



António B. Moniz, is emerited professor at Universidade Nova Lisbon, Nova School of Sciences and Technology (Portugal) where he coordinated the PhD programme on Technology Assessment (2009-23) and was invited senior researcher at ITAS-Karlsruhe Institute of Technology (2011-19). He is member of the RC23 Research Committee on Sociology of Science and Technology (2014-2027) of ISA-International Sociological Association, and a member of the "Topic group on ethical, legal and socio-economic issues (ELS)" both from euRobotics. He's also founder of the Observatory of Technology Assessment (OAT) of CICS.NOVA centre, Portugal (2015), and coordinated the national Agenda of Research & Innovation on "Work, robotization and employment qualification in Portugal" (Ministry of Science and Technology). Was elected to the Scientific Council of the Nova School of Sciences and Technology (2020-25).

Was also Visiting Researcher at the Fraunhofer Institut für Systemtechnik und Innovationsforschung (ISI-FhG, from 2002 to 2004), and Visiting Scholar at the Brown University, Providence, Rhode Island (1999), at ISM Vilnius (Lithuania) and at the School of Labour Studies of McMaster University (Hamilton, Ontario) in Canada (2017), and Université de Lorraine (Nancy, France) in 2023. He is founding member of the APS-Portuguese Association of Sociology.

His research interests are Sociology of Technology, Sociology of Work and Employment, and Technology Assessment.

Recent projects:

- 2026-06 to 2030-07 **PEGASUS - Piloting European Green Air Mobility and Services for Urban Societal Readiness**, European Commission (Brussels, BE). GRANT_NUMBER: HORIZON-CL5-2025-04-D6-11 101270568
- 2025-02 to 2026-07 **IN&OUT of the BOX - Exploring Emerging Technologies and Future Skills in the Creative Industries**, Fundação para a Ciência e a Tecnologia (Lisbon, PT) GRANT_NUMBER: 2023.15112.PEX. URL: <https://outofbox.fcsh.unl.pt/>
- 2024-11 to 2026-09 **Metallica - Promoting Employee Involvement In Dispute Prevention and Resolution in the Face of the Restructuring Taking Place Due to the Twin Transition in Europe's Metal Sector**, European Commission (Brussels, BE) GRANT_NUMBER: SOCPL-PJG 101189570, URL: <https://metallica.sfmmpodkrepaprojects.com/>
- 2024-04 to 2026-04 **iMET: Innovating social dialogue and collective bargaining toward artificial intelligence in the METAL Industries**, DG EMP European Commission (Brussels, BE)
- 2023-11 to 2025-06 **CERP: Collective bargaining and environmental responsibility – Challenges and perspectives for transport and public sector**, DG EMP European Commission (Brussels, BE)
- 2022-11 to 2024-10 **Exploring the contribution of social dialogue and collective bargaining in the promotion of decent and productive telework in the post-COVID-19 scenario (TWING)** European Commission (Brussels, BE) GRANT_NUMBER: SOCPL-PJG 101052332 <https://twingproject.eu/>
- 2021-01 to 2024-12 **SOLSTICE - Sodium-Zinc Molten Salt Batteries for Low-cost Stationary Storage**, European Commission (Brussels, BE) GRANT_NUMBER: HORIZON LC-BAT-8-2020 963599, URL: <http://www.solstice-battery.eu>
- 2021-2023 Portuguese research project **INTELIART-"Artificial Intelligence: Effects on work and employment in Portugal"**, Santander/NOVA Collaborative Research Award 2019-2020. <https://www.unl.pt/en/news/general/know-winners-santandernova-collaborative-research-award-2019-2020>
- 2020-2022, European research project **"WORK-LIFE BALANCE -Role of collective bargaining in shaping work-life balance in public service sector - challenges and perspectives"**, funded by the European Commission Employment and Social Innovation (EaSI) Programme, Grant Agreement no. VP/2019/004/0009. <https://co-bargaining.eu/en/main>
- 2020-2022, European research project **"INVOLVE-Involving social partners in dual VET governance: exploring the contribution of social partners in the design, renewal and implementation of dual VET"**, funded by European Commission Employment and Social Innovation (EaSI) Programme, Grant Agreement no. VP/2019/004/0015. <https://involveproject.eu/2020-2022>,

- European research project **“METALWORKERS4.0 - High skills of employees as a measure for high adaptability of enterprises to technological changes”**, funded by European Commission, Grant Agreement no.: UDA-POWR.04.03.00-00-0117/18-00. <https://metalowcy.eu/en/project/>
- 2019-2021, European Project **“CROWDWORK-Finding new strategies to organize in Europe”**, funded by European Commission Employment and Social Innovation (EaSI) Programme, Grant Agreement Ref. VS/2019/0086. <https://crowd-work.eu/>
- 2018-20, European research project **“DEEP VIEW-Exploring the contribution of social dialogue and collective bargaining in the promotion of decent and productive virtual work”**, funding from the European Commission Employment and Social Innovation (EaSI) Programme, Grant Agreement no. VP/2018/0047. <https://www.deepview-eu.org>

Published a book on robotics and work (*Robótica e Trabalho: o futuro hoje*, Lisbon, Glaciart/FLAD, 2018). Other recent publications:

- Goštautaitė, B., I. Liubertė, T. Reay, I. Bučiūnienė, M. D. Blaževičius, and A. Moniz (2026). [“Matilda is Lazy Today”: How Mind Perceptions Trigger Relational Job Crafting With Industrial Robots](#). *Group & Organization Management*.
- Moniz, A. B., M. Candeias, and N. Boavida (2025). [Digitalisation from logistics to assembly lines: applications in the Portuguese automotive sector](#). *Int. J. Automotive Technology and Management* 25: 274-296.
- Moniz, A. B. (2025) [From Industry 4.0 Onward: Is There a Need for “Industry 6.0”?](#) In *From Industry 4.0 to Industry 6.0*, edited by Carolina Machado and Paulo J. Davim, 1-20. Hoboken: Wiley.
- Moniz, A. B., and B.-J. Krings (2024). [Assessing technologies in industrial production: from old to recent controversies](#). In *Handbook of Technology Assessment*, edited by Armin Grunwald, 151-161. London: Edward Elgar.
- Candeias, M., and A. B. Moniz (2024). [Public policies for Industry 4.0: some lessons from the Portuguese case](#). *International Journal of Automotive Technology and Management* 24: 144-168.
- Moniz, A. B., N. Boavida, B.-J. Krings, P. Sanz de Miguel, and C. Makó (2023). [Digital labour platforms: Representing workers in Europe](#). Lisboa: Humus/CICS.NOVA.
- Moniz, A. B., M. Candeias, and N. Boavida (2022). [Changes in productivity and labour relations: artificial intelligence in the automotive sector in Portugal](#). *Int. J. Automotive Technology and Management* 22: 222-244.
- Moniz, A. B., and B.-J. Krings (2022). [“Manufacturing Life” in Real Work Processes? New Manufacturing Environments with Micro and Nanorobotics](#). *NanoEthics* 16, 115–131
- Krings, B.-J., A. B. Moniz, and P. Frey. Technology as enabler of the automation of work? Current societal challenges for a future perspective of work. *Revista Brasileira de Sociologia* 9 (2021): 206-229
- El-Haouzi, H., E. Valette, B.-J. Krings, and A. B. Moniz (2021). [Social Dimensions in CPS & IoT Based Automated Production Systems](#). *Societies* 11: 98.
- Baumann, M., M. Weil, J. Peters, A. B. Moniz, and N. C. Martins. [“A review of multi-criteria decision making approaches for evaluating energy storage systems for grid applications”](#). *Renewable and Sustainable Energy Reviews* 107 (2019): 516-534.
- Versteeg, T.; Baumann, M.; Weil, M.; Moniz, A. [Exploring emerging battery technology for grid-connected energy storage with constructive technology assessment](#). *Technological Forecasting and Social Change* (2017)115, S. 99-110
- Krings, B., and A. Moniz. [Robots Working with Humans or Humans Working with Robots? Searching for Social Dimensions in New Human-Robot Interaction in Industry](#). *Societies* 2016 (2016): 23.
- Moniz, A., and K. Okuwada. [Technology Assessment in Japan and Europe](#). Karlsruhe: KIT Scientific Publishing, 2016.

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