



EIGERSUND
NÆRING OG HAVN KF

SUSTAINABLE PLACES 2022 – 9/09/22 – Nice, France

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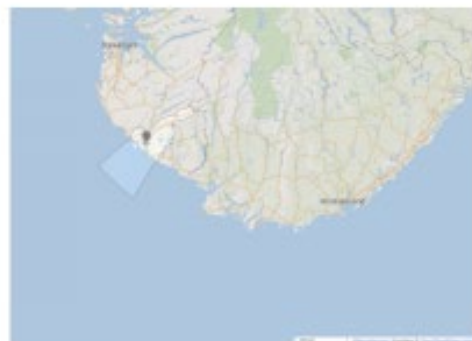
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Eigersund

About ENH (Eigersund Næring og Havn)

Our aim is to ensure that Eigersund municipality (located around 75 km south of Stavanger) has a competitive, sustainable and coordinated work towards industry



Our main topics are:

HARBOUR, TOURISM AND INDUSTRY



Norwegian climate goal

Reduction of 40% of CO2 emissions in 2030

According to the Norwegian environmental agency, Eigersund can be around 3.5 C warmer than today in 2100 (without any action)

Consequences: Flooding, destruction of fauna and flora, etc...



Eigersund in 2015 by Sem Hadland.

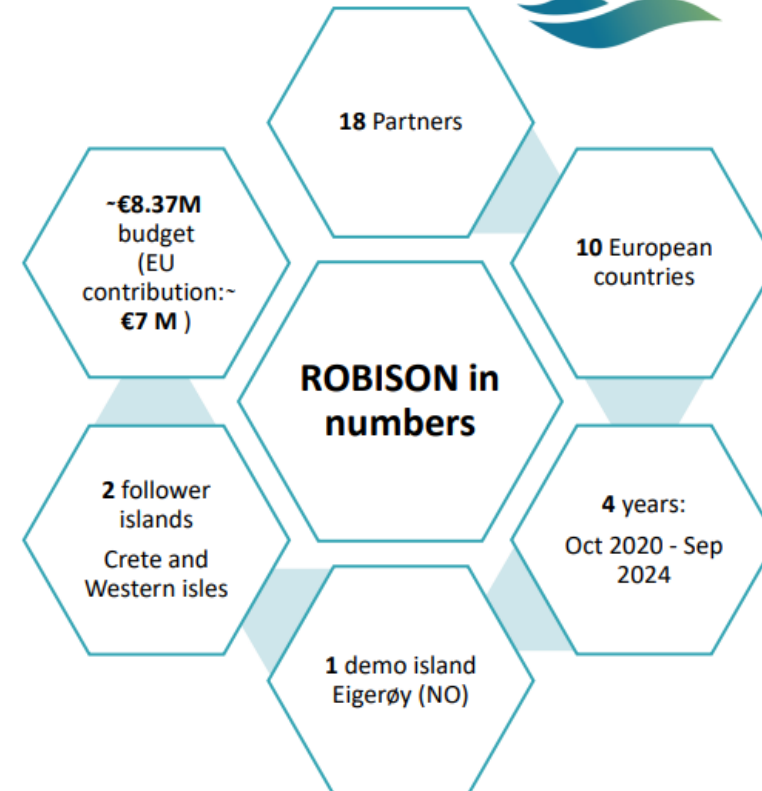
Robinson project – H2020- IA

ROBINSON in a nutshell

ROBINSON aims to help **decarbonize (industrial) islands** by developing an intelligent, robust and flexible energy management system that **integrates technologies across different energy vectors (electricity, heat and gas)**.

The ROBINSON system will be **demonstrated on the island of Eigerøy, Norway**.

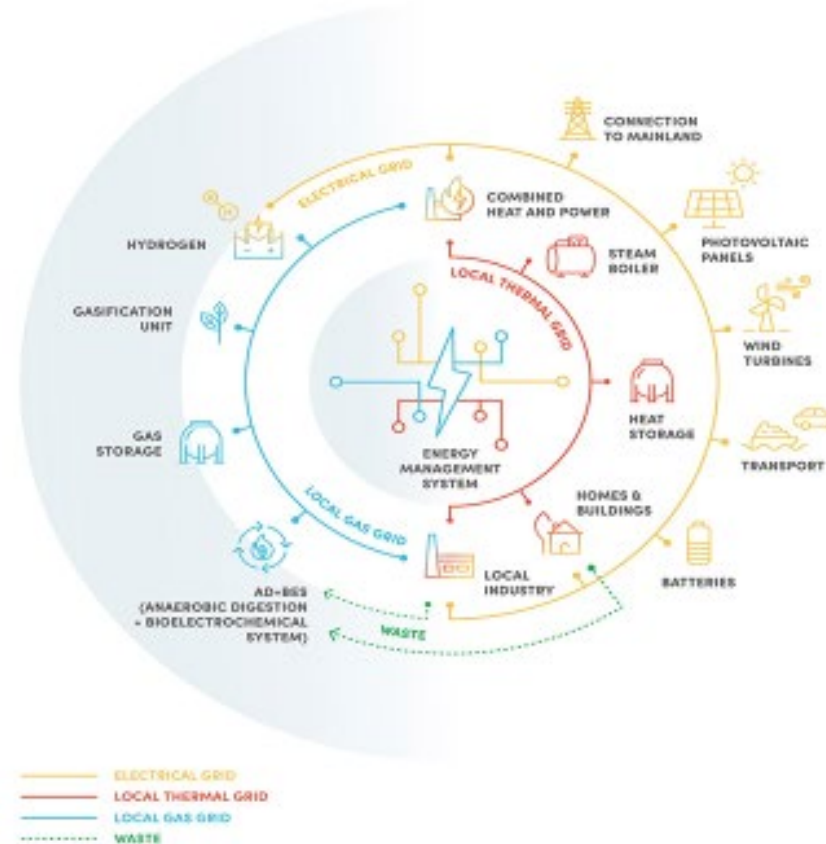
Virtual demonstrations will be conducted for **Crete (Greece) and the Western Isles (Scotland)**.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 957752

Robinson project – 2020-2024

EU H2020 project - ROBINSON



Selskapsinformasjon

- Vedtekter for Svåheia Eiendom AS
 - §3 Virksomhet
 - Selskapet virksomhet er å eie og forvalte eiendom og evt. Verdipapirer relatert til virksomhet i Svåheia i Eigersund kommune, på en forretningsmessig god måte, samt hva hermed står i forbindelse
- Aksjonæravtale
 - §2.1 « Det skal utøves aktivt eierskap – dvs. at det skal fokuseres på utleiemuligheter og annen eiendomsforvaltning som kan bidra til inntekten»



Robinson project – 2020-2024

Fact sheets

<i>• General information</i>	<i>Eigersund municipality</i>
<i>• Population -</i>	14803 inhabitants (2021)
<i>• Population Density</i>	31,4 innb/ km ²
<i>• GDP per capita</i>	9.149 EUR (2020)
<i>• Energy Needs</i>	249, 7 GW in 2020
<i>• The Pilot Area of Eigersund area in Km² -</i>	Eigersund: 429,6 Km² – Eigerøy (Robinson project 19.9 km²)
<i>• Population -</i>	14803 inhabitants (2021)

Robinson project – 2020-2024

Eigerøy



Some of our current projects

- H2020 IA – ROBINSON – Decarbonising islands - 2020

ROBINSON as accelerator

- Egersund Energy hub - 2021
- Wind training center - 2021
- H2020 - RIPEET - Community of 6 Mirror Ecosystems - 2022
- HORIZON EUROPE – CARBIOW – waste to Energy (SEAS –Svåheia Eiendom AS) – max score – EXCELLENT – 2022
- Flexifloat (requesting funding)
- Water bus (requesting funding)
- Active role in R & I funding in Norway, EU (Horizon Europe and Interreg) and other international fundings.



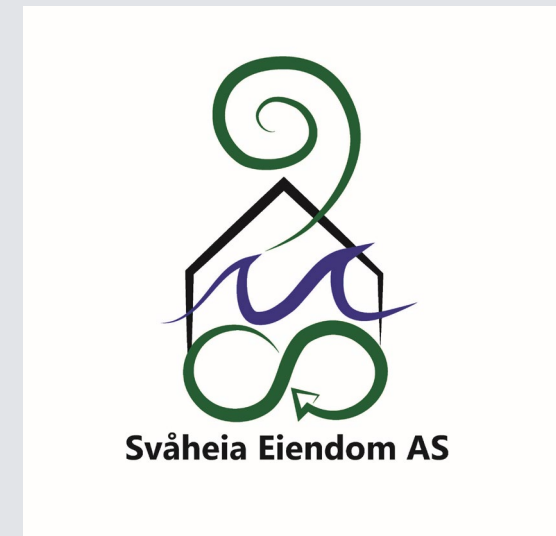
RIPEET Responsible for energy transition – H2020 project



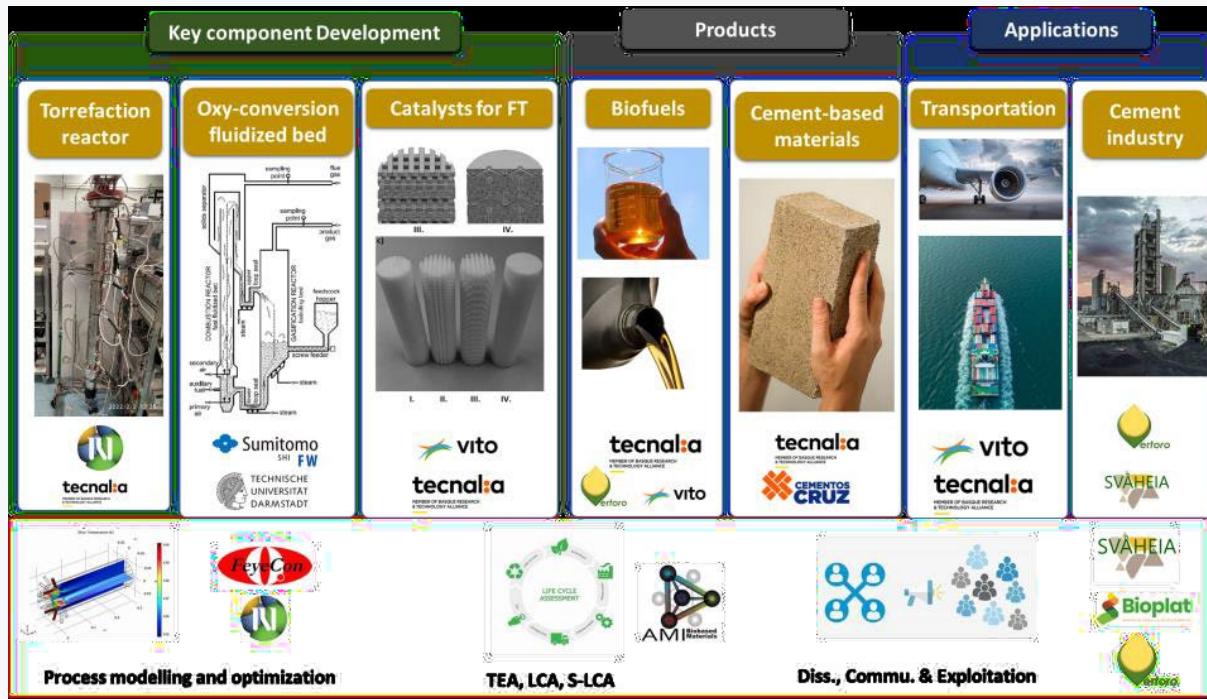
CARBIOW – RIA – Horizon Europe

12 Partners from 8 different EU countries (BE, DE, ES, FI, NL, NO, SE and SI)

- 2 large industries (CRUZ and SFW)
- 1 waste management entity connected to a municipality (SEAS)
- 3 SMEs (VER, FEY and BIOPLAT)
- 3 RTOs (TEC, VITO, and NIC)
- 1 Environmental agency (IVL – Swedish Environmental institute)
- and 2 universities (AMIBM, and TUDA) from 8 countries



Objectives:



CARBIOW – Horizon Europe- Research and Innovation Action.



Egersund Energy hub



Wind training center

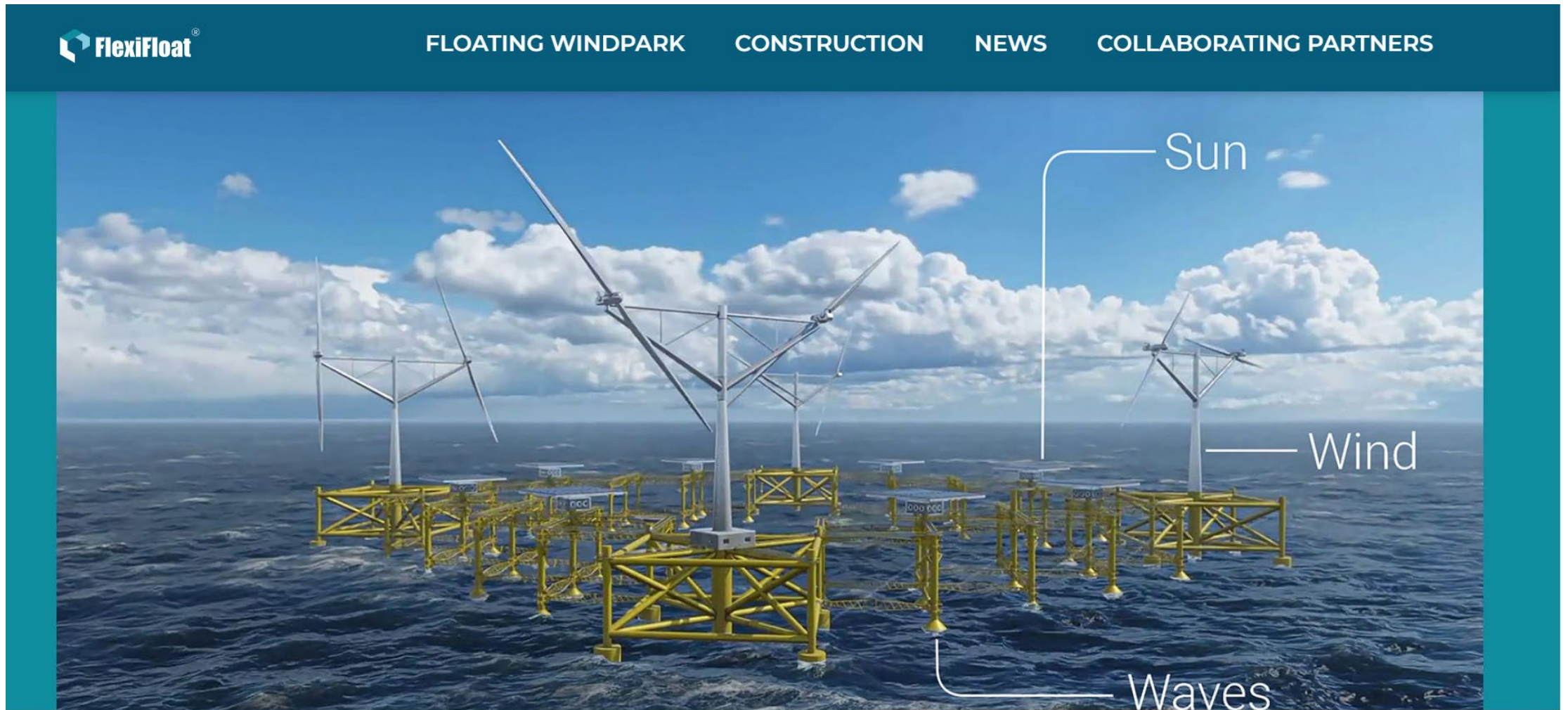
GLOBAL WIND ORGANIZATION CENTRE FOR TRAINING, OPERATION & MAINTENANCE AND INNOVATION

First center in Norway for blade technicians



Source: Egersund Energy Innovation. 2022

Flexifloat project



Source: Flexifloat.no 2022

The way ahead

Egersund

- Renewables (wind, biomass, solar and hydrogen)
- Green mobility (water bus)
- Aquaculture
- CCUS
- Smart grid



VISIT EIGERØY



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