

D1. Northern Ostrobothnia

Solutions and challenges

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RURACTIVE



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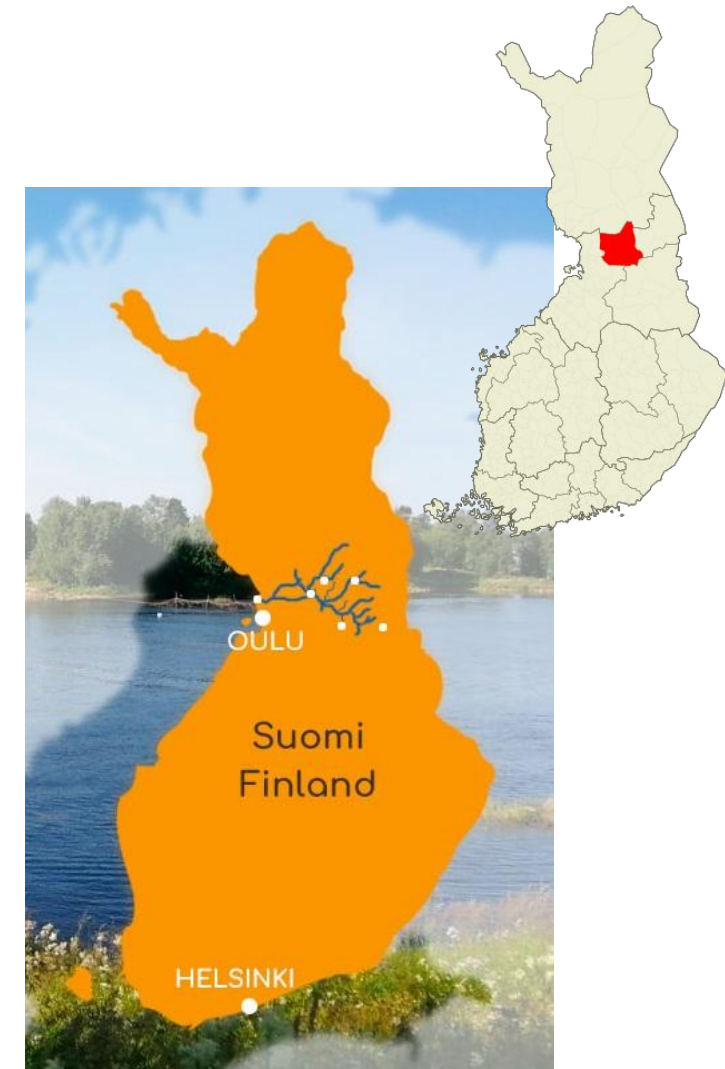
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Introduction of the Dynamo

- **Project area:** Villages around Pudasjärvi town area. (Iijoki river basin)
 - Area: 5 867,36 km²
 - Population: ~7500. Density: 1,30/km²
 - Vast rural area with remote villages around relatively urban town centre. **Active village associations.**
 - **RIE includes:** University of Oulu, Micropolis (municipal development company of Ii), Development company of Pudasjärvi, Local village associations in Pudasjärvi.
- **Pudasjärvi faces common rural challenges:** Outmigration, aging population, lack of services, pressures from green transition and restoration efforts (wind power, restoration law etc.)
- **RDD 's:** Energy transition, Nature-based and cultural tourism, Health and wellbeing. (Initially also Agrifood and agroecology)



Iijoki river area.

Source: Iijoen kalatalousalue, ijoenvesilla.fi

Solutions implemented

- **Iijoki river agreement**
 - **Carbon Exchange (Hiilipörssi) - restored bogs to create carbon sinks.**
 - **Poro-Panuma reindeer farm & tourism company**
 - **Constructed wetland of Jurvasenlampi lake**
 - **Livo school – Village house**
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- These Legs Are Made For Walking: How Finnish Reindeer Leg Skins Entered The International Shoe Business
 - Noidanlukko: Grassroots impact assessment and future alternative visions for large industrial projects
 - Tracegrow - organic fertilisers from recycled materials and industrial byproducts.
 - Arctic Warriors
 - LEADER facilitates the integration of migrants
 - Genius Loci - The local cultural heritage is presented to visitors and residents.



Identified challenges

All the dynamos' challenges relate to long distances between rural villages and their vitality, livelihoods and services:

1. Eco-social compensations for local communities impacted by large scale energy projects.
2. Lack of subsidies and organizational models to revitalize village janitor services
3. Developing and marketing new local products and improve branding of existing products and activities
4. Integrated local services and transportation logistics model
5. Sustainable, decentralized and community based small scale energy networks

