



Newsletter 7

Navigating the Green Transition: Challenges and Opportunities Ahead

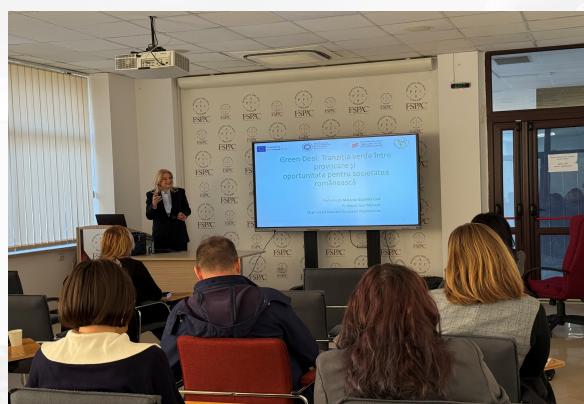
Babeş-Bolyai University (UBB) in Cluj-Napoca organised a National Round Table, *Green Deal: The Green Transition Between Challenge and Opportunity for Romanian Society*, on October 29, 2025.

The event brought together twenty-two individuals from companies, NGOs, academia, and government bodies to reflect on Romania's role in advancing the European Green Deal.

Discussions focused on national challenges such as energy dependence, regional disparities, and limited administrative capacity, as well as opportunities related to renewable energy, burgeoning green innovation, and strategic access to vital EU development funds.

A consensus emerged that deep social and economic transformation hinges on tangible action. Participants debated how strengthened local partnerships, alongside targeted education and cutting-edge research, are essential enablers.

The round table underscored that collaboration between universities, communities, and the private sector is the indispensable foundation for delivering a truly fair and effective green transition.





National Round Table in Lisbon: Raising Awareness for a Greener Future

Climate action begins with informed communities, and this idea shaped the atmosphere of the Round Table organised by the University of LISBOA on 17 October 2025.

Twenty-one participants, including academics, professionals, and civil society, including those working in the WATERIC sectors, came together to reflect on how meaningful knowledge sharing can support a more sustainable future.

Prof. Ines Pires from ULISBOA opened the event with an overview of the ANGIE project, followed by a discussion on the important role that stakeholders play in advancing green transition. From there, participants explored how climate change is already affecting communities and industries, and why coordinated action is essential for a successful green transition.

A key part of the Round Table focused on strategies for sharing trustworthy climate information, particularly through the use of ANGIE Project results developed to support academic

learning and professional training.

The event concluded with an invitation for the participants to join ongoing ANGIE webinars, where these discussions will continue and where stakeholders can remain actively involved in the project's activities.

Throughout the session, participants exchanged ideas on best practices, exchanged perspectives, and reflected on the next steps needed to strengthen green transformation in their respective fields. By fostering open dialogue and collaborative learning, the event empowered attendees to act as multipliers who spread credible information and innovative solutions within their own networks. This aligns with ANGIE's broader ambition to move climate knowledge beyond the academic sphere and support meaningful societal impact.





Sustainable Production: Artificial Intelligence and Enhanced Human-Robot Collaboration

The Polytechnic University of Bari (POLIBA) hosted a national seminar on 20 November 2025 dedicated to *Sustainable Production: Artificial Intelligence and Enhanced Human-Robot Collaboration*.

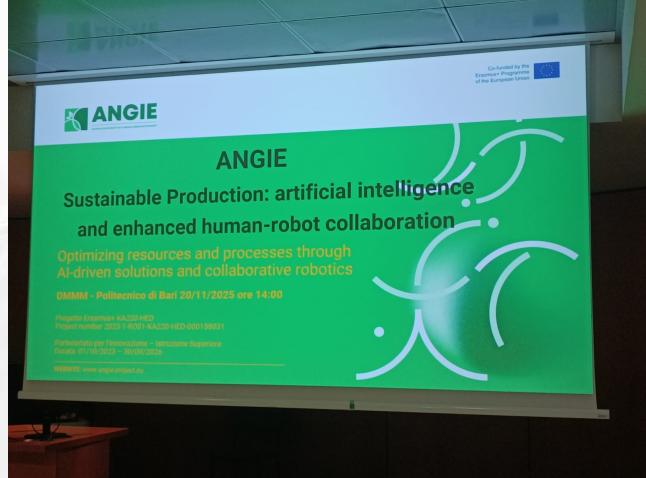
The event formed part of ANGIE's wider dissemination actions to strengthen green competencies across higher education and advance innovative methods for teaching sustainability, artificial intelligence and contemporary production systems.

During the session, Prof. Giuseppe Casalino and Prof. Nicola Contuzzi discussed how AI-driven optimisation and advanced human-robot collaboration can support more efficient,

human-centred and environmentally responsible manufacturing.

The discussion also touched on ethical AI, workplace safety and the importance of continuous learning in increasingly automated environments.

The seminar encouraged an open interdisciplinary exchange, with participants reflecting on how these themes align with the ANGIE project and their relevance to WATERIC-related sustainability challenges.





Producing Sustainability Through Education: Waste Management and Environment

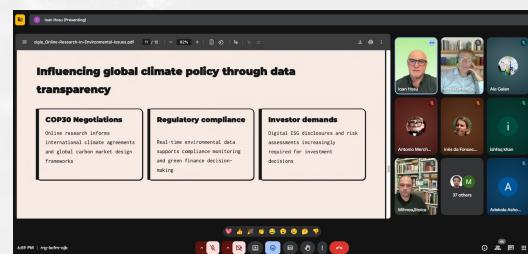
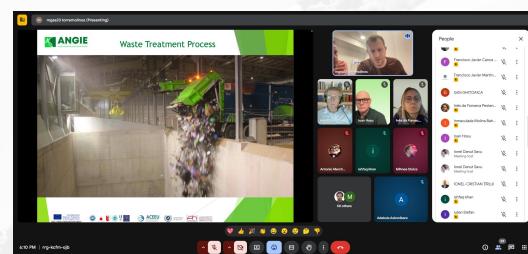
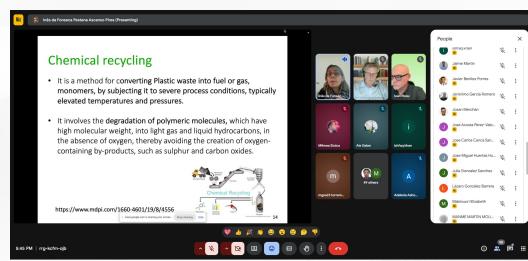
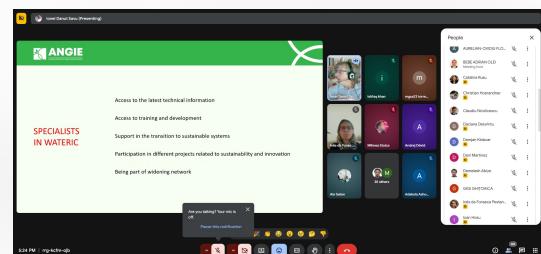
On 20 November 2025, over 60 participants joined the third webinar.

The webinar began with an overview of ANGIE and People, delivered by Prof. Danut Savu. His presentation highlighted how ANGIE strengthens cooperation among educators, specialists, and stakeholders by developing harmonised study programmes, promoting continuous training, and supporting transitions within the WATERIC sectors.

Next, Prof. Inês Pires discussed strategies for transitioning from linear production models to circular systems, emphasising smart design, sustainable manufacturing, bio-based materials, including the opportunities and limitations of current recycling technologies.

Following this, Prof. Manuel Gonzalez Sanchez and Daniel Martinez Garcia shared insights into seasonal patterns of tourism waste and the different management approaches required across peak and off-peak periods. They explained how tourism-driven regions face unique sustainability challenges, and how tailored waste-management strategies can enhance both environmental protection and community wellbeing.

Closing the webinar, Prof. Ioan Hosu introduced participants to emerging trends in online environmental research, where digital tools, big data, and real-time monitoring are reshaping how environmental decisions are made. From satellite imaging and pollutant tracking to AI-driven circular-economy insights, he illustrated how digitalisation accelerates scientific collaboration and supports policy development, climate negotiations, and corporate sustainability strategies.





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