

The Norwegian CCS Experience

New storage R&D projects

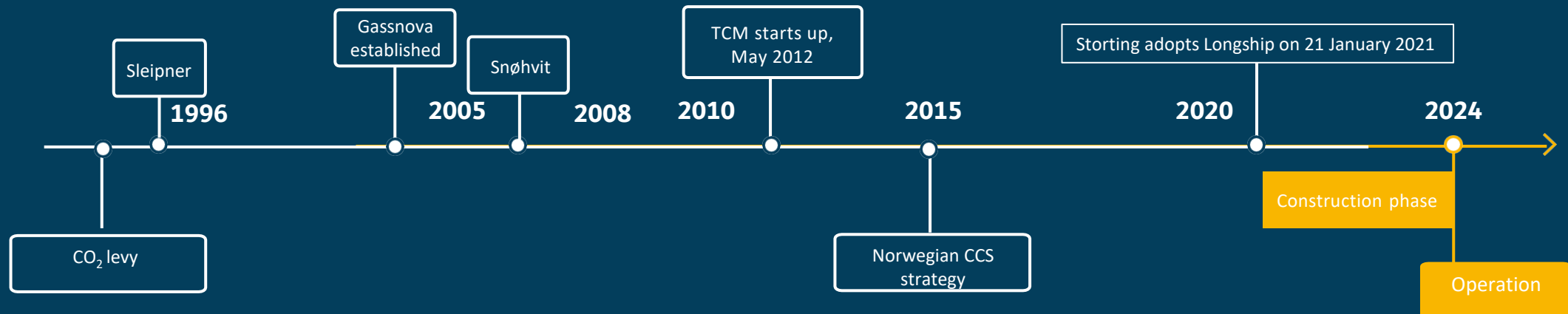
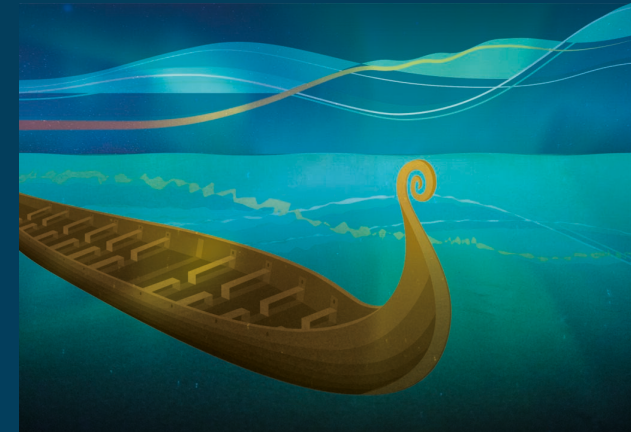
Dr. Kari-Lise Rørvik

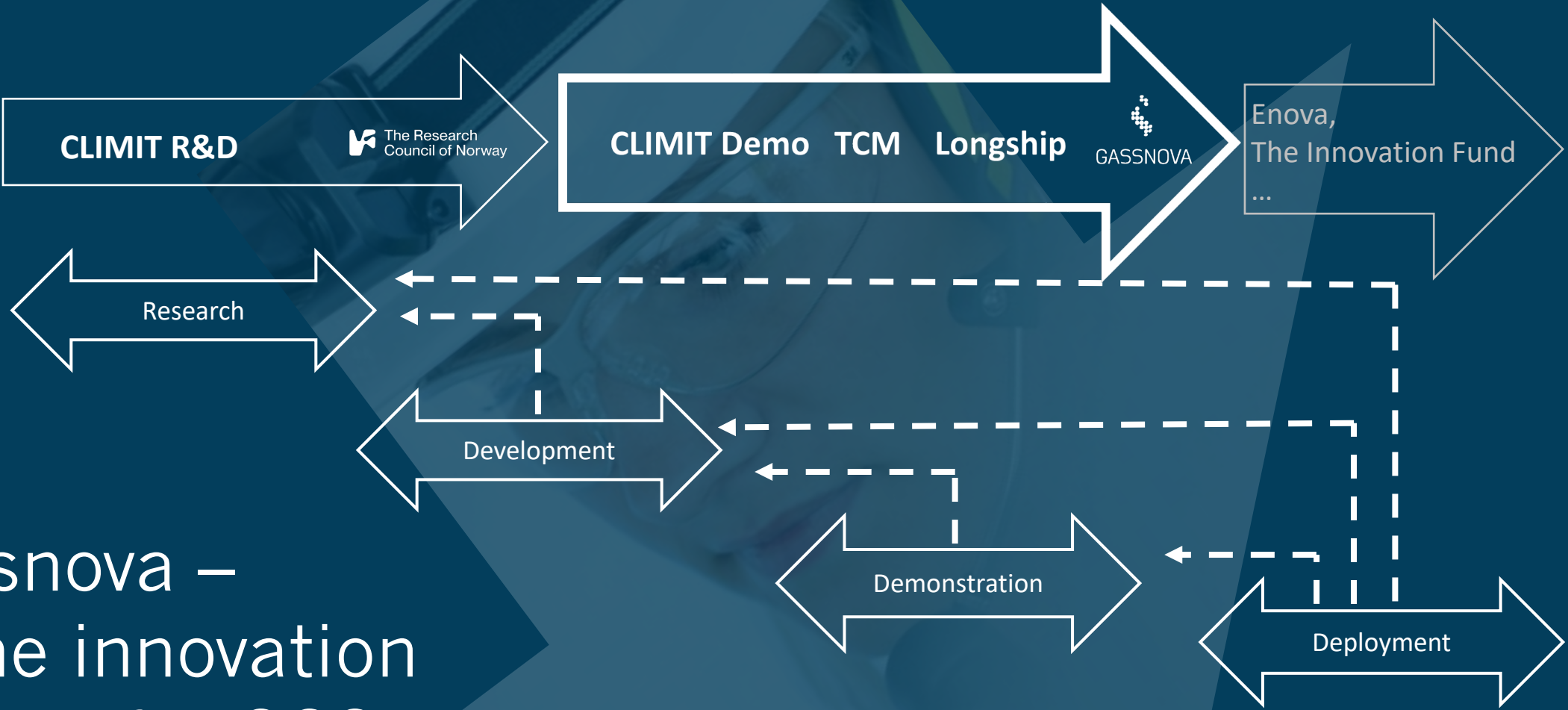
Director Technology and Innovation/
Head of Secretariat CLIMIT

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Norway has > 25 years of successful CO₂ storage

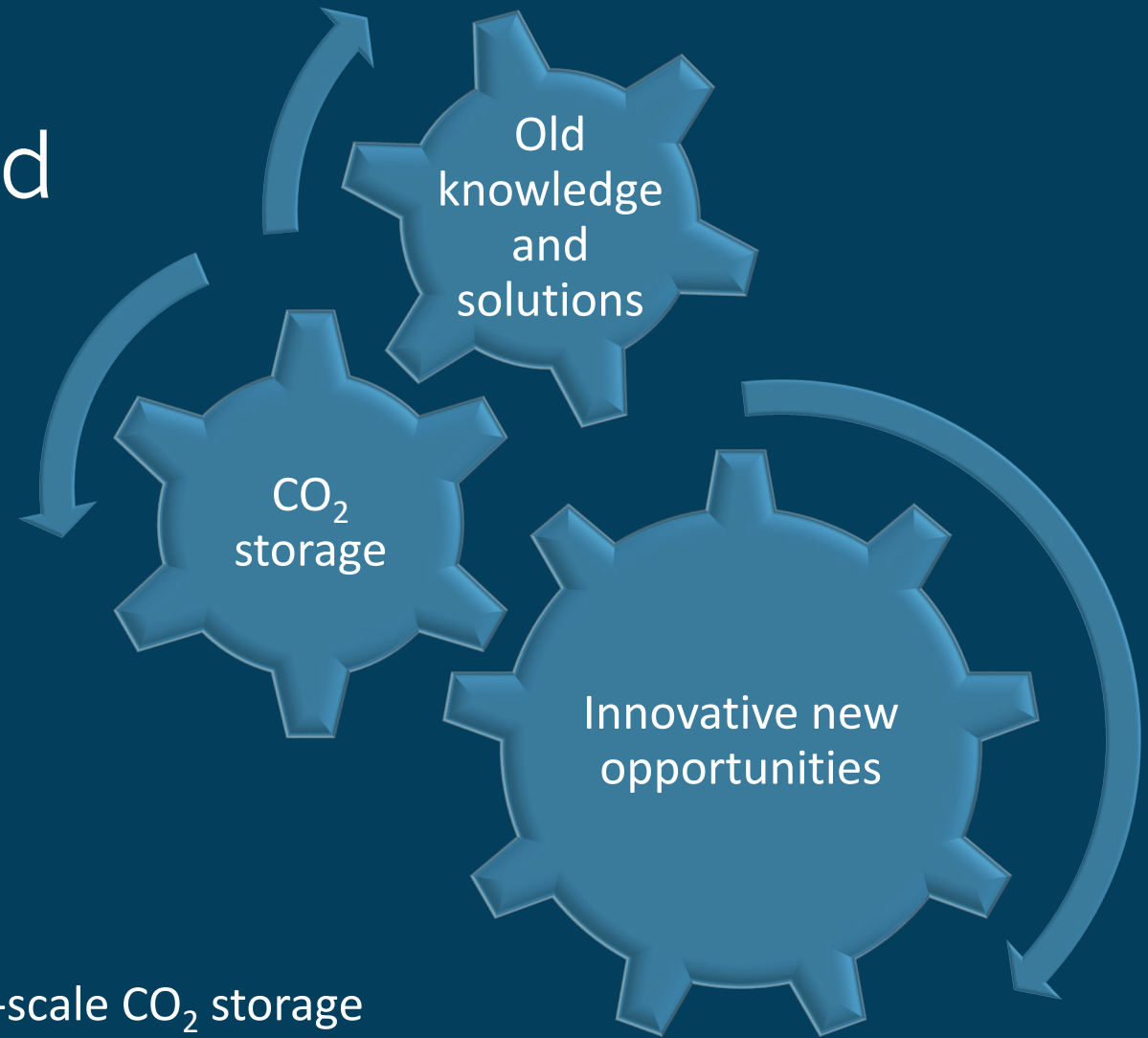




Gassnova – in the innovation system for CCS

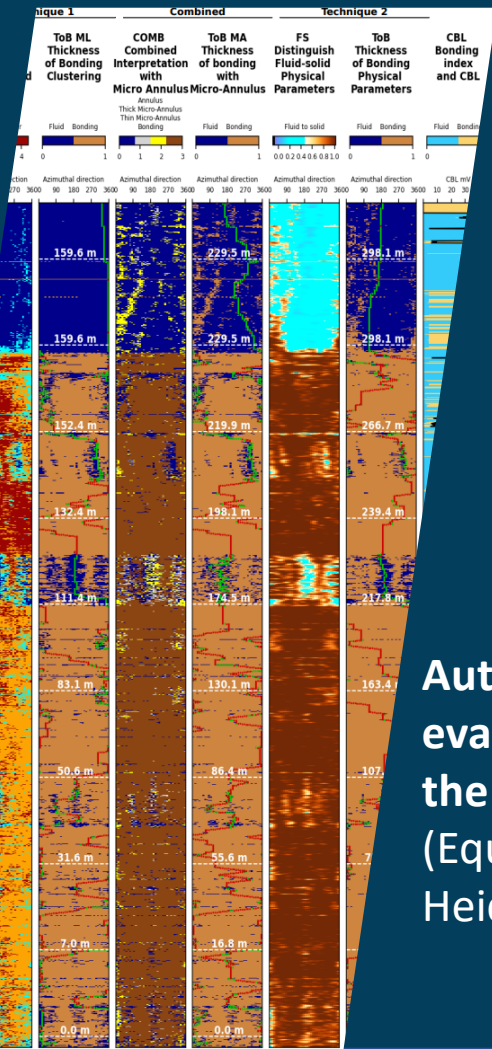
Research, development and demonstration within the following five themes are prioritized

- CO₂-wells
- CO₂ reservoir and sealing
- Monitoring
- Modeling and digitalization
- Social science - social aspects and barriers to large-scale CO₂ storage



CO₂ Wells

SNOWPACCS – Challenges with postmortem investigation of well integrity at Mont Terri (SINTEF, with Swisstopo as partner in Switzerland)



Automating the evaluation of the well barrier (Equanostic, Aker BP, Heidelberg Materials)



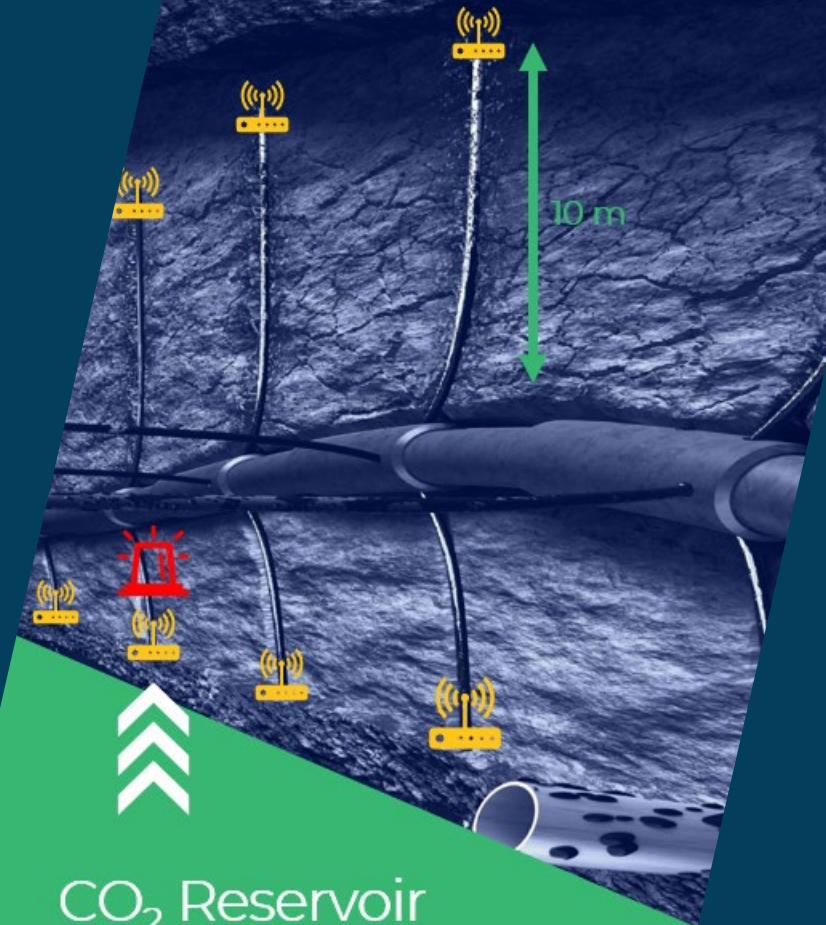
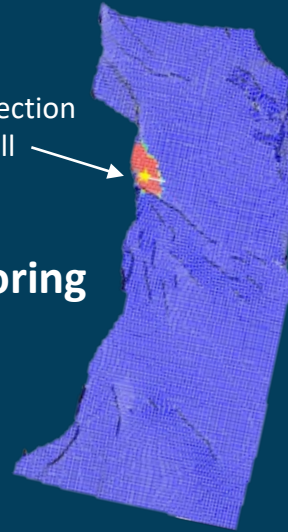
REX-CO₂: Re-using EXisting wells for CO₂ storage operations (ACT project)



Monitoring

Accelerating CSEM technology for efficient and quantitative CO₂ monitoring (SINTEF, Univ of Oslo, NGI, Allton, Univ of Southampton)

Injection well



CO₂ Reservoir

DIGIMON
- Digital Monitoring of CO₂ storage projects (ACT project)

SafeGuard: New technology for longterm monitoring and risk mitigation of CO₂ storage sites





Thank you for your attention!

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We share our CCS knowledge

gassnova.no/en

