The 5\textsuperscript{th} Lecture
Water-Energy-Food-Ecosystems in Sustainable Communities in the EU and Africa
22 June 2023, 19:00 – 21:00
ONLINE (Webex)

ESEIA Lecture Series
Sustainable Energy Innovation Systems for Climate Neutrality

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

\textbf{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 (\textit{the GLOCULL project}) from 2018 till 2021.

\textbf{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”.
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.

Key Information

Topics

• Smart energy systems for a sustainable future
• Decarbonisation of Energy-Intensive Industries (EIs)
• 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

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

For more information, please visit: [www.eseia.eu](http://www.eseia.eu)