



Central-Eastern Europe workshop 5th June in Kaunas, Lithuania

The workshop will focus on the energy transition in the Central-Eastern European countries. The full-day workshop ranging from 9:00 to 17:00 will be structured in sessions, each about 1,5 h.

1. Decarbonization roadmaps for C-E Europe

Chair: Nelli Putkonen, VTT, Finland

Confirmed speakers:

Gunars Valdmanis, Ministry of Climate and Energy, Latvia (*Navigating Latvia's National Climate and Energy Plan: Insights into Planning and Performance*)

László Szabo, REKK, Hungary (*Modelling of the Hungarian energy sector in support of NECP preparation*)

Eimantas Neniskis LEI, Lithuania (*Modelling of the Lithuanian energy sector in support of NECP preparation*)

This session will critically analyze the goals and modelling approaches of National Energy and Climate Plans (NECPs) in the Central-Eastern European region, focusing on the unique attributes of each country, obstacles from plan to implementation, and differences between Eastern and Western Central Europe. Presentations of 15 minutes each will be followed by an interactive dialogue session.

2. Key challenges in energy-related modelling: where do we stand in C-E Europe?

Chair: Gustav Resch, AIT, Austria

The aim of this session, possibly held as a panel debate among experts from and outside of C-E Europe, is to shed light on key challenges in energy-related modelling, with a geographical focus on C-E Europe. Related to the above a draft list of questions that may be tackled within the session: Do these challenges in modelling differ from elsewhere in Europe? Which modelling tools are in use in C-E Europe? What are the collaboration opportunities between C-E Europe countries and with Western countries? How does the knowledge transfer to policy making work in practice?

Confirmed speakers:

Gustav Resch, AIT, Austria (*Overview on selected modelling works on renewable energies in C-E Europe*)

Arvydas Galinis, LEI, Lithuania (*Representation of RES balancing and reserve services in LEI models*)

Pintér Gabor, University of Pannonia, Hungary (*Energy potential related to PV schedule keeping*)



Maja Božičević Vrhovčak, Energy Institute Hrvoje Požar, Croatia (Challenges in energy-related modelling in Croatia)

3. Collaboration opportunities

Chair: Laurens J. de Vries, TU Delft, Netherlands

Structure:

- introduction to JP ESI research projects (high level overview, presented by a few of the present members)
- Laurens: TradeRES
- Kristina: AMIRIS
- Gustav: SECURES (Energy-Climate-Nexus)
- Discussion:
 - Areas of interest, research challenges (link to morning session)
 - Scientific expertise, available and needed
 - Identification of common interests
 - HEU Calls
 - Market uptake of renewable energy systems (Jan. 2025) (intro by Gustav)
 - Clean Energy Transition Partnership (intro by Gustav)
 - Other EU call opportunities

4. The gap between research and realization? From pilot projects to policy adoption.

Chair: Peter Breuhaus, NORCE, Norway

This session is dedicated to highlight and discuss the discrepancy between proposed concepts for integrated energy systems and the finally implemented and demonstrated solutions. While concepts are developed theoretically might the implementation suffer from issues due to regulatory boundary conditions, partner specific and individual business and plans and schedules and / or even personal preferences, especially in connection with hardware and component installation. The consideration of such issues at an early stage might pave the way for reducing the gap between research plan and concept and realization. At this session will be three examples presented, followed by a workshop and discussion on how consider the often not technical aspects at already the proposal and concept phase.

Confirmed speakers:

***Peter Breuhaus**, NORCE, Norway (Pilot installation of an integrated energy system on an island – concept and implementation)*

***Darius Milcius**, LEI, Lithuania (Building of cross-border hydrogen valley around the Baltic Sea)*

***Attila Imre**, BME/Centre for Energy Research, Hungary (Utilization of heat sources with low temperature and/or low heat flow)*

***Lilla Barancsuk**, Centre for Energy Research, Hungary*

Full programme

In addition to the C-E Europe workshop on 5th of June, you are invited to join the programme also on 3rd – 4th of June:

- 3rd June: Arrival and welcome dinner
- 4th June: EERA JP ESI and EERA JP e3s joint workshop on energy system modelling
- 5th June: EERA JP ESI C-E Europe workshop