

French-Norwegian approach to decarbonisation of the industry

# Roundtable: Financing CCS and H<sub>2</sub> projects

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## 15 years ago

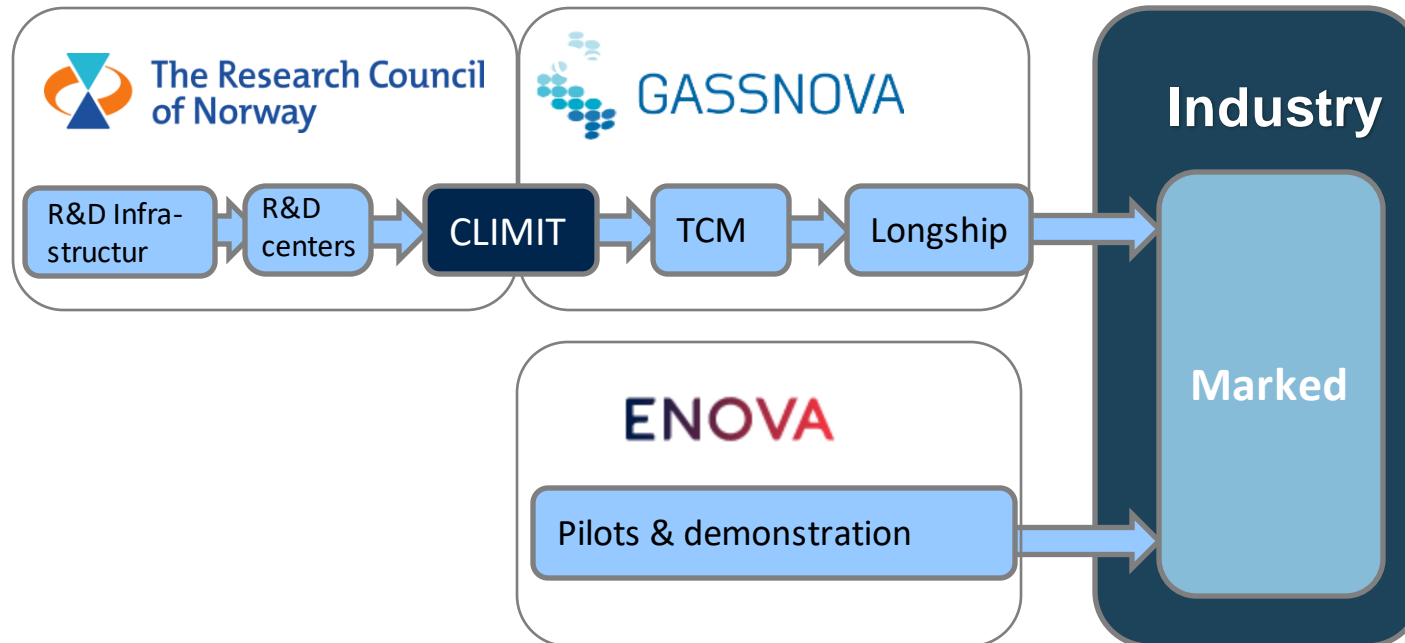
- One of the first electrical cars in Norway, owned by the NGO Bellona
- Hydrogen regarded as a promising future technology



Photo: Bellona



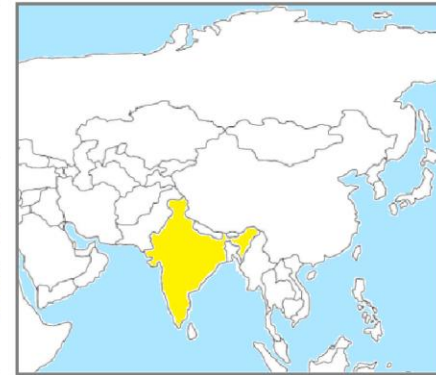
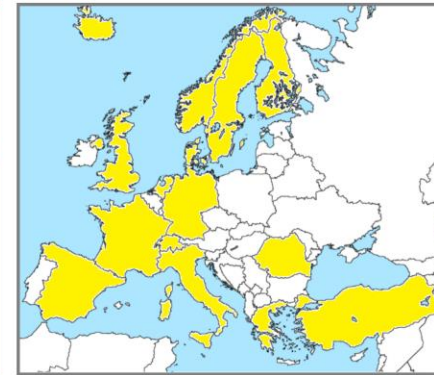
# From research to commercialisation





# ACT – Accelerating CCS Technologies

- **International partnership**  
16 countries and regions collaborating on joint calls and knowledge sharing. Coordinated by the Research Council of Norway.
- **Results**  
International projects with high impact.
- **The European Commission**  
EC has stated that ACT is one of the most important CCUS tools in Europe.
- **Partnership**  
The Clean Energy Transition Partnership (CETP) could be a future platform for ACT.



Co-funded by the  
European  
Commission within  
the Horizon 2020





# HEILO

- Funding mechanisms for hydrogen, from basic research to innovation projects
- Cooperation between
  - The Research Council of Norway
  - Innovation Norway
  - Enova
  - Gassnova
- Website: [www.enova.no/heilo](http://www.enova.no/heilo)





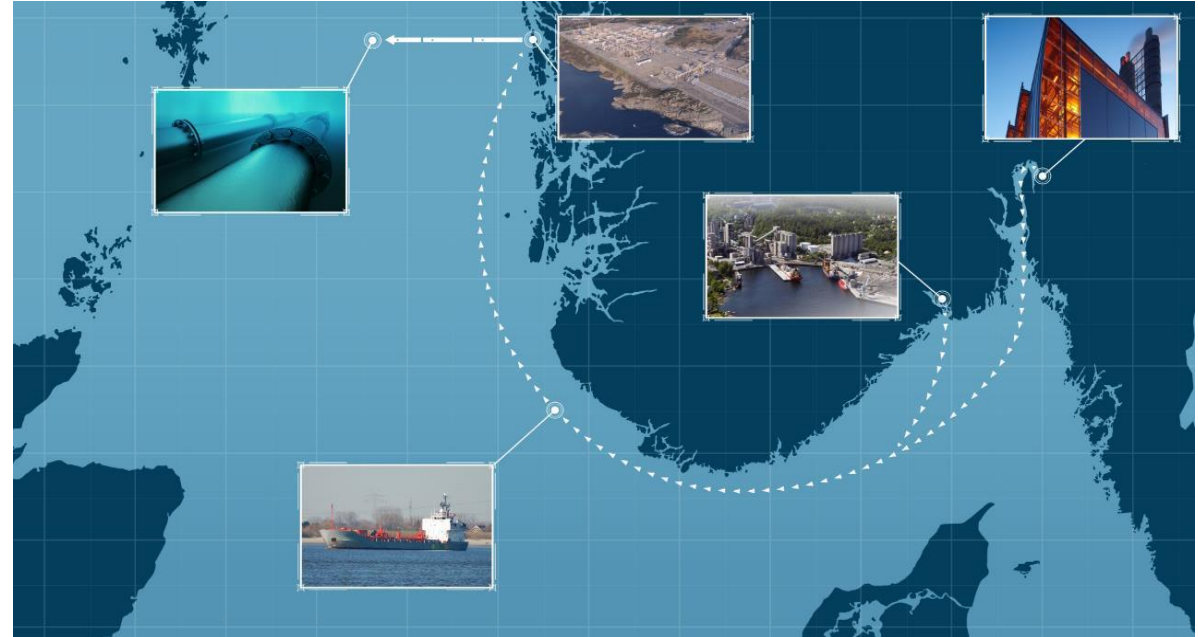
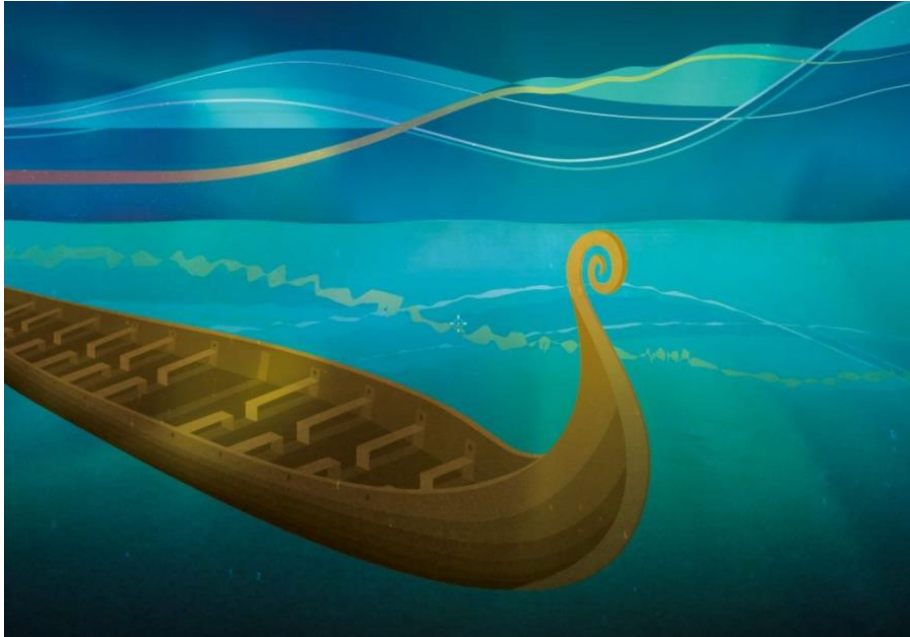
# The Green Platform

- A new Norwegian initiative that can provide companies and research institutes with support for research and innovation-driven green growth.
- Looking for collaborative consortia that can deliver the best projects, from research and technology development, to finished solutions.
- Collaboration between RCN, Enova, Innovasjon Norge and SIVA
- The first phase of the Green Platform is NOK 1 bn over three years.





# Longship

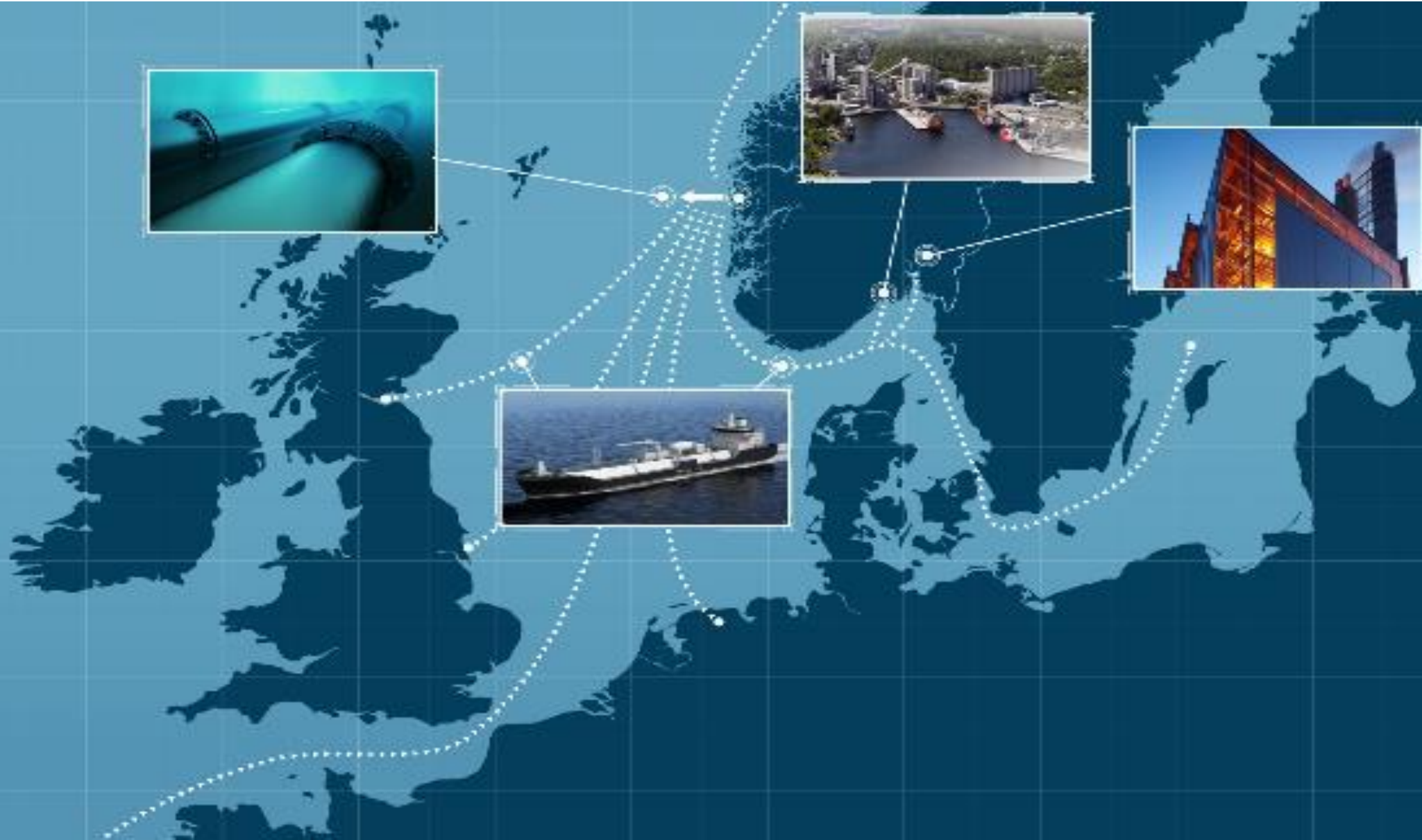
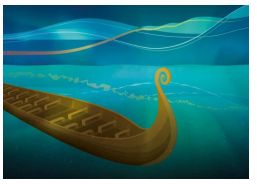


- The Norwegian full-scale CCS project
- Financing from the Parliament (Stortinget) confirmed
- In operation 2024





# Longship – phase 2







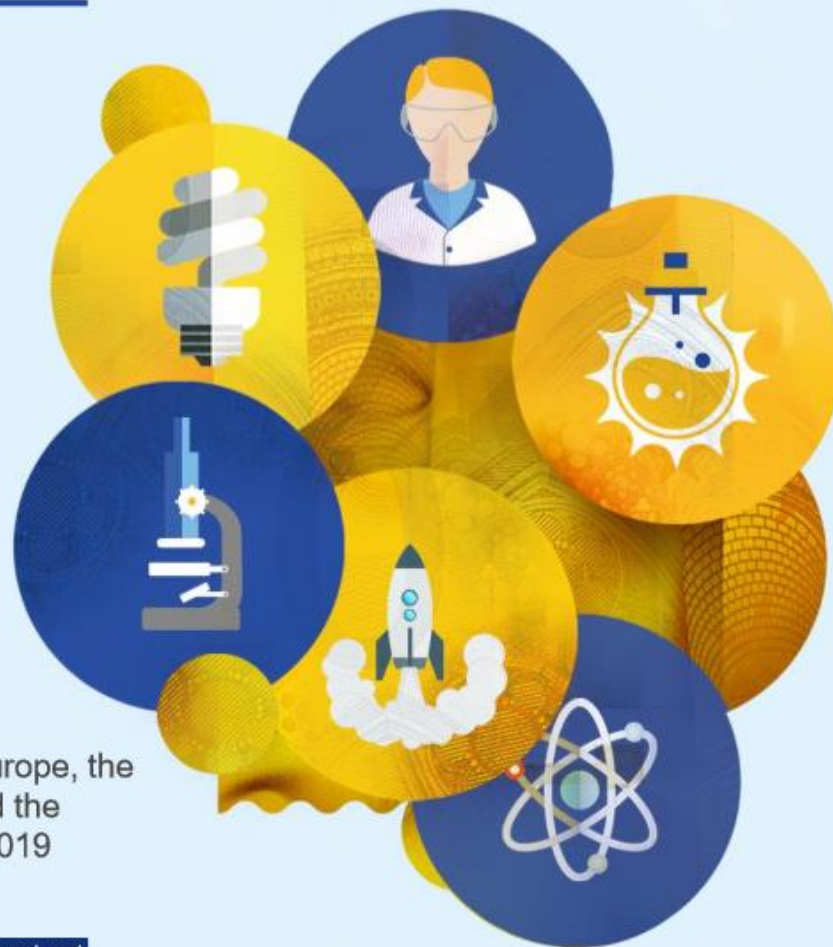
# Horizon Europe

THE NEXT EU RESEARCH & INNOVATION  
INVESTMENT PROGRAMME (2021 – 2027)

#HorizonEU

Based on the Commission Proposal for Horizon Europe, the  
common understanding between co-legislators and the  
Partial General Approach, both approved in April 2019

Research and  
Innovation





# INNOVATION FUND

Driving clean innovative technologies towards the market



First call for projects in 2020



€10 billion to invest up to 2030 in EU's climate neutral future



Avoid emissions and boost competitiveness

Supporting innovation in:



Energy intensive industries



Renewables



Energy storage



Carbon capture, use and storage

Funded by: EU Emissions Trading System



# Financing CCS and Hydrogen projects

- **Public funding for RD&D to mature the technology**
- **Private funding needed to bring new sustainable products to the market**
  - Customers asking for green and sustainable products creates business opportunities
  - Many investors willing to invest in green and sustainable solutions