

CCS in Norway: Research and Industry Working Together

**A presentation by
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CO₂ Capture and Storage (CCS) is a crucial tool in the toolbox of required technologies that must be implemented in order to reach our ambitious climate goals. The Norwegian government has the ambitious goal to realize a full-scale CCS chain by 2022.

The newly-launched research centre funded under the Centres for Environmentally, Norwegian CCS Research Centre (NCCS) will enable fast-track CCS deployment through industry-driven science-based innovation while addressing the major barriers identified within demonstration and industry projects. NCCS aims to become a world-leading CCS centre and supporting the Norwegian government in their quest for large-scale CCS.

NCCS comprises international oil and gas companies, CCS technology vendors and technology users in the private and public domain. The partnership will provide access to state-of-the-art laboratories and research facilities and advanced simulation tools that will be expanded and complemented in NCCS.

NCCS will focus on two industry-driven deployment cases to provide consistent, targeted research in areas that will contribute most significantly to large-scale CCS deployment: (1) CCS for Norwegian Industry and (2) Storing CO₂ from Europe in the North Sea.

Dr. Brunsvold is currently the Centre Manager for the Norwegian CCS Research Centre, NCCS, hosted by SINTEF Energy Research in Trondheim, Norway. She has a PhD in experimental physical chemistry from Montana State University and was a post-doctoral fellow at UC Berkeley and Lawrence Berkeley National Lab. She is a Research Scientist at SINTEF Energy Research and has been involved in CCS-related R&D since 2009.

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