

RIPEET

Responsible energy transition



Participatory Foresight for Transformative Innovation

- Transition Labs for open, inclusive and responsible place-based innovation processes

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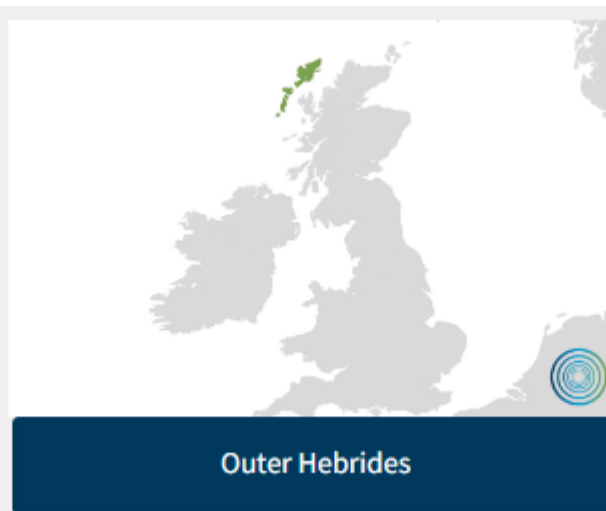


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Horizon 2020 project RIPEET



- Created a **knowledge base** on **energy transitions** in the pilot regions
- Established a new territorial **framework for transformative, needs-based energy innovation** via Transition Labs
- Generated **territorial visions** for energy transition and identified steps to reach them
- Co-created (socially or technologically) **innovative energy solutions** based on identified visions and steps
- Designed **policy mixes** in which this approach can be plugged in
- Initiated **mutal learning processes** to replicate the RIPEET approach



OSTROBOTHNIA – Transition Lab process

RIPEET Energy Vision for Ostrobothnia 2030

Decentralized energy production and consumption based on local solutions and impactful organization models ensure a high level of self-efficiency and energy equality

By 2030, we have achieved:

- Established models and networks giving local communities and citizens easy access to participate in the energy system
- Local energy solutions connected to local resources providing efficiency and resilience



Ostrobothnian RIPEET Energy Pilots

Energy Village 3.0

Ostrobothnia's smart energy villages and communities
By Aktion Österbotten (LAG)

Development and piloting of an organisational model supporting the development of smart energy village strategies based on local resources

Rural Green Transition in Ostrobothnia: Case Älvbyarna
By Novia University of Applied Sciences & Älvbyarna Village Association

Development of a calculation tool for energy use and production and a handbook on village-level energy business models

Key aspects of the Transition Lab process:

- activating the regional ecosystem to jointly formulate a vision and define innovation needs in the energy transition context
- quickly linking funding through an open call to find solutions to the outlined challenges and needs
- co-creation in the core throughout (in the process and in the funded pilots)

Participatory foresight: Insights and recommendations

Vision-building may require unlearning of current practices:

- Stakeholders' willingness to believe in new scenarios is crucial

Governance:

- It is key to have instruments to move onwards from the visioning work with concrete pilot actions
- The pilots were important for transforming from a triple to a quadruple helix approach
- The Transition Lab enables policies (funding calls, strategies etc.) with a higher granularity. It can also enable more agile actions, stronger collective motivation and give room for reflexive monitoring

New collaboration networks is an important outcome of the process

- Combination of actors with different capabilities and skills:
 - Opens up a broader portfolio of funding instrument to support the energy transition from a social perspective
 - Enables lobbying for changes in regulatory frameworks

Participatory foresight: Future needs and avenues

Transformative capacities

- Regional authorities can and should act as brokers for bringing together stakeholders (including “unheard voices”)
 - How can Transition Labs help to develop regional transformative capacities with different stakeholders?

Resource constraints and resource demanding process

- How to deal with insufficient resources available (money, people, time)?

Rigidness of governance system

- How to translate the results of bottom-up initiatives into real and tangible policy actions?

How to deal with power asymmetries?

- For local organisations and actors, the link to bigger technological organisations is often missing; funding; general bigger organisations for credibility

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