Interreg Baltic Sea Region

Co-funded by the European Union

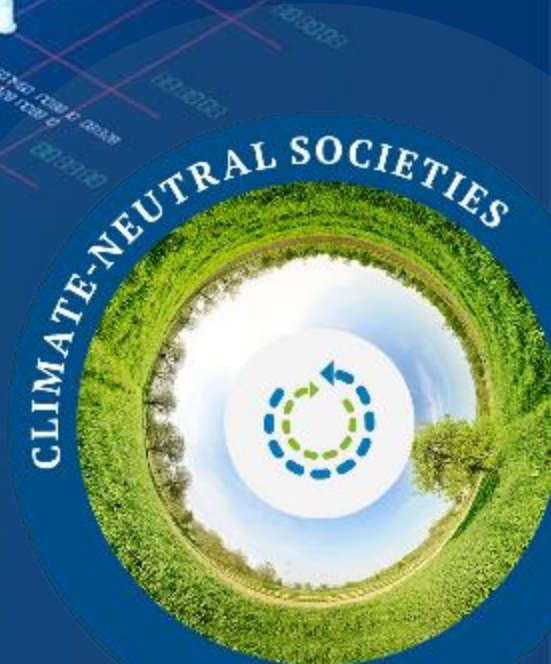
ENERGY TRANSITION
Energy Equilibrium

INVITATION

"Energy storage as a key technology for the success of the energy transition"

Hybrid discussion event by “Energy Equilibrium - Carbon driven energy equilibrium at the municipal scale”

Thursday, 25.05.2023, 9:00 to 14:00 CEST
Location: Factory Hammerbrooklyn Hamburg and online via ZOOM



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

AGENDA

- Project introduction: Energy Equilibrium
- **Keynote: Energy storage as a key technology for the success of the energy transition**
- **Presentation of PESTLE analysis results on storage solutions**
- **Role game / interactive discussion on success factors, barriers, and acceptance of different storage solutions**
- **Interactive workshop: Walking lunch and poster walk**
- Presentation of results in plenary session
- Outlook on the further project and opportunities for participation

(Detailed agenda will be sent after registration)

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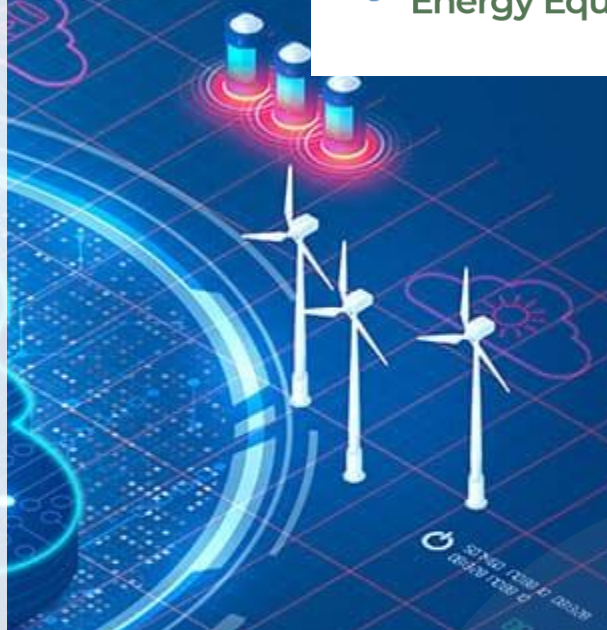

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CLIMATE-NEUTRAL SOCIETIES

Aim of the event:

A gathering of key stakeholders, including municipal representatives, energy and commodity service providers in municipalities, and energy consulting associations, is being organized to advance carbon neutrality in municipal regions. This event will initiate discussions on the social and political factors that influence municipal approval, permit issuance, and deployment of innovative energy technologies. The purpose of the event is to share knowledge and discuss obstacles associated with the development of effective policy instruments and a legal framework for the development of sufficient RES infrastructure in municipalities.

Issues to be addressed in discussion among all stakeholders:

- *Existing challenges and barriers to accelerating renewable energy deployment in the municipal regions*
- *Factors influencing decision making related to clean energy transition in municipalities*
- *Current limitations in existing national energy policies that hinder development in municipalities*
- *Experience and knowledge sharing on good practices for installed RES storage capacities in municipalities*

Target groups of the event:

- *Local public authority*
- *Infrastructure and public service providers*
- *Sectoral agencies*
- *Regional public authorities*
- *Renewable energy associations and energy consulting companies*

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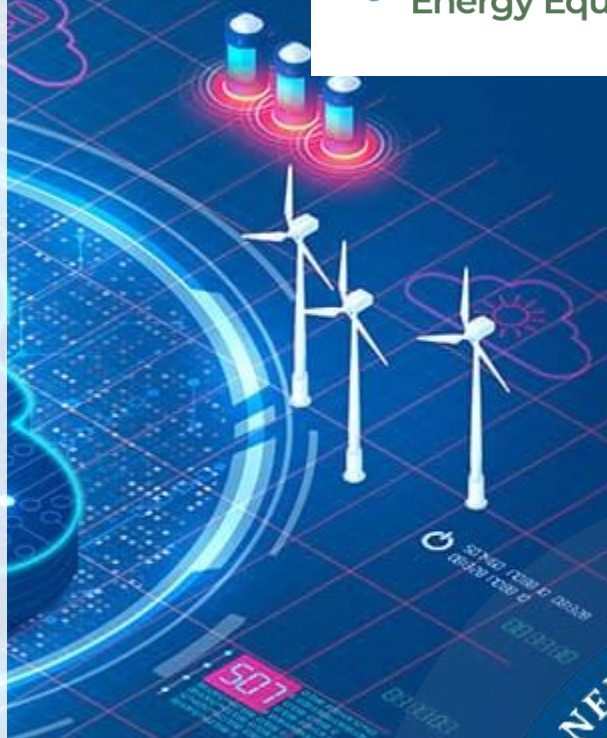

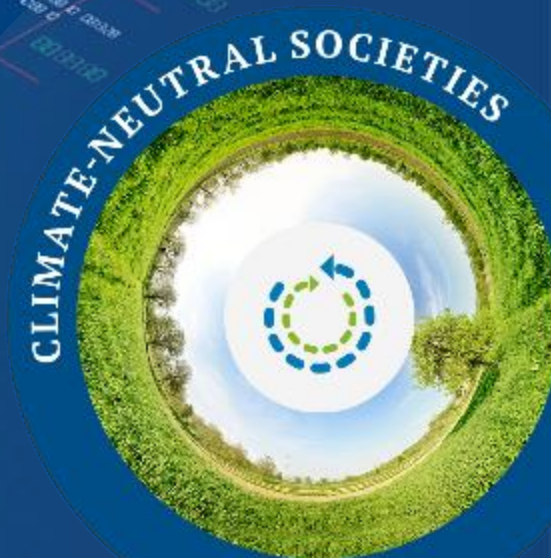

Benefits from participation in the event

Gain knowledge:

Participating in the event can help municipalities gain knowledge about the latest advancements in renewable energy technologies and policy instruments. They can learn about successful initiatives from other municipalities and apply those strategies in their own regions and practices.

Networking opportunities:

The event provides an opportunity for municipalities to network with energy consulting organizations, energy and commodity service providers, and other key stakeholders. This can help municipalities build partnerships, exchange ideas and collaborate on future projects.

Policy development:

The event aims to initiate discussions on social and political factors that influence municipal approval, permit issuance, and deployment of innovative energy technologies. Participating municipalities can contribute to these discussions and help develop effective policy instruments and legal frameworks for the development of sufficient renewable energy infrastructure in municipalities.

Transition to carbon neutrality:

Participating in the event and implementing the knowledge gained can help municipalities take steps towards achieving carbon neutrality in their regions.

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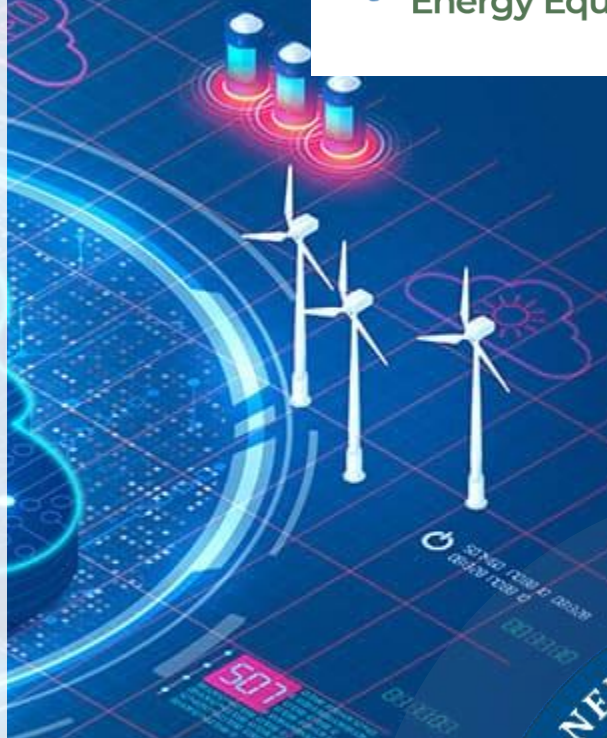

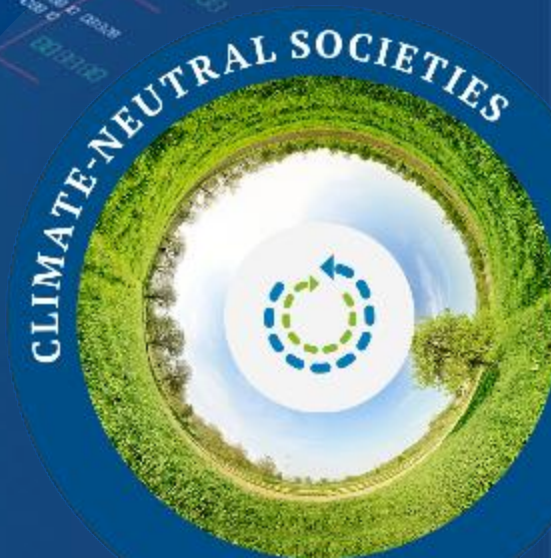

PARTICIPATION

ON-SITE:

- **Location:**
  Factory Hammerbrooklyn, Stadtdeich 2-4, 20097 Hamburg, Germany

- Registration:
  https://forms.office.com/e/zXLbXh2z7E

ONLINE:

- **via ZOOM**

- Registration:
  https://us06web.zoom.us/meeting/register/tZYlceqvpjsoHd1s25Q_nFmLEldIvzNz7uwE#/registration

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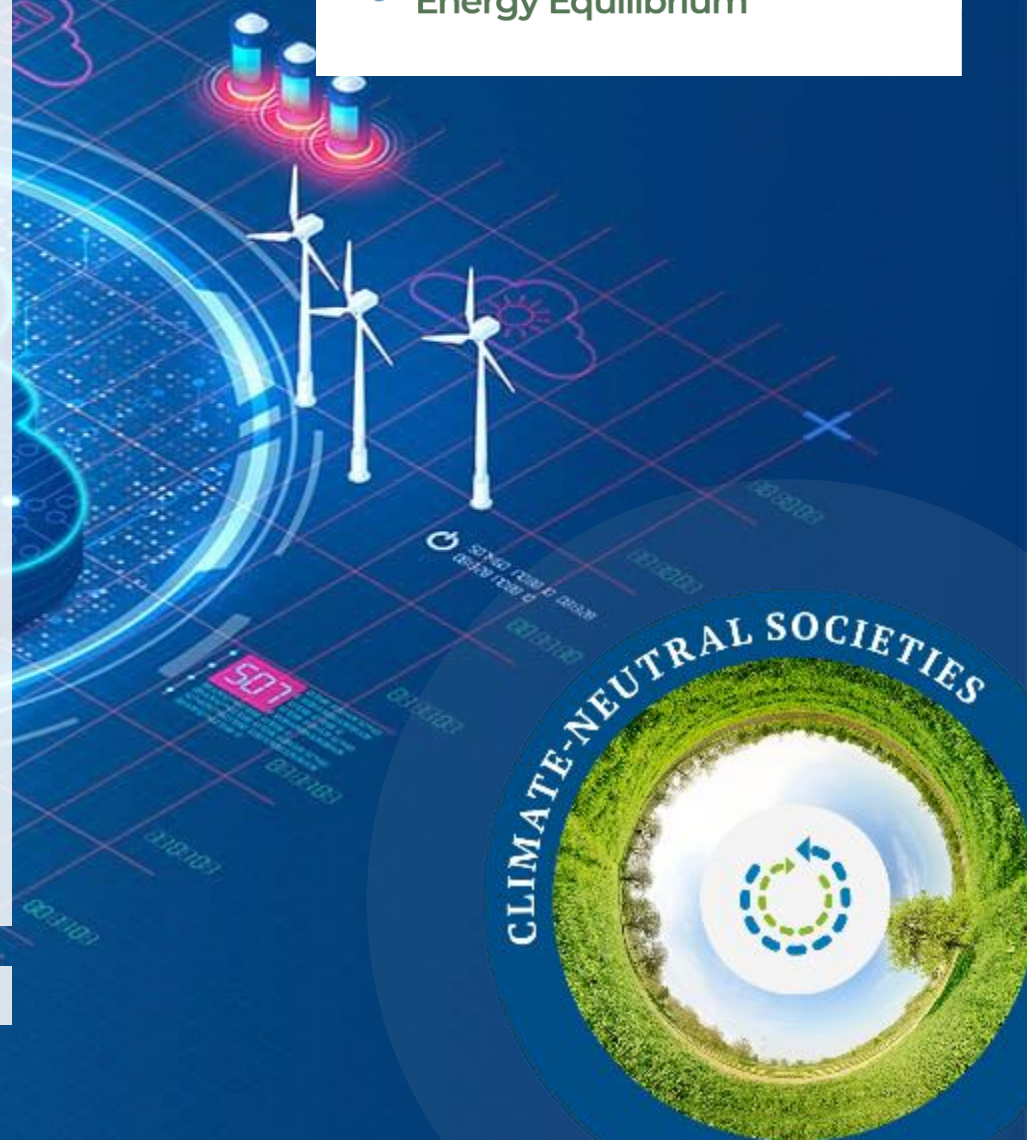

Energy Equilibrium

The project Energy Equilibrium helps public authorities and energy suppliers secure uninterrupted energy supply by developing solutions to store renewable energy.

Project summary

To compensate the variability and non-controllability of seasonally generated renewable energy (RES) (daily fluctuations in solar radiation intensity, wind speed, etc.) development of sufficient energy storage infrastructure in the regions will play a major role in transforming RES supply potential into reality. However, local public authorities that are responsible for creating an enabling policy environment for RES infrastructure development in regions encounter numerous challenges and uncertainties in deploying sufficient energy accumulation that often remain unanswered due to a lack of knowledge and on-site capacity, which in turn significantly hinders the regional path to climate neutrality. 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 will help municipalities to:

(1) Identify the most optimal RES storage development strategy and its impact on energy flexibility in the region;
(2) Help to determine the key factors affecting energy equilibrium (balance between the produced and the consumed energy) in the region;
(3) Help to develop policy mechanisms and action plans to enhance local RES in the region;
(4) Help to anticipate risks and avoid making expensive mistakes (e.g. investing in inappropriate technological solutions).

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

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