

ESEIA Lecture Series

Sustainable Energy Innovation Systems for Climate Neutrality

The 5th Lecture

Water-Energy-Food-Ecosystems in Sustainable Communities in the EU and Africa

22 June 2023, 19:00 – 21:00

ONLINE (Webex)



Invitation

[European Sustainable Energy Innovation Alliance - ESEIA](#) cordially invites you to attend the **fifth** in a series of ESEIA international lectures entitled **Sustainable Energy Innovation Systems for Climate Neutrality**.

The fifth lecture, on **Water-Energy-Food-Ecosystems in Sustainable Communities in the EU and Africa** will be delivered **online, 22 June 2023, 19.00 – 21.00 CET**.

Lecture 1: **Thomas Schauppenlehner**, University of Natural Resources and Life Sciences, Vienna

Lecture 2: **Richard Wheeler**, European Sustainable Energy Innovation Alliance

Chair: **Daniela Fuchs-Hanusch**, Urban Water Management and Landscape Water Engineering, TU Graz

Climate change and growing populations are placing additional pressure on the availability of food, energy and water especially in the Mediterranean parts of Europe and particularly in Africa, accompanied by an increased environmental footprint. The [Water, Energy, Food, Ecosystems Nexus](#) approach is key to ensuring resilient, circular and green economies and to achieving [Sustainable Development Goals](#). Our guest lecturer from BOKU will address these challenges and explain how a range of stakeholders across countries need to be engaged. He will also present “[GLOCULL: Insights into an FWE project using an urban living labs approach](#)”. In addition, the second lecturer from ESEIA will present “[WEF Nexus Innovation in Africa: the ARENA project](#)”.

Join us for this exceptional lecture! We invite you to [register](#) for onsite or online participation **before 20 June**.

More information about ESEIA Lecture Series is available at [ESEIA Lecture Series Web page](#).

If you have any question, please contact ESEIA Team: office@eseia.eu

We look forward to your participation.

Best regards,

Brigitte Hasewend
ESEIA Director

Harald Kainz
Rector TU Graz and ESEIA President



Thomas Schauppenlehner is senior scientist in the department of Landscape, Spatial and Infrastructure Sciences in BOKU. He does research in Geostatistics, Geoinformatics (GIS) and 3D Visualisation. He was taking part in the project Globally and Locally-sustainable Food-Water-Energy Innovation in Urban Living Labs ([the GLOCULL project](#)) from 2018 till 2021.



Richard Wheeler is the EU project advisor at ESEIA. He is a specialist in artificial intelligence and computer science who has worked for the World Health Organisation in Geneva. He is active in the field of sustainable technology and scientific management, acts as a vice-chair in a number of EU FP7 funding schemes and completed a book “Success with EU Proposals”.

ESEIA LECTURE SERIES

Connect, share knowledge and discuss the way forward toward a climate-neutral future.

If we want to achieve climate neutrality by 2050, we must strengthen the understanding of the challenges we face and the interdisciplinary interactions involved in engineering a successful transformation process.

Join us at the upcoming events for an opportunity to engage with leading minds from science, education and training, business, politics, media, and civil society who will share their perspectives on this topic.

You will be able to:

- Explore paths to a carbon-neutral energy system;
- Discuss the challenges and opportunities for sustainable innovation in Europe today;
- Contribute to increasing awareness of the role, everybody must play in climate change mitigation.

Key Information

Aim

The EU is at the forefront of the global energy transformation, but while it has made great strides in reducing GHG emissions, it still has much work to do to achieve climate neutrality by 2050. The new ESEIA Lecture Series aims to improve the understanding of how different societal actors can mutually influence and support each other in tackling climate change and creating a sustainable future. To do that, it will provide a platform for intensive open debate among all the attendees.

Format

The lectures will be delivered in English in a hybrid format – in person with live streaming. Each session will feature a panel of three speakers, who will present the topic and their perspectives and encourage contributions from the floor.

Upcoming ESEIA Lecture Series 2023 Autumn

- **6th Lecture:** 21 Sep. 2023, afternoon (tbc), Inffeldgasse 25D, TU Graz, **Circular BioEconomy: On the way to climate-neutrality using Bio-based Materials**, ESEIA Round Table @ EPNOE conference
- **7th Lecture:** 21 Sep. 2023, 19.00 -21.00, Aula, TU Graz, **De-Fossilization of Industry and Mobility: How can it work?**, Lecture by **Georg Brasseur**, TU Graz

Topics

- Smart energy systems for a sustainable future
- Decarbonisation of Energy-Intensive Industries (EII)
- New European Bauhaus: sustainable aesthetics in the built environment
- Sustainable mobility for urban resilience
- The social aspects of the energy transition

Target audience

This series of lectures is for everyone with existing knowledge or interest in the topic (European SMEs, local and regional governments, researchers from HEIs and ROs, post-graduate students, etc.)

Venue

Graz University of Technology, in Graz, Austria or Webex

For more information, please visit: www.eseia.eu

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