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Academic teacher and researcher in recycling and circular economy. Director of the Institute of Transport at the Poznań University of Technology since January 1, 2020. Previously, she was the Head of the Department of Transport Systems at the Faculty of Transport Engineering. In the 2022–2025 term, she serves as a member of the General Council of Science and Higher Education in Poland.

She holds a Master of Science in Economics from the Poznań University of Economics, obtained in 1999 from the Faculty of Management (International Economic and Political Relations). She further pursued the European Master's in Management program at ESCP-EAP École Supérieure de Commerce de Paris. She earned a PhD in Transport Ecology at the Poznań University of Technology and a habilitation in Transport Systems at the Warsaw University of Technology. She was awarded the title of Professor of Technical Sciences in December 2016.

Her professional experience includes working in multinational corporations in the automotive and transport sectors, including Renault SAS, Bergerat Monnoyeur Manutention, and Raben Logistics. Since 2005, she has been a researcher and academic teacher at the Poznań University of Technology, currently holding the position of Professor.

Her research focuses on the organization of end-of-life vehicle recycling networks and sustainable transport system modeling. Her most significant academic achievement is the development of an original mathematical modeling methodology for designing and restructuring recycling infrastructure, along with an innovative framework for assessing the efficiency of vehicle recycling networks.

Her academic contributions include over 190 publications (including 8 books and monographs), participation in 160 conferences, symposia, and seminars, 10 patents, and engagement in more than 100 research and industry projects.

Member of the Scientific and Advisory Board of Metro Warszawskie and the Monitoring Committee for the European Funds for Smart Economy in Poland. She has previously served on the Scientific Councils of the Institute of Logistics and Warehousing in Poznań, the Motor Transport Institute in Warsaw, and the Łukasiewicz Research Network – Rail Vehicle Institute "Tabor" in Poznań. She is an expert for the Accreditation Commission of Technical Universities and an evaluator for research and innovation projects under the Smart Growth Operational Programme, NAWA, and the National Centre for Research and Development. Member of the Polish Association for Ecological Vehicles and the Automotive Recycling Forum Association.

She participates in the European networking groups WISEMob: Smart Mobility in a WISE City Approach, focused on sustainable urban transport, and ERMES – European Research on Mobile Emission Sources, supporting joint research and emission modeling in transport. Since 2024, she has been a member of the scientific group EDIT Poznań and has been admitted as a Senior Fellow at Global Urban Development (Poznań office). She is also a member of the Sustainable Development Team at the Poznań University of Technology.

Author of the curriculum for the Sustainable Transport program, launched in 2022 at the Poznań University of Technology, and has completed the Introduction to Education for Sustainable Development course organized by the Baltic University Programme Finland and Åbo Akademi University.

She has twice served as an expert in legislative work on amending the End-of-Life Vehicle Recycling Act and as a member of the Recycling Working Group established by the Ministry of the Environment.

For her scientific and research achievements, she has received numerous awards, including the National Chamber of Commerce Innovation Award, the i-Wielkopolska – Innovative for Wielkopolska competition award from the Marshal of the Wielkopolska Region, and first place in the Polish Agency for Enterprise Development competition for Innovative Project – Novel Solution.

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