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Nuno Bento

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Integrated Researcher

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Curriculum

Nuno Bento is Integrated Researcher at the research unit DINÂMIA'CET of Iscte. Nuno holds a PhD in Economics from University of Grenoble (France).

Nuno has published three dozen scientific papers in international peer-reviewed journals, including multidisciplinary journals such as Science and Nature Energy. He has extensively published on technology innovation, diffusion, technological innovation systems, sustainability transitions, environmental and energy economics, and climate change prospective and policies. His current themes of research encompass the formation of technology innovations, accelerated low-carbon transformation, socioeconomic impacts of different transition pathways, low energy demand innovations and sustainable transitions in business.

Nuno's research has received national (e.g., FCT) and international (e.g., EU Horizon 2020, METI-Japan) funding. He has consulted for organizations such as the European Commission, International Energy Agency and IPCC.

Previous experiences include postdoctoral researches at Harvard University (USA) and International Institute for Applied Systems Analysis – IIASA (Austria), as well as teaching positions in several countries.

Research Interests

Technological change

Innovation studies

Energy and climate change

Academic Qualifications

University/Institution	Type	Degree	Period
Université de Grenoble École Doctorale de Sciences Economiques	PhD	Economia	2010
Université Pierre Mendès France Grenoble 2	M.Sc.	Economie et Gestion: Economie internationale et stratégie d'acteurs: entreprises, état, organisations internationales	2005
Universidade do Porto Faculdade de Economia	Licenciate	Economia	2004

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord.
2025/2026	1º	Seminar in Sustainability Transitions	Doctorate Degree (PhD) in Transitions to Sustainability;	Yes
2025/2026	1º	Conceptualisation of Sustainable Mobility	Post Graduation Program in Future Mobility;	No
2025/2026	1º	Transitions and Strategies for Sustainable Mobility	Post Graduation Program in Future Mobility;	No
2025/2026	1º	Digital Transition in Mobility	Post Graduation Program in Future Mobility;	No
2024/2025	2º	Conceptualisation of Sustainable Mobility	Post Graduation Program in Future Mobility;	No
2024/2025	2º	Mobility Regulations and Governance	Post Graduation Program in Future Mobility;	No
2024/2025	2º	Transitions and Strategies for Sustainable Mobility	Post Graduation Program in Future Mobility;	No
2024/2025	2º	Digital Transition in Mobility	Post Graduation Program in Future Mobility;	No
2024/2025	2º	Financing and Investment in Mobility Projects	Post Graduation Program in Future Mobility;	No

2024/2025	1º	Seminar in Sustainability Transitions	Doctorate Degree (PhD) in Transitions to Sustainability;	Yes
2024/2025	1º	Conceptualisation of Sustainable Mobility	Post Graduation Program in Future Mobility;	No
2024/2025	1º	Mobility Regulations and Governance	Post Graduation Program in Future Mobility;	No
2024/2025	1º	Transitions and Strategies for Sustainable Mobility	Post Graduation Program in Future Mobility;	No
2024/2025	1º	Digital Transition in Mobility	Post Graduation Program in Future Mobility;	No
2024/2025	1º	Financing and Investment in Mobility Projects	Post Graduation Program in Future Mobility;	No
2023/2024	1º	Interdisciplinary Seminar	Master Degree in Governance and Sustainability of the Sea;	Yes

Supervisions

• Ph.D. Thesis

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Joana Gomes	Essays on how circularity and the transition to carbon neutrality can underpin new forms of reindustrialization	Portuguese	Developing	Faculdade de Economia da Universidade de Coimbra - FEUC (Doutoramento em Economia Política ISCTE/ISEG/FEUC)
2	Ross Wallace	Socio-Technical Imaginaries of Future Energy Landscapes: How, when and where are renewable energy infrastructures acceptable?	English	Developing	Iscte
3	Rita Beatriz Pires Serrenho	Corporate Engagement in Voluntary Carbon Markets: Institutional Pressures, Sectoral Strategies, and the Role of Certification and Co-Benefits	English	Developing	Iscte

• M.Sc. Dissertations

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
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1	Juan Carlos Oliveira Anton	The Implementation of the European Green Deal and its Consequences for Energy Security and Transition: A Comparative Analysis of Southern European Countries (2021-2030)	--	Developing	Iscte
2	Helder Filipe Conde Bento	o impacto financeiro e não financeiro da adopção dos critérios ambientais, sociais e de governança (ESG) nos bancos portugueses em tempos de incerteza	--	Developing	Iscte
3	João Pedro Lourenço Rodrigues	The Evolution of Railway Policies in Portugal: The Continuity and Discontinuity of High-Speed Rail	--	Developing	Iscte

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Dalia Alejandra Soto Ricardo	How Governance Innovations Encounter Regime Resistance: Exploring Decline of Fossil Fuels, Fertilisers and Pesticides in EU Nature Restoration Law	English	Iscte	2025
2	João Medina dos Santos	Barriers and Opportunities for Accelerating the Energy Transition and Sustainable Development in Developing Countries	Portuguese	Iscte	2025
3	Clara Freiin Von Wangenheim	Challenges and Opportunities of the European Sustainability Reporting Standards (ESRS) to Enhance Corporate Sustainability – Balancing Regulation and Innovation in Corporate Sustainability Reporting	English	Iscte	2024
4	Miriam Kercelene de Assunção Posser	DIFFUSION OF RENEWABLE ENERGY TECHNOLOGIES IN SUB-SAHARAN COUNTRIES.	Portuguese	Iscte	2022

Total Citations

Web of Science®	2073
Scopus	2129

Publications

- **Scientific Journals**
 - Scientific journal paper

1	Bento, N., Nuñez-Jimenez, A. & Kittner, N. (2025). Decline processes in technological innovation systems: Lessons from energy technologies. <i>Research Policy</i>. 54 (3) - Times Cited Web of Science®: 3 - Times Cited Scopus: 3 - Times Cited Google Scholar: 10
2	Costa, P. M., Duarte, A., Tomé, P., Bento, N. & Fontes, M. (2024). Technological innovations in decarbonisation strategies: A text-mining approach to technological readiness and potential. <i>Energies</i>. 17 (24)
3	Bento, N., Grubler, A., Boza-Kiss, B., De Stercke, S., Krey, V., McCollum, D. L....Alves, T. (2024). Leverage demand-side policies for energy security. <i>Science</i>. 383 (6686), 946-949 - Times Cited Web of Science®: 10 - Times Cited Scopus: 11 - Times Cited Google Scholar: 25
4	Bento, N. (2023). The potential of digital convergence and sharing of consumer goods to improve living conditions and reduce emissions. <i>Environmental Research Letters</i>. 18 (12) - Times Cited Web of Science®: 5 - Times Cited Scopus: 5 - Times Cited Google Scholar: 5
5	Mastrucci, A., Niamir, L., Boza-Kiss, B., Bento, N., Wiedenhofer, D., Streeck, J....van Ruijven, B. (2023). Modeling low energy demand futures for buildings: Current state and research needs. <i>Annual Review of Environment and Resources</i>. 48, 761-792 - Times Cited Web of Science®: 31 - Times Cited Scopus: 36 - Times Cited Google Scholar: 48
6	Costa, E., Fontes, M. & Bento, N. (2023). Transformative Business Models for decarbonization: Insights from prize-winning start-ups at the Web Summit . <i>Sustainability</i>. 15 (18) - Times Cited Web of Science®: 5 - Times Cited Scopus: 5 - Times Cited Google Scholar: 9
7	Fontes, M., Aguiar, M. & Bento, N. (2022). Efeitos sectoriais e territoriais da experimentação em fases iniciais de inovações energéticas: Lições de 20 anos de tecnologias renováveis marinhas em Portugal. <i>Finisterra – Revista Portuguesa de Geografia</i>. 57 (121), 21-43 - Times Cited Web of Science®: 2 - Times Cited Scopus: 2 - Times Cited Google Scholar: 4
8	Marques, V. M., Costa, P. M. & Bento, N. (2022). Greater than the sum: On regulating innovation in electricity distribution networks with externalities. <i>Utilities Policy</i>. 79 - Times Cited Web of Science®: 2 - Times Cited Scopus: 3 - Times Cited Google Scholar: 10
9	Bento, N., Sousa, C., Trindade, P., Mamede, R. P., Fontes, M. & Alves, T. (2022). Robust relation between public procurement for innovation and economic development. <i>Economics Letters</i>. 211 - Times Cited Web of Science®: 4 - Times Cited Scopus: 5 - Times Cited Google Scholar: 11

10	Bento, N., Gianfrate, G. & Aldy, J. (2021). National climate policies and corporate internal carbon pricing. <i>Energy Journal</i>. 42 (5), 89-100 - Times Cited Web of Science®: 17 - Times Cited Scopus: 19 - Times Cited Google Scholar: 41
11	Bento, N., Fontes, M. & Barbosa, J. (2021). Inter-sectoral relations to accelerate the formation of technological innovation systems: determinants of actors' entry into marine renewable energy technologies. <i>Technological Forecasting and Social Change</i>. 173 - Times Cited Web of Science®: 14 - Times Cited Scopus: 17 - Times Cited Google Scholar: 26
12	Fontes, M., Bento, N. & Andersen, A. D. (2021). Unleashing the industrial transformative capacity of innovations. <i>Environmental Innovation and Societal Transitions</i>. 40, 207-221 - Times Cited Web of Science®: 14 - Times Cited Scopus: 14 - Times Cited Google Scholar: 35
13	Markard, J., Bento, N., Kittner, N. & Nuñez-Jimenez, A. (2020). Destined for decline? Examining nuclear energy from a technological innovation systems perspective. <i>Energy Research and Social Science</i>. 67 - Times Cited Web of Science®: 86 - Times Cited Scopus: 91 - Times Cited Google Scholar: 149
14	Bento, N., Borello, M. & Gianfrate, G. (2020). Market-pull policies to promote renewable energy: a quantitative assessment of tendering implementation. <i>Journal of Cleaner Production</i>. 248 - Times Cited Web of Science®: 39 - Times Cited Scopus: 44 - Times Cited Google Scholar: 66
15	Wilson, C., Grubler, A., Bento, N., Healey, S., De Stercke, S. & Zimm, C. (2020). Granular technologies to accelerate decarbonization. <i>Science</i>. 368 (6486), 36-39 - Times Cited Web of Science®: 164 - Times Cited Scopus: 164 - Times Cited Google Scholar: 245
16	Bento, N. (2020). L'économie de l'hydrogène est-elle définitivement enterrée?: dix ans après. <i>Revue de l'Energie</i>. 649 (mars-avril), 73-79
17	Bento, N. & Gianfrate, G. (2020). Determinants of internal carbon pricing. <i>Energy Policy</i>. 143 - Times Cited Web of Science®: 58 - Times Cited Scopus: 58 - Times Cited Google Scholar: 119
18	Bento, N., Gianfrate, G. & Groppo, S. V. (2019). Do crowdfunding returns reward risk? Evidences from clean-tech projects. <i>Technological Forecasting and Social Change</i>. 141, 107-116 - Times Cited Web of Science®: 72 - Times Cited Scopus: 71 - Times Cited Google Scholar: 122
19	Bento, N. & Fontes, M. (2019). Emergence of floating offshore wind energy: technology and industry. <i>Renewable and Sustainable Energy Reviews</i>. 99, 66-82 - Times Cited Web of Science®: 136 - Times Cited Scopus: 138 - Times Cited Google Scholar: 197

20	Bento, N., Gianfrate, G. & Thoni, M. H. (2019). Crowdfunding for sustainability ventures. <i>Journal of Cleaner Production</i>. 237 - Times Cited Web of Science®: 111 - Times Cited Scopus: 118 - Times Cited Google Scholar: 199
21	Bento, N., Wilson, C. & Anadon, L. D. (2018). Time to get ready: conceptualizing the temporal and spatial dynamics of formative phases for energy technologies. <i>Energy Policy</i>. 119, 282-293 - Times Cited Web of Science®: 37 - Times Cited Scopus: 28 - Times Cited Google Scholar: 57
22	Grubler, A., Wilson, C., Bento, N., Boza-Kiss, B., Krey, V., McCollum, D. L....Valin, H. (2018). A low energy demand scenario for meeting the 1.5 degrees C target and sustainable development goals without negative emission technologies. <i>Nature Energy</i>. 3, 515-527 - Times Cited Web of Science®: 949 - Times Cited Scopus: 943
23	Costa, P. M., Bento, N. & Marques, V. (2017). The impact of regulation on a firm's incentives to invest in emergent smart grid technologies. <i>Energy Journal</i>. 38 (2), 149-174 - Times Cited Web of Science®: 9 - Times Cited Scopus: 11 - Times Cited Google Scholar: 14
24	Bento, N. & Fontes, M. (2016). The capacity for adopting energy innovations in Portugal: historical evidence and perspectives for the future. <i>Technological Forecasting and Social Change</i>. 113, 308-318 - Times Cited Web of Science®: 16 - Times Cited Scopus: 14 - Times Cited Google Scholar: 24
25	Bento, N. & Wilson, C. (2016). Measuring the duration of formative phases for energy technologies. <i>Environmental Innovation and Societal Transitions</i>. 21, 95-112 - Times Cited Web of Science®: 99 - Times Cited Scopus: 107 - Times Cited Google Scholar: 180
26	Bento, N. (2016). Calling for change? Innovation, diffusion, and the energy impacts of global mobile telephony. <i>Energy Research and Social Science</i>. 21, 84-100 - Times Cited Web of Science®: 16 - Times Cited Scopus: 20 - Times Cited Google Scholar: 45
27	Bento, N. & Fontes, M. (2015). The construction of a new technological innovation system in a follower country: wind energy in Portugal. <i>Technological Forecasting and Social Change</i>. 99, 197-210 - Times Cited Web of Science®: 48 - Times Cited Scopus: 55 - Times Cited Google Scholar: 99
28	Bento, N. & Fontes, M. (2015). Spatial diffusion and the formation of a technological innovation system in the receiving country: the case of wind energy in Portugal. <i>Environmental Innovation and Societal Transitions</i>. 15, 158-179 - Times Cited Web of Science®: 63 - Times Cited Scopus: 59 - Times Cited Google Scholar: 122

29	Marques, V. M., Bento, N. & Costa, P. M. (2014). The "Smart Paradox": stimulate the deployment of smart grids with effective regulatory instruments. <i>Energy</i> . 69, 96-103 - Times Cited Web of Science®: 24 - Times Cited Scopus: 23 - Times Cited Google Scholar: 47
30	Bento, N. (2012). Le défi du déploiement des nouveaux réseaux énergétiques : quel rôle de l'État ?. <i>Vie et sciences de l'entreprise</i> . 190 (1), 71-94 - Times Cited Google Scholar: 7
31	Bento, N. (2010). Is carbon lock-in blocking investments in the hydrogen economy? A survey of actors' strategies. <i>Energy Policy</i> . 38 (11), 7189-7199 - Times Cited Web of Science®: 18 - Times Cited Scopus: 19 - Times Cited Google Scholar: 38
32	Bento, N. (2010). Investing in the hydrogen delivery infrastructure: methodology for a public policy. <i>Energy Studies Review</i> . 17 (2), 1-24 - Times Cited Scopus: 2 - Times Cited Google Scholar: 2
33	Bento, N. (2010). L'economie de l'hydrogene est-elle définitivement enterrée? = Is hydrogen economy dead and buried ?. <i>Revue de l'Energie</i> . 594, 91-98
34	Bento, N. (2010). Dynamic competition between plug-in hybrid and hydrogen fuel cell vehicles for personal transportation. <i>International Journal of Hydrogen Energy</i> . 35 (20), 11271-11283 - Times Cited Web of Science®: 15 - Times Cited Scopus: 17 - Times Cited Google Scholar: 31
35	Bento, N. (2008). Building and interconnecting hydrogen networks: insights from the electricity and gas experience in Europe. <i>Energy Policy</i> . 36 (8), 3009-3018 - Times Cited Scopus: 11 - Times Cited Google Scholar: 28

- Review article

1	Wiedenhofer, D., Streeck, J., Wiese, F., Verdolini, E., Mastrucci, A., Ju, Y....Pauliuk, S. (2024). Industry transformations for high service provisioning with lower energy and material demand: A review of models and scenarios. <i>Annual Review of Environment and Resources</i> . 49, 249-279 - Times Cited Web of Science®: 6 - Times Cited Scopus: 8 - Times Cited Google Scholar: 11
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• Books and Book Chapters

- Book chapter

1	Bento, N. & Pereira, J. (2025). O Estado da Nação e as Políticas Públicas 2025 / Transportes. In <i>O Estado da Nação e as Políticas Públicas 2025</i> .
2	Bento, N. (2022). Descarbonização: quatro estratégias para passar à acção. In Francisco Camacho (Ed.), <i>101 vozes pela sustentabilidade: por um desenvolvimento responsável</i> . Lisboa: Oficina do Livro.

3	Bento, N., Fontes, M., Barbosa, J. & Mamede, R.P. (2022). Challenges and opportunities of decarbonization for the economic recovery post-pandemic: The question of directionality in innovation policies. In Maria Assunção Gato e Pierre Guibentif (Ed.), <i>Entre transições: retrospectivas – transversalidades – perspetivas</i> . (pp. 32-55). Lisboa: DINÂMIA'CET-Iscte.
4	Bento, N., Fontes, M., Barbosa, J. & Mamede, R. P. (2022). Challenges and opportunities of decarbonization for the economic recovery post-pandemic: The question of directionality in innovation policies. In Gato, M. A., e Guibentif, P. (Ed.), <i>Entre transições: Retrospectivas – transversalidades – perspetivas</i> . (pp. 37-60). Lisboa: DINÂMIA'CET-Iscte.
5	Bento, N. (2015). Investment in the infrastructure for hydrogen passenger cars – New hype or reality?. In R. Gupta, A. Basile, and N. Veziroglu (Ed.), <i>Compendium of Hydrogen Energy: Hydrogen Storage, Distribution and Infrastructure focuses on the storage and transmission of hydrogen</i> . (pp. 379-409). Cambridge: Woodhead Publishing of Elsevier. - Times Cited Scopus: 4 - Times Cited Google Scholar: 7

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Sousa, C., Fontes, M. & Bento, N. (2023). Transformative mechanisms in decarbonization policies: A structured approach. In 18th IAEE European Conference. Milan: International Association for Energy Economics.
2	Costa, P. M., Tomé, P., Duarte, A., Bento, N. & Almeida, B. (2023). Identifying promising domains of decarbonization technologies: An improved methodology. In Solic, P., Nizetic, S., Rodrigues, J. J. P. C., Lopez-de-Ipina Gonzalez-de-Artaza, D., Perkovic, T., Catarinucci, L., and Patrono, L. (Ed.), 2023 8th International Conference on Smart and Sustainable Technologies (SpliTech). Split/Bol, Croatia: IEEE. - Times Cited Google Scholar: 1
3	Costa, P. M., Tome, P., Almeida, B. & Bento, N. (2022). A bibliometric based analysis to identify promising domains of decarbonisation technologies. In Solic, P., Nizetic, S., Rodrigues, J. J. P. C., Gonzalez-de-Artaza, D. L.-de-I., Perkovic, T., Catarinucci, L., and Patrono, L. (Ed.), 2022 7th International Conference on Smart and Sustainable Technologies (SpliTech). Split: IEEE. - Times Cited Scopus: 3 - Times Cited Google Scholar: 3
4	Marques, V., Costa, P. M. & Bento, N. (2021). Accelerate energy transition with smarter regulation for faster grid digitalization. In 1st IAEE Online Conference. Energy, COVID, and Climate Change. Online: International Association for Energy Economics. - Times Cited Google Scholar: 1
5	Rodrigues, C., Rodrigues, F., Pinho, C., Bento, N., Amorim, M. & Teixeira, A. (2021). 25 and 50G optical access network deployment forecasts using bi-logistic curves. In Optical Fiber Communication Conference 2021. Washington, DC: OSA. - Times Cited Google Scholar: 4
6	Wilson, C., Boza-Kiss, B., Bento, N. & Grubler, A. (2019). Near-term actions for transforming energy-service efficiency to limit global warming to 1.5 °C. In eceee 2019 Summer Study on energy efficiency: Is efficient sufficient?. (pp. 617-626). Presqu'île de Giens, França: European Council for an Energy Efficient Economy. - Times Cited Scopus: 1
7	Bento, N. & Fontes, M. (2018). Legitimation and guidance in scaling up energy innovation systems. In 9th International Sustainability Transitions Conference. Manchester - Times Cited Google Scholar: 1

8	Markard, J., Bento, N., Binz, C., Hekkert, M., Musiolik, J. & Truffer, B. (2018). Recent advances in TIS research: towards a new phase in transition studies. In 9th International Sustainability Transitions Conference. Manchester
9	Fontes, M., Karadzic, V., Pereira, T. S. & Bento, N. (2018). Co-evolutionary dynamics of policy and system development: The case of marine renewable energy technologies. In AIT Austrian Institute of Technology Center for Innovation Systems & Policy (Ed.), Eu-SPRI 2017 Book of Abstracts. (pp. 127-131). Viena: AIT: Austrian Institute of Technology.
10	Bento, N. & Fontes, M. (2017). Direction and legitimation in system upscaling: Planification of floating offshore wind. In Bernardo, F., and Loureiro, A. (Ed.), Espaços e comportamento humano: Do local ao global. XIV Congresso de Psicologia Ambiental. (pp. 74-75). Évora: Universidade de Évora. - Times Cited Google Scholar: 3
11	Bento, N., Gianfrate, G. & Aldy, J. (2017). Determinants of internal carbon pricing and of corporate climate change strategy. In Livro de Resumos, Workshop dinâmica'cet-iul 3ª edição. (pp. 13-17). Lisboa: DINÂMIA'CET-IUL.
12	Fontes, M., Sousa, C. & Bento, N. (2016). Experimental projects as learning settings for system building in sustainability transitions: The case of marine renewable energies. In João Joanaz de Melo, Antje Disterheft, Sandra Caeiro, Rui F. Santos and Tomás B. Ramos (Ed.), Proceedings of the 22nd International Sustainable Development Research Society Conference (ISDRS 2016): "Rethinking sustainability models and practices: challenges for the New and Old World contexts". Lisboa: Center for Environmental and Sustainability Research (CENSE-UNL); ISDR Society.
13	Sousa, C., Bento, N. & Fontes, M. (2014). Dynamics of knowledge production and technology diffusion across countries: insights from the emergence of wind energy technology. In Proceedings of the 26th EAEPE Conference. Nicosia
14	Bento, N. & Wilson, C. (2013). Formative phase and spatial diffusion of energy technologies. In 13th IAEE European Conference. Dusseldorf: International Association for Energy Economics.
15	Bento, N. (2012). Historical Scaling Dynamics of Energy Technologies: New Evidences. In 9th International Conference on the European Energy Market. Florence

- Conference proceedings editor

1	Oliveira, Ana, Gonçalves, Maria Eduarda, Volzone, R. & Bento, N. (2023). 7ª Edição do Workshop Dinâmicas Socioeconómicas e Territoriais Contemporâneas: Rumos da Investigação num Mundo em Transformação. Livro de Resumos. Lisboa. DINÂMIA'CET - Iscte. - Times Cited Google Scholar: 1
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- Talk

1	Fontes, M., Sousa, C. & Bento, N. (2025). Driving Transformative Change: Assessing the Direction and Design of Decarbonization Policies in the EU, US, China, and Japan. 16th International Sustainability Transitions.
2	Bento, N. (2024). Leverage Demand-side Policies for Energy Security. InCITIES EU consortium WP2 Scientific Café Webinar, November 28, 2024.
3	Bento, N. (2024). Navigating Tensions and Trade-offs in Structural Change for Wellbeing and Sustainability Transitions. EDITS Annual Meeting 2024, IIASA, Laxenburg.

4	Bento, N., Tiago M. F. Alves, Ribeiro, R. & Fontes, M. (2024). Typology of Pathways for Sustainable Transformation: a review of one million papers on climate mitigation. 15th International Sustainability Conference (IST), Oslo, Norway 2024.
5	Bento, N. (2024). Leverage Demand-side Policies for Energy Security. EDITS/CMCC Global Webinar, Fondazione CMCC - Centro Euro-Mediterraneo sui Cambiamenti Climatici.
6	Mário Vale, Tiago M. F. Alves, Fontes, M., Mamede, R.P. & Bento, N. (2024). Innovation and decarbonization strategies of firms: insights from the Portugal 2020 program and relation to local contexts. GEOINNO 2024 Delivering transformative change: conceptions, contexts and concepts.
7	Alves, T., Bento, N. & Ribeiro, R. (2023). Typology of decarbonization pathways. 2023 Sus2Trans Project Closing Conference: Transformative Strategies for Sustainability Transitions, Iscte, November 6, Lisbon, Portugal.
8	Costa, E., Fontes, M. & Bento, N. (2023). Towards Sustainable Business Models: Exploring Transformative Pathways for Decarbonization. 7a Edição workshop Dinâmia 'Cet: rumos da investigação num mundo em transformação .
9	Costa, E., Bento, N. & Fontes, M. (2023). Transformative business models for decarbonization—The case of Web Summit award-winning start-ups. ECIE, European Conference on Innovation & Entrepreneurship, Porto, Portugal, September 21-22, 2023.
10	Alves, T., Bento, N. & Ribeiro, R. (2023). Typology of pathways for decarbonization. 18th IAEE European Conference, Milan, July 24-27, 2023.
11	Bento, N. (2023). Technology change and decarbonization: New evidence 25 years on. Oxford Symposium on Technology and Global Change, Oxford University, 19-20 June 2023.
12	Costa, E., Bento, N. & Fontes, M. (2023). Transformative Business Models for Decarbonization: The Case of Web Summit Award-Winning Start-ups. Sus2Trans.
13	Bento, N., Fontes, M. & Costa, E. (2023). From sustainability transitions to system transformations—Towards a theory of transformative change. 6º Encontro Anual de Economia Política, Universidade de Trás-os-Montes e Alto Douro, Vila Real, January 26-28, 2023.
14	Bento, N., Fontes, M. & Costa, E. (2023). How innovations lead to structural change: Elements for a theory of system transformation. DRUID23 NOVA School of Business and Economics, Lisbon, June 10- 12, 2023.
15	Bento, N., Alves, T. & Ribeiro, R. (2023). Typology of pathways for sustainable transformation. DRUID23 NOVA School of Business and Economics, Lisbon, June 10- 12, 2023.
16	Costa, E., Bento, N. & Fontes, M. (2023). Elementos-chave dos modelos de negócio transformadores para a sustentabilidade. Terceiro encontro dos bolseiros.
17	Bento, N. (2023). Round table on the model of development for Portugal in the scope climate transition. 7th Workshop of DINÂMIA'CET-IUL "Dinâmicas Socioeconómicas e Territoriais Contemporâneas – Rumos da Investigação Num Mundo em Transformação, Lisbon, May 22-23, 2023.
18	Bento, N., Fontes, M. & Alves, T. (2023). Climate Policies in Decarbonization Strategies—A computational approach. 7th Workshop of DINÂMIA'CET-IUL "Dinâmicas Socioeconómicas e Territoriais Contemporâneas – Rumos da Investigação Num Mundo em Transformação, Lisbon, May 22-23, 2023.

19	Bento, N., Fontes, M. & Costa, E. (2023). How innovations lead to structural change—Elements for a theory of system transformation. 7th Workshop of DINÂMIA'CET-IUL "Dinâmicas Socioeconómicas e Territoriais Contemporâneas – Rumos da Investigação Num Mundo em Transformação, Lisbon, May 22-23, 2023.
20	Bento, N. (2023). Decarbonization and Structural Change. Seminar of the Doctoral Program on International Studies, ISCTE, Lisbon, March 16, 2023.
21	Bento, N. (2023). Technology Substitution for System Transformation: Reassessing the role of learning and infrastructure. 14th International Sustainability Conference (IST), Utrecht, Netherlands, 30 August -1 September 2023.
22	Bento, N. (2023). Greater Energy Security with Demand-side Policies. United Nations Climate Change Conference of the Parties (COP), Pavilion of Japan, Dubai, 11 December, 2023.
23	Bento, N. (2023). Energy security from a demand-side angle. 2023 Annual EDITS Conference on improving wellbeing while avoiding dangerous climate change, Lisbon, November 7-9, 2023.
24	Sousa, C., Fontes, M. & Bento, N. (2023). Transformative mechanisms in decarbonization policies: a structured approach. IAEE 2023 - The Global Energy Transition Toward Decarbonization: a multi-scalar perspective and transformation .
25	Bento, N. (2023). Digital convergence and sharing in consumer goods—Social and technological innovations can improve wellbeing for all with less emissions . 2023 Annual EDITS Conference on improving wellbeing while avoiding dangerous climate change, Lisbon, November 7-9, 2023.
26	Bento, N. (2022). History repeating? On evidence-based transition strategies for hydrogen innovations. DK Final Workshop CLIMATTERS, University of Graz, Austria, online, February 3.
27	Sousa, C., Trindade, P., Fontes, M., Bento, N., Mamede, R.P., Ribeiro, R....Santos, I. (2022). Mercado da Contratação pública de inovação em Portugal. Lecture series of 2022, LNEG, April 11, Lisbon.
28	Trindade, P., Sousa, C., Bento, N., Fontes, M., Mamede, R.P., Ribeiro, R....Santos, I. (2022). Benchmarking innovation procurement in Portugal. 5th European Conference on Sustainable and Innovative Public Procurement, 5-6 May, Lisbon.
29	Bento, N. (2022). Transforming Energy Services to Limit Global Warming to 1.5°C. Conference Perspectives for short food supply chains and smart cities in a post-pandemic world, ESCS-IPL & CML.
30	Costa, E., Bento, N. & Fontes, M. (2022). From sustainability transition to system transformation:aElements for a conceptual framework of transformative change. Workshop Sus2Trans.
31	Bento, N. (2022). Dificuldades e inquietações na gestão de dados de investigação: testemunhos. International Open Access Week: Open for Climate Justice, Iscte Biblioteca, Iscte, Lisbon.
32	Bento, N. (2022). Processes in the decline of technological innovation systems. Seminar on Sustainable Transitions of the Doctoral Program in Development Studies (ISEG, IGOT, ICS, ISA), IGOT, Lisbon.
33	Bento, N. (2022). Technological policy and industrial strategy: the case of marine renewable energies. Interdisciplinary Seminar, Master (MSc) in Governance and Sustainability of the Sea, ISCTE, Lisbon .
34	Barbosa, J., Fontes, M. & Bento, N. (2022). Assessing the industrial effects of the deployment of renewable energy technologies: when product identity matters. Proceedings of the 2022 DRUID Conference .

35	Bento, N. (2022). The potential of digitalization and sharing in consumer goods to ensure decent living standards and reduce carbon emissions. 6th Workshop of DINÂMIA'CET-IUL "Dinâmicas Socioeconómicas e Territoriais Contemporâneas", Lisbon, April 11-12.
36	Bento, N., Fontes, M., Barbosa, J. & Mamede, R.P. (2021). Challenges and opportunities of decarbonization for the economic recovery post-pandemic: The question of directionality in innovation policies. Conferência Entre Transições, 40 Anos do DINÂMIA'CET-Iscte, Lisboa, June 1-2, 2021.
37	Bento, N., Fontes, M., Barbosa, J. & Mamede, R.P. (2021). Challenges and opportunities of decarbonization for the economic recovery post-pandemic: The question of directionality in innovation policies. 12th International Sustainability Transitions Conference 2021, Karlsruhe, October 5-8, 2021.
38	Bento, N. (2021). Our Planet Calls - Don't Stay Neutral!. European Researchers' Night Sci Cli, Lisbon, September 24, 2021.
39	Bento, N. (2021). COP 26 - The urgency of the transition and responses from research. Round table, Science and Technology Week, ISCTE, Lisbon, November 22, 2021.
40	Bento, N. (2021). Greenwashing in Climate Action. Workshop on Sustainability, Associação de Estudantes da Faculdade de Ciência da Universidade do Porto.
41	Bento, N. (2021). Diffusion of innovations and decarbonization. Interdisciplinary Seminar, Master (MSc) in Political Economy, ISCTE, Lisbon, Mars 9, 2021.
42	Bento, N. (2021). The Transformative Potential of Ocean Energy Technologies—New insights. Interdisciplinary Seminar, Master (MSc) in Governance and Sustainability of the Sea, ISCTE.
43	Sousa, C., Bento, N., Mamede, R.P., Trindade, P., Fontes, M., Ribeiro, R....Santos, I. (2021). Mercado da Contratação pública de inovação em Portugal. Apresentação dos resultados do Estudo Desenvolvido pelo Dinâmia'cet-Iscte e LNEG para a Agência Nacional de Inovação (ANI), ANI, Lisboa, October 6, 2021.
44	Barbosa, J., Bento, N. & Fontes, M. (2021). From Products to Energy Transition: available knowledge and readiness for transformation in the economy. 5th Annual Conference of the Portuguese Association of Energy Economics (APEEN), online from Lisbon, January 20-21.
45	Bento, N., Nuñez-Jimenez, A. & Kittner, N. (2021). Processes in the decline of technological innovation systems. 12th International Sustainability Transitions Conference 2021, Karlsruhe, October 5-8, 2021.
46	Bento, N. & Fontes, M. (2020). Diffusion of energy technology innovations in Portugal and perspectives for decarbonization. MISTRAL European research consortium webinar.
47	Bento, N. & Fontes, M. (2020). Diffusion of energy technology innovations in Portugal and perspectives for decarbonization. P2M 1st Webinar on CO2 capture and utilization: insights from academia and industry.
48	Bento, N., Fontes, M. & Barbosa, J. (2020). Inter-sectoral relations to accelerate technological innovation systems formation: determinants of actors' entry into marine renewable energy technologies. 11th International Sustainability Transitions Conference, August 16-21. - Times Cited Google Scholar: 1
49	Gianfrate, G. & Bento, N. (2020). Determinants of internal carbon prices . 3rd Global Research Alliance for Sustainable Finance and Investment Annual Conference, Columbia University.

50	Bento, N., Fontes, M., Fontes, M. & Barbosa, J. (2020). How innovation attract innovators: insights from 20 years of marine renewable energy technologies in Portugal. 5th Workshop of DINÂMIA'CET-IUL "Dinâmicas Socioeconómicas e Territoriais Contemporâneas.
51	Bento, N. (2020). Transforming Energy Services to Limit Global Warming to 1.5°C. IoT for Smart Cities Summer School 2020, October 23.
52	Bento, N. (2020). Diffusion of innovations and decarbonization. Interdisciplinary Seminar, Master (MSc) in Economics, ISCTE, Lisbon, October 6.
53	Markard, J., Bento, N., Kittner, N. & Nuñez-Jimenez, A. (2020). Destined for decline? Examining nuclear energy from a technological innovation systems perspective. Eu-SPRI Conference Replacement Event 2020, Panel: How are technologies abandoned?.
54	Bento, N. (2019). The Transformative Potential of Ocean Energy Technologies. Interdisciplinary Seminar, Master (MSc) in Governance and Sustainability of the Sea, ISCTE, Lisbon, November 28, 2019.
55	Markard, J., Bento, N., Kittner, N. & Nuñez-Jimenez, A. (2019). Consequences of acceleration: Is nuclear energy in a stage of global technology decline. 10th International Sustainability Transitions Conference.
56	Bento, N., Fontes, M. & Andersen, A.D. (2019). Unleashing the transformative potential of transitions: context, complementarities and competition. 10th International Sustainability Transitions Conference.
57	Markard, J. & Bento, N. (2019). Accelerating transitions – new challenges and lessons for research. The Network of Early Career Researchers in Sustainability Transitions, 4th NEST Conference. - Times Cited Google Scholar: 1
58	Fontes, M., Marques, T.S., Sousa, H., Sousa, C. & Bento, N. (2019). Global emergence of new technologies: a dynamic analysis of territorial knowledge communities and relational proximity in wave energy. Regional Studies Association (RSA) Annual Conference 2019, "Pushing Regions beyond their Borders.
59	Bento, N. & Fontes, M. (2018). Recovery after disappointment: a policy perspective. 9th International Sustainability Transitions Conference.
60	Bento, N. (2018). A Low Energy Demand Scenario for Meeting the 1.5°C Target and SDGs— A Perspective on Mobility. Encontro Ciência'18 – Encontro com a Ciência e Tecnologia em Portugal, Ministério da Ciência, Tecnologia e Ensino Superior, Centro de Congressos de Lisboa, Lisboa, Julho 2-4, 2018.
61	Bento, N., Gianfranco Gianfrate & Aldy, J. (2017). Determinants of Internal Carbon Pricing and Corporate Climate Change Strategy. 4th Meeting on Energy and Environmental Economics.
62	Fontes, M., Fontes, M., Sousa, C. & Bento, N. (2017). Experimental projects as learning settings for system building in sustainability transitions: The case of marine renewable energies. 8th International Sustainability Transitions Conference.
63	Fontes, M., Fontes, M., Bento, N., Karadzic, V. & Tiago Santos Pereira (2017). Co-evolutionary dynamics of policy and advanced energy system development. 3rd Workshop of DINÂMIA'CET-IUL "Dinâmicas Socioeconómicas e Territoriais Contemporâneas.
64	Bento, N., Wilson, C. & Anadon, L.A. (2017). Conceptualizing the Temporal and the Spatial Dynamics of Formative Phases. 2017 APEEN (Associação Portuguesa de Economia da Energia) Annual Conference.

65	Bento, N., Wilson, C. & Anadon, L.A. (2017). Conceptualizing the Temporal and the Spatial Dynamics of Formative Phases. 8th International Sustainability Transitions Conference.
66	Bento, N. & Wilson, C. (2016). Preparing New Energy Technologies for Growth: Formative processes and durations. Proceedings of the Energy Economics Iberian Conference, Lisbon, 4-5 February, 2016.
67	Bento, N. (2016). Developing low-carbon innovations to address climate change: Analysis of hypes and investments in hydrogen cars. International Summer School on Diagnostics and Fault Tolerant Control of Fuel Cells - FCT2016, University of Technology of Belfort-Montbéliard, Belfort, July 8, 2016.
68	Bento, N., Wilson, C. & Anadon, L.A. (2016). Time to get ready: Conceptualizing the temporal and the spatial dynamics of formative phases for energy technologies. ETH Academy on Sustainability and Technology, Zurich, 17-22 June, 2016. & 2nd Workshop of DINÂMIA'CET-IUL "Dinâmicas Socioeconómicas e Territoriais Contemporâneas", Lisbon, 24 & 27 June, 2016.
69	Bento, N. (2015). Preparing new energy technologies for take-off: Duration and drivers of the formative phase. Science, Technology, and Public Policy Program (STPP) and Environment and Natural Resources Program (ENRP) Seminar, Belfer Center for Science and International Affairs, Harvard Kennedy School.
70	Bento, N., Fontes, M. & Fontes, M. (2015). Direction, Legitimacy and Structuration in Technological Innovation Systems Upscaling—Insights from roadmaps for deepwater offshore wind energy. 6th International Sustainability Transitions Conference.
71	Sousa, C., Bento, N., Fontes, M. & Fontes, M. (2015). Dynamics of knowledge production and technology diffusion across countries: Insights from the emergence of wind energy technology. 1ª Workshop of DINÂMIA'CET-IUL "Dinâmicas Socioeconómicas e Territoriais Contemporâneas".
72	Bento, N. & Fontes, M. (2014). The Construction of a New Technological Innovation System in a Follower Country: Wind Energy in Portugal. DRUID conference.
73	Sousa, C., Bento, N. & Fontes, M. (2014). Dynamics of knowledge production and technology diffusion: insights from the emergence of wind energy. 15th International Conference of the International Joseph A. Schumpeter Society.
74	Marques, V.M., Costa, P.M. & Bento, N. (2014). Dealing With Technological Risk in a Regulatory Context: The Case of Smart Grids. 7 th Annual Competition and Regulation in Network Industries Conference.
75	Bento, N. & Wilson, C. (2014). The Emergence of Energy Technologies: A Quantitative Approach. 5th International Sustainability Transitions Conference.
76	Sousa, C., Bento, N. & Fontes, M. (2014). Dynamics of knowledge production and technology diffusion across countries: insights from the emergence of wind energy technology. 26th EAEPE Conference.
77	Bento, N. & Fontes, M. (2013). Spatial diffusion and the formation of local institutional capacity: The case of wind energy in Portugal. 4th International Conference on Sustainability Transitions.
78	Bento, N. & Fontes, M. (2013). A capacidade de adopção das inovações energéticas em Portugal: Evidência histórica e perspectivas para o futuro. XV Congresso de Gestão de Tecnologia Latino-Iberoamericano - ALTEC 2013. - Times Cited Google Scholar: 1
79	Marques, V.M., Bento, N., Costa, P.M. & Cunha, M. (2013). Smart Grids Regulation as a Corporate Governance Paradox. Conference on Corporate Governance, in Network Industries.

80	Bento, N., Fontes, M. & Fontes, M. (2013). Lessons learnt from the adoption of wind energy in Portugal: formation of local absorptive capacity and legitimacy. Conference STS Perspectives on Energy.
81	Bento, N., Marques, V.M. & Costa, P.M. (2013). The “Smart Paradox”: Stimulate the deployment of Smart grids with effective regulatory instruments. 1st International Congress on Energy & Environment: bringing together Economics and Engineering.
82	Bento, N. (2008). The uncertainties of the hydrogen infrastructure investment in a liberalized market. 31st International Association for Energy Studies (IAEE). - Times Cited Google Scholar: 1
83	Bento, N. (2008). Les incertitudes relatives à l’investissement en infrastructures pour l’hydrogène. Student section of the French Energy Economists Association Conference.
84	Bento, N. (2007). Prospects for the hydrogen transition based on the network economic approach: Insights from the electricity and gas experience in Europe. 4th European Congress on Economics and Management of Energy in Industry. - Times Cited Google Scholar: 2
85	Bento, N. (2007). La transition vers l’économie hydrogène : une approche d’économie de réseau. Les enseignements de l’expérience des industries électrique et gazière en Europe. Student section of the French Energy Economists Association Conference. - Times Cited Google Scholar: 3

- Conference paper not in proceedings

1	Costa, E., Fontes, M. & Bento, N. (2023). Transformative Business Models for Decarbonization. 18th European Conference on Innovation and Entrepreneurship.
2	Bento, N., Fontes, M. & Costa, E. (2022). From sustainability transitions to system transformations—Towards a theory of transformative change. 13th International Sustainability Transitions Conference 2021, online, November 21-25.
3	Bento, N. (2022). L’histoire se répète-t-elle ? Leçons des transitions technologiques passées et des faux-départs de l’économie de l’hydrogène. Journée Hydrogène, Université de Belfort, Belfort, France, June 30, 2022.
4	Bento, N. (2022). Promoting better lives is good for climate: Potential co-benefits of digital convergence and sharing in consumer goods. Resources For the Future RFF - European Institute on Economics and the Environment CMCC - Energy Demand changes Induced by Technological and Social innovations project network EDITS, online event, July 5, 2022.
5	Bento, N. & Gianfranco Gianfrate (2018). Creating legitimacy for climate accounting in business: determinants of internal carbon pricing. 4 ^o Workshop DINÂMIA’CET-IUL: Dinâmicas sócio-económicas e territoriais.
6	Bento, N. & Fontes, M. (2018). The process of recovery after hype and disappointment. 4 ^o Workshop DINÂMIA’CET-IUL: Dinâmicas sócio-económicas e territoriais.
7	Bento, N., Sousa, C., Fontes, M. & Fontes, M. (2016). Dynamics of knowledge creation and market formation in energy technology innovation systems. 7th International Sustainability Transitions Conference.

8	Bento, N. (2015). The Diffusion of Mobile Phones and Its Effects in Energy Demand: Key Trends, Power Needs and Impacts for the Future. <i>Dinâmicas Socioeconómicas e Territoriais Contemporâneas</i> .
9	Marques, V.M., Bento, N. & Costa, P. M. (2015). Regulating natural monopoly under uncertainty: the case of smart grids. 12th International Conference on the European Energy Market. 1-24

• Other Publications

- Working Papers

1	Bento, N. & Fontes, M. (2021). Legitimacy and Guidance in Upscaling Energy Technology Innovations. Working Papers DINÂMIA'CET. - Times Cited Google Scholar: 4
2	Bento, N., Fontes, M. & Fontes, M. (2017). Direction and legitimation in system upscaling - planification of floating offshore wind. Working Papers do DINÂMIA'CET- IUL.
3	Sousa, C., Bento, N., Fontes, M. & Fontes, M. (2014). Dynamics of knowledge production and technology diffusion: insights from the emergence of wind energy. DINÂMIA'CET Working Paper. - Times Cited Google Scholar: 1
4	Bento, N. (2014). Dealing with Technological Risk in a Regulatory Context: The Case of Smart Grids. <i>Estudos do GEMF</i> . - Times Cited Google Scholar: 1
5	Bento, N. (2013). Mechanisms that accelerate the diffusion of renewable technologies in new markets: Insights from the wind industry in Portugal. Working Papers do DINÂMIA'CET, ISCTE-IUL. - Times Cited Google Scholar: 7
6	Bento, N. (2009). La transition vers l'hydrogène est-elle bloquée par un verrouillage technologique au profit des énergies fossiles . - Times Cited Google Scholar: 9
7	Bento, N. (2008). La transition vers l'économie hydrogène: une approche d'économie de réseau - Les enseignements de l'expérience des industries électrique et gazière en Europe. - Times Cited Google Scholar: 3

- Other publications

1	Bento, N., Fontes, M., Mário Vale, Sousa, C., Ribeiro, R. & Alves, T. (2024). Strategies of Decarbonization for a Sustainable Future - Policy Brief. Sus2Trans project.
2	Bento, N., Fontes, M., Sousa, C., Barbosa, J., Aguiar, M., Santos, H....Sá Marques, T. (2022). Policy Brief: Aumentar os impactos transformadores das inovações sustentáveis - evidência das tecnologias de energia renovável marinha. Policy Brief do Projecto OceanTrans.
3	Bento, N., Wilson, C., Benigna Boza-Kiss & Arnulf Grubler (2019). Transforming the energy system and organizational behavior to limit global warming to 1.5°C. [Invited] Economic Seminar series of the Center for Economic and Finance at University of Porto (cef.UP).
4	Bento, N. (2018). Mobility patterns in a low energy demand scenario for meeting the 1.5°C Target. [Keynote] Seminário de Mobilidade Eléctrica, Escola Superior de Tecnologia e Gestão de Viseu, Instituto Politécnico de Viseu, Maio 15, 2018.

- Master's Dissertation

1	Bento, N. (2005). Developing a European gas network in a new liberalized context.
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- Doctoral Thesis

1	Bento, N. (2010). La transition vers une économie de l'hydrogène : Infrastructures et changement technique. - Times Cited Google Scholar: 12
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- Report

1	Volker Krey, Arnulf Grubler, Bento, N., Benigna Boza-Kiss, Felix & Alessio (2021). Upstream Sector Implications of Demand-side Transformations: The Case of Materials (LED-MAT).
2	Sousa, C., Bento, N., Santos, I., Fontes, M., Fontes, M., Trindade, P....Alves, T. (2021). Mercado da Contratação Pública da Inovação em Portugal . - Times Cited Google Scholar: 3
3	Bento, N. (2018). Relatório Final de Actividades da Bolsa de Pós-doutoramento: A capacidade de adopção de inovações energéticas em Portugal: Evidência histórica e perspectivas para o futuro.
4	Bento, N. (2014). Final Report: RITE-IIASA Collaborative Study on Lessons learned from technology diffusion in the past for future scenarios-integrating the influence of costs, size and market characteristics into Integrated Assessment Models.
5	Bento, N. (2014). Formative Phase Lengths for a Sample of Energy Technologies Using a Diverse Set of Indicators. IIASA Interim Report IR-14-009. - Times Cited Google Scholar: 2
6	Bento, N. (2013). New Evidences in Technology Scaling Dynamics and the Role of the Formative Phase. IIASA Interim Report IR-13-004. - Times Cited Google Scholar: 17
7	Bento, N. (2012). Historical diffusion of mobile phones and its impact on energy demand: Findings and Outlook. IIASA Interim Report IR-12-007. - Times Cited Google Scholar: 6
8	Bento, N. (2012). Electrical Revolution: Causes and consequences of the diffusion of electric bicycles in China. IIASA Interim Report IR-12-006.

Research Projects

Project Title	Role in Project	Partners	Period
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EDITS (Energy Demand changes Induced by Technological and Social innovations) Project (stage 4)	Global Coordinator	DINAMIA'CET-Iscte (IL) - Leader	2025 - 2026
EDITS (Energy Demand changes Induced by Technological and Social innovations) Project - stage 3	Principal Researcher	DINAMIA'CET-Iscte (IL) - Leader, RITE - Leader (Japan), IIASA - Administrative Coordinator (Austria)	2023 - 2024
Trailblazing Inclusive, Sustainable and Resilient Cities	Researcher	Iscte - Leader, TH KOLN - (Germany), LAUREA - (Finland), UNI EIFFEL - (France), UNIZA - (Slovakia)	2023
The ability to adopt energy innovations in Portugal: Historical evidence and future perspectives	Global Coordinator	DINAMIA'CET-Iscte (IL)	Since 2022
EDITS (Energy Demand changes Induced by Technological and Social innovations) Project - stage 2	Principal Researcher	DINAMIA'CET-Iscte (IL) - Leader, RITE - Leader (Japan), IIASA - Administrative Coordinator (Austria)	2022 - 2023
EDITS (Energy Demand changes Induced by Technological and Social innovations) Project	Principal Researcher	DINAMIA'CET-Iscte (IL) - Leader, RITE - Leader (Japan), IIASA - Administrative Coordinator (Austria)	2021 - 2022
Mercado da contratação pública de inovação em Portugal	Researcher	DINAMIA'CET-Iscte (IL) - Leader, LNEG - (Portugal)	2021 - 2022
Sustainable Transformative Transitions (Sus2Trans)— Conciliate Accelerated Low Carbon Transitions with System Transformations	Principal Researcher	DINAMIA'CET-Iscte (IL) - Leader, IGOT - (Portugal), IESCIDL - (Portugal), IPV - (Portugal), LNEG - (Portugal)	2021 - 2024
Nuno Bento - 'Norma Transitória' Individual Project	Global Coordinator	DINAMIA'CET-Iscte (IL)	2018 - 2022
Ocean energy technologies transformative potential	Researcher	DINAMIA'CET-Iscte (IL), LNEG - Leader (Portugal), UP - (Portugal)	2018 - 2022

Multi-sectoral approaches to Innovative Skills Training for Renewable energy And social acceptance	Co-supervisor of a PhD student	CIS-Iscte (PsyChange), THE QUEEN'S UNIVERSITY OF BELFAST - Leader (United Kingdom), UNEXE - (United Kingdom), UNIVERSITAET ST. GALLEN - (Switzerland), UCC - (Ireland), DANMARKS TEKNISKE UNIVERSITET - (Denmark), IZES GGMBH - (Germany)	2018 - 2022
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Academic Management Positions

Membro (2022 - 2025) Unit/Area: Comissão Científica
Membro (Docente) (2019 - 2022) Unit/Area: Plenário da Comissão Científica
Membro (2019 - 2022) Unit/Area: Comissão Científica

Awards

Honorable mention (Menção Honrosa) for the second-best paper published in 2022 by the scientific journal Finisterra "Sectoral and territorial effects of experimenting in early phases of energy innovations: lessons from 20 years of marine renewable technologies in Portugal," co-authored with Margarida Fontes and Mariana Aguiar. (2023)
Iscte R&D Awards 2022 for the publication of three articles in international academic journals of the first quartile (Q1): €1 906,80. (2023)
Scientific award ISCTE-IUL 2021 for the publication of four articles in Top 5% ranking international academic journal: €2,562. (2022)
Scientific award ISCTE-IUL 2020 for the publication of one article in Top 5% ranking international academic journal: €1,600. (2021)
Scientific award ISCTE-IUL 2019 for the publications of four articles in international academic journals, three of which in Top 5% ranking journals: €6,730.1 (2019)
Scientific award ISCTE-IUL 2017 for the publications of three articles in international academic journals of the first quartile, one of which in a Top 5% ranking journal, €8,321 (2017)
Scientific award ISCTE-IUL 2016 for the publications of three articles in international academic journals of the first quartile, €3,450 (2016)
Scientific award ISCTE-IUL 2015 for the publication of the paper "The "Smart Paradox": Stimulate the deployment of Smart grids with effective regulatory instruments" in the journal Energy, €3,508.77 (2015)

Research Networks

Research Network Name	Representative Role	Period
EDITS - Energy Demand changes Induced by Technological and Social innovations project network	Membro participante	Since 2021

Professional Associations

Sustainability Transitions Research Network (STRN) (Since 2016)
Portuguese Energy Economics Association (APEEN) (Since 2015)
International Association for Energy Economics (IAEE) (Since 2012)

Organization/Coordination of Events

Type of Organization/Coordination	Event Title	Organizer	Year
Member of scientific event's organizing committee	Between Transitions: 40 Years of DINÂMIA'CET: Retrospectives - Transversalities – Perspectives	Dinâmia'Cet_Iscte	2021
Member of scientific event's organizing committee	5th Workshop of DINÂMIA'CET-IUL "Dinâmicas Socioeconómicas e Territoriais Contemporâneas"	DINÂMIA'CET	2020
Coordination of non-scientific event	International Conference "Challenges of the Rapid Decarbonization"	DINÂMIA'CET e Universidade Católica Portuguesa	2018
Member of scientific event's organizing committee	International Workshop "Climate Strategies post-COP21 and Sustainable Economies in Europe", Florence	Aspen Institute Italia, Harvard Kennedy School e Ministério Italiano do Meio Ambiente, Terra e Mar	2016
Member of scientific event committee	9th International Conference on the European Energy Market - EEM12 », Florence	Florence School of Regulation	2012
Member of scientific event's organizing committee	World Meeting on the Participatory Democracy, Valence & Lyon	Rhone-Alpes Region (France).	2007

Diffusion Activities

Activity Type	Event Title	Activity Description	Year
Coordination of knowledge diffusion event	Round table "Challenges of the Rapid Decarbonization: Implications for Portugal", ISCTE-IUL, Lisbon, March 15, 2018	It presents in first hand the results of the investigations on the type of energy technologies that can be disseminated with the scale and speed needed for a drastic reduction of the emissions by 2050. Discussion about the implications of decarbonization for Portugal.	2018

Scientific Editing/Reviewing Activities

Type of Activity	Journal Title	ISSN/Quartile	Period	Language
Member of scientific journal editing staff	European Journal of Innovation Management	1460-1060 / Q2	Since 2017	English