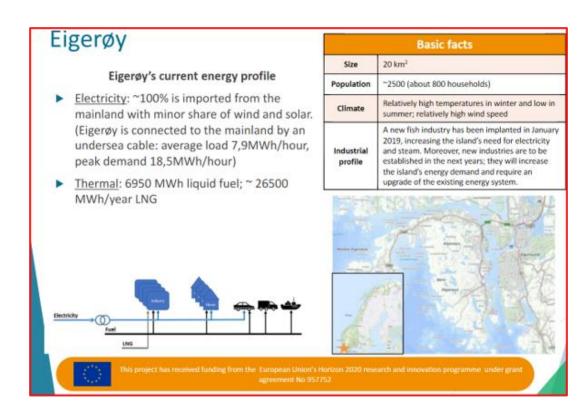






Develop an integrated energy system tailored to islands with industrial activities coupling locally available energy sources, electrical and thermal networks and innovative storage technologies, and to demonstrate it on the island of Eigerøy, Norway.

Aurelia will demonstrate the A400 running on syngas, bio-methane and H2 mix up to 30%.



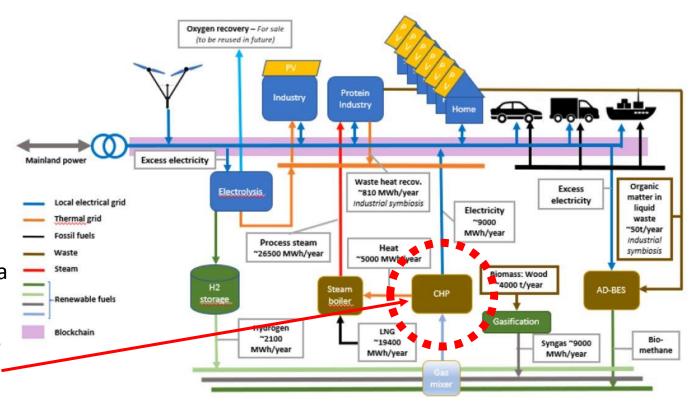
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- 400kWe electrical power & 1MWth energy
- ➤ 40% electrical efficiency
- Fuel from: wood gasification biomethane 30% hydrogen
- ➤ Low O&M...no lubricants
- Low emissions (NOx < 30ppm CO <65ppm)</p>
- CO2 abatement potential c. 1800t/a
- ➤ High availability (95%)
- > Modular



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- Localised heat & power
- Suitable for chilling & cooling
- Demand side control
- Economic cost of ownership
- Fuel flexibility creates opportunities
- Low exhaust emissions
- ➤ No liquid contaminants
- Scalable for island energy needs
- > Sustainable island energy
- Empowers island populations



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