

Greenet



The network of Horizon Europe
Cluster 5 National Contact Point.

Lithuanian Energy Institute

public R&D&I

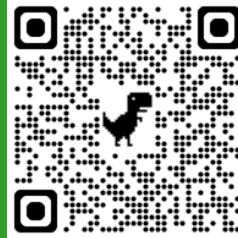
Lina Murauskaite, PhD

GREENET Brokerage Event

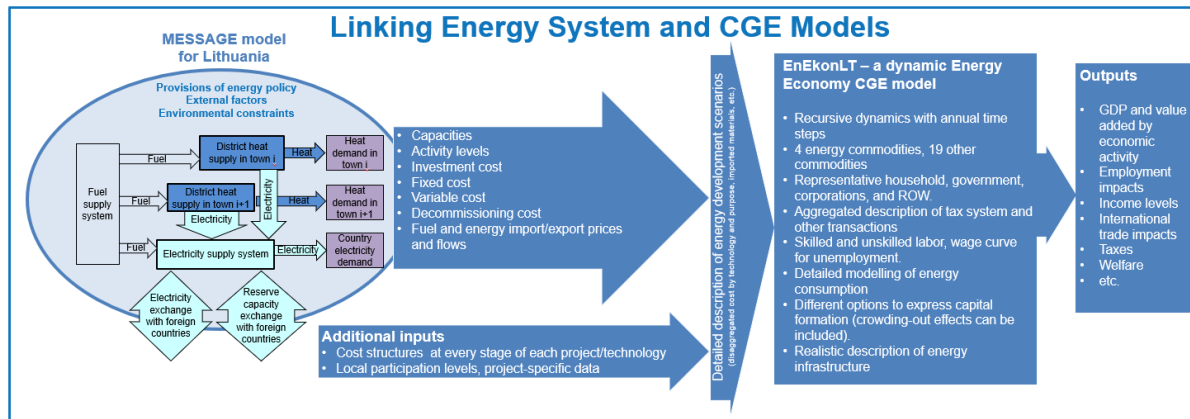
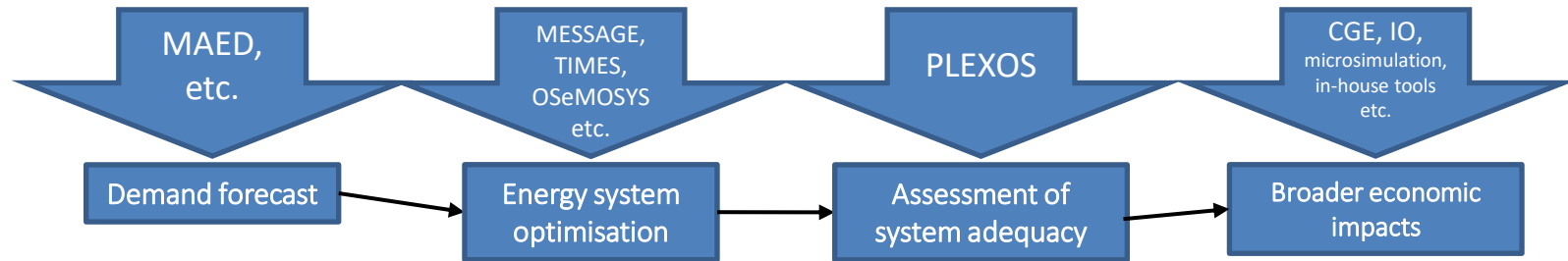
6th May 2025



The GREENET project has received funding from the EU Horizon Europe programme under Grant Agreement No 101069604



How can LEI contribute to the projects?

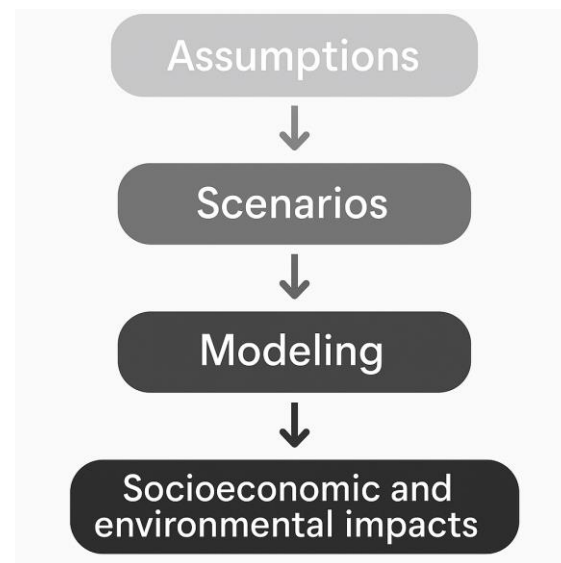


Why Lithuanian Energy Institute?

- **We can evaluate** the effectiveness of advanced and short-term adaptation strategies across various European socio-economic sectors.
- LEI can assess the effectiveness and limitations of energy sector adaptation strategies and provide Modelling of regional and sectoral practices.
- **LEI has expertise in quantitative modelling** of energy systems and adaptation strategies focusing on energy sector.
- **Experience in multi-criteria evaluation** of adaptation effectiveness and limits using economic, technological, institutional, and socio-cultural indicators.
- **Deep understanding of regional and sectoral contexts**, especially in the energy sector, enabling robust and comparable assessments across EU case studies.

Why Lithuania as a case study?

- **Strong engagement with national and EU-level policy processes**, supporting real-world applicability and policy relevance of project outcomes.
- **Established capacity for stakeholder engagement** across governance levels (local, national, regional), ensuring inclusive, socially relevant adaptation strategies.
- **Proven ability to contribute to harmonized methodologies**, including collaboration on joint deliverables and alignment with EU initiatives.

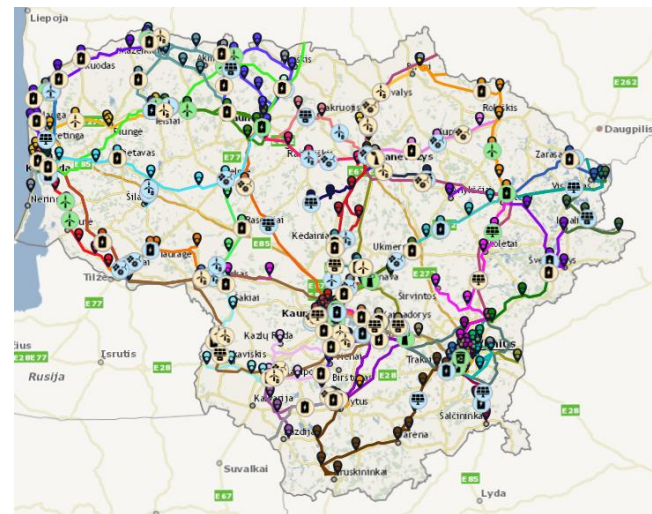


Why Lithuanian Energy Institute?

- We have a deep understanding of **energy system modelling** (more than 50 years of experience).
- **Good working relationships with key stakeholders** in the field.
- Experience in **strategic planning** from the individual company to the region.
- Leading experts in **energy security, RES integration**, overcoming financial, **technical**, and **political barriers**.

Why Lithuania as a case study?

- **Lithuania** is a small country with only two NUTS 2 regions.
- Lithuania has **pumped hydro storage** and rapidly expanding battery storage.
- A well-developed **district heating sector** and **hydrogen projects** allow to explore different sector coupling options or expand the concept of energy storage beyond electricity.
- Lithuania has one of the **best interconnections** in the EU, allowing analysis of **3 different electricity trading zones**.



Source: Litgrid

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Thank you for your attention

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