Shaping the future of CCUS value chains

Accelerating CCUS, Edinburgh, 28 November 2018

Torbjørg Klara Fossum, Project Manager Low carbon solutions

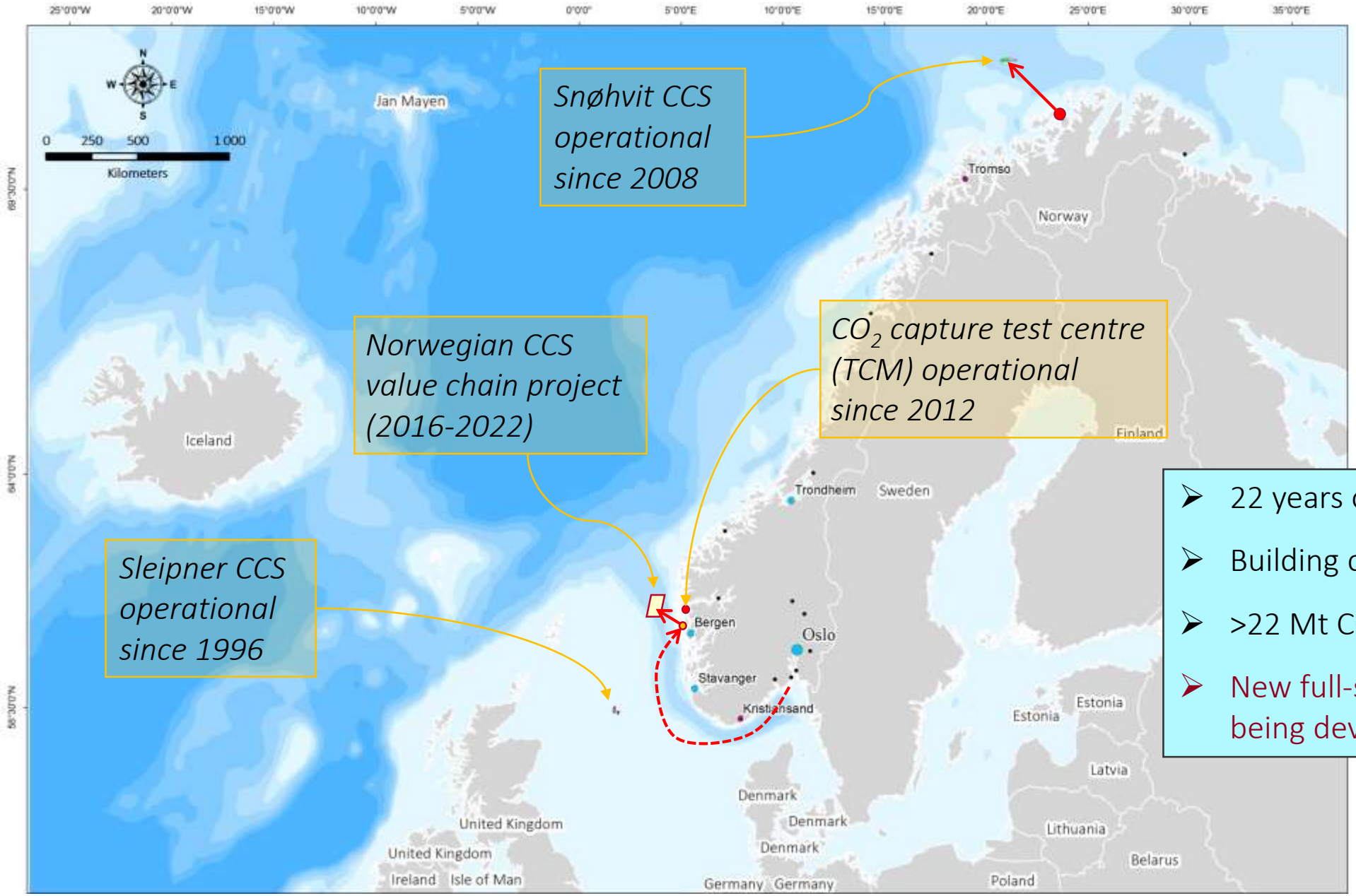
Shaping the future of energy

Competitive at all times

Transforming the oil and gas industry

Providing energy for a low carbon future

Norway CCS: Building on experience



Snøhvit CCS operational since 2008

Norwegian CCS value chain project (2016-2022)

CO_2 capture test centre (TCM) operational since 2012

Sleipner CCS operational since 1996

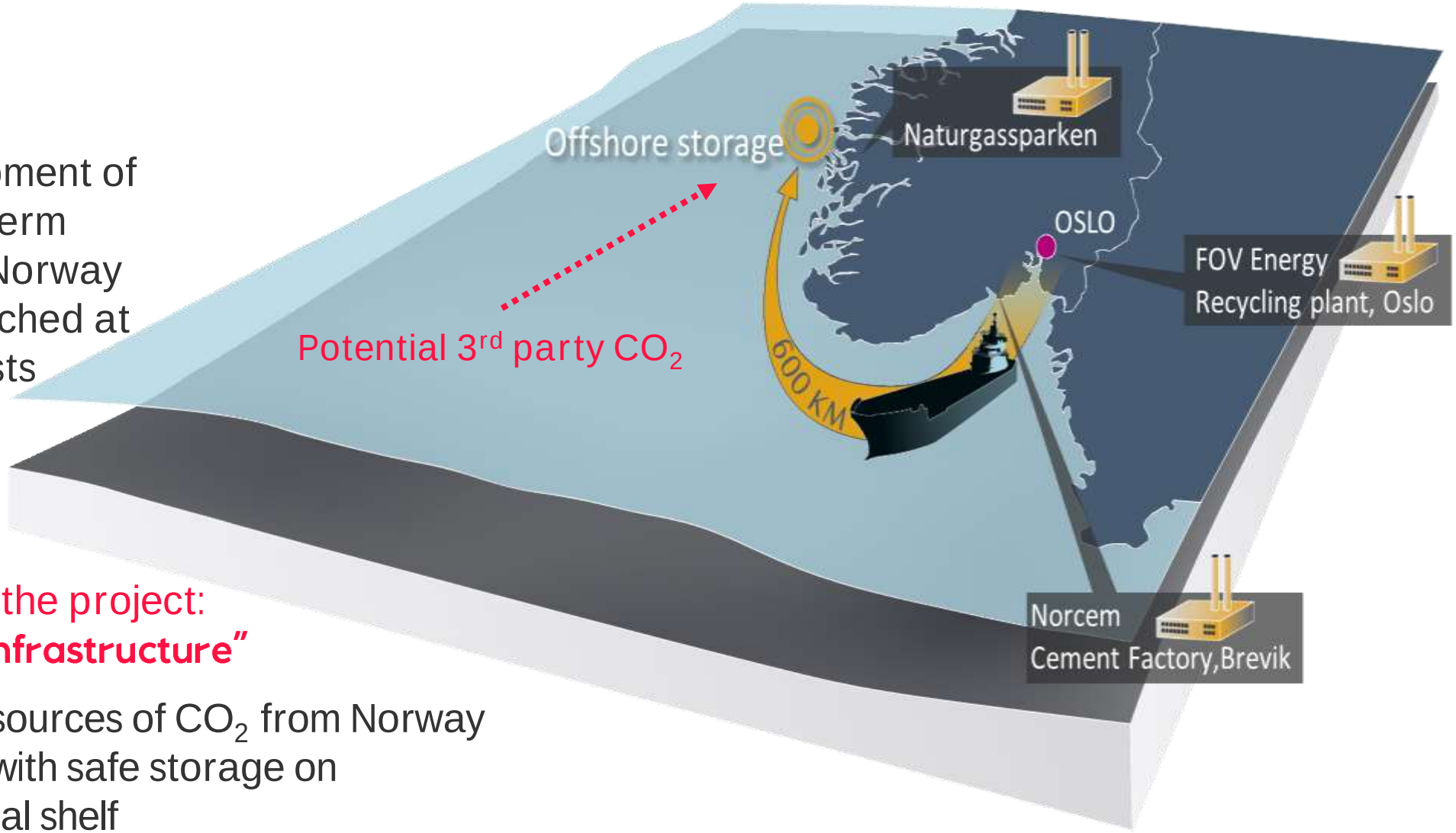
- 22 years of operations
- Building confidence in CCS
- >22 Mt CO_2 stored
- New full-scale CCS project being developed

Open

Norway full-scale CCS project

Objective:

Stimulates development of CCS so that long-term climate targets in Norway and EU can be reached at lowest possible costs

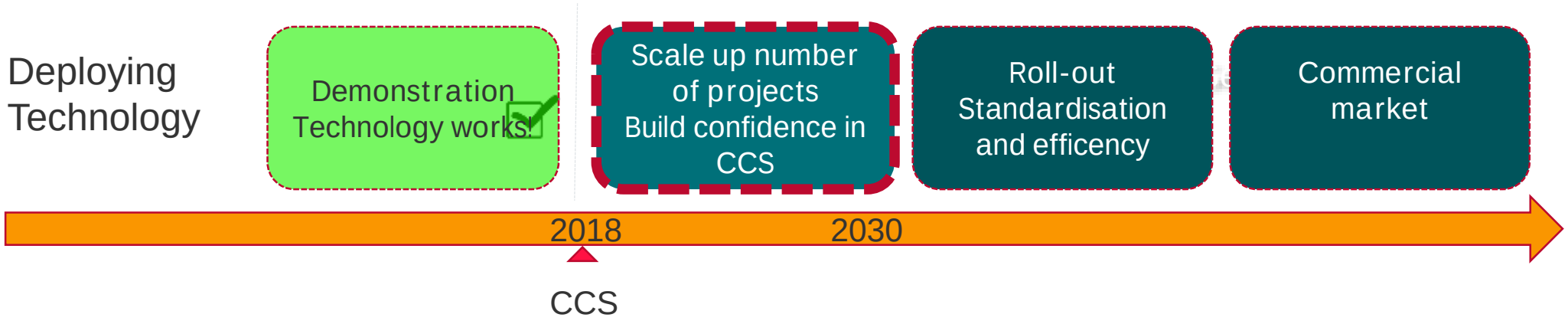


The unique value of the project:

First "open source infrastructure"

Combines industrial sources of CO_2 from Norway and other countries with safe storage on Norwegian continental shelf

Implementing novel CCS technology – recognising where we are

What characterise CCS in it's current Scale up phase?

- We know from 22 years of operations that the technology works!
- CCS is necessary to reach targets in Paris agreement – there is no time to loose, it must happen *now* at significant step-up in scale and speed
- Industry projects are needed to move on the learning curves – build robust T&S infrastructure with capacity for future expansion
- Regulatory and commercial framework is lacking: Joint-effort and trust between governments and industry is essential to demonstrate operational, regulatory and commercial set-up of the CCS value chain