

**Interreg**  
Baltic Sea Region



Co-funded by  
the European Union



ENERGY TRANSITION

**Energy Equilibrium**

# Carbon driven energy equilibrium at the municipal scale (Energy Equilibrium)

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This project is funded with support from the Interreg BSR programme.



# Problem description and project context

- **Variability and non-controllability** of seasonally generated RES
- Daily fluctuations



**Development of sufficient energy storage infrastructure**

- **Local public authorities** encounter numerous challenges and uncertainties
- Lack of knowledge and on-site capacity



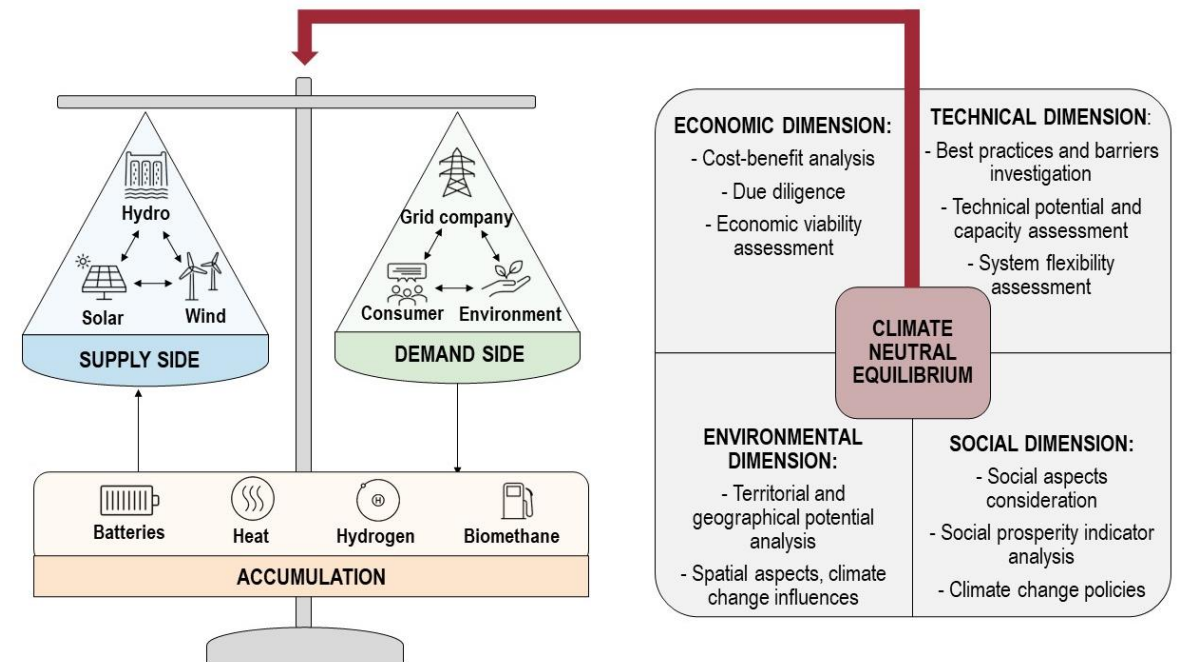
**Development of a tool to support decision making**



# **Transform RES supply potential in municipalities into reality**

# The goal of the project

This project aims to develop an **Energy Equilibrium Platform** – an interactive and easily applicable tool to support municipalities and energy suppliers in decision-making related to the development of efficient action plans to accelerate local RES utilization in the region.



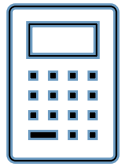
# Energy Equilibrium Platform



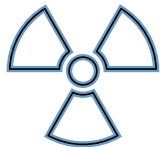
Identify optimal RES storage development strategy and impact on flexibility



Determine key factors affecting energy equilibrium in the region



Develop policy mechanisms and action plans to enhance local RES



Anticipate risks and avoid making expensive mistakes

# Contribution to the development of a carbon neutral energy system in the Baltic Sea region

## Energy strings

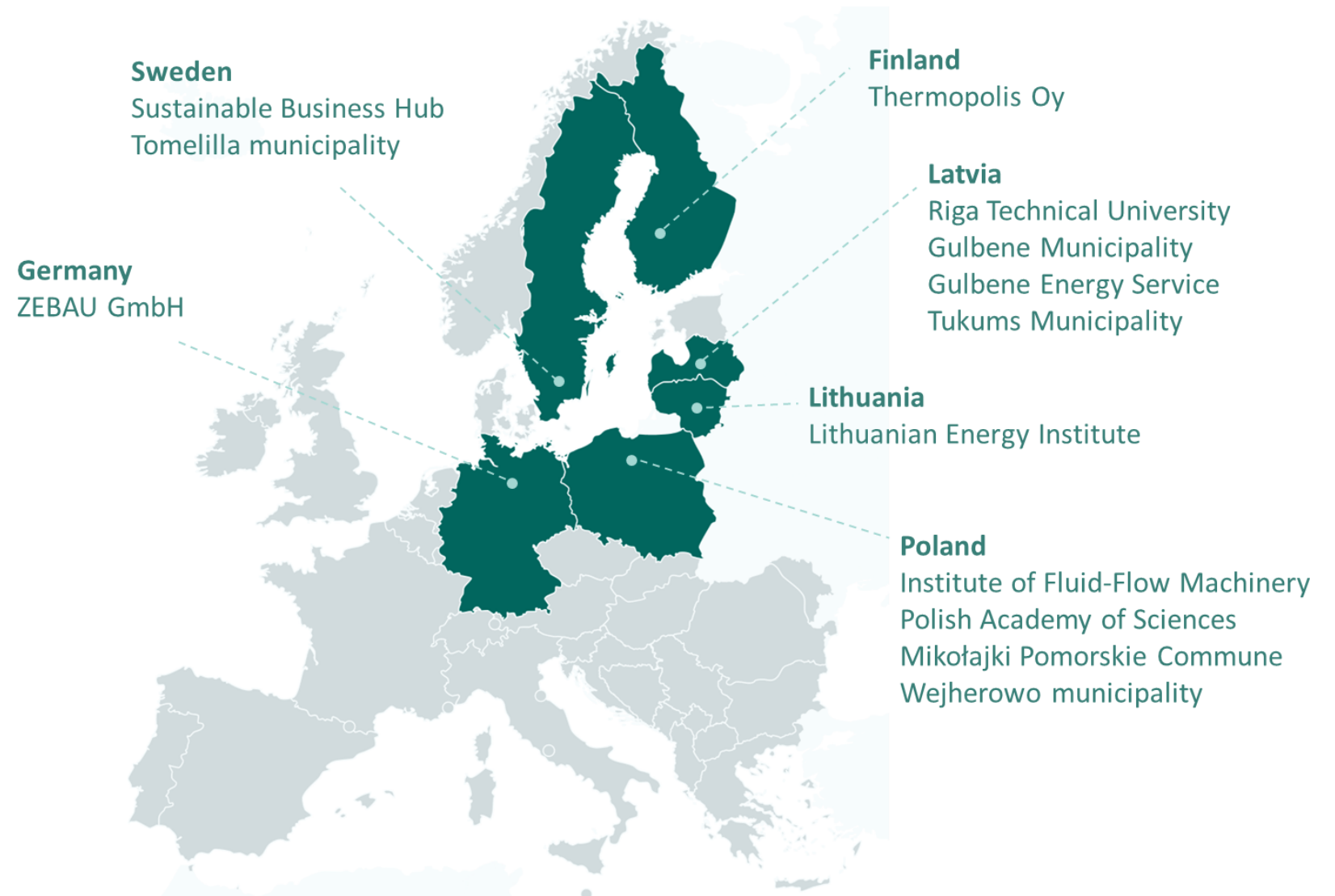
### VASAB Vision 2040

#### ***Baltic energy network of decentralised systems***

*Move towards the development of secure and decentralised energy systems and develop climate proofing energy systems across the Baltic Sea Region. Assessing the robustness of energy systems and their possible climate impacts, develop new and safer energy systems in the future, invest in renewable energies are some examples towards this direction.*

# Partnership

- **12 core partners and 3 associated partners** from 6 different countries
- **4 different fields of activity** (8 municipalities, 1 public infrastructure provider, 3 energy agencies and clusters, 3 technical research institutions)



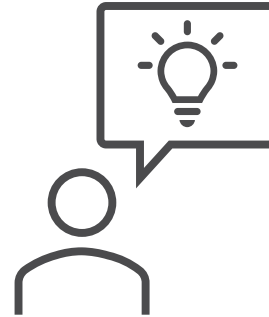
# Target groups of the project



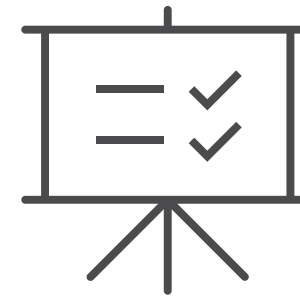
**Local public  
authorities**



**Infrastructure  
and public  
service  
providers**



**Sectoral  
agencies**



**Regional  
public  
authorities**



**Renewable  
energy  
associations**





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Project website:

<https://interreg-baltic.eu/project/energy-equilibrium/>