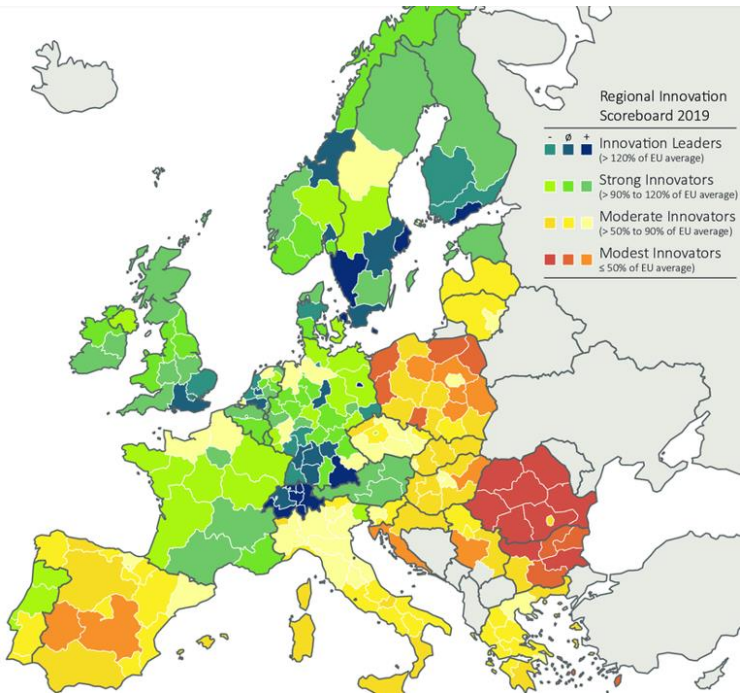


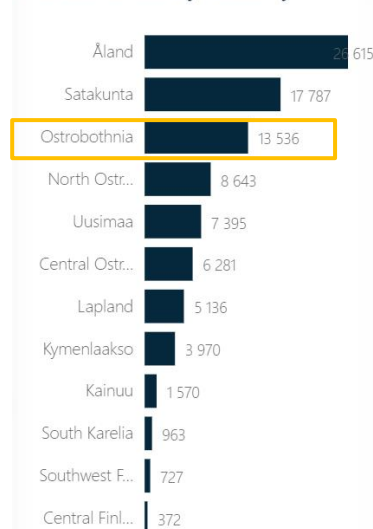
REGION OF OSTROBOTHNIA  
AND  
REDUCING RELIANCE ON  
FOSSIL FUELS



Regional Council  
of Ostrobothnia

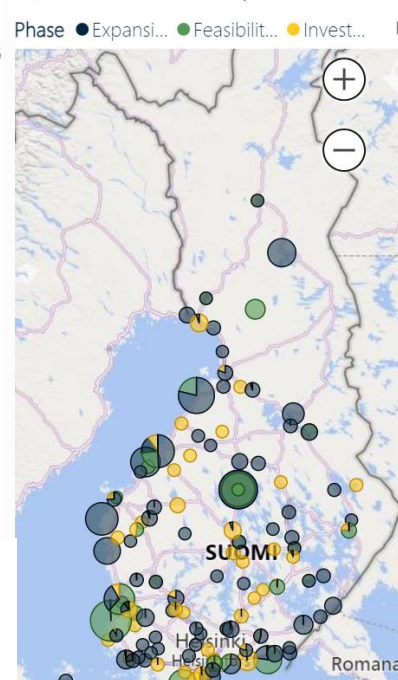


## Investments by County



Green investments in Finland  
EK – confederation of Finnish industries

## Investments on map



Ongoing projects

627 turbines

Total capacity 5 163 MW



## Our statements

"We are world leaders in several key areas..."

SMART GRID

MARINE SOLUTIONS

SUSTAINABLE ENERGY PRODUCTION

ENERGY EFFICIENCY

DIGITAL SOLUTIONS

ENERGYVAASA

## RDI co-creation



VEBIC - Vaasa Energy Business Innovation Centre



TECHNOBOTHNIA RESEARCH AND DEVELOPMENT LABORATORY



AURORA BOTNIA



SUNDOM SMART GRID



Smart Partner Campus



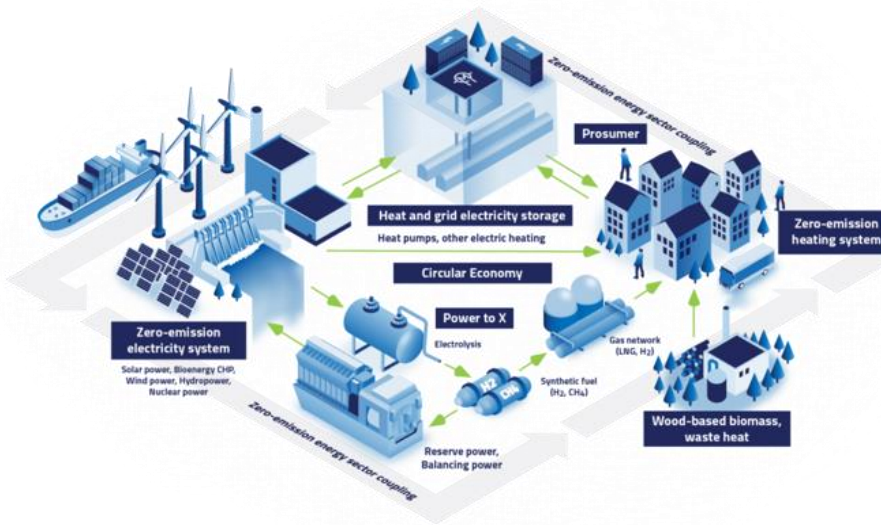
NOVIA VAMK University of Vaasa





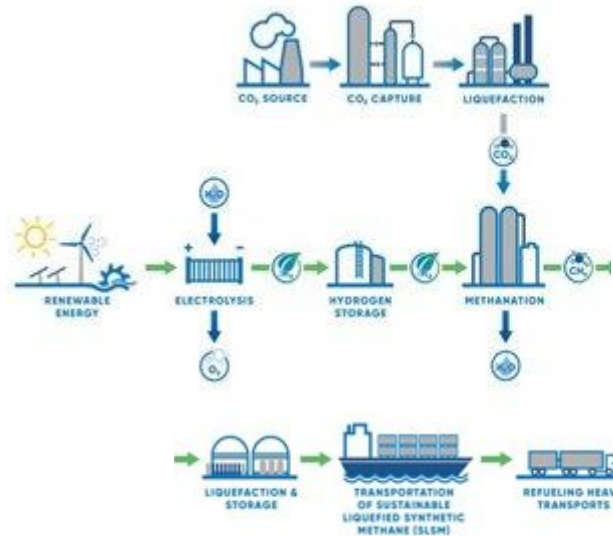
# THREE SPEARHEAD AREAS FOR DEVELOPING DEEP-TECH SOLUTIONS IN THE REGION

## System solutions for electrification



<https://www.energysampo.com/pilots/>

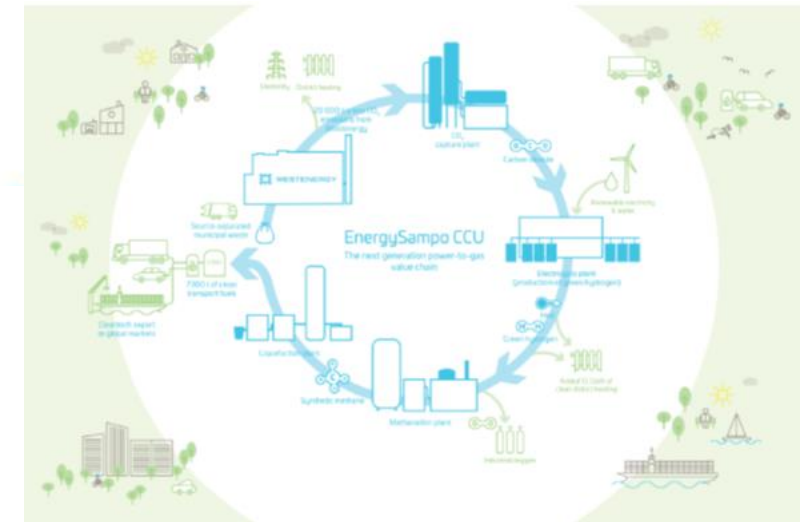
## Hydrogen & e-fuels



Koppö Energy is preparing the production of sustainable liquefied methane using renewable energy and green hydrogen. Wärtsilä Gas Solutions will be responsible for the liquefaction and storage of liquefied synthetic methane (LSM) © Andritz

<https://www.wartsila.com/media/news/15-08-2023-wartsila-to-contribute-its-liquefaction-expertise-for-major-energy-transition-project-in-finland-3309790>

## Place-based sector coupling



<https://westenergy.fi/en/energysampo-ccu-production-of-synthetic-methane-starts-at-westenergy-in-2025//>

# EXPERIENCES WITH THE REGIONAL INNOVATION VALLEYS CALL

- The deep tech angle has been central for choosing the challenge.
- Ostrobothnia belongs to the regions in Finland receiving the least financial support from cohesion policy funds.
- The region strongly encourages a model such as the one now being funded in the Horizon Europe call on interconnected RIVs, as it levels up policy support for regions, like Ostrobothnia, to move the technological frontier. Thus, the model provides a good complement to cohesion policy.
- Outsourcing the cascade funding to a regional level empowers regions and allows us to find solutions with a higher level of granularity and impact. It also strongly encourages finding new working models to orchestrate the ecosystem.
- Practical difficulties with the HE call relate to being a small NUTS 3 level region and the required co-funding.