat-Mendes, T., Lopes, A., Borges, JC., Bento d'Almeida, PB (2022) Atlas of the Food System. Challenges for a sustainable transition of the Lisbon Region (Springer). ISBN-13: 978-3030948320.

Teresa was the IR of Project SPLACH and the organizer of the work programme for the task. She supervised the work carried for the Atlas.

Marat-Mendes, T., Isidoro, I., Catela, J., Pereira, M., Borges, JC., Lopes, S., Henriques, C. (2021) Drivers of change: how the food system of the Lisbon Metropolitan Area is being shaped by activities, initiatives and citizens needs towards a sustainable transition. CIDADES, Comunidades e Territórios. Spring Special Issue |2021, 41-62. DOI: 10.15847/cct.20490.

Teresa supervised the SPLACH research team and guided the task that surveyed the initiatives related to food system in Lisbon Metropolitan Area.

Marat-Mendes, T., D'Almeida, PB., Borges, JC. (2021) Concepts and definitions for sustainable planning transition: Lessons from moments of change. European Planning Studies 30(8), 1421-1443. 1894095 DOI: 10.1080/09654313.2021.1894095.

Teresa supervised the SPLACH research team, and the task dedicated to the literature review on planning transitions that is the ground of this article.

[Teresa Maria Ribeiro Belo Rodeia](#)

7D1D-D2CC-0824

40 [0000-0003-1789-4859](#)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure»)
- Professional category:Docente Universitário - Professor auxiliar
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

[vasco tomaz](#)

6A11-D37B-32FC

40 [vasco tomaz](#)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:Good Sleep, Lda. (GS)
- Linking modality:Contrato de trabalho a termo incerto
- Professional category:Outras categorias, não equiparáveis às anteriores, exigindo habilitação superior
- Retiree?No
- Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00

[Vítor Hugo Ferreira da Silva](#)

EF10-ABA1-5E29

50 [0000-0002-5158-8815](#)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes

| Name | Nuclear CV | Dedication % | ORCID iD |
|---|------------|--------------|-------------------------------------|
| <ul style="list-style-type: none"> Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality:Contrato de trabalho em funções públicas a termo resolutivo certo Professional category:Docente Universitário - Professor auxiliar convidado Retiree?No Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Walter José dos Santos Rodrigues | | 30 | 0000-0001-8244-0189 |
| 1612-8313-9074 | | | |
| Participation in the R&D Unit | | | |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?Yes Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure») Professional category:Docente Universitário - Professor auxiliar Retiree?No Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |
| Winston Silvestre | | 100 | 0000-0002-8890-1609 |
| 2C12-7EBF-3DCB | | | |
| Participation in the R&D Unit | | | |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?Yes Institution:Iscte Conhecimento e Inovação (Iscte CI-CVTT) Linking modality:Contrato sem remuneração Professional category:Outras categorias, não equiparáveis às anteriores, exigindo habilitação superior Retiree?No Weighting factor:Researchers with an exclusive or full-time employment contract. - weighting factor = 1.00 | | | |

9.2 List of Collaborating Researchers of the R&D Unit

| Name | Dedication % | ORCID iD |
|--|--------------|-------------------------------------|
| Ágata Dourado Sequeira FF13-9CEE-0D93 | 10 | 0000-0002-3615-9457 |
| Participation in the R&D Unit | | |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?Yes Institution:ANI - AGÊNCIA NACIONAL DE INOVAÇÃO, S.A (ANI) Linking modality:Contrato de trabalho a termo incerto Professional category:Técnico superior Retiree?No | | |
| Albertina da Conceição Dias A11F-2D4C-BA18 | 10 | 0000-0002-9995-3244 |
| Participation in the R&D Unit | | |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?Yes Institution:Faculdade de Engenharia da Universidade do Porto (FE/UP) | | |

| Name | Dedication % ORCID iD |
|--|---|
| <ul style="list-style-type: none"> • Linking modality:Contrato de trabalho a termo incerto • Professional category:Investigador - Outra • Retiree?No | |
| Alexandre Prazeres Mergulhão 171C-66B6-D05E | 100 0000-0002-3366-698X |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?No | |
| Ana Catarina Serafim de Sousa Graça F513-9C62-28AC | 100 0000-0003-1962-6655 |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?No | |
| Ana Maria de Saint-Maurice Correia de Matos DB16-0F89-C052 | 40 0000-0003-4877-8164 |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?Yes | |
| Ana Rita Cruz 5D1C-7A38-1221 | 5 0000-0002-3723-4682 |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Universidade do Algarve (UAlg) • Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure») • Professional category:Docente Universitário - Professor auxiliar • Retiree?No | |
| Beatriz da Silva Corado 8D15-5AD5-7CF3 | 100 - |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho a termo incerto • Professional category:Técnico superior • Retiree?No | |

| Name | Dedication % | ORCID iD |
|---|--------------|---|
| Beatriz Serrazina 6B1D-C590-F70A Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de bolsa de investigação na instituição • Professional category:Bolsa de investigação (BI) • Retiree?No | 100 | 0000-0003-4679-606X |
| Bruno Miguel Neves Dinis Pinto de Vasconcelos C01B-6F6E-B3E1 Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho sem termo (sem regime de «tenure») • Professional category:Técnico superior • Retiree?No | 100 | - |
| Catarina Lopes Mateus 561E-8652-3414 Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de bolsa de investigação na instituição • Professional category:Bolsa de doutoramento (BD) • Retiree?No | 100 | - |
| Claudia Isabel Rego Gonçalves Vajao da Cruz Dias 5912-A5B4-39A1 Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho a termo incerto • Professional category:Docente Universitário - Professor auxiliar convidado • Retiree?No | 10 | 0000-0001-8142-3010 |
| Eduardo José Rocha Medeiros C81F-531B-CE85 Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Instituto Politécnico de Setúbal (IPSetúbal) • Linking modality:Contrato de trabalho a termo incerto • Professional category:Investigador auxiliar • Retiree?No | 20 | 0000-0002-8877-5606 |
| Filipa Raquel Alves Fiúza 0519-3CF8-9C50 Participation in the R&D Unit | 5 | 0000-0002-3456-2234 |

| Name | Dedication % ORCID iD |
|---|--|
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?No | |
| FLAVIO BARBINI B11A-6199-7E9C | 50 - |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?No | |
| Giles Bruno Valla Teixeira BC1E-5CD0-D3BF | 5 - |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?No | |
| Gonalo Rodrigues Brás 461E-088F-70B5 | 5 0000-0002-8704-4035 |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?No | |
| HERNÂNI CUSTÓDIO DO CARMO 2F10-FC15-0072 | 100 - |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?No | |
| Isabel Maria Pimentel de Carvalho Guerra 0715-9719-A33F | 75 0000-0002-2993-796X |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- | |

| Name | Dedication % ORCID iD |
|--|--|
| <ul style="list-style-type: none"> • Retiree?Yes <p>João Miguel Pereira Concha DF1D-EA17-0ADF</p> <p>Participation in the R&D Unit</p> | 30 0000-0001-8258-5740 |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?No | |
| <p>João Paulo Fialho de Almeida Pereira Delgado 0D17-FEBA-2FD5</p> <p>Participation in the R&D Unit</p> | 15 0000-0002-6353-1568 |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Universidade da Beira Interior (UBI) • Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure») • Professional category:Docente Universitário - Professor auxiliar • Retiree?No | |
| <p>João Pedro Vaz Pinheiro Estevão FD19-6F4B-ECD2</p> <p>Participation in the R&D Unit</p> | 10 0000-0003-1962-6399 |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Instituto Politécnico de Portalegre (IPPortalegre) • Linking modality:Contrato de trabalho a termo certo • Professional category:Docente Universitário - Professor auxiliar • Retiree?No | |
| <p>Jorge Duarte Pinheiro D51A-BDD4-6B19</p> <p>Participation in the R&D Unit</p> | 10 0000-0002-4177-2619 |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Faculdade de Direito da Universidade de Lisboa (FD/ULisboa) • Linking modality:Contrato de trabalho sem termo em regime de «tenure» • Professional category:Docente Universitário - Professor associado • Retiree?No | |
| <p>Laura Sobral Rodrigues E714-929C-43FC</p> <p>Participation in the R&D Unit</p> | 100 - |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de bolsa de investigação na instituição • Professional category:Bolsa de doutoramento (BD) • Retiree?No | |

| Name | Dedication % | ORCID iD |
|---|--------------|---|
| <p>Lia Andreia Cristóvão Ferreira 7A1D-06F5-65FE</p> <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?No | 100 | 0000-0002-4405-6431 |
| <p>Luís Fernando Pimentel de Oliveira Vasconcelos Abreu DA18-2C12-2D27</p> <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure») • Professional category:Docente Universitário - Professor auxiliar • Retiree?No | 5 - | |
| <p>LUÍS FERREIRA DE ALMEIDA CARNEIRO 9C11-32AC-5AC6</p> <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?No | 5 | 0000-0002-4671-7715 |
| <p>Madalena Calvão Borges Antunes Ferreira A31F-8296-6B9C</p> <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de bolsa de investigação na instituição • Professional category:Bolsa de investigação (BI) • Retiree?No | 100 | https://orcid.org/0009-0005-5132-5758 |
| <p>Madalena Matos 761F-1BD3-E5E4</p> <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?Yes | 30 - | |
| <p>Mafalda Alcaria da Silva Pifano 3919-FE63-9421</p> | 100 | 0000-0002-6642-9884 |

| Name | Dedication % | ORCID iD |
|--|--------------|---|
| Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho a termo incerto • Professional category:Técnico superior • Retiree?No | | |
| Manuel António Pita 5D17-DE6E-BFB6 | 30 | 0000-0001-9621-3024 |
| Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?Yes | | |
| Maria Cristina Fernandes de Almeida 491F-9C9F-4716 | 60 | - |
| Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?No | | |
| Maria Inês Patrício Lopes Gameiro D315-593C-AE6A | 30 | 0000-0001-7813-7435 |
| Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:MINISTÉRIO DO MAR (MM) • Linking modality:Contrato de trabalho a termo incerto • Professional category:Técnico superior • Retiree?No | | |
| Maria Joana de Carvalho Catela Teixeira B018-EBAB-1FFE | 5 | 0000-0002-2347-6613 |
| Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Instituto Politécnico de Leiria (IPLeiria) • Linking modality:Contrato de trabalho a termo certo • Professional category:Docente Politécnico - Professor adjunto convidado • Retiree?No | | |
| Maria João Feliciano Flor Machado 9D16-7F02-ABF9 | 100 | https://orcid.org/0009-0001-9017-4017 |
| Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) | | |

| Name | Dedication % ORCID iD |
|---|---|
| <ul style="list-style-type: none"> • Linking modality:Contrato de trabalho sem termo (sem regime de «tenure») • Professional category:Técnico superior • Retiree?No | |
| Maria José Rodrigues 3A1D-19C8-F835 | 100 - |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho sem termo (sem regime de «tenure») • Professional category:Técnico superior • Retiree?No | |
| Maria Luísa Teixeira Alves 4C12-7D55-E672 | 20 - |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho sem termo (sem regime de «tenure») • Professional category:Docente Universitário - Professor auxiliar • Retiree?No | |
| Maria Margarida Perdigão Festas Mariño Ucha F210-AE38-44F5 | 10 0000-0003-0177-3147 |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?No | |
| Mariana Sanchez Salvador A91F-424C-DC6E | 100 0000-0003-1016-9208 |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?No | |
| Mariana Serradas Duarte Cortes Amaro Leite Braga C71D-E033-987C | 100 - |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho sem termo (sem regime de «tenure») • Professional category:Técnico superior • Retiree?No | |

| Name | Dedication % | ORCID iD |
|--|---------------------|---|
| Mário Silveiro de Barros 301A-1904-A842 Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de trabalho a termo incerto • Professional category:Docente Universitário - Professor auxiliar convidado • Retiree?No | 5 | 0000-0002-5526-1553 |
| Marta Gonçalves Vicente EE1A-B5BD-5AAF Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?No | 30 | 0009-0007-5034-2040 |
| Muriela Padua B41D-C0DF-F905 Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Universidade do Porto (UP) • Linking modality:Contrato de trabalho a termo incerto • Professional category:Investigador júnior • Retiree?No | 20 | 0000-0002-9286-5241 |
| Nuno Dias E016-EB35-B4FD Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Universidade Nova de Lisboa (UNL) • Linking modality:Contrato de trabalho a termo incerto • Professional category:Investigador auxiliar • Retiree?No | 5 | 0000-0003-2520-8994 |
| Oscarina Conceição 2014-ECE3-6B73 Participation in the R&D Unit <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Instituto Politécnico do Cávado e do Ave (IPCA) • Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure») • Professional category:Docente Politécnico - Professor adjunto • Retiree?No | 40 | 0000-0001-8072-8250 |
| Patrícia Andrea Rodrigues André 1B1D-B7D6-6957 Participation in the R&D Unit | 50 | 0000-0001-5514-8748 |

Name**Dedication % ORCID iD**

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de doutoramento (BD)
- Retiree?No

Patrícia de Souza Cançado Amorim
2813-B2D1-E756

100 [0000-0001-7792-1949](https://orcid.org/0000-0001-7792-1949)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

Paula Guerra
D912-F982-27A6

5 [0000-0003-2377-8045](https://orcid.org/0000-0003-2377-8045)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:Faculdade de Letras da Universidade do Porto (FL/UP)
- Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado em regime de «tenure»
- Professional category:Docente Universitário - Professor auxiliar
- Retiree?No

Paula-cristina Ciurean-moldovan
F31B-5319-779C

5 [0000-0002-1463-3867](https://orcid.org/0000-0002-1463-3867)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

Paulo Manta Pereira
651E-46E5-23A2

5 [0000-0003-3796-6768](https://orcid.org/0000-0003-3796-6768)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

Pedro Casanova
201C-672F-1203

30 [0009-0005-6813-4405](https://orcid.org/0009-0005-6813-4405)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-

| Name | Dedication % ORCID iD |
|--|---|
| <ul style="list-style-type: none"> Professional category:- Retiree?No | |
| Pedro Luís de Matos Ferreira da Silva 8610-20F1-CBDD | 25 0000-0002-0575-5969 |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?No Institution:- Linking modality:- Professional category:- Retiree?No | |
| Raquel Gameiro Lopes 341C-250C-F891 | 100 - |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?Yes Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality:Contrato de bolsa de investigação na instituição Professional category:Bolsa de doutoramento (BD) Retiree?No | |
| Reinhard Friedrich Wilhelm Naumann 3218-F51E-A2F1 | 40 0000-0003-0881-8141 |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?No Institution:- Linking modality:- Professional category:- Retiree?No | |
| Rita Henriques Caldeira Guimarães 9415-1C9E-D904 | 100 - |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?Yes Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality:Contrato de trabalho a termo incerto Professional category:Técnico superior Retiree?No | |
| Rui Miguel Simões Gonçalves Mendes 101A-6EFF-DBB2 | 100 0000-0001-5243-874X |
| Participation in the R&D Unit | |
| <ul style="list-style-type: none"> Has contract or link with a Portuguese institution?Yes Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) Linking modality:Contrato de bolsa de investigação na instituição Professional category:Bolsa de doutoramento (BD) Retiree?No | |

| Name | Dedication % ORCID iD |
|--|--|
| <p>Sérgio Pinto B21F-4E50-23FD</p> <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?No | 5 0000-0002-6910-0128 |
| <p>Simone Amorim 621D-5260-0389</p> <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?No | 40 0000-0002-0015-3774 |
| <p>sonia lima EF1D-D774-63EA</p> <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?No • Institution:- • Linking modality:- • Professional category:- • Retiree?No | 10 https://orcid.org/0000-0002-9773-6692 |
| <p>Sonja Dragovic AF1E-5555-DC22</p> <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL) • Linking modality:Contrato de bolsa de investigação na instituição • Professional category:Bolsa de doutoramento (BD) • Retiree?No | 100 0000-0002-8835-6188 |
| <p>Susana Paula Silva Oliveira 221F-EEA6-A7D7</p> <p>Participation in the R&D Unit</p> <ul style="list-style-type: none"> • Has contract or link with a Portuguese institution?Yes • Institution:Instituto Politécnico de Viana do Castelo (IPVC) • Linking modality:Contrato de trabalho em funções públicas por tempo indeterminado (sem regime de «tenure») • Professional category:Docente Politécnico - Professor adjunto • Retiree?No | 10 0000-0003-1081-5732 |
| <p>Susana Teresa de Azevedo Nogueira 241A-F89D-8BD3</p> <p>Participation in the R&D Unit</p> | 100 0000-0002-1198-3538 |

Name**Dedication % ORCID iD**

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de doutoramento (BD)
- Retiree?No

Tiago Louro Alves
AA1E-7F3F-342A

100 [0000-0001-7093-1431](https://orcid.org/0000-0001-7093-1431)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de investigação (BI)
- Retiree?No

Tiago Miguel Tito Candeias
9113-8384-835C

100 -

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de investigação (BI)
- Retiree?No

Tomás Manuel Lança Martins
BF15-F9C3-F70F

100 -

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

VASCO BARROSO GONÇALVES
EE14-491A-8658

30 [0000-0003-3156-5314](https://orcid.org/0000-0003-3156-5314)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?Yes

9.3 List of PhD students supervised by integrated PhD holder researchers in the R&D Unit

Name**Dedication % ORCID iD**

Amarílis Vaz Felizes
4615-2E6D-22FB

50 [0000-0001-6665-4187](https://orcid.org/0000-0001-6665-4187)

Participation in the R&D Unit

Name**Dedication % ORCID iD**

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

PhD info

- Doctoral program:Economia Política, Doutoramento Interdisciplinar
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Políticas para as Artes em Portugal: uma análise baseada na ação e perspectivas dos agentes artísticos, após o choque da pandemia do COVID-19
- Main advisor integrated in the R&D unit:Pedro Miguel Alves Felício Seco da Costa
- Start Date:2022/01/01
- End Date:2025/12/31
- External collaborations:-

Ana Rosa Gomes Cravinho do Nascimento
9D1A-4CFA-2CF9

100 [0000-0002-6787-5130](https://orcid.org/0000-0002-6787-5130)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de investigação (BI)
- Retiree?No

PhD info

- Doctoral program:Doutoramento em Estudos Urbanos
- Degree granting institutions:
Faculdade de Ciências Sociais e Humanas
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Espaço Público: As Dinâmicas do Conflito
- Main advisor integrated in the R&D unit:Maria Teresa Marques Madeira da Silva
- Start Date:2019/09/01
- End Date:2024/12/31
- External collaborations:-

André Marques Pinto
D61E-163C-388B

100 [0009-0009-9845-9103](https://orcid.org/0009-0009-9845-9103)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de investigação (BI)
- Retiree?No

PhD info

- Doctoral program:Doutoramento Interdisciplinar em Economia Política
- Degree granting institutions:

Name**Dedication % ORCID iD**

Instituto Superior de Economia e Gestão

- Title of the thesis:-
- Main advisor integrated in the R&D unit: Helena Maria Sousa Lopes
- Start Date: 2023/09/01
- End Date: 2027/09/01
- External collaborations:-

Androniki Pappa

4B14-6F8A-A6B9

100 [0000-0001-9494-8326](https://orcid.org/0000-0001-9494-8326)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution? Yes
- Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality: Contrato de trabalho a termo incerto
- Professional category: Investigador júnior
- Retiree? No

PhD info

- Doctoral program: PhD in Architecture of Contemporary Metropolitan Territories
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis: Urban Commons for Sustainable Local Development in Priority Neighbourhoods
- Main advisor integrated in the R&D unit: Alexandra Cláudia Rebelo Paio
- Start Date: 2021/06/01
- End Date: 2024/05/31
- External collaborations: Early Stage Researcher at Re-Dwell: Delivering Affordable and Sustainable Housing in Europe, Marie Skłodowska-Curie Innovative Action - Innovative Training Network.

António Velez

AC16-3AF0-66AE

20 [0000-0003-1621-7477](https://orcid.org/0000-0003-1621-7477)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution? No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree? No

PhD info

- Doctoral program: Sociologia
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis: Precariedade, ação coletiva e instituições
- Main advisor integrated in the R&D unit: Pierre Guibentif
- Start Date: 2021/09/01
- End Date: 2025/01/01
- External collaborations:-

Carla Duarte

1916-84C3-DACA

5 [0000-0002-0925-9997](https://orcid.org/0000-0002-0925-9997)

Participation in the R&D Unit

Name**Dedication % ORCID iD**

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

PhD info

- Doctoral program:Arquitetura dos Territórios Metropolitanos Contemporâneos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Caminhar na Cidade - As Antigas Estradas de Lisboa
- Main advisor integrated in the R&D unit:Paula Cristina André dos Ramos Pinto
- Start Date:2016/10/01
- End Date:2024/10/31
- External collaborations:Funcionária da Câmara Municipal de Lisboa, estando a trabalhar no Centro de Informação Urbana de Lisboa.
Pertence à equipa do projeto "Transformative Religious Heritage: Bridging Northern and Southern European Approaches (Projecto transHERITAGE)".

CARLOS TIAGO LEVEZINHO LUÍS
8917-97C9-DE4D

50 [0000-0002-3198-2604](https://orcid.org/0000-0002-3198-2604)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

PhD info

- Doctoral program:Sociologia
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Profissionalização artística e formação superior: a inserção profissional jazzística em Portugal
- Main advisor integrated in the R&D unit:PAULO JORGE MARQUES ALVES
- Start Date:2023/01/01
- End Date:2025/12/31
- External collaborations:-

Carolina Martin Peñuela Carolina
A710-D211-721B

100 -

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de trabalho a termo incerto
- Professional category:Assistente de investigação
- Retiree?No

PhD info

Name**Dedication % ORCID iD**

- Doctoral program:DOUTORAMENTO em ARQUITECTURA DOS TERRITÓRIOS METROPOLITANOS CONTEMPORÂNEOS
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Mass customisation of multi-family housing: The use of industrialised construction methods and design strategies to achieve flexible, sustainable and efficient multifamily housing
- Main advisor integrated in the R&D unit:Alexandra Cláudia Rebelo Paio
- Start Date:2022/01/03
- End Date:2025/07/31
- External collaborations:-

Carolina Neto Henriques
211F-10FF-C6E2

100 [0000-0002-0272-274X](https://orcid.org/0000-0002-0272-274X)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de doutoramento (BD)
- Retiree?No

PhD info

- Doctoral program:Estudos Urbanos
- Degree granting institutions:
Faculdade de Ciências Sociais e Humanas
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Transdisciplinaridade e Estudos Urbanos: lógicas de produção de conhecimento e paradigmas emergentes
- Main advisor integrated in the R&D unit:Maria Teresa Esteves Costa Pinto
- Start Date:2024/01/01
- End Date:2024/07/31
- External collaborations:-

Cristina Vieira de Carvalho Pinheiro
871B-1A41-0576

10 -

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de trabalho a termo incerto
- Professional category:Investigador - Outra
- Retiree?No

PhD info

- Doctoral program:Doutoramento Interdisciplinar em Economia Política
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Escaping the 'stuck-in-the-middle' trap: Interests, ideas and politics behind structural change
- Main advisor integrated in the R&D unit:RICARDO NUNO FERREIRA PAES MAMEDE
- Start Date:2021/05/01
- End Date:2025/12/31

Name**Dedication % ORCID iD**

- External collaborations:-

Daniela Silva
2B12-937C-2750

100 [0000-0003-3825-7007](https://orcid.org/0000-0003-3825-7007)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

PhD info

- Doctoral program:-
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:O impacto da fabricação digital como metodologia no contexto da prática de projecto
- Main advisor integrated in the R&D unit:Alexandra Cláudia Rebelo Paio
- Start Date:2016/10/03
- End Date:2024/12/20
- External collaborations:-

Eduardo Corales
8A16-B4D7-2950

100 [0000-0002-2155-805X](https://orcid.org/0000-0002-2155-805X)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de doutoramento (BD)
- Retiree?No

PhD info

- Doctoral program:Arquitetura dos Territórios Metropolitanos Contemporâneos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:POWERPOINT: Arquitectura hidroelétrica em Portugal e o território como projeto
- Main advisor integrated in the R&D unit:josé luís possolo de saldanha
- Start Date:2020/09/08
- End Date:2025/05/30
- External collaborations:-CEACT-UAL
-Pontificia Universidad Católica de Chile (MARQ e PhD)
-Fundação EDP (MAAT Museum)

Elodie Gomes Marques
DA18-E43E-D4DD

100 -

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição

Name**Dedication % ORCID iD**

- Professional category:Bolsa de investigação (BI)
- Retiree?No

PhD info

- Doctoral program:Doutoramento em Arquitetura dos Territórios Metropolitanos Contemporâneos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:O legado teórico de Gonçalo Ribeiro Telles (1950-1992) com foco na paisagem urbana: ressonâncias em Lisboa
- Main advisor integrated in the R&D unit:Paula Cristina André dos Ramos Pinto
- Start Date:2024/01/01
- End Date:2028/01/01
- External collaborations:-

Fábio Urbino Rodrigues Correia
6B19-6267-B398

100 [0000-0002-4964-7919](https://orcid.org/0000-0002-4964-7919)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de doutoramento (BD)
- Retiree?No

PhD info

- Doctoral program:Arquitetura dos Territórios Metropolitanos Contemporâneos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:O Problema Regional da Habitação - O caso da Madeira entre 1918 e 2006
- Main advisor integrated in the R&D unit:Pedro Luz Pinto
- Start Date:2024/02/01
- End Date:2028/01/31
- External collaborations:Coorientação de Sandra Marques Pereira.

Filipe Nassauer Mónica
4915-B5A5-3388

100 [0000-0001-8291-3863](https://orcid.org/0000-0001-8291-3863)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

PhD info

- Doctoral program:Arquitetura dos Territórios Metropolitanos Contemporâneos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Seleção Natural. A cultura do Concurso de Arquitectura em Portugal
- Main advisor integrated in the R&D unit:Paulo Alexandre Tormenta Pinto
- Start Date:2017/09/01

Name**Dedication % ORCID iD**

- End Date:2024/09/01
- External collaborations:-

Geraldo Manuel Cabral Nascimento de Pina
4F1E-26B1-54EF

100 [0000-0002-8126-8636](https://orcid.org/0000-0002-8126-8636)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

PhD info

- Doctoral program:Arquitetura dos Territórios Metropolitanos Contemporâneos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:100 Anos de Bissau - Tensões, Frustrações e Expetativas
- Main advisor integrated in the R&D unit:Ana Cristina Fernandes Vaz Milheiro
- Start Date:2017/10/01
- End Date:2025/06/17
- External collaborations:-

Gonçalo Simões Marçal
CB12-C6BD-266F

60 [0000-0002-4291-0921](https://orcid.org/0000-0002-4291-0921)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

PhD info

- Doctoral program:Economia Política - Doutoramento Interdisciplinar
- Degree granting institutions:
Faculdade de Economia da Universidade de Coimbra
Instituto Superior de Economia e Gestão
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Pensar o desenvolvimento económico no Portugal democrático (1974-1998)
- Main advisor integrated in the R&D unit:Ana Cristina Narciso Fernandes Costa
- Start Date:2019/09/22
- End Date:2026/07/31
- External collaborations:-

Henrique Soeiro de Sousa Andrade
D412-9FD3-915F

100 -

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-

Name**Dedication % ORCID iD**

- Professional category:-
- Retiree?No

PhD info

- Doctoral program:Arquitetura dos Territórios Metropolitanos Contemporâneos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:ABORDAGENS CRIATIVAS COLABORATIVAS COMO FERRAMENTA OPERATIVA DE PROJETO E METODOLOGIA DE INVESTIGAÇÃO ARQUITETÓNICA
- Main advisor integrated in the R&D unit:Pedro Miguel Alves Felício Seco da Costa
- Start Date:2023/10/01
- End Date:2027/09/01
- External collaborations:-

Hugo Alexandre Reis
321E-47D7-869C

100 <https://orcid.org/0000-0003-1733-5598>

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de doutoramento (BD)
- Retiree?No

PhD info

- Doctoral program:Arquitectura dos Territórios Metropolitanos Contemporâneos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Arte e Urbanismo. Eventos como ferramenta conceptual e prática de intervenção em territórios de baixa densidade em Portugal.
- Main advisor integrated in the R&D unit:Pedro Miguel Alves Felício Seco da Costa
- Start Date:2020/10/01
- End Date:2024/11/30
- External collaborations:-

Inês Costa Santos de Sousa Nascimento
AA1D-A116-A39F

100 [0000-0001-8052-3132](https://orcid.org/0000-0001-8052-3132)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

PhD info

- Doctoral program:Doutoramento em Arquitetura dos Territórios Metropolitanos Contemporâneos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Ensinar Arquitetura Hoje : Imaginação Utópica e Pedagogias Radicais na (Trans)Formação do Arquiteto em Portugal

Name**Dedication % ORCID iD**

- Main advisor integrated in the R&D unit: Alexandra Cláudia Rebelo Paio
- Start Date: 2020/09/01
- End Date: 2025/09/01
- External collaborations: Co-orientação : Fátima Vieira (FLUP)

Irina Joana da Costa Gomes
BD1D-12BD-5AE1

90 [0000-0003-1339-980X](https://orcid.org/0000-0003-1339-980X)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution? No
- Institution: -
- Linking modality: -
- Professional category: -
- Retiree? No

PhD info

- Doctoral program: Estudos Urbanos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis: Planeamento Territorial versus Realidade Construída em Portugal: uma leitura para a acção futura
- Main advisor integrated in the R&D unit: Teresa Marat-Mendes
- Start Date: 2018/09/01
- End Date: 2025/11/01
- External collaborations: -

ISABELLA NORONHA RUSCONI
B112-C684-CE7B

100 [0009-0008-5414-7813](https://orcid.org/0009-0008-5414-7813)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution? Yes
- Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality: Contrato de bolsa de investigação na instituição
- Professional category: Bolsa de doutoramento (BD)
- Retiree? No

PhD info

- Doctoral program: Arquitetura dos Territórios Metropolitanos Contemporâneos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis: Participação e institucionalização: metodologias e inovações democráticas na produção de cidades.
- Main advisor integrated in the R&D unit: Alexandra Cláudia Rebelo Paio
- Start Date: 2022/03/01
- End Date: 2026/02/28
- External collaborations: -

Joana Filipa Garcia Nunes
0317-DB9E-7EEE

10 [0000-0001-7402-0467](https://orcid.org/0000-0001-7402-0467)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution? Yes

Name**Dedication % ORCID iD**

- Institution:Universidade de Évora (UE)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de investigação (BI)
- Retiree?No

PhD info

- Doctoral program:Doutoramento em Arquitectura dos Territórios Metropolitanos Contemporâneos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Representações fotográficas de Lisboa: captar, editar e exibir a cidade (1896-2012)
- Main advisor integrated in the R&D unit:Paula Cristina André dos Ramos Pinto
- Start Date:2022/10/01
- End Date:2026/10/31
- External collaborations:-

João da Cunha Borges
C011-8283-A0FA

100 [0000-0002-8502-8250](https://orcid.org/0000-0002-8502-8250)

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de investigação (BI)
- Retiree?No

PhD info

- Doctoral program:Doutoramento em Estudos Urbanos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Social urban forms at the millennial city scene
- Main advisor integrated in the R&D unit:Teresa Marat-Mendes
- Start Date:2020/08/01
- End Date:2024/10/31
- External collaborations:Ivor Samuels, University of Birmingham (professor aposentado)

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

PhD info

- Doctoral program:Economia Política
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa

Name**Dedication % ORCID iD**

- Title of the thesis: The Political Economy of Economic Democracy: The Case of An Integral Cooperative
- Main advisor integrated in the R&D unit: Ana Cristina Narciso Fernandes Costa
- Start Date: 2019/09/23
- End Date: 2024/09/30
- External collaborations: -

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- Has contract or link with a Portuguese institution? Yes
- Institution: ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality: Contrato de bolsa de investigação na instituição
- Professional category: Bolsa de doutoramento (BD)
- Retiree? No

PhD info

- Doctoral program: Doutoramento em arquitetura dos territórios metropolitanos contemporâneos
- Degree granting institutions: ISCTE - Instituto Universitário de Lisboa
- Title of the thesis: EUBioLisboa - Estruturas urbanas biofílicas: Uma aplicação em Lisboa
- Main advisor integrated in the R&D unit: Teresa Marat-Mendes
- Start Date: 2021/11/01
- End Date: 2025/10/31
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- Linking modality: Contrato de bolsa de investigação na instituição
- Professional category: Bolsa de doutoramento (BD)
- Retiree? No

PhD info

- Doctoral program: Arquitetura dos Territórios Metropolitanos Contemporâneos
- Degree granting institutions: ISCTE - Instituto Universitário de Lisboa
- Title of the thesis: THE CARTOGRAPHY OF THE IN-BETWEEN: Rethinking Urban Voids Approach for New Urban Challenges
- Main advisor integrated in the R&D unit: Alexandra Cláudia Rebelo Paio
- Start Date: 2022/10/01
- End Date: 2026/10/01
- External collaborations: Camilla Perrone, University of Florence
Krystallia Kamvasinou, University of Westminster

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Participation in the R&D Unit

Name**Dedication % ORCID iD**

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

PhD info

- Doctoral program:Doutoramento em Arquitetura dos Territórios Contemporâneos Metropolitanos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:A Brincar: Construção do Cidadão no Espaço Público
- Main advisor integrated in the R&D unit:Joana Pestana Gonçalves Lages
- Start Date:2022/10/01
- End Date:2026/07/07
- External collaborations:Co-Orientador: Frederico Duarte Lopes - (Faculdade de Motricidade Humana- ULisboa)

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de doutoramento (BD)
- Retiree?No

PhD info

- Doctoral program:Arquitetura dos Territórios Metropolitanos Contemporâneos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:in situ and moving: collective space embodiment for spatial imagination, action and care
- Main advisor integrated in the R&D unit:Maria Assunção Gato
- Start Date:2024/01/01
- End Date:2028/01/01
- External collaborations:-

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

PhD info

- Doctoral program:Arquitetura do Territórios Metropolitanos Contemporâneos
- Degree granting institutions:

Name**Dedication % ORCID iD**

ISCTE - Instituto Universitário de Lisboa

- Title of the thesis:Pattern-driven design: um sistema de padrões para pequenos espaços públicos
- Main advisor integrated in the R&D unit:Alexandra Cláudia Rebelo Paio
- Start Date:2019/10/21
- End Date:2024/12/20
- External collaborations:-

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

PhD info

- Doctoral program:Arquitectura dos Territórios Metropolitanos Contemporâneos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Diálogos sociais com o território: o contributo das Associações Mutualistas em Portugal
- Main advisor integrated in the R&D unit:Maria Margarida Moreira de Carvalho Perestrelo
- Start Date:2020/09/01
- End Date:2025/08/31
- External collaborations:-

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de doutoramento (BD)
- Retiree?No

PhD info

- Doctoral program:Arquitetura dos Territórios Metropolitanos Contemporâneos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Reinvenções da Arquitectura Popular. Aldeias Melhoradas em Portugal (1958-1974)
- Main advisor integrated in the R&D unit:Ricardo Costa Agarez
- Start Date:2021/09/01
- End Date:2024/12/01
- External collaborations:-

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Name**Dedication % ORCID iD**

Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de doutoramento (BD)
- Retiree?No

PhD info

- Doctoral program:Doutoramento em Estudos Urbanos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Virtus in medium est - History and Planning towards an urban-rural future
- Main advisor integrated in the R&D unit:Teresa Marat-Mendes
- Start Date:2021/08/01
- End Date:2025/08/01
- External collaborations:-

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de investigação (BI)
- Retiree?No

PhD info

- Doctoral program:Estudos Urbanos
- Degree granting institutions:
Faculdade de Ciências Sociais e Humanas
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Habitação em Democracia: Perspectiva tipo-morfológica e sócio-espacial das políticas de habitação no território metropolitano de Lisboa
- Main advisor integrated in the R&D unit:Teresa Marat-Mendes
- Start Date:2022/04/01
- End Date:2026/03/31
- External collaborations:-

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution?Yes
- Institution:ISCTE - Instituto Universitário de Lisboa (ISCTE-IUL)
- Linking modality:Contrato de bolsa de investigação na instituição
- Professional category:Bolsa de investigação (BI)
- Retiree?No

PhD info

Name**Dedication % ORCID iD**

- Doctoral program:Doutoramento em Arquitetura dos Territórios Metropolitanos Contemporâneos
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Regeneração Urbana e Alteração da Imagem da Cidade na perspectiva do Desenho Urbano: um paralelo entre áreas centrais de Lisboa e do Porto
- Main advisor integrated in the R&D unit:Sandra de Sá Guerra Marques Pereira
- Start Date:2022/10/12
- End Date:2026/10/01
- External collaborations:-

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

PhD info

- Doctoral program:Políticas Públicas
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:Governança da Cultura: uma análise das relações institucionais entre a tutela governamental e as organizações culturais sob a sua dependência
- Main advisor integrated in the R&D unit:Pedro Miguel Alves Felício Seco da Costa
- Start Date:2020/09/01
- End Date:2025/10/31
- External collaborations:

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Participation in the R&D Unit

- Has contract or link with a Portuguese institution?No
- Institution:-
- Linking modality:-
- Professional category:-
- Retiree?No

PhD info

- Doctoral program:-
- Degree granting institutions:
ISCTE - Instituto Universitário de Lisboa
- Title of the thesis:As representações sociais na conceção de projetos de habitação colaborativa qui incluem idosos em Portugal e em França
- Main advisor integrated in the R&D unit:Alexandra Cláudia Rebelo Paio
- Start Date:2021/12/01
- End Date:2024/12/01
- External collaborations:-

Part 4: Activity Plan for 2025-2029

10. Summary of the Activity Plan for 2025-2029

10.1 Summary in Portuguese for publication

As atividades inscritas no plano estratégico (PE) do DINÂMIA'CET-Iscte (DC) visam o avanço do conhecimento e a compreensão das transformações da sociedade contemporânea, num contexto de alterações climáticas e de transição digital. Metodologias inter e transdisciplinares fundamentam abordagens descritivas, normativas e prospectivas, considerando as consequências dessas transições.

Para 2025-2029, o DC beneficia do conhecimento e competências acumuladas para produzir investigação fundamental e aplicada, com o objetivo de criar oportunidades na economia, reduzir a desigualdade social, promover a sustentabilidade e a coesão territorial. Em linha com os objetivos estratégicos definidos por cada um dos grupos de investigação (GI), o DC irá contribuir para o conhecimento sobre a mudança socioeconómica e territorial através de investigação em seis temas atuais:

- i. Impactos socioeconómicos e ecológicos das alterações climáticas e da transição digital.
- ii. Regulação e governação em contexto de múltiplas crises.
- iii. Qualidade do emprego, solidariedade no mercado de trabalho e políticas de emprego num contexto de crescentes desigualdades.
- iv. Perspectivas históricas e pós-coloniais para a descodificação da produção social do espaço.
- v. Dinâmicas habitacionais e seus efeitos socioeconómicos e urbanos.
- vi. Ecossistemas culturais e criativos como manifestações de estruturas híbridas e marginais.

A implementação do PE contempla a internacionalização da investigação e da disseminação de resultados, através de várias estratégias e apoios diferenciados aos investigadores com vista ao seu envolvimento em projetos e iniciativas internacionais. A contratação de investigadores em início de carreira e o financiamento de temáticas emergentes visam reter talento, desenvolver inovação e reforçar ligações entre ensino e investigação.

Um novo programa de doutoramento em 'Estudos Transdisciplinares sobre a Mudança' será adicionado aos cinco programas de doutoramento oferecidos pelo DC. O PE também proporcionará ambientes de investigação adequados aos alunos de 14 programas de mestrado do Iscte relacionados com as temáticas do DC.

O PE inclui ainda a criação de dois novos observatórios - 'Transições Cidade-Região' e 'Habitação na Área Metropolitana de Lisboa' - que se juntarão ao Observatório do Emprego Jovem, já em desenvolvimento, reforçando a produção de conhecimento inovador e relevante para públicos diversos. A divulgação para um público académico e não académico está no centro do PE e visa alcançar pessoas de diferentes contextos, criar impacto na academia e na sociedade, e promover a colaboração no âmbito das áreas de investigação do DC.

O DC está empenhado em reduzir a precariedade e dignificar o trabalho dos investigadores usando o co-financiamento do FCT-Tenure. O DC pretende contratar gestores de ciência para suportar a estratégia de investigação, incluindo os seus observatórios.

10.2 Summary in English for publicity purposes

DINÂMIA'CET-Iscte's (DC) strategic plan (SP) aims to advance the knowledge and understanding of the transformations of contemporary society in a context of climate change and digital transition. Inter- and transdisciplinary methodologies will be founded on descriptive, normative and prospective approaches, considering the consequences of those transitions.

For 2025-2029, the DC is strategically placed to benefit from its accumulated knowledge and skills to produce fundamental and applied research, with the aim of creating economic opportunities, reducing social inequality, promoting territorial cohesion and improving sustainable livelihoods.

In line with the strategic goals set out by each of the research groups (RGs), the DC seeks to substantially improve knowledge on socioeconomic and territorial change, paying particular attention to the following contemporary themes:

- i. Socioeconomic and ecological impacts of climate change and digital transitions.
- ii. Regulation and governance in a situation of polycrises.
- iii. Job quality, labour market solidarity and employment policies in times of spreading inequalities.
- iv. Historical and post-colonial perspectives for decoding the social production of space.
- v. Housing dynamics and their socioeconomic and urban effects.
- vi. Cultural and creative ecosystems as manifestations of hybrid and marginal structures.

The implementation of the SP involves the internationalisation of research and outcomes dissemination, through differentiated strategies and support to researchers as they engage in international research projects and initiatives. The hiring of early-career researchers and funding for hot themes aim to retain talent, foster innovation and improve links between education and research. A new doctoral programme in 'Transdisciplinary Studies on Change', will be added to the five PhD programmes already offered by the Unit. The SP also intends to create appropriate research environments for master's students from 14 Iscte programmes related with the DC scientific culture. The SP includes the creation of two new observatories - 'City-Region Transitions' and 'Housing in the Lisbon Metropolitan Area' - to be added to the existing Youth Employment Observatory, reinforcing the production of innovative knowledge with direct societal relevance. Dissemination among academic circles and with a wider audience is at the heart of the SP, which is committed to reaching out to people from different contexts, to creating impacts in academia and society as a whole, and fostering collaborations in the DC's fields of expertise.

The DC is actively engaged in reducing precariousness and dignifying the work of researchers, by using FCT-Tenure co-funding. DC plans to hire specialised science managers to provide support for the activities related to the research strategy, including its observatories.

10.3 Summary in English for assessment

DINÂMIA'CET-Iscte (DC) conducts fundamental and applied research to address major societal challenges emerging from socioeconomic and territorial change.

The DC strategic plan (SP) for 2025-2029 intends to continue exploring specific themes related to that change and aims to advance knowledge and understanding of contemporary society in a context of climate change and digital transition. The SP benefits either from accumulated knowledge and skills in inter- and transdisciplinary approaches, and from a team that integrates economists, sociologists, anthropologists, political scientists, geographers and architects who work together in a subject-based approach, rather than following traditional disciplinary borders.

The combination of these multiple disciplines is essential for the study of contemporary challenges, particularly as regards the following themes:

- i. Socioeconomic and ecological impacts of climate change and the digital transition.
- ii. Regulation and governance in a situation of polycrises.
- iii. Job quality, labour market solidarity and employment policies in times of spreading inequalities.
- iv. Historical and post-colonial perspectives as cultural foundations for decoding the social production of space.
- v. Housing dynamics and their socioeconomic and urban effects.
- vi. Cultural and creative ecosystems as manifestations of hybrid and marginal structures, involving different forms of participation and the appropriation of public spheres.

The DC is organised into three Research Groups (RG): Innovation and Work (IL), Cities and Territories (CT) and Governance, Economy and Citizenship (GEC), each one grouped along specific thematic lines.

Additionally, three Integrating Thematic Lines (ITL) represent a conceptual and thematic foundation to enhance the dialogue and create synergies across the RG: i) Innovation and Transition to Sustainable Societies; ii) Regulatory and Governance Challenges for Complex Societies; and iii) Creative and Participative Lives in Empowered Societies.

The SP prioritises the internationalisation of DC research, the dissemination, the emergence of new ideas, the creation of internal structures to produce expertise on specific subjects, and the enabling of better working conditions for members.

The internationalisation process involves providing technical assistance and financial support to foster partnerships and networking opportunities and encourage researchers to engage in international research projects and initiatives. DC plans to hire one PhD Science manager to support

the activities related to EU projects that involve complex and demanding tasks and to assist in the accounting, logistical and communication activities.

Dissemination among academic circles and with a wider audience is at the heart of the SP, which attempts to reach out to people from different contexts, create impacts in academia and society, and foster collaborations in the DC's fields of expertise. This involves promoting open scientific practices and raising awareness of the social responsibility of science, investing in conventional means of academic dissemination, as well as exploring innovative ways of knowledge production and transfer. The SP aims to allocate funding for early-career researcher contracts, and seed grants to retain talent and foster innovation and improve links between education and research. The DC offers five PhD programmes, which develop subjects related to issues addressed by the Unit. As Research Assistants, PhD students are encouraged to take part in scientific meetings and discussion forums organised by DC members on the themes of the theses, be involved in the production of grant applications and the development of research proposals and methods. The research undertaken and the accumulated expertise of the DC has granted it the opportunity to create a new doctoral programme: 'Transdisciplinary Studies on Change'.

This cycle of studies aims to deepen knowledge and skills in order to study contemporary challenges, and to assist policy makers in designing policies that mitigate the impacts of social and territorial transformations.

The SP envisages the creation of observatories, ('City-Region Transitions' and 'Housing in the Lisbon Metropolitan Area') and continues to support the 'Youth Employment Observatory' created in 2021. These three observatories will reinforce the dialogue with decision-makers from public administration, empower and facilitate engagement by and with relevant stakeholders, and generate collaborative knowledge that could have direct societal relevance. The observatories require specialised science managers with skills in data collection, data visualisation, the management and updating of the website, dissemination of results and administrative support. Early-career contracts will be offered to provide support for specific research projects in close collaboration with these observatories.

DC is actively engaged in reducing precariousness in order to dignify the work of researchers. Five new positions for Assistant Researchers will be hired within the FCT-Tenure co-funding framework. A Coordinator Researcher position has been created to consolidate the recognition of the research carried out in the Unit by the international scientific community (e.g. ERC Grants).

As an integrated unit of Iscte, the DC continues to cooperate with its research network - Knowledge and Innovation (CVTT), contributing to Iscte's Associated Laboratory (Sociodigital Lab for Public Policy). This integration commits the DC to developing procedures geared towards inclusiveness, gender equality, and data privacy, in line with the principles of Iscte's Plan for Equality, Diversity and Inclusion.

11. Description of the Activity Plan for 2025-2029

11.1 Objectives and strategy of the R&D Unit for 2025-2029

DINÂMIA'CET-Iscte's (DC) strategic plan (SP) aims to advance the knowledge and understanding of the transformations of contemporary society in a context of climate change and digital transition. Inter- and transdisciplinary methodologies will be founded on descriptive, normative and prospective approaches, considering the consequences of those transitions.

For 2025-2029, DC will benefit from accumulated knowledge and skills to produce fundamental and applied research to create economic opportunities, reduce social inequality, promote territorial cohesion and improve sustainable livelihoods. DC actively promotes the co-construction of knowledge transfer, supports dialogues with political decision-makers, public administration, the private sector and civil society and recommends policies to improve well-being and ensure a just transition.

In line with the strategic goals set out by each of the research groups and integrated thematic lines, DC seeks to substantially improve knowledge on socioeconomic and territorial change with particular attention paid to the following contemporary themes:

i. Socioeconomic and ecological impacts of climate change and the digital transition. These systemic

and multidimensional transformations underpin contrasting effects upon the achievement of the objectives outlined by the Agenda 2030.

ii.Regulation and governance in a situation of polycrises. The production of important and long-lasting socioeconomic impacts combined with the expansion of financial markets, digitalisation, and war scenarios continue to challenge European welfare state regimes.

iii.Job quality, labour market solidarity and employment policies in times of spreading inequalities. Globalisation, digitalisation and flexibilisation policies implemented recently require study of the labour market risks facing young people, migrants, and women.

iv.Historical and post-colonial perspectives as cultural foundations for decoding the social production of space. Material and immaterial heritage underlies the debate on the ideological construction of the past.

v.Housing dynamics and their socioeconomic and urban effects. The political response to the recent crisis in this area requires a comprehensive debate on new territorialities, habitat quality and forms of organising and producing public and domestic spaces.

vi.Cultural and creative ecosystems as manifestations of hybrid and marginal structures involving different forms of participation and the appropriation of public spheres. Co-construction of knowledge with cultural agents to explore challenges brought about by socio-cultural and demographic transformations in European territories.

SP involves a differentiated strategy to help researchers in the different areas of their activity and stages of investigations (ongoing, ex ante and ex post their works).

DC will i) provide specialised consulting for the preparation of applications for international competitions; ii) encourage researchers to participate in international meetings, networks and scientific associations, including those in Portuguese-speaking countries; iii) promote interconnectivity between internal research teams to reinforce international competitiveness; iv) provide seed grants for potential research projects, along with incentives for applied proposals with the potential to generate social impact; v) involve specific stakeholders from the very first stage of the proposal.

To consolidate internationalisation, DC continues to support partnerships across EU and non-EU borders, promote networking opportunities, and encourage researchers to engage in international research projects and initiatives, improving the outcomes achieved between 2018 and 2023 (2 ERC grants, 1 Cost grant, participation in Horizon and Creative Europe projects, funding granted from outside the EU). Strengthening the links between research and teaching is an additional strategy aimed to open new lines of research and reinvigorate teams, while at the same time renewing the training content with cutting-edge research results.

As for ongoing research, DC also intends to continue investing in renewing the teams by attracting talent with potential to submit applications to the CEEC programme. Ex ante strategies pave the way for research proposals and provide support for grant applications, especially for the youngest and those at earlier stages of their careers, expanding the DC areas of interest and enabling the emergence of new ideas that can come from researchers and students at different stages of their careers. DC offers five PhD programmes, which develop topics related to issues addressed by the Unit. Students benefit from DC researchers' knowledge and expertise in the social sciences, arts and humanities to develop their research and find their place on the national and international stage. As Research Assistants, PhD students are encouraged to participate in scientific meetings and discussion forums organised by DC members on the themes of the theses, fostering the production of grant applications and the development of research proposals and methods. The next step is to create a new doctoral programme in 'Transdisciplinary Studies on Change' to address the need for producing highly qualified candidates capable of studying contemporary challenges, and design and implement policies that mitigate the impacts of social and territorial transformations. The scientific culture and accumulated expertise of the DC provide a solid foundation for the programme's success.

SP intends to create appropriate research environments for master's students from 14 programmes, enabling them to produce new ideas, proceed to doctoral studies, and publish their findings. This involves students' integration into ongoing research projects, granting incentives and facilitating participation in summer schools, seminars and research training workshops.

The strategy for supporting the outcomes of investigative research takes several approaches from promoting to participatory action. Ex post strategies to implement the SP include three observatories. Previous experience (at the YEO) has benefitted the DC's standing at a scientific, public, and political level concerning specific subjects. Two new structures will be created, the 'Observatory of

City-Region Transitions' and the 'Observatory of Housing in the Lisbon Metropolitan Area' to consolidate the dialogue with public administration decision-makers, to empower and facilitate engagement involving relevant stakeholders, and to generate collaborative knowledge that could have direct societal relevance. The observatories are expected to create partnerships with non-academic entities, including public authorities, strengthen collaboration between the scientific community and government bodies, and contribute to the design and monitoring of public policies. Reaching out to academia and a wider audience is at the heart of the SP's mission as it approaches people from different contexts, creates impact in academia and society-at-large, and fosters collaborative ventures in the DC's fields of expertise. This involves advocating for open scientific practices and raising awareness of the social responsibilities of science, improving conventional means of academic awareness-building, and exploring innovative ways of producing and transferring knowledge. To achieve these objectives, DC will: i) support the organisation of scientific meetings and events; ii) implement strategies to increase the impact and quality of its publications, namely through the adoption of benchmarking and good scientific publishing practices, the use of library support services and technical and financial assistance for reviews; iii) provide financial support for conference registration fees, travel expenses, and other relevant activities aligned with the Unit's mission; iv) keep up the curating and publication of books and Open Science journals, specifically 'Cidades, Comunidades e Territórios' (Scopus) as a reference publication for peer-reviewed content, and 'Passagens' journal as a basis for fostering intersections between the Unit's thematic interests; v) consolidate its communication channels, namely through the website, social networks, its newsletter and podcast, with interviews with the Unit's researchers; vi) make Open Access available for scientific production, by managing data in the Iscte repository.

DC is actively invested in reducing researcher precariousness and dignifying their work. Five new positions for FCT-Tenure Assistant Researchers have been allocated in architecture, sociology and geography. A Coordinator Researcher position has been created in Architecture to consolidate the relevance of the research carried out in this area, with recognition by the international scientific community (e.g. ERC Grants). Early career contracts will be offered to support specific research projects within observatories.

DC intends to hire a PhD Science Manager to support the activities related to EU projects that involve complex and demanding tasks and support the accounting, logistics and communication teams. DC intends to grow the dedicated team in charge of the expansion of the Unit, the increasing complexity of project management, and the administrative tasks associated with the PhD programmes. The new observatories will also need specialised science managers with skills in data collection, data visualisation, management and maintenance of the website, publishing results, and administrative support.

As an integrated unit of Iscte, DC continues to cooperate with its research network - Knowledge and Innovation (CVTT), contributing to the Iscte's Associated laboratory (Sociodigital Lab for Public Policy). This integration commits DC to develop procedures for inclusiveness, gender equality, and data privacy, following the Plan for Equality, Diversity and Inclusion principles of Iscte.

11.2 Organization of the R&D Unit for 2025-2029

A. Research Groups (RG)

DC is structured into three research groups, which are the core framework for its scientific activity. RGs are well established within the DC's mission and practice, evolving in light of emerging agendas and their composition and internal organisation. RGs have an elected coordinator and are structured along the following thematic lines:

1. Innovation and Labour (IL)

1.1. Innovation

1.2. Labour

2. Cities and Territories (CT)

2.1. Cultural Dynamics and Creativity in Contemporary Territories

2.2. Representation, Discourse and Imaginaries of Urban Space

2.3. Historical and Postcolonial Perspectives on Architectural Culture

2.4. Housing, Ways of Living and Habitat

2.5. Governance Systems and Social Movements

2.6. Spatial Planning for Sustainability

3. Governance, Economy and Citizenry (GEC)

3.1. Human Rights, Markets and Governance Challenges

3.2. Reflexivity, Communication and Social Responsibility of Science

B. Integrating Thematic Lines (ITL)

Cohesiveness across RGs is achieved through the following ITLs, structured to foster synergies among groups and to take advantage of the DC's interdisciplinarity:

- (i) Innovation and Transition to Sustainable Societies covers topics related to ecological issues, inequality in the labour market, sectorial sustainability, and territorial cohesion;
- (ii) Regulatory and Governance Challenges for Complex Societies explores the design and implementation of public policies on varying regional levels, sectors, and scopes;
- (iii) Creative and Participative Lives in Empowered Societies investigates political, ethical, and existential themes, intersecting their sociocultural dynamics with technological innovation and everyday practices.

ITL are conceived as flexible tools to address societal challenges, and platforms for common theoretical frameworks and methodological approaches developed at the DC. ITL have no "members" per se, but a team of designated coordinating facilitators, who drive the discussion around each line.

C. Working Towards a Shared Vision:

Spread across the entirety of the DC, several frameworks and intercalated actions ensure the effective involvement of all members and support research development:

- (a) A permanent staff of 7 people (8th position open for hiring) performing administrative and financial, project management, scientific monitoring, advanced training, communication and editorial tasks, covered by the DC budget.
- (b) The annual workshop, a moment for all members to share their research findings, seek out possible connections, and address strategic issues, thus ensuring a space for scientific debate and strengthening the unit's cohesion. DC also organises periodic themed seminars to discuss pressing societal issues and reflect on the role and challenges of scientific research itself.
- (c) The regular monitoring of scientific outputs and implementation of the strategic plan by way of an annual report, reflecting on findings, achievements and recent track record; and a work plan (and budget), including ongoing activities and future actions, with contributions from all team members, presented and discussed in several forums.
- (d) The communication of DC research via several channels (website, social media, bi-monthly newsletter, podcast) to a wider academic and non-academic audience, as a way of sharing our perspective on the social impact of science, but also internally, making the work being done at the unit available to all members. DC plans to fine-tune and publicise internal workflows and diversify its formats.
- (e) The coordination, management, and launch of several publications (journals *Cidades*, *Comunidades e Territórios* and *Passagens*, the Working Paper Series, and the occasional publication of books) that are aligned with the DC's mission as a means to consolidate the unit's presence in the scientific community. While publications are not restricted to DC members but open to all, they embody a strong commitment to the work being developed within the unit.

D. Governance

In terms of governance, the DC management structure is helmed by a Board of Directors: the Director, appointed by the Iscte Rector after election by all the Integrated PhD members of the R&D unit, and two Vice-Directors. The Board of Directors works in permanent contact with the RG Coordinators and with the support and advice on relevant decisions of the DC Scientific Board, composed of four elected Integrated PhD Researchers (plus the Director), who meet at least every two months. The Scientific Council is the R&D's collegiate body and includes all Integrated PhD members for discussing the unit's running and to approve the annual work plans and reports. The External Advisory Panel (EAP), is in charge of monitoring activities and overall performance and produces a yearly evaluation.

E. Interactions with other institutions

DC, together with the other Iscte Research Units (RU), is an associate of Iscte Knowledge and Innovation (Iscte KI), that brings together all Iscte research centres and groups, technological resources, laboratories, observatories, support services for the development of R&D activities and other partnerships. Iscte KI offers conditions for collaborative work, cooperation and knowledge transfer between different fields of knowledge, particularly the interaction between social sciences and technologies. This includes sharing services, laboratory infrastructure, equipment and other facilities, such as the data centre.

The Iscte KI governance model manages the relationship between Iscte and the DC, representing it

in financial contracting, administrative or financial management, while strictly respecting DC statutes, research regimes and autonomy. According to specific agreements, Iscte can act as a third party, providing resources to Iscte KI to carry out its R&D projects. Despite the financial autonomy of the RU, they benefit from Iscte's financing to support its R&D strategy, namely: i) 50% of the income from project overheads; ii) an annual grant to all full-time faculty staff and researchers to support career development; iii) research initiation grants, doctoral student grants, a programme to support the internationalisation of research; and iv) annual scientific awards according to each RU scientific excellence criteria.

As a strategic project of Iscte KI, the SocioDigital Lab promotes an interdisciplinary approach to address society's pressing challenges, by fostering a close rapport between the social sciences and digital technologies to study and influence public policy. SocioDigital Lab is organised along five thematic lines: i) Regenerative territories for carbon neutrality; ii) Social inclusion, equality and citizenship; iii) Societal health; iv) Global governance; v) Digital transformation and public policies. DC researchers are strategically aligned across all five lines.

12. Proposed Research Groups

| Reference | Name | Principal Investigator |
|----------------|-----------------------------------|--|
| RG-3127-400752 | Innovation and Labour | Helena Maria Sousa Lopes |
| RG-3127-400757 | Cities and Territories | Pedro Miguel Alves Felício Seco da Costa |
| RG-3127-400758 | Governance, Economy and Citizenry | Ana Cristina Narciso Fernandes Costa |

(RG-3127-400752) Innovation and Labour

12.1. IDENTIFICATION OF THE RESEARCH GROUP

12.1.1 ID number of Research Group

RG-3127-400752

12.1.2 Research Group name in Portuguese

Inovação e Trabalho

12.1.3 Research Group name in English

Innovation and Labour

12.1.4 Keyword(s)

Innovation for energy transition

Youth employment

Wage policies and inequalities

Skills for ecological transition

12.1.5 The Research Group existed in 2018-2023?

Yes

12.1.6 Identification and summary description of up to 3 contributions that the R&D Unit considers most relevant during 2018-2023 by researchers from the Research Group included in the application

The most emblematic international project of this Research Group (RG hereafter) is EDITS (Energy Demand changes Induced by Technological and Social innovations), the aim of which is to study and model how demand for energy can be reduced through changes in lifestyle, behaviour, infrastructure, and business model transformations. The goals are to reduce global energy use by 40% in 2050 and to stimulate social equity. This is a joint project between DC and the Research Institute of Innovative Technology for the Earth (RITE), in Japan, and IASA, in Austria. Along with carrying out research activities, EDITS' coordinator, Nuno Bento, organised in 2023 in Lisbon, the international two-day EDITS II (mostly in person) Conference.

The ultimate objective of the Youth Employment Observatory (YEO or OEJ) is to draw up public-policy recommendations at the national level. To do this, the research team produces influential publications, namely reports and policy briefs, and provides key data on youth employment and unemployment. The success with which the OEJ has achieved its objectives since its creation in 2020 is remarkable. Some team members now work in close partnership with the Ministry of Employment and produce research reports for the IEFP (Institute for Employment and Vocational Training). Based on statistical analyses of available data, these reports formulate policies that help improve the quality of the jobs of young people. The coordinators of the OEJ, Paulo Marques and Fátima Suleman, are regularly invited and participate on various media outlets (TV and radio) and OEJ publications are widely circulated in the newspapers and social media.

The third notable contribution of this RG is its participation in the European VET Excellence Centre for Leading Sustainable Systems and Business Transformation (CATALYST) project. The project's aim is to strengthen the sustainable competitiveness of professionals, students, and small and medium-sized enterprises (SMEs) by providing citizens with the skills that are crucial for long-term and sustainable growth, productivity, and innovation. CATALYST is an EU-funded project that offers a wide range of vocational education and training (VET) in the context of sustainability management. It is developing a European learning platform and establishing a network of businesses, education and science. Along with carrying out research activities, DC project members in 2023 organised in Lisbon two meetings that brought together all members of the network.

12.2. Researchers of the Research Group

12.2.1 List of Integrated PhD holder Researchers in the R&D Unit from the Research Group

| Name | Principal Investigator |
|------------------------------------|------------------------|
| Helena Maria Sousa Lopes | ✓ |
| Bruno Miguel Silva Oliveira | |
| Duarte Valadas Roxo Juzarte Rolo | |
| Jose Evaldo Geraldo Costa | |
| Fátima Suleman | |
| Florinda Maria Carreira Neto Matos | |
| Francesca Sgobbi | |
| Glória Rebelo | |

Name**Principal
Investigator**

Isabel Salavisa de Oliveira Lança

João Camargo Ribeiro Marques dos Santos

Joaquim Eduardo Simões e Silva

José Gonçalves das Neves

Lídia Marta Canha Fernandes

Luis Poças

Maria da Paz Campos Lima

Maria José Palma Lampreia dos Santos

Nuno Miguel da Costa Bento

PAULO JORGE MARQUES ALVES

Paulo Miguel dos Santos Marques

Pedro Miguel Rito Alves Videira

Sara Cristina Moura da Silva Ramos

Vítor Hugo Ferreira da Silva

12.2.2 List of Collaborating Researchers from the R&D Unit who constitute the Research Group**Name**

Albertina da Conceição Dias

Gonçalo Rodrigues Brás

LUÍS FERREIRA DE ALMEIDA CARNEIRO

Mário Silveiro de Barros

Muriela Padua

Oscarina Conceição

Sérgio Pinto

sonia lima

Name

Alexandre Prazeres Mergulhão

Claudia Isabel Rego Gonçalves Vajao da Cruz Dias

HERNÂNI CUSTÓDIO DO CARMO

Madalena Calvão Borges Antunes Ferreira

Reinhard Friedrich Wilhelm Naumann

Tiago Louro Alves

12.2.3 List of PhD students supervised by Integrated PhD holder Researchers in the R&D unit

Name

CARLOS TIAGO LEVEZINHO LUÍS

André Marques Pinto

António Velez

12.3. Description of the main contributions of the Research Group in 2025-2029

12.3.1 General description of the Research Group

This RG aims to study innovation and labour and their interconnections, considering that the current growth regime is undermining social cohesion and the responsible use of resources. The main objective is to further the understanding of how innovation may reconcile wealth creation and the transition to a sustainable regime. The Labour team focuses on the recent trends of the labour market, notably the rise in precariousness and wage and income inequality, which have led policy makers to implement policies that try to lessen the fragmentation, segmentation and polarisation processes that presently bring discredit to the world of work. Polarisation phenomena have severe effects on social and political cohesion, and the RG researchers have come to the assumption that what happens in the world of work powerfully influences social cohesion and political stability. Awareness that inescapable digital and ecological transitions will have huge impacts on employment and work is the main motivator of the plan for 2025-2029. Assuming that researchers have a duty and responsibility to make us aware of the social, economic and civilisational changes implicit in ecological and social crises, the RG aims to help build a future that respects planetary limits. The RG's primary objective is to promote the integration of the work of Innovation and Labour researchers. The aim is to get the former to consider the consequences of the innovations they propose on work, and to get the latter to consider the effects of the digital and ecological transition on work and social cohesion.

The aim is also to promote integration with the other research groups, namely with Cities and Territories, to tackle the problem of housing for young people, and with the legal scholars of Governance, Economy and Citizenry for the regulation of the labour market and for issues related to the use of digital innovation (including Artificial Intelligence and algorithmic management) in the world of work.

(RG-3127-400757) Cities and Territories

12.1. IDENTIFICATION OF THE RESEARCH GROUP

12.1.1 ID number of Research Group

RG-3127-400757

12.1.2 Research Group name in Portuguese

Cidades e Territórios

12.1.3 Research Group name in English

Cities and Territories

12.1.4 Keyword(s)

urban/territorial change

territorial governance and planning

local/regional development policies

sustainable development processes

12.1.5 The Research Group existed in 2018-2023?

Yes

12.1.6 Identification and summary description of up to 3 contributions that the R&D Unit considers most relevant during 2018-2023 by researchers from the Research Group included in the application

Firstly, CT group research contributed significantly towards explaining and informing policy action regarding the vast transformations and restructuring dynamics verified in the present-day Lisbon Metropolitan area. This is part of the work on territorial recompositions conducted by the group, namely looking at processes (and their effects) such as touristification, gentrification and massification of public space appropriation in urban areas or those associated with the housing crisis. In-depth, multisectoral research has been conducted in recent years on the urban dynamics of recent transformations of the Lisbon Metropolitan Area, and on the policies related to them, covering territorial, housing and cultural issues, intersecting with morphological, social and economic factors. Multiple individual and collective research projects have been contributing to this, including research with the LxHabidata Platform, several FCT projects (e.g. SPLASH , Grand Projects, Care4housing, Re-dwell), or committed research-action participation in BIP Zip Initiatives. This research encompasses multiple aspects of metropolitan change in addition to those mentioned above, such as ageing, care, urban metabolism food supply chains, or platform economies.

Secondly, the work on creative dynamics and cultural practices in multiple territories and contexts, is also outstanding. The strong international nature of this research (including involvement in the Creative Europe projects PARALLEL, RESHAPE and Stronger Peripheries), the policy-oriented activity with direct impacts (including participation in the diagnosis and sectoral strategy for the cinema/audiovisual sector in municipal cultural masterplans, e.g. Oeiras, or in collaborations with municipal networks, e.g. Artemrede), and the development of research-action initiatives and the use of artistic practice as a methodological tool, are of particular note. The direct social impact of this research can also be proven by the 40 creative tourism pilot-projects resulting from CREATOUR projects or by the DIY toolkit for self-assessment of impacts of cultural activities (<https://diycultureimpact.com>), which is result of research developed through diverse European and national projects.

Thirdly, research around historical and postcolonial perspectives on architectural culture was consolidated and became far more international. Post-colonial architecture and modern architectural research have instituted two ERC grants (Advanced Grantee ArchLabour and Starting Grant ReARQ.IB). To this it can be added the coordination of Cost Action European Middle-Class Mass

Housing to multiple FCT projects (MCMH, ARCHWAR, ARCHNEED, UrbanoScenes, GrandProjects) and 2 specific projects on the work of Siza Vieira. In thematic terms this evolution also embraced gender-related perspectives. It became possible to further internationalisation by involving non-European countries, and to deliver results to support local policy makers in their work.

12.2. Researchers of the Research Group

12.2.1 List of Integrated PhD holder Researchers in the R&D Unit from the Research Group

| Name | Principal Investigator |
|---|------------------------|
| Pedro Miguel Alves Felício Seco da Costa | ✓ |
| Paulo Alexandre Tormenta Pinto | |
| Alba Zarza Arribas | |
| Alexandra Matos Monteiro Ferreira Areia | |
| Alexandra Maria Barros Alves Chaves Silva Vidal Saraiva | |
| Alexandra Cláudia Rebelo Paio | |
| ANA CAROLINA CARVALHO FARIAS | |
| Ana Cristina Ribeiro dos Santos da Silva Ferreira | |
| Gabriela Gonçalves | |
| Ana Luísa Gonçalves Brandão Estêvão | |
| ANA CATARINA SERRA NEVADO | |
| Ana Oliveira | |
| Ana Costa Rosado | |
| Ana Cristina Fernandes Vaz Milheiro | |
| Ana Mehnert Pascoal | |
| Andrea Pavoni | |
| Catarina Ruivo Pereira | |
| Diana Soeiro | |
| Elisabete Caldeira Neto Tomaz | |

Name**Principal
Investigator**

Fernando de Jesus Monteiro dos Reis Pires

Francesca Vita

Gustavo Toshiaki Lopes Sugahara

Inês de Azevedo Isidoro

INES LIMA RODRIGUES

Ivonne Herrera-Pineda

Joana Pestana Gonçalves Lages

Jorge Gabriel da Rosa Neves

José Manuel Esteves Henriques

josé luís possolo de saldanha

Leonor Cabral Matos Silva

Luís Miguel Martins Gomes

Maria Margarida Moreira de Carvalho Perestrelo

Maria Assunção Gato

Marianna Paz do Monte

Marta Sequeira Carneiro

Mónica Ribeiro Moreira Pacheco Navarro

Nuno Miguel da Silveira Campos Pereira Grancho

Nuno Rodrigues

Nuno Miguel Tavares da Costa

Patrícia Beirão da Veiga Bento de Almeida Machado Lima

Paula Cristina André dos Ramos Pinto

Pedro Luz Pinto

Pedro Mendes

Name**Principal
Investigator**

PEDRO MIGUEL DOMINGOS DUARTE DE OLIVEIRA

Raul Lopes

Ricardo Costa Agarez

Ricardo Venâncio Lopes

Rogério Paulo Vieira de Almeida

Saila-Maria Saaristo

Sandra de Sá Guerra Marques Pereira

Sebastião Ferreira de Almeida Santos

Sérgio Paulo Leal Nunes

Sérgio Vital Braz Caramelo

Sónia Isabel Duarte Pereira Henrique

Maria Teresa Esteves Costa Pinto

Maria Teresa Marques Madeira da Silva

Teresa Marat-Mendes

Teresa Maria Ribeiro Belo Rodeia

vasco tomaz

Walter José dos Santos Rodrigues

12.2.2 List of Collaborating Researchers from the R&D Unit who constitute the Research Group

Name

Ágata Dourado Sequeira

Ana Rita Cruz

Ana Maria de Saint-Maurice Correia de Matos

Maria Cristina Fernandes de Almeida

Eduardo José Rocha Medeiros

Name

FLAVIO BARBINI

Isabel Maria Pimentel de Carvalho Guerra

João Pedro Vaz Pinheiro Estevão

João Paulo Fialho de Almeida Pereira Delgado

Madalena Matos

Maria Margarida Perdigão Festas Mariño Ucha

Maria Joana de Carvalho Catela Teixeira

Paula Guerra

Paulo Manta Pereira

Pedro Casanova

Pedro Luís de Matos Ferreira da Silva

Simone Amorim

Ana Catarina Serafim de Sousa Graça

Beatriz Serrazina

Catarina Lopes Mateus

Filipa Raquel Alves Fiúza

Giles Bruno Valla Teixeira

João Miguel Pereira Concha

Laura Sobral Rodrigues

Lia Andreia Cristóvão Ferreira

Mariana Sanchez Salvador

Marta Gonçalves Vicente

Patrícia de Souza Cançado Amorim

Raquel Gameiro Lopes

Rui Miguel Simões Gonçalves Mendes

Name

Sonja Dragovic

Susana Teresa de Azevedo Nogueira

Tiago Miguel Tito Candeias

12.2.3 List of PhD students supervised by Integrated PhD holder Researchers in the R&D unit

Name

Ana Rosa Gomes Cravinho do Nascimento

Androniki Pappa

Carla Duarte

Carolina Neto Henriques

Carolina Martin Peñuela Carolina

Daniela Silva

Eduardo Corales

Elodie Gomes Marques

Fábio Urbino Rodrigues Correia

Filipe Nassauer Mónica

Geraldo Manuel Cabral Nascimento de Pina

Henrique Soeiro de Sousa Andrade

Hugo Alexandre Reis

Inês Costa Santos de Sousa Nascimento

Irina Joana da Costa Gomes

ISABELLA NORONHA RUSCONI

Joana Filipa Garcia Nunes

João da Cunha Borges

Krisztina Ramneantu

Lorenzo Stefano Iannizzotto

Name

Luana Silva Monte do Nascimento

Marta Gutierrez Nobre Ramos Setúbal

Megg Sousa

Paula Cristina Barros

Pedro Alexandre Namorado dos Santos Borges

Rui Manuel Pinto del Pino Fernandes

Sara Alexandra da Silva Lopes

Tânia de Sousa Lemos

Tiago Miguel Tavares Mendes

Vattani Séverin Luc Saray

12.3. Description of the main contributions of the Research Group in 2025-2029

12.3.1 General description of the Research Group

CT research is focused on the territorial expression of contemporary socioeconomic, environmental and cultural change, analysing its complex restructuring mechanisms in the light of their spatiality, territorial embeddedness and their spatial-morphological dimensions, and framing them within the scope of multidimensional sustainable development processes.

For 2025-2029 the group will continue to more deeply discuss and research critical urban and territorial issues in Portugal and beyond, facilitating the connection between academics, practitioners, policymakers and local communities. Major research lines move on themes on which there is accumulated knowledge in the group:

1. Cultural dynamics and creativity in contemporary territories;
2. Representation, discourse and imaginaries of urban space;
3. Historical and postcolonial perspectives on architectural culture;
4. Housing, ways of living and habitat;
5. Governance systems and social movements;
6. Spatial planning for sustainability.

The focus is on how cities and territories deal, in their multiple contexts, with the challenges that the various transitions (digital, green, socio-demographic) bring to them. This includes exploring new trends and emerging challenges in urban development, planning and policy, as well as the search for innovative and sustainable solutions for Portuguese cities, and to limit the disruptive effect of existing dynamics.

Through collective and individual projects, inter-, multi- and transdisciplinary research is implemented to build socially-useful awareness and knowledge. The use of action-research, participatory methodologies, and various forms of co-creation of knowledge are characteristic of this group. Now the team embraces the challenge of fostering a more common research agenda, strongly "problem-oriented", sharing mindsets, resources and knowledge from various disciplinary areas, and delivering "locally territorialised" applied research with greater international reach.

(RG-3127-400758) Governance, Economy and Citizenry

12.1. IDENTIFICATION OF THE RESEARCH GROUP

12.1.1 ID number of Research Group

RG-3127-400758

12.1.2 Research Group name in Portuguese

Governança, Economia e Cidadania

12.1.3 Research Group name in English

Governance, Economy and Citizenry

12.1.4 Keyword(s)

Regulation

Markets

Human Rights

Human Rights Reflexivity, Science and Society

12.1.5 The Research Group existed in 2018-2023?

Yes

12.1.6 Identification and summary description of up to 3 contributions that the R&D Unit considers most relevant during 2018-2023 by researchers from the Research Group included in the application

This is an RG-endorsed interdisciplinary line of research on governance and different modes of public and private regulation with an emphasis on topics about financial markets, labour and social policies, digital technologies, environmental and public health risks. Research was also conducted on the evaluation of national public policies and programmes. This RG also engaged in research on the social responsibility of science and research institutions, and in the relationship between experts and non-experts intersecting with other major societal divides.

A first research strand was structured around the issues of financialisation and financial markets. Analytical work was pursued on the regulation of the financial system and on the economic and social impacts of financialisation. This research gave rise to several publications in peer-reviewed journals, mostly related to time series and/or panel data econometric analysis in order to assess the consequences on European countries and on Portugal related to the growth of finance in the era of financialisation, namely in the slowdown of economic activity, the fall of the labour income share, the decline of labour productivity, the deceleration of both private consumption and private investment, and the growth of households' indebtedness.

A second area of research on the evaluation of national public policies and programmes was structured around a set of research projects developed nationally in collaboration with other public contractors, particularly, the projects Contrafactual-ML and IA-Incentivos aiming to discuss and implement innovative approaches that combine methods of causal inference with machine-learning for the purpose of counterfactual impact assessment of business incentive schemes co-financed by European funds in Portugal. Members of this research group were also involved in a project that aimed at identifying the evaluation needs in the domain of research and innovation policies co-financed by European Funds in Portugal. All these projects directly contributed to the preparation of the Portuguese Government's Global Evaluation Plan for the period 2021-2027.

A third research strand around reflexivity, communication, and social responsibility of science was developed on: a) the evolution of the production of knowledge about the scientific world and its relationship with its environment. Under the RECON project particular attention was paid to the socio-institutional conditions of the production of economic knowledge and the role of expertise in respect to central banking; b) on the development of tools for evaluating the impact of scientific

research, in particular, of DC research. A book chapter was written about the scientific process, its relationships with the scientific, political, and social systems and the upheavals brought upon us by the pandemic; c) further work is being prepared for publication and has already contributed to defining an agenda for social impact within DC.

12.2. Researchers of the Research Group

12.2.1 List of Integrated PhD holder Researchers in the R&D Unit from the Research Group

| Name | Principal Investigator |
|--------------------------------------|------------------------|
| Ana Cristina Narciso Fernandes Costa | ✓ |
| Alexandra Castro | |
| Ana Brochado | |
| Carlos Alberto Neves Almeida | |
| Diptes Bhimjee | |
| Filomena Maria Gerardo-Ponciano | |
| Gabriela Sofia Ribeiro Farinha | |
| João Salis Gomes | |
| João Luís Paiva da Silva | |
| Maria Eduarda Gonçalves | |
| Mariana Rodrigues Mortágua | |
| Nuno David | |
| Pedro Quartin Graça Simão José | |
| Pierre Guibentif | |
| Ricardo Pereira Barradas | |
| RICARDO NUNO FERREIRA PAES MAMEDE | |
| Sergio Miguel Chilra Lagoa | |
| Winston Silvestre | |

12.2.2 List of Collaborating Researchers from the R&D Unit who constitute the Research Group

Name

Jorge Duarte Pinheiro

Luís Fernando Pimentel de Oliveira Vasconcelos Abreu

Manuel António Pita

Maria Inês Patrício Lopes Gameiro

Maria Luísa Teixeira Alves

Nuno Dias

Paula-cristina Ciurean-moldovan

Susana Paula Silva Oliveira

VASCO BARROSO GONÇALVES

Patrícia Andrea Rodrigues André

Tomás Manuel Lança Martins

12.2.3 List of PhD students supervised by Integrated PhD holder Researchers in the R&D unit

Name

Amarílis Vaz Felizes

Gonçalo Simões Marçal

João Maria Côrte-Real de Sousa Fialho

Cristina Vieira de Carvalho Pinheiro

12.3. Description of the main contributions of the Research Group in 2025-2029

12.3.1 General description of the Research Group

Governance and the state, encompassing the variety of its forms, modes and scales of action, the evolution of the legal and regulatory framework and the way in which this evolution shapes processes of institutional change, are a crucial strand of GEC research. Political and economic discourses and ideas are considered in conjunction with processes of political, legal and economic transformation. Particular attention is paid to the evolution of ideas about models of governance and regulation against the background of Europeanisation and (de)globalisation processes.

A first line of research will be related to the thematic of development and of structural transformation in an age of acute climate crisis and an increasing polarisation of society against a backdrop of a succession of crises that impact upon each other. Under scrutiny are industrial policy and its

possibilities and limits.

A second line of work relates to digitalisation and, in particular, to the evolution of the corresponding legal and regulatory framework with a focus on the European Union and the emerging regulatory responsibilities of the new "private rulers" in addressing the potential adverse impacts of digital platforms on public health, labour rights, social polarisation or the spread of disinformation.

A third line of research endorses the consequences of financialisation, highlighting the relationships with household indebtedness and labour relations. The impact of financialisation on labour supply and human resource policies of Portuguese companies are central avenues of research.

A fourth line of work aims to further the understanding of the relationship between public decision-making processes and scientific advice. At stake is also the contribution to the analysis of the social impact of the Centre's research meant to develop a reference framework that can guide concrete impact assessment exercises and the definition of guidelines to be incorporated into the DC scientific management.

13. Thematic Lines

Reference Name Principal Investigator

14. Ethical issues

14.1 Ethical issues

DC is committed to the highest standards of integrity, following ethical guidelines set by national and EU laws and the governing ethics committees. The research conducted within DC adheres to best practices and follows the principles outlined in the Code of Ethical Conduct in Research and the Code of Academic Conduct. The code aims to protect the dignity, safety, and well-being of research participants and enhance the overall quality of research. All data collected is strictly reserved for non-commercial research purposes, guaranteeing its ethical use. These practices are backed by the Ethics Board of Iscte, an independent multidisciplinary body that plays a crucial role in addressing ethical concerns across teaching, research, and community service. Upholding principles like intellectual freedom, autonomy, responsibility, integrity, transparency, and accountability, the Ethics Board ensures that DC remains committed to ethical excellence. Each project is supervised by the institutional interlocutor to ensure quality, data protection, and ethical standards are met. This enhances monitoring and accountability. Additionally, Iscte upholds a Personal Data Protection Policy, which calls attention to its commitment to privacy and personal data protection rules. This policy provides researchers with guidelines on how to safeguard personal data during their scientific research activities. In the teaching field, plagiarism detection tools such as Turnitin, integrated into the eLearning platform (Moodle), are used to validate master's and PhD theses.

DC also follows the institutional Plan for Prevention of Risks of Management, Corruption, and Related Offences. This plan identifies and addresses potential management risks, such as plagiarism, fraud, and scientific misconduct. Furthermore, all studies conducted under the auspices of Iscte units undergo review by the relevant institutional ethics committees.

Iscte has recently endorsed the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers. This demonstrates its strong commitment to ethical research practices. By implementing HRS4R (Human Resources Strategy for Researchers), Iscte and its research units further reinforce dedication to promoting a fair, transparent, and ethical research environment. This strategy prioritizes principles such as integrity, accountability, and respect for the rights of research participants. Moreover, Iscte's data management policy emphasises transparency, accessibility, storage, and the preservation of research data, aligning with FAIR principles. These principles ensure that the data is discoverable, accessible, interoperable, and reusable, enabling effective and responsible data management by raising awareness of good practices in research data

management.

In short, DC is dedicated to safeguarding privacy and personal information, complying with GDPR and related laws as regards the processing of personal data for which the data subject has given consent, and following data retention principles. DC promotes ethical principles through awareness initiatives, fostering integrity, credibility, and excellence in research, education, and community involvement, and thereby contributing to responsible and sustainable societal progress.

15. Aspects of the Activity Plan that involve requesting Programmatic Funding

15.1 Funding for Multi-annual plan for hiring researchers in 2025-2029

| | 2025 | 2026 | 2027 | 2028 | 2029 | Total |
|------------------|--------|--------|--------|--------|--------|---------|
| Required ammount | 160000 | 175000 | 197000 | 222000 | 251000 | 1005000 |

The DC's strategy for the job security of researchers in their specific career has been very much conditioned by sectoral policies and the respective public investment, as well as by the formulas and options defined internally by ISCTE's management bodies. At the moment, DC has three tenure researchers, two of them assistant researchers, and one is a principal researcher. Recently a position for coordinator researcher was made available.

Iscte has set the goal of having at least 15% of the researchers in its research units working full-time in open-ended positions by 2026. To this end, the allocation of researcher's tenure-track positions to DC is determined by Iscte's formula that considers factors such as the number of doctoral students enrolled in the doctoral programmes managed by DC, the funding and impact of research, the size of the unit, the number of full-time and temporary researchers and DC's commitment to co-funding. Based on this formula, DC envisages opening up to five (5) positions within the scope of the FCT-Tenure. The rationale for the design of the five profiles is based on seeking a balance between: i) the integrated researchers and their distribution among the research groups; ii) the diversity of scientific areas and their representativeness among the potentially eligible researchers; iii) the fulfilment of the strategic guidelines planned for the coming years.

With this rationale, three (3) positions are envisaged for the humanities, wherein Architecture, Urbanism, Design and Cultural Heritage are designated scientific sub-areas (Housing and Urban Dynamics, historical and post-colonial perspectives, territorial cohesion). Two (2) positions are planned for the social sciences, designating Sociology and other social sciences as scientific areas and sub-areas (Labour, regulation, and inequalities, and creativity and social change).

These five permanent positions for career researchers will play a significant role in initiating a new approach to combating the instability that has characterised research in Portugal. They aim to prevent the departure of highly-skilled researchers, reinvigorate the research workforce, and attract a greater number of qualified scientists. Although these positions alone do not fully meet the DC's strategic goals, the aim is to strengthen and consolidate the research team by attracting more competitive funding and promoting internationalisation.

To accomplish this, the DC intends to hire a dedicated and experienced PhD Scientific Manager, to offer specialised support in identifying international funding opportunities and assist researchers in navigating the process of applying for highly competitive calls and establishing partnerships. The diversity and complexity of financing programmes has put increasing pressure on science management, requiring dedicated professionals working complementarily alongside researchers. The aim is to improve the conditions for researchers to take the lead in the competitiveness of collective research proposals, as well as to increase individual applications for funding (e.g. Horizon, Cost, Interreg, ERC, Marie Curie, Erasmus+, etc.).

Funding includes the co-funding of the existing and envisioned tenure-track positions, and the full funding of the PhD Scientific Manager.

15.2 Funding for early career researchers

| | 2025 | 2026 | 2027 | 2028 | 2029 | Total |
|------------------|------|-------|--------|--------|-------|--------|
| Required ammount | 0 | 80000 | 160000 | 160000 | 80000 | 480000 |

The range of doctoral programmes available creates a candidate pool that the DC would like to attract and retain. They can bring new and fresh ideas and intersecting topics, which would be combined with the available expertise of DC members. The goal is to integrate PhD graduates in an academic environment and provide material and knowledge resources that encourage them to collaborate and advance knowledge in various fields faced with the complexity of societal challenges and problems. PhD programmes attract international students, from EU and non-EU countries, and can provide additional benefits for the DC, in particular encouraging partnerships with countries of origin; developing a multicultural environment; and increasing the visibility and reputation of DC worldwide.

The selection of candidates from the DC PhD programmes is based on criteria that meet the overall prerequisites of the unit. Candidates are expected to demonstrate the capacity to critically engage with research topics and conduct studies that integrate theoretical and methodological insights across various scientific domains. This approach to research epitomises the essence of DC and is crucial for advancing interdisciplinary and transdisciplinary knowledge, thereby fostering outcomes with a substantial impact and transformative potential. Additionally, candidates should be skilled communicators with both academic and non-academic audiences, with the ability to engage with pertinent stakeholders.

Early-career researchers are expected to collaborate closely with the observatories and develop research within the expansive range of subjects explored in those frameworks. Therefore certain kinds of experience are expected for specific topics, and approaches relevant to each programme, as follows:

- Architecture of Contemporary Metropolitan Territories: knowledge of city-regions studies and contemporary sustainable transitions. It requires the capacity to critically examine data on population trends, demographic characteristics, economic growth, health, food, education, mobility, and other socioeconomic indicators. It involves skills related to collecting primary data on everyday practices and perceptions to help planners and community leaders design context-sensitive interventions and analyse their impacts.

- Economics: knowledge of the economic literature on labour issues, including market and institutional approaches. Candidates should be equipped with skills for quantitative data collection, data analysis using IA for big data statistical and econometric tools.

- Political Economy: knowledge of economic and social regulations that have direct impact on the youth labour market, that affect young people's lives and professional paths. Skills in analysing the local-level employability agenda and inequalities within countries are particularly important. It involves considering the impacts of immigration and informality, but also the way less-populated territories can attract young people. The skills to interact with local stakeholders are also required.

- Urban studies: knowledge of housing issues and urban planning, especially related to the Lisbon area. Knowhow of housing markets; construction/rehabilitation; public housing; access to housing; housing conditions and habitability, municipal revenue and local housing are required to provide policy-design support at municipal-level. Knowledge of EU and non-EU major cities is also required for comparative purposes.

Four contracts for early-career researchers, two of which will open in 2025 and two in 2026 (120K€ per contract).

15.3 Strategy and funding for internationalization activities and promotion of European Formal R&D networks in 2025-2029

| | 2025 | 2026 | 2027 | 2028 | 2029 | Total |
|------------------|-------|-------|-------|-------|-------|--------|
| Required ammount | 38000 | 38000 | 38000 | 38000 | 38000 | 190000 |

Strengthening the internationalisation capacities of DC involves creating a favourable environment for retaining and attracting talent, delivering competitive applications and securing complementary funding. In parallel, a set of strategic conditions must be in place to enhance collaboration, visibility, and scientific and social impacts on a broader scale. The DC's increasing number of integrated researchers has made further inroads in internationalist projects (cf. 5.2). However, the goals for the coming years, and the global challenges of the research networks in which DC is involved, require more ambitious funding. To accomplish these goals, DC needs to:

1. Increase the support given to researchers for a) participation in international scientific meetings to present research findings; b) networking at international conferences and workshops to increase

visibility and facilitate collaborations; c) engagement with scientific associations and thematic/disciplinary networks, including those in Portuguese-speaking countries, to provide insights into global trends and developments in the diverse fields of research (25K€/year =125K€).

2. Reinforce the capacity to host international conferences, workshops and seminars in order to attract international scholars, researchers, and experts to a) enhance the reputation of the research unit; b) broaden knowledge about the areas of research carried out at DC; c) capitalise upon research groups' project results and ITL; d) and foster collaborative opportunities (40K€);

3. Explore new opportunities for scientific partnerships and networks with international institutions and universities to gain international exposure, collaborate on research projects and develop intercultural competencies (10K€).

4. Invest in the internationalisation of the 3 observatories, to advantageously position them in international networks, invite experts to engage in collaborative projects, and develop joint proposals for international financial applications (15k€).

15.4 Plan and funding for specific infrastructure and equipment in 2025-2029

| | 2025 | 2026 | 2027 | 2028 | 2029 | Total |
|--|------|------|------|------|------|-------|
|--|------|------|------|------|------|-------|

| | | | | | | |
|------------------|--------|-------|-------|-------|-------|--------|
| Required ammount | 340000 | 25000 | 25000 | 25000 | 25000 | 440000 |
|------------------|--------|-------|-------|-------|-------|--------|

Several research streams and activities of the DC's SP require investments in infrastructure and the acquisition of equipment and software:

1. Observatories

The three observatories (Youth Employment, Housing and City-Region) are envisioned as being long-term scientific infrastructures of the DC, requiring initial set-up investments and financial support for long-term costs. Based on specifically-designed open-source data platforms and websites, they require: platform development, hosting and server maintenance services, hardware (laptops) with high-level performance capacities to process large datasets, for permanent human resource staff (a science manager and early-career researcher), software licenses for data analysis and visualisation, and output production. (5K€ per observatory)

2. Science Communication

The professionalisation of science communication and the diversification of used media (11.1) needs to be sustained by proper facilities and software, including:

-website: server maintenance, website domain, digital promotion widget adds, mailing list service (1875€)

-hardware: laptop dedicated for communication functions (image, video and audio software) with robust features and stable performance (3600€)

-software: visual edition, content production (2250€)

-Podcast support services: combining of audio with visual content to facilitate the impact on the dissemination of science to society (2275€)
(10K€)

3. Linking social sciences to technologies

Several fundamental research lines of DC are exploring the possibilities opened up by advanced technology, by investing in:

a) 3D surveying both for the architecture and the territorial scales, by integrating Terrestrial Laser Scanning tools, as well as Terrestrial and Aerial Digital Photogrammetry. Digital survey methods have become a standard practice of documenting and researching in architecture, urban studies and landscape, even more so because they make it possible to conduct non-intrusive, remote research, enabling the dissemination of knowledge to a wider audience. Digital surveys resulted in the creation of a metric and descriptive database of built and ecological structures, at different scales (from architecture, to the territory, to the landscape), making it possible to understand specific issues, and enabling the representation of spatial features in a way accessible to different kinds of users - expert professionals as well as laymen. Drone (€3.000,00), Mobile laser scanner (€42.000,00) including software.

b) Robotic technologies for the Vitruvius FabLab-Iscte (VFABLAB) facility. The role of robotics in architecture is increasingly pivotal, particularly for industrialised construction, where it is transforming traditional methods and bringing with it scientific advancements in housing affordability and sustainability-tailored solutions. Robotics in architecture offers a transformative approach to construction, enhancing efficiency, precision, and customisation. DC's research programme, embracing robotic technologies, reflects a wider commitment to innovation and modernisation in the

housing sector, aligning with broader efforts to address housing challenges through technological solutions. By integrating robotics into industrialised construction processes, articulating academic and non-academic knowledge is not only optimising resource utilisation but also unlocking new possibilities in architectural design transdisciplinary methods. This integration not only streamlines production but also fosters cross-disciplinary collaboration, enriching scientific knowledge and pushing the boundaries of what is achievable in sustainable housing design and construction. As a result, the DC and VFABLAB stand at the forefront of leveraging robotics to revolutionise architectural practices and advance scientific understanding in housing studies. Robotic arm (270K€).

4. Shared infrastructures

Iscte-KI offers a wide range of IT resources in its data centre to effectively meet the diverse needs of researchers. The solution is thoughtfully designed to be both flexible and scalable, to accommodate any future needs of researchers, as well as any services and projects that may be developed. The main specifications of the data centre are: processing capacity, either individually, in a cluster or using GPUs (30 servers); storage; backups; direct internet connection (remote access and provision of services) and hardware housing.

In terms of available services to be provided, the following will be required to meet ensuing needs: restricted environment for processing sensitive data; distributed computing (big data); private cloud computing (CPU and/or GPU); and website hosting. The original investment of more than 1.5M€ implies some annual maintenance cost. Those costs correspond mainly to specific data centre software licenses and technical support from the suppliers to ensure small downtimes and fast replacement of any damaged components. (100K€)

15.5 Plan and funding for R&D Unit internal call for project applications of the R&D Unit

| | 2025 | 2026 | 2027 | 2028 | 2029 | Total |
|------------------|--------|--------|--------|--------|--------|--------|
| Required ammount | 145000 | 145000 | 145000 | 145000 | 145000 | 725000 |

A) Seed projects

DC aims to allocate 15 seed project grants to proposals that further expertise in cross-disciplinary areas, thereby improving their chances of securing external funding. They are geared towards: supporting research projects at idea origination-phases; fostering collaborations between DC members and other units' researchers to craft proposals; revitalising research proposals that were unsuccessful in securing funding but show potential for emerging issues; and facilitating preliminary data analysis of large datasets on hot topics.

Internal calls for proposals will also be open to tasks or small projects with tangible social impact. The objective is to motivate members to tackle diverse social issues and actively contribute to the development of local communities. Projects such as these are primarily aligned with the observatories.

The seed grants initiative also aims to provide funding for research projects developed by master's students in collaboration with their supervisors responsible for the grant. The goal is to support endeavours such as collecting primary data or short-term scholarships, enabling the exploration of subjects that push beyond conventional boundaries or that implement innovative solutions. (5K€ per project=75K€)

B) Observatories

The three observatories are central to the DC's strategic focus on public policy and public engagement through the development of fundamental and applied research on specific matters. For this to be possible, each observatory requires hiring a Science Manager, and benefits from particular internationalisation support (15.3).

a) Strengthening of the Youth Employment Observatory (YEO). The YEO intends to continue the work started in 2021, providing systematic and user-friendly updated data on youth labour market outcomes. The next step is to include new youth-related issues with available data from the EU and Portugal, and gather primary data on subjects revealed by secondary data. Funding required for: data visualisation tasks; events to present the research to the scientific and non-academic public; invitation of experts for seminars and policy brief writing; consultancy to prepare EU research proposals; support for publication of international books on youth studies; and open access fees.

b) Setting up the Lisbon Metropolitan Area Housing Observatory (LxHO). Based on the existing open-source georeferenced data platform LX_HABIDATA, the observatory studies current housing changes in LMA, by addressing its production system (private, public and mixed), market and

(un)affordability issues, and policies. Consolidating the research trajectory earlier developed by the team, LxHO plans to develop incrementally in 3 phases, from set-up to consolidation to expansion. Funding supports new website development, data platform support services, output production and dissemination, and the organisation of conferences and other scientific events.

c) Setting up of the City-Region Transitions Observatory. (CRTO). CRTO aims to develop an interactive Atlas of the dynamic evolution of the Lisbon City-Region, bringing together spatial representations (digital, audio-visual, and cartographic tools) and spatial narratives to monitor and analyse its socio-ecological transitions. Funding required to develop the Atlas platform, to buy and gather data, produce visual analyses, build a transdisciplinary Living lab with stakeholders (academics, policymakers, individuals, and organisations) and host events.

(11,5K€ per observatory, including science manager =575€K)

C) DC Scientific diffusion strategies

Strengthening the DC's open-access publishing policy:

- CCT Journal regular activities - publishing 3 issues p/year, improve the scientific quality of papers, boost the media communication strategy, aim for a higher citation and impact ranking.

- Passagens journal - consolidate the yearly publication, establish it as a reference for the interdisciplinary DC culture, cover specific material expenses (colour printing).

- PJSS journal - ensure participation in the consortium and support its publishing.

(50K€)

Maintaining science communication and internal networking activities:

- Organisation of the annual workshop for improving internal communication and community-building, strengthening the units' culture, giving visibility to fresh research, reflecting on its impacts, and discussing strategic positionings.

- Foster debate about pressing societal challenges (11.1) in: (1) internal seminars, aiming at a knowledge base and a common representation of the problems to be tackled, based on the contribution from the entirety of DC research areas, but also advancing proposals for the future; (2) meetings with decision-makers and civil society groups, engaging in co-creation of knowledge and debating solutions from different perspectives.

(25K€)

15.6 Plan and funding for advanced training programs of the R&D Unit

| | 2025 | 2026 | 2027 | 2028 | 2029 | Total |
|------------------|--------|--------|--------|--------|-------|--------|
| Required ammount | 110000 | 183000 | 183000 | 183000 | 73000 | 732000 |

Required ammount 110000 183000 183000 183000 73000 732000

DC runs 4 Doctoral degrees, and one more has been approved to begin in 2024 entitled Transitions to Sustainability. Quality is ensured by Iscte following the guidelines and requirements of the Agency for Assessment and Accreditation of Higher Education (A3ES). The Urban Studies and the Political Economy PhD programmes are co-managed by partnered universities, underlining the interdisciplinarity of these domains and the DC's tradition of collaborative research. A new doctoral programme - 'Transdisciplinary Studies on Change', which will include three profiles associated with DC research groups (Innovation and Labour; Cities and Territories; Governance, Economy and Citizenry), will be proposed as a platform for the development of the unit's scientific culture, oriented towards themes and projects being debated in the unit.

PhD students within the DC conduct research across a diverse range of subjects and draw upon the interdisciplinary and transdisciplinary approach that is characteristic of the DC. Supervisors frequently engage with PhD students in their ongoing research agendas and projects. From the outset, PhD students are provided with comprehensive information regarding the research conducted at the DC and the researchers associated with each specific topic.

Architecture of Contemporary Metropolitan Territories: (PT), interdisciplinary and transdisciplinary analysis to endow students with knowledge and skills on the contemporary territory. It includes three units on Research Methods. Assessment criteria include academic, scientific and professional CVs. Economics: (EN), includes a few elective curricular units and tutorial classes according to the dissertation subjects. Selection criteria are: strong intellectual development, as demonstrated by high academic marks and test scores; emotional maturity to complete a rigorous programme of study; commitment to research in Economics.

Political Economy: (PT), its interdisciplinary programmes are unique in its field in Portugal, even though this is a growing field of study internationally. It includes four compulsory curricular units and one elective unit. Additionally, there are six methodological units. Selection criteria: preferably MSc

Social Sciences and Humanities; academic and professional CVs; motivation letters describing the major themes in political economy.

Urban studies: (PT), advanced and interdisciplinary training in urban research through a perspective that integrates various disciplines. It includes two thematic, and two methodological units. Assessment criteria include academic, scientific and professional CVs and interviews.

Transition to sustainability: lectured in PT, reflecting on the ways we can transition essential systems of life in society, including public policy instruments. The structure comprises methodological units and seminars. Assessment criteria include academic, scientific and professional CVs; and research plans.

The five PhD programmes at DC have a broad appeal, attracting both national and international students, especially from Portuguese-speaking countries. The requested funding is to: reduce potential abandonment or delay of interesting projects due to insufficient resources; attract master's students providing them with generous PhD time frames; attract candidates of diverse backgrounds, talents, topics of interest, and geographical locations; offering an interdisciplinary and transdisciplinary environment to those who choose the DC as their host institution; enhance DC's reputation as a research unit open to global candidates and cultivate a multicultural environment; and replace ageing academia to ensure continuity and vitality within the academic community. Overall, such grants may contribute significantly to DC's mission of promoting diversity, collaboration and innovation in research.

10 advanced academic training programme grants, six of which will open in 2025 and four in 2026 (73,2K€ per grant, including tuition).

16. Funding planned for 2025-2029 for evaluation purposes

16.1 Expected funding of the R&D Unit for 2025-2029

| FUNDING SOURCES (TOTAL FUNDING) | 2025 | 2026 | 2027 | 2028 | 2029 | TOTAL (K€) |
|---|--------------|--------------|--------------|-------------|-------------|-------------------|
| Fundação para a Ciência e a Tecnologia, I.P. - FCT | 804 | 594 | 509 | 355 | 180 | 2.442 |
| Project funding expected to be received | 29 | 0 | 0 | 0 | 0 | 29 |
| Expected funding for contracts of researchers with PhD (1) | 500 | 480 | 460 | 355 | 180 | 1.975 |
| Expected funding for PhD, PostDoc or other fellowships (2) | 275 | 114 | 49 | 0 | 0 | 438 |
| Audit certificates | 0 | 0 | 0 | 0 | 0 | 0 |
| Other funding | 0 | 0 | 0 | 0 | 0 | 0 |
| Other national sources | 25 | 25 | 0 | 0 | 0 | 50 |
| Funding expected to be received from Participant or Management Institutions | 0 | 0 | 0 | 0 | 0 | 0 |
| Public sources (3) | 25 | 25 | 0 | 0 | 0 | 50 |
| Companies, industry and other private sources based in Portugal (3) | 0 | 0 | 0 | 0 | 0 | 0 |
| Any other funding source (3) | 0 | 0 | 0 | 0 | 0 | 0 |
| International sources | 680 | 1.225 | 614 | 145 | 0 | 2.664 |
| European Commission (3) | 655 | 1.200 | 614 | 145 | 0 | 2.614 |
| Companies, industry and other private sources not based in Portugal (3) | 0 | 0 | 0 | 0 | 0 | 0 |
| Other fundingsources (3) | 25 | 25 | 0 | 0 | 0 | 50 |
| Total (K€) | 1.509 | 1.844 | 1.123 | 500 | 180 | 5.156 |

(1) Paid through an institution or directly to researchers with PhD integrated in the R&D Unit

(2) Paid directly to fellows, researchers or students integrated in the R&D Unit

(3) Grants, projects, fellowships, prizes received, etc.

16.2 Expenditure budget of the R&D Unit at the Main Management Institution

Iscte Conhecimento e Inovação (Iscte CI-CVTT)

| Expense Budget items | 2025 | 2026 | 2027 | 2028 | 2029 | TOTAL (K€) |
|---|-------|-------|-------|------|------|------------|
| Human Resources | 1.239 | 1.266 | 800 | 442 | 180 | 3.927 |
| Contracts of researchers with PhD | 764 | 860 | 700 | 432 | 180 | 2.936 |
| PhD, PostDoc or other fellowships | 375 | 366 | 100 | 10 | 0 | 851 |
| Contracts of technical or secretarial staff | 100 | 40 | 0 | 0 | 0 | 140 |
| Missions | 70 | 200 | 83 | 35 | 0 | 388 |
| Visiting researchers or consultants | 15 | 20 | 10 | 3 | 0 | 48 |
| Patents registration and maintenance | 0 | 0 | 0 | 0 | 0 | 0 |
| Service or product procurement and acquisition | 100 | 195 | 100 | 10 | 0 | 405 |
| Equipment | 5 | 3 | 0 | 0 | 0 | 8 |
| Adaptation of facilities and buildings | 0 | 0 | 0 | 0 | 0 | 0 |
| Audit certificates | 0 | 0 | 0 | 0 | 0 | 0 |
| Other expenses | 80 | 160 | 130 | 10 | 0 | 380 |
| Total (K€) | 1.509 | 1.844 | 1.123 | 500 | 180 | 5.156 |

16.3 Expenditure budget of the R&D Unit in other Management Institutions (if any)

16.4 Estimate of the percentage distribution by types of expenditure to be ensured with Base Funding for 2025-2029 that will be obtained following the evaluation

| Expense Budget items | % |
|---|-------|
| Human Resources | 51 % |
| Contracts of researchers with PhD | 8 % |
| PhD, PostDoc or other fellowships | 3 % |
| Contracts of technical or secretarial staff | 40 % |
| Missions | 10 % |
| Visiting researchers or consultants | 2 % |
| Patents registration and maintenance | 0 % |
| Service or product procurement and acquisition | 9 % |
| Equipment | 3 % |
| Adaptation of facilities and buildings | 0 % |
| Audit certificates | 0 % |
| Other expenses | 25 % |
| Total | 100 % |

17. Budget justification for 2025-2029

17.1 Justification of the total proposed budget

The budget executed between 2018 and 2023 was 9.970K. Implementation has grown every year, from 881 K€ in 2018 to 3.122K€ in 2023. For 2024, execution is projected, until now, to be ca.

2.500K. In the next years, DC expects to maintain this growing curve. For 2025, even disregarding FCT funding (Base and Programmatic 25-29) DC has already secured ca. 1.500K. EU projects (e.g. ERC, MSCA, COST) strongly contribute to this situation, attesting to DC's scientific project consistency, internationalisation and the overall dynamism driving its team.

The figures in 16.1 and 16.2 correspond only to the funding already assured or firmly expected through contractualisation

A) Total Funding, without Base and Programmatic funding (c16.1)

FCT

Expected funding: only 29 K€ in 2025 related to projects RESTART and URBANSCENES, the sole 2 projects contracted until 2025. DC is awaiting funding decisions for several proposals submitted to FCT.

Expected funding for contracts PhD Researchers (paid directly to researchers integrated in the Unit): 500 K€ in 2025 (5 Junior+5 Auxiliar); 480 K€ in 2026 (4 Junior + 1/2 Junior + 5 Auxiliar); 460 K€ in 2027 (4 Junior + 5 Auxiliar); 355 K€ in 2028 (3 Junior + 4 Auxiliar); 180 K€ in 2029 (3 Junior + 6 months for 2 Auxiliar). These values refer to ongoing contracts.

Expected funding for fellowships: 275 K€ in 2025 (17 PhD); 114 K€ in 2026 (7 PhD); 49 K€ in 2027 (3 PhD).

Other national Public sources - 50 K€ (2025 -2026)

International sources

-EC - 300 K€ from ERC-REArq.IB (2025-2026); 2000 K€ from ARCHLABOUR ERC (2026-2028); 110 K€ from CATALYST (2025-2026), 40 K€ from INITIATE (2025-2026), 124 K€ from SOLVE-H (2025-2027), 40K€ from CERERE (2025-2027).

-Other funding sources - 50 K€ in 2025-26 (CROSUSMOB INTERREG)

Parallel to this expected funding, in terms of FCT funding, based on last years' trends we expect a substantial increase, with regular calls, enabling DC to achieve levels reached in recent years: (i) via projects' funding, considering recent years' rate of approval; (ii) via direct contracts with PhD Researchers; (iii) assuming the maintenance of individual contracts with PhD researchers, or others; and (iv) via residual funding.

In terms of other national funding sources, and despite their extreme variability, a projection of last years' trends renders hope for a positive evolution, through both public and private sources.

Finally, new contracts may be obtained in competitive calls, strongly encouraged to pursue. DC has excelled in diversifying funding sources, successfully obtaining EC funds. DCs attainment of 2 ERC grants, in progress, and a third proposal now under evaluation (approved for phase 2), stands out.

B) Expenditure budget of the R&D Unit at the Main Management Institution (16.2)

-Human Resources - includes HR with FCT individual contracts with PhD Researchers and fellows referred to in 16.1 plus contracts with PhD Researchers and fellows integrated into ongoing projects, mainly with EC funding, such as ERC-REArq.IB, ARCHLABOUR; CATALYST and SOLVE-H. Only a residual value is presented for staff contracts (140 K€), since the bulk of those expenses must be covered by Base Funding, as described in 17.2;

-Amounts considered for "Missions", "Visiting researchers or consultants", "Service or product procurement and acquisition" and "Equipment" are essentially related to ongoing research projects, while amounts managed via DC central structure in direct support to individual members and research are minimal. Other expenses cover general functioning costs of the structure during the project's execution.

C) Expense breakdown for the estimated Base Funding

Most R&D Unit Base Funding provided by FCT is expected to be spent in HR - 51% (see 17.2).

Other items: Support to researchers' internationalization (10%); service procurement (9%); invited speakers and External Advisory Board (consultants: 2%), replacement of central computers (3%), besides general expenses (25%).

17.2 Justification of the Human Resources component in total proposed budget

A) Technical and secretarial staff contracts -

Iscte KI does not guarantee wages for technical staff working at its Research Units. These HR costs must be fully covered by each Research Unit's budget. Even if the number of successful research contracts rises considerably compared to previous years, the overheads they will generate will unlikely cover the salaries of essential staff members providing support to DC research activities in administrative, financial, project management, scientific monitoring, communication, assistance to PhD programmes and editorial services). The cost of this fixed structure will be essentially covered

by the R&D Unit Base Funding provided by FCT.

At the moment, this central structure consists of 7 Science Managers who are responsible for: general Research Unit secretariat and support to the Board; administrative and financial management of projects; support to doctoral programmes; science communication; and information management and editorial duties. Nevertheless, growing demands for a larger team combined with the Unit's more recently added responsibilities, such as direct management of doctoral programmes, which is now ensured by the Unit, and the growing need for updated specialised knowledge in European and other funding management calls for the recruitment of an additional science manager, a process underway in 2024. In addition to this reinforcement, DC hopes to be able to hire a PhD science manager, essential for dealing with the diversity of different funding programmes, particularly international ones, familiar with different administrative/financial protocols and responding to increasingly demanding international applications.

B) Researchers.

DC's greatest ambition in this domain is to hire PhD researchers in order to facilitate the full implementation of its strategic plan. However, the recruitment of these professionals has not been possible through the UI's central funding. Still, the Unit has managed to grow considerably in terms of full-time researchers (thanks to a high success rate in competitions for individual post-doctoral and doctoral scholarships), and will maintain this strategy in the coming years, also aided by the Programmatic Funding and FCT-Tenure programme.

Information displayed in tables 16.1. and 16.2, restricted to funding that is already guaranteed or contractualised, covers only part of this strategy, but it is the only part that D'C can guarantee for now. It includes:

- maintenance of the current research positions (PhD researchers with fellowships through several FCT and EU funded research projects) until the end of these contracts, namely the maintenance of 2 Researchers contracts in the scope of ERC Grants (ERC-REArq.IB, ARCHLABOUR - 1 Principal, other Coordinator) until the end of these projects (2028).

- In addition to this, we hope that the diverse FCT calls that are open or will be, in the framework of the stimulus to scientific employment in Portugal in the next years, will allow us to maintain, via those competitive calls, a number of research contracts that, at least, matches previous years (8-9 contracts, in order to maintain or renew our current full-time research team).

17.3 Justification of the Equipment component in total proposed budget

In terms of equipment, considering the provision of other material resources and equipment by the managing institution (Iscte KI), including the access to a data centre and to specialised laboratories in the field of social sciences, as well as to Vitruvius FabLab, DC's budget covers essentially computer acquisition and IT material. An amount of 8 K€ of overall equipment expenses is guaranteed, in light of the already granted funding, essentially related to computer acquisition and auxiliary materials in the framework of the several ongoing projects. Since acquisitions predominantly take place in the beginning of each project, the figures presented in the budget for undergoing contracts are naturally modest, and decreasing.

Should the number of new contracted research projects be sustained, through both national and international competitive calls, similar to previous years, as well as other projects, these costs could rise considerably. In that sense, we aim to guarantee an average level of 5 K€/year for the regular maintenance and replacement of computer equipment and informatics material in the central structure of DC, naturally, in addition to the amount budgeted for the acquisition of equipment by each of those future research projects.


However, this covers current conditions alone. The Unit's real equipment needs were considered under the request for programmatic funding, as shown in 15.4..

18. Composition of the future External Advisory Board

18.1 Composition of the future External Advisory Board

| Name | Institution | Country |
|----------------------------|--|----------|
| Ana Santos | CES- Centre for Social Studies of the University of Coimbra | Portugal |
| Yankel Fijalkow | CRH - Centre de recherche sur l'habitat - LAVUE CNRS | France |
| Carolina B. Garcia-Estévez | LoG - Xarxes Transnacionals de l'Art i l'Arquitectura Moderns: Local-Global - Universitat Politècnica de Catalunya: Barcelona, Catalunya | Spain |
| Manuel Mira Godinho | REM - Research in Economics and Mathematics - ISEG - Institute of Economics and Management - Lisbon University | Portugal |

Declaration of commitment of the R&D Unit

 2024-04-17 14:33 By Paulo Alexandre Tormenta Pinto

Declaration of commitment of the Main Management Institution

 2024-04-17 14:37 By Maria de Lurdes Rodrigues