

A surreal collage background. In the foreground, a woman in a yellow dress stands in a small wooden boat with a white swan, holding a fishing net. The water is dark blue with a rainbow. In the background, there's a large grey ship, the Eiffel Tower, a large stone building with a Norwegian flag, and people on a rocky shore. A seagull is flying in the sky.

# Welcome to *The Norwegian CCS Research Centre* kick-off

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Executive Vice President Sustainability  
2016-11-04





# Welcome to Trondheim

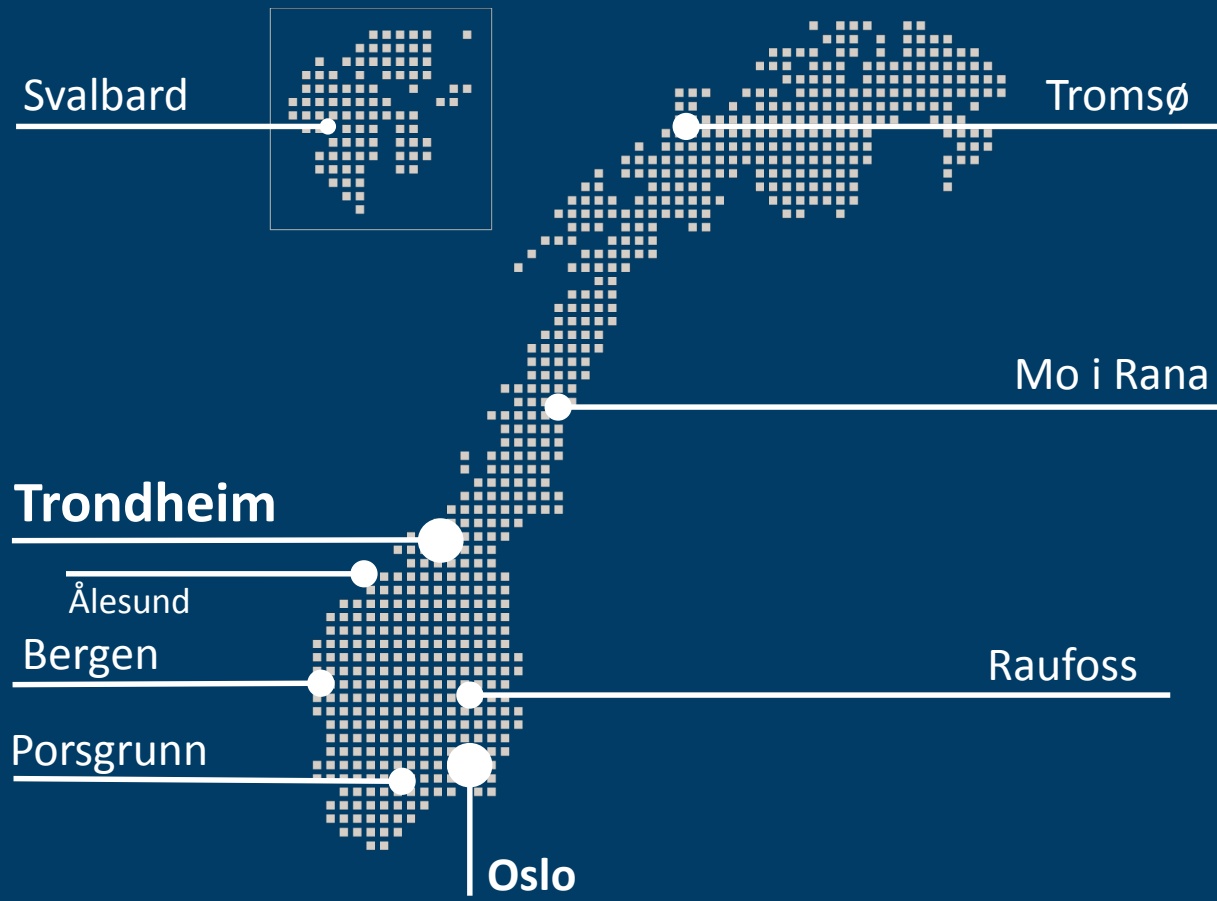






Foto: TYD

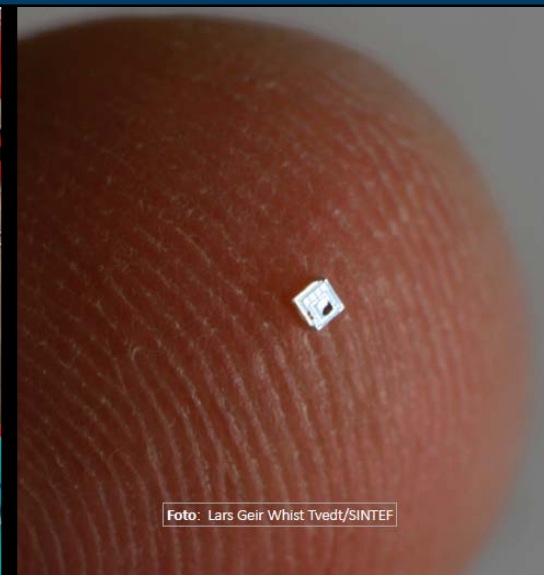
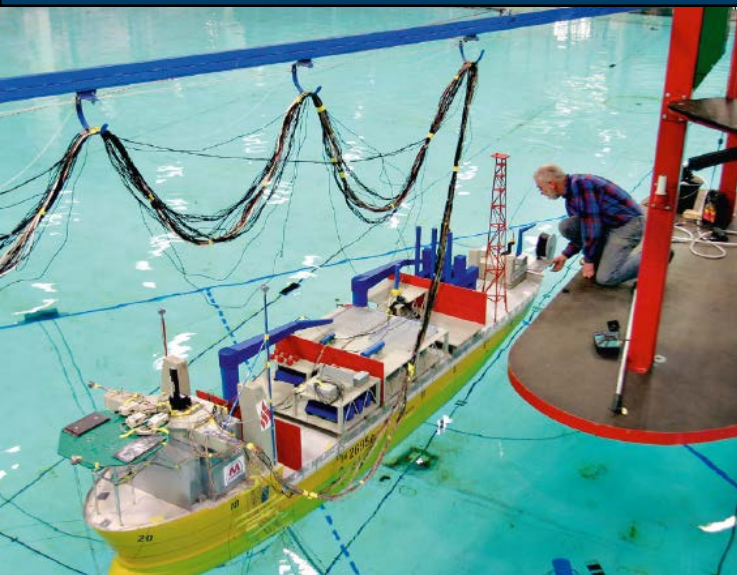


Foto: Lars Geir Whist Tvedt/SINTEF

# A unique offering

- More than 55 percent PhDs
- World class labs; from nano and micro electronics and TEM microscopes, to huge multiphase flow, high voltage and ocean labs
- Modelling, experimental results, big data and algorithms - digitalization of society from nano to macro scale





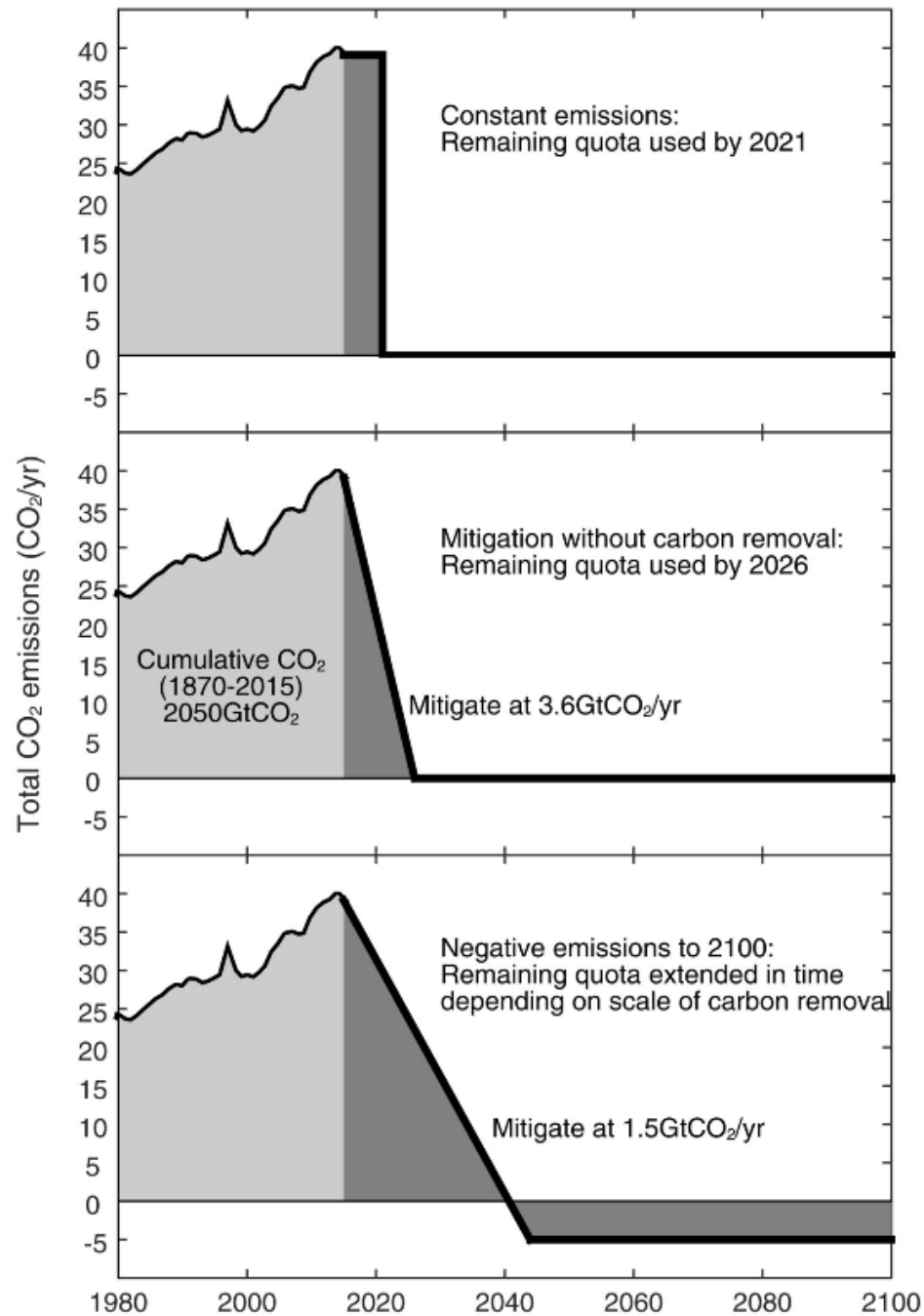
# An accelerating imperative

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**PARIS2015**  
UN CLIMATE CHANGE CONFERENCE  
COP21·CMP11

- Kyoto – 8 years from signing to coming into force
- Paris – 1 year! – today!

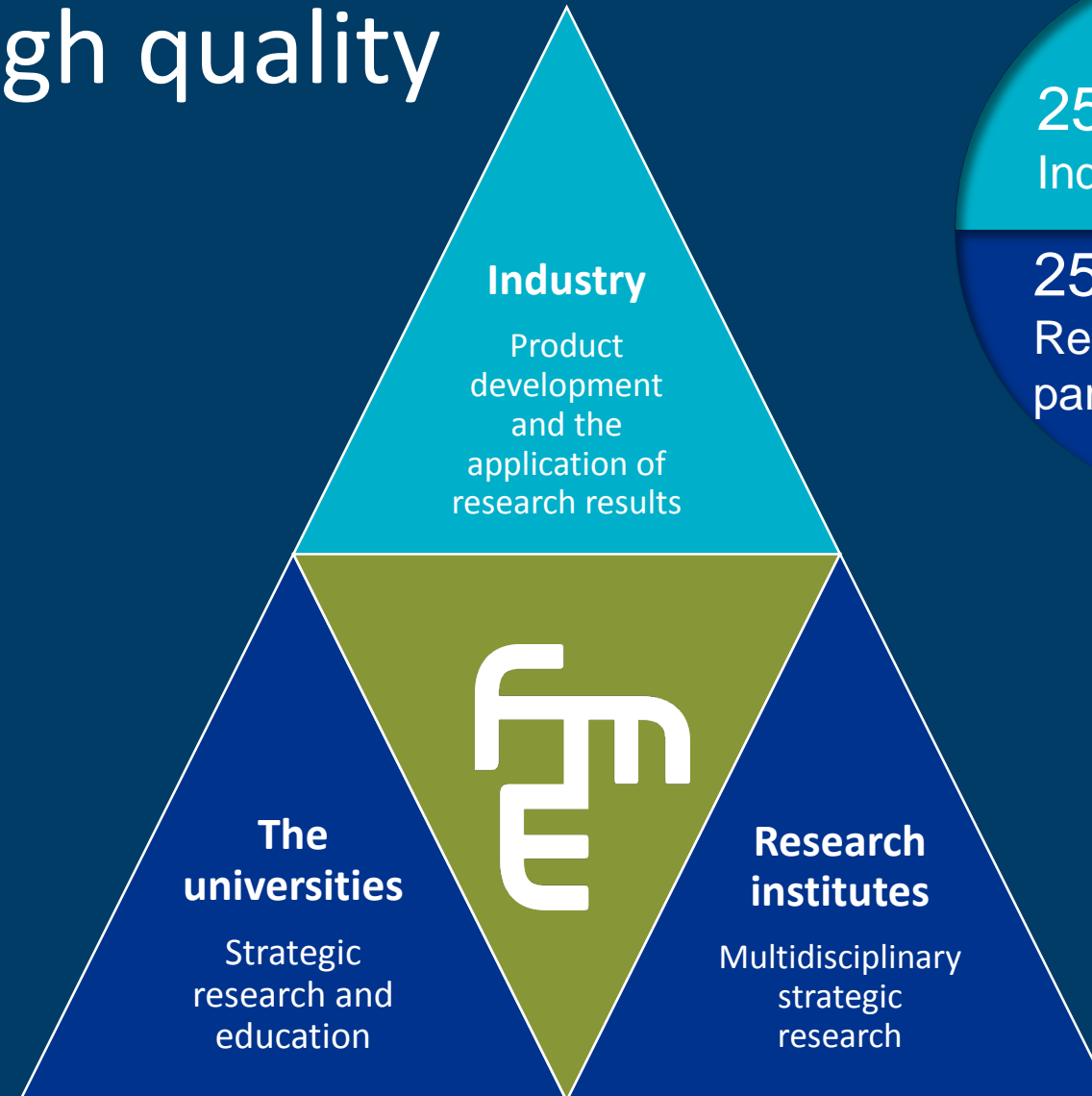
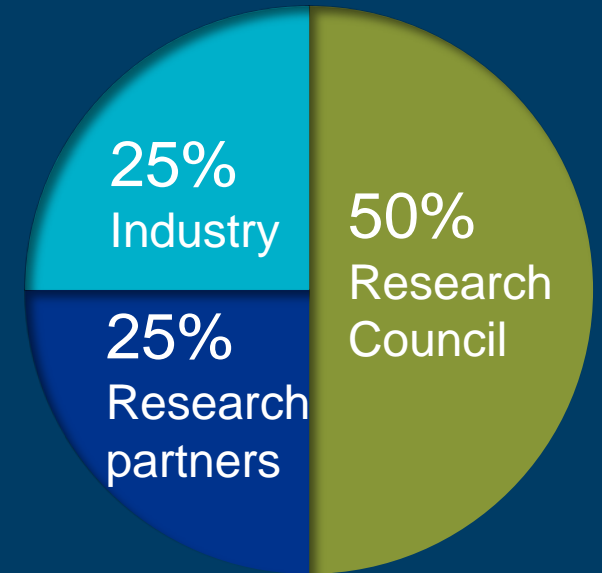


1.5° ?

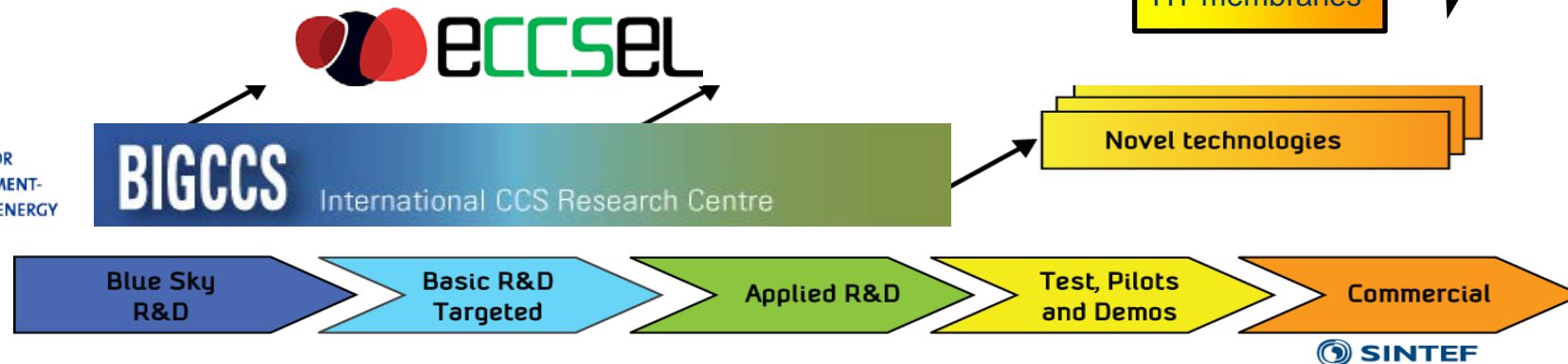
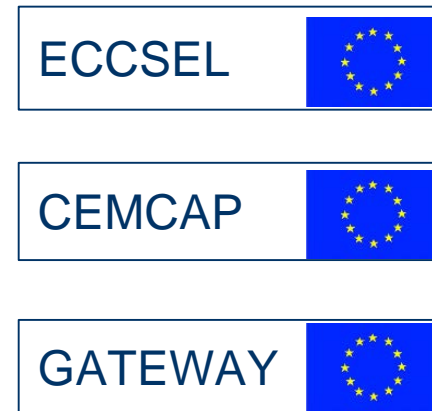
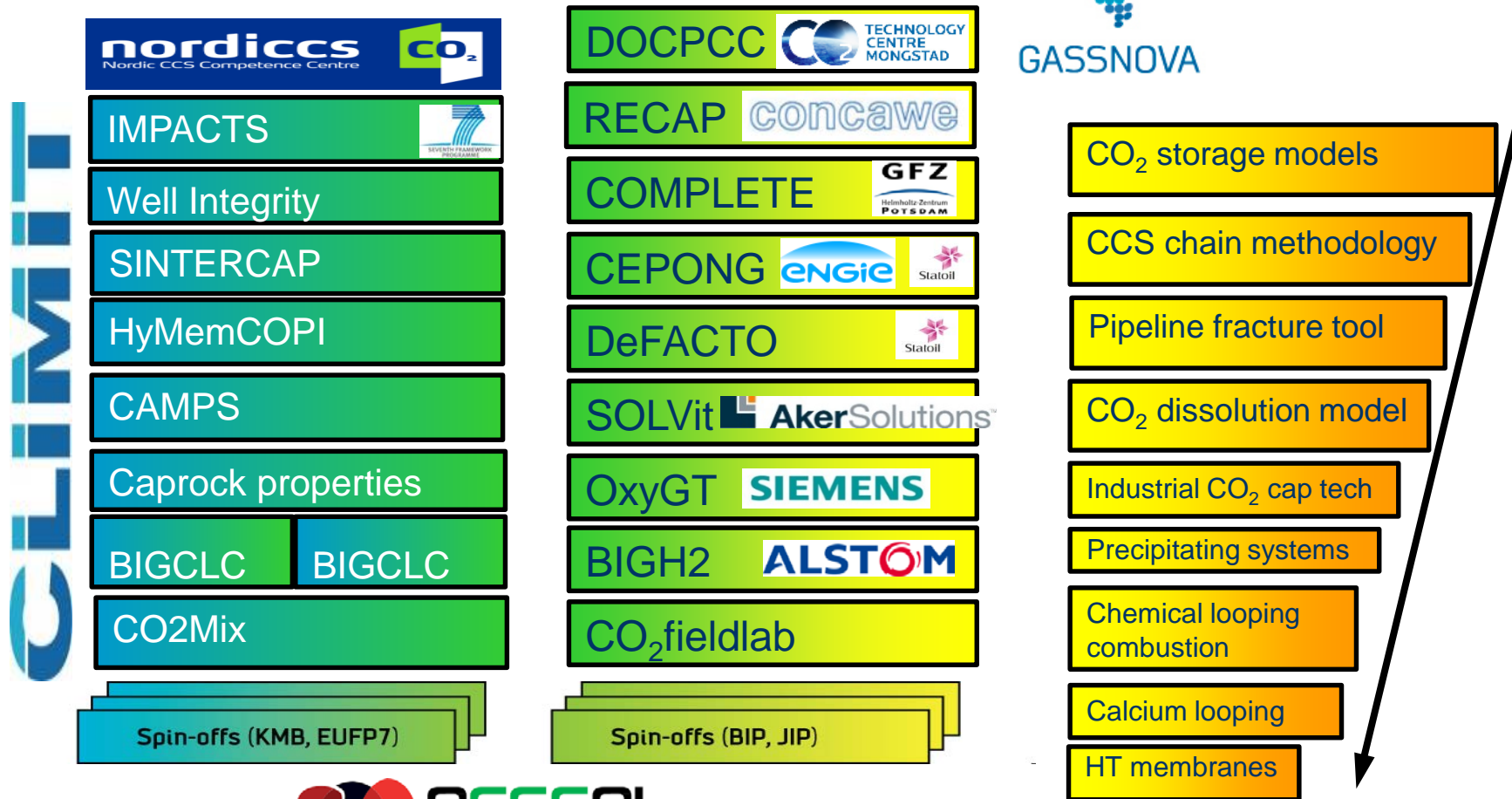
Glen Peters, Cicero – leading up to COP22- Twitter 26 Oct. 2016

# Close working relationships generate innovation and high quality

## Funding



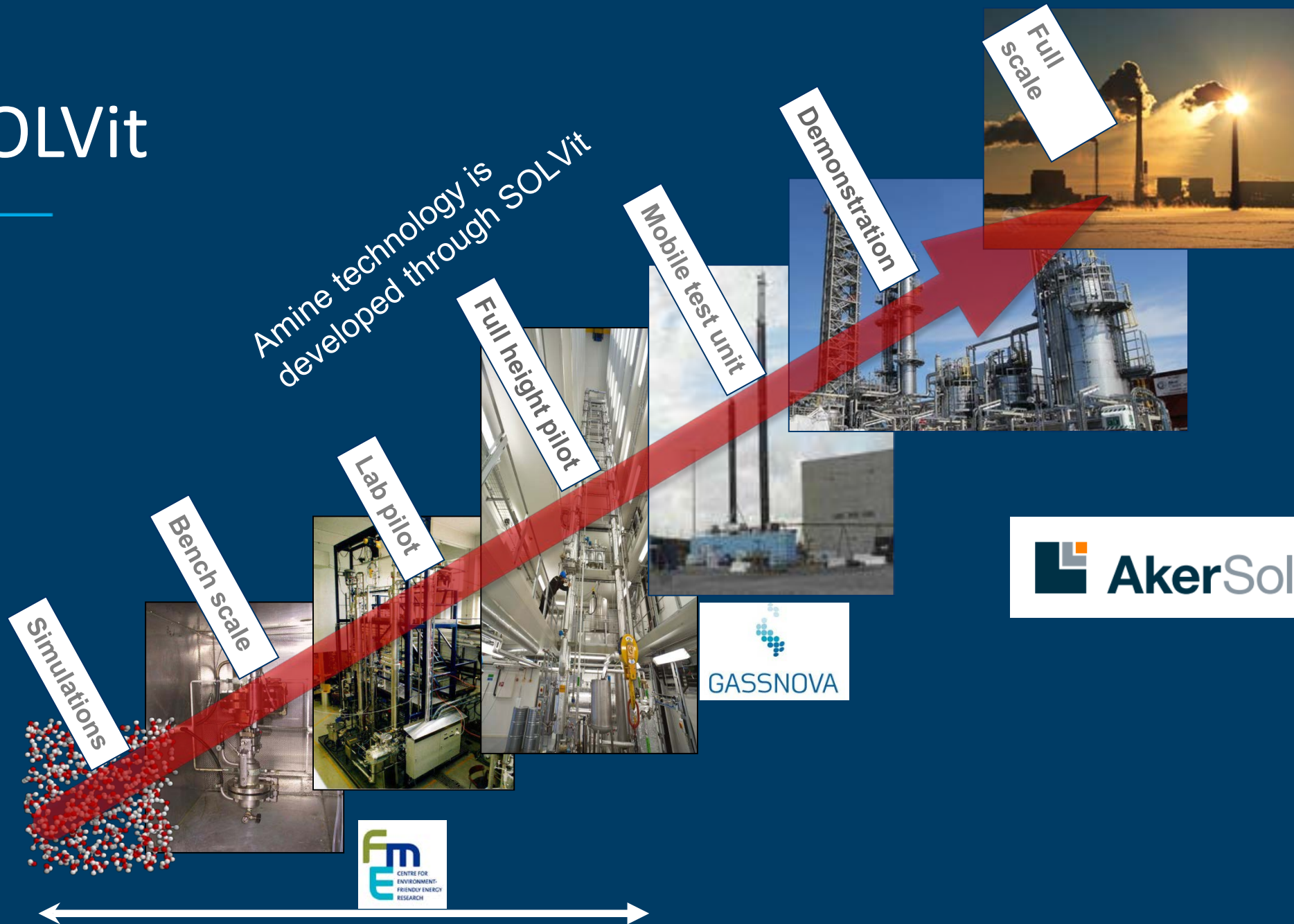






# SOLVit

Amine technology is developed through SOLVit

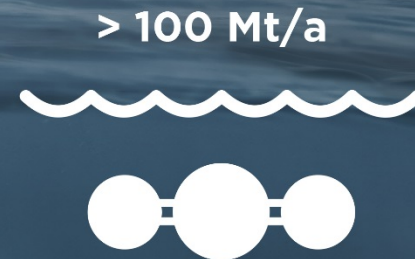


CO<sub>2</sub> CAPTURE

CO<sub>2</sub> TRANSPORT

CO<sub>2</sub> STORAGE

DEPLOYMENT CASE 1: The Norwegian full-scale CCS chain



DEPLOYMENT CASE 2: Storing Europe's CO<sub>2</sub> in the North Sea Basin

The Norwegian full-scale project

- A new opportunity for Norwegian and European industry





**NCCS**

**NORWEGIAN CCS RESEARCH CENTRE**

Industry-driven innovation for fast-track CCS deployment



Technology for a better society