

STRATEGY



- 📄 Attraction booster
- 📄 Coordinator of cooperation and interest monitoring
- 📄 Knowledge and competence discussion forum
- 📄 Promoter of education and innovation



Foundation of sustainable cooperation and ecosystem

Regional effects

- The main route of the energy network
- Center for research and education
- Innovative solid business foundation

Situation now

- + Combustion expert
- + Good local electricity and district heating networks
- + Leading export companies and education
- + Huge energy resources of Eastern Finland
- Defence based wind power limitations



Result goals




- Growth of know-how and exports
- Growth of employment and regional profitability
- Growth of regional investments
- Reduction of climate emissions

Goals for 2034

- Tripled energy routes through the area
- Significant energy export to Central Europe
- Double energy equipment and service exports
- Reasonable local energy prices

**Well-known, desirable
and growing cluster**

Cluster strengths/ benefits

-  Strong and smart main grid
-  Noted history of know-how
-  Continued processing development



Techniques

Circular economy

- Hydrogen
- Oxygen and heat utilization
- Carbon capture
- E-fuels
- Combustion
- Gasification

Smart energy systems

- Crisis-resistant grids
- Wind and solar power
- Energy storage