

International Conference Academia Stands for Green Deal

AGENDA, 29-30 May 2024

Mines Nancy, Campus Artem. 92 Sergent Blandan St., Nancy, France

| <u>MAY 29</u> | |
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| 09:00-10:00 Mines Nancy entrance hall | Registration and morning coffee |
| 10:00-10:15 Amphitheatre 200 | Welcome speeches <ul style="list-style-type: none"> • Francois Rousseau, Director of Mines Nancy • Franck Muratet, Deputy Mayor of Nancy for Attractiveness, Influence, Development, Employment, and Circular Economy |
| 10:15 - 11:00 Amphitheatre 200 | Introductory speech <ul style="list-style-type: none"> • Alexandre Nomine, Chairman of Conference Scientific Committee, Mines Nancy • Janez Zavasnik, Member of Conference Scientific Committee, Jozef Stefan Institute, Slovenia |
| 11:00 - 12:30 Amphitheatre 200 | Panel Discussion: Green Deal Alliances: Academia, Industry, Policy <p>The panel discussion is designed to enhance cooperation across various sectors including research, education, business, and policy making within the EU and globally. It addresses urgent environmental challenges with the ambition of steering societies towards a climate-neutral, resource-efficient, and competitive economy by 2050.</p> <p>Building on this foundation, the panel will explore strategies for stakeholders to better understand each other's roles and regulations. This mutual comprehension is vital for advancing towards the net-zero pathway as efficiently as possible, functioning effectively as a unified team.</p> <p>Moderator: Rajarshi Rakesh Sahai, Venture Partner, Mobility Fund VC, the Netherlands</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Alessandra Hool, CEO, ESM Foundation, Switzerland • Alexandra Noirault, CEO, WEEEMET, France • Hua Shu Hsu, Professor, Dean of Research and Development Office, National Pingtung University, Taiwan |
| 12:30 - 14:00 Rooms A003/A004 | Lunch break |
| 14:00 - 15:30 Amphitheatre 200 | Panel Discussion: Circular Economy: Key Aspects and Challenges <p>The panel is designed to address the fundamental aspects and hurdles associated with transitioning towards a circular economy. It will cover topics integral to the concept of a circular economy, such as waste reduction, resource efficiency, sustainable product design, and the economic and regulatory frameworks necessary to facilitate such a transition, challenges to implementation.</p> <p>The panel is a crucial part of the broader discussion at the "Academia Stands for Green Deal" conference, highlighting the importance of collaboration between academia, industry, and policy makers to overcome these challenges and make the circular economy a reality.</p> <p>Moderator: Hani Henein, Professor, University of Alberta, Canada</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Christian Köhler, Professor, Vice Dean for Research and Development, HTW Saar, Germany • Kimberley Meszaros, Principal Engineer – Welding, InnoTech Alberta, Canada • Mika Paalanne, CEO of ELMERY Ltd, Finland • Peter Dunne, CEO of Remedy, Researcher at CNRS-IPCMS, France • Zhixue Zheng, Associate Professor, Coordinator of ANR JCJC EREMITE Project, University of Lorraine and Centrale Supélec, France |

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| 15:30 -16:00 | Coffee break |
| 16:00 - 17:30 Amphitheatre 200 | <p>Panel Discussion: Global Approaches to Green Deal</p> <p>The panel presents a global perspective on tackling environmental challenges and achieving sustainability goals. It will explore how different regions around the world are approaching the goals of sustainable development, focusing on climate neutrality, biodiversity restoration, pollution reduction, and sustainable economic growth.</p> <p>The panel is a platform for representatives from different continents to share their unique strategies, successes, challenges, and lessons learned in implementing green policies and initiatives. Topics will include renewable energy projects, conservation efforts, adaptation to climate change; technological innovations, green infrastructure, and efforts to reduce carbon emissions; legislative frameworks, and cross-border cooperation.</p> <p>Moderator: Nataliia Kuznietsova, Professor, Igor Sikorsky Kyiv Polytechnic Institute, Ukraine</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Angel Tobar, Strategic Director of University Partnerships, Epiroc, Spain • Larnston Gowera, Managing Director and Member of Board, Vision-AI.tech, The Mining Executive and MiningSight Consulting, South Africa • Rajarshi Rakesh Sahai, Venture Partner, Mobility Fund VC, the Netherlands |
| 18:00-21:00 Rooms A003/A004 | <p>Welcome Dinner (Entry is exclusive to guests with special invitations. Please check the reverse side of your participant badge for your personal invitation details)</p> <p>18:30 – 19:00 Guided tour of “Metals and Minerals in the Energy Transition” Exhibition</p> <p>Moderators:</p> <ul style="list-style-type: none"> • Olga Chernoburova, Project Manager, LabEx RESSOURCES 21 • Michel Cathelineau, Research Director at CNRS, GeoRessources Laboratory, University of Lorraine |
| <p><u>MAY 29</u></p> | |
| 09:00 - 09:30 Mines Nancy entrance hall | Registration and morning coffee |
| 09:30 - 10:45 Amphitheatre 200 | <p>Panel Discussion: Digital Skills for Green Deal</p> <p>The panel will emphasize the crucial role that digital skills play in achieving the goals of the Green Transition. It will cover several key themes and topics related to equipping the current and future workforce with the digital competencies necessary to support a sustainable and inclusive digital transition.</p> <p>Key themes will address importance of digital skills, exploration of how emerging technologies like artificial intelligence (AI) can contribute to environmental sustainability and the Green Deal's objectives, strategies for integrating digital skills related to sustainability into educational curricula, Discussion on reskilling and upskilling the workforce to meet the demands of green technologies and digital transformation in the context of the Green Deal.</p> <p>Moderator: Loick Briot, Research Engineer, Mines Nancy TechLab, University of Lorraine, France</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Dominique Chiaroni, Expert in Optical Networks, Bell Labs, NOKIA France • Francois Rousseau, Director of Mines Nancy, University of Lorraine, France • Gilles Dillen, Cleantech Industry Expert, the Netherlands |
| 10:45 - 11:15 | Coffee break |
| 11:15 - 12-30 Amphitheatre 200 | Panel Discussion: Educating for Safe & Sustainable by Design Innovations |

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| | <p>In the context of the pressing economic reality where the absence of appropriate skills can lead to economic decline, and considering the growing ecological anxiety among students, this panel is critical since it aims to tackle how academic institutions must evolve their teaching methodologies to align with the shifting economic and environmental landscape.</p> <p>The discussion will underscore the importance of equipping companies with the right talent pool that is adept in sustainable and safe design principles, addressing the direct link between skill shortages and economic performance. Furthermore, the panel will delve into strategies for mitigating ecological anxiety among students by fostering a more proactive and empowered approach to learning about sustainability.</p> <p>Moderator: Alexandre Nomine, Associate Professor, Head of Erasmus Mundus Joint Master “GREENANO”, Director of International Office, Mines Nancy, University of Lorraine, France</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Anupam Sengupta, Professor, FNR-ATTRACT Fellow, Head of Physics of Living Matter, Director of Academic Programme UG Physics, University of Luxembourg • Martin Morgeneyer, Professor, Jean Monnet Chair "Environment, Engineering, Empowerment", Université de Technologie de Compiègne, France • Sébastien Richet, Chairman, GISOC (Global Initiative to Save Our Climate), France |
| <p>12:30 - 14:00 Rooms A003/A004</p> | <p>Lunch break</p> |
| <p>14:00- 18:00 Mines Nancy main gallery</p> | <p>GreenTech Talent Mixer (see below the detailed Participation Guide) A networking hub where companies, universities, researchers, industry professionals, startups, and students converge for the exchange of ideas and the initiation of new partnerships.</p> <p>14:30 – 15:00 Guided tour of “Metals and Minerals in the Energy Transition” Exhibition</p> <p>Moderators:</p> <ul style="list-style-type: none"> • Olga Chernoburova, Project Manager, LabEx RESSOURCES 21 • Michel Cathelineau, Research Director at CNRS, GeoRessources Laboratory, University of Lorraine <p>15:00 - 17:00 Green Tech Student Challenge Moderator: Veiko Karu, Senior Project Manager for EIT R&D Projects, Tallinn University of Technology, Estonia</p> <p>16:00-16:30 Coffee Break</p> <p>17:00 - 18:00 Best Green Tech Idea Award</p> |
| <p>18:00-21:00 Rooms A003/A004</p> | <p>Cocktail and Networking (Entry is reserved for guests who will receive an additional invitation from the Organizing Committee. Invitations are forthcoming — please await further details)</p> |
| <p><u>May 31 (optional)</u></p> | |
| <p>09:00-09:30 Rooms A003/A004</p> | <p>Morning coffee</p> |
| <p>09:30-10:30</p> | <p>Guided visit to the Jean Lamour Institute</p> |

International Conference

Academia Stands for Green Deal

GreenTech Talent Mixer - Participation Guide

May 30, 14:00 - 18:00

The GreenTech Talent Mixer is a networking hub where companies, universities, researchers, industry professionals, startups, and students converge for the exchange of ideas and the initiation of new partnerships with a focus on green technology.

Companies and Startups

Participation option: Set up a dedicated booth

Companies and startups are invited to showcase their green initiatives, discover research expertise to enhance R&D, and identify the brightest engineering students for future collaborations. Participants will have the chance to set up a dedicated booth, which serves as a platform to demonstrate their commitment to sustainability and interact directly with talented individuals and potential partners.

Universities

Participation option: Set up a dedicated stand

Universities can set up dedicated stands at the event, seeking students interested in exchange or research internships and fostering collaborations with peer academics and researchers. This is an exceptional opportunity for academic institutions to highlight their programs and research projects that contribute to the green technology landscape.

Research Projects

Participation option: Set up a dedicated stand

Research projects focused on Green Deal efforts and green technologies are encouraged to participate by setting up dedicated stands. This allows researchers to display their projects, connect with potential research collaborators, and explore partnerships with the industry. The event serves as an invaluable platform for researchers to gain visibility and support for their work.

Students and Young Career Researchers

15:00 - 17:00 Green Tech Student Challenge

The Green Tech Student Challenge is highlight of the conference, designed for students and young researchers to present their GreenTech projects or innovative ideas. The challenge unfolds in several steps:

Step 1: Registration: Interested participants register on the conference website.

Step 2: Submission: Participants submit short summaries of their projects or innovative ideas which they would like to develop during the Challenge.

Step 3: Participation: During the challenge, a moderator will guide participants on their pitches preparation.

Step 4: Pitching: Participants will have 2 minutes to pitch their projects/ideas to the conference audience.

Step 5: Evaluation: Conference experts will evaluate the pitches based on potential impact and innovation

17:00 - 18:00 Best Green Tech Idea Award

The Challenge will culminate with the Best GreenTech Idea Awards, recognizing the top three pitches in the categories:

- **Business idea**
- **Scientific idea**
- **Social impact**

Winners will receive official certificates, a personal consultation with industry experts, a material prize sponsored by the Mines Nancy Foundation, and significant exposure within the GreenTech community.

Whether you're a company, startup, university, researcher, or student, this mixer offers a platform to showcase your commitment to green technology and to become part of a larger movement towards environmental sustainability.

Secure your free participation upon registration at <https://www.greenddeal.mines-nancy.eu/>