

Current position:

Senior Advisor: Gassnova SF, Porsgrunn Norway.

Nationality: Norwegian

DoB: 01 January 1977

Academic degrees: B.Sc. U. of Oslo/UNIS/Tromsø, 1999; Master in Marine Geology, U. of Tromsø, 2001; Ph.D. in Marine Geology, U. of Tromsø, 2009.

Summary of work experience: Over the last one and a half year, Dr. Rørvik has worked at Gassnova within the CLIMIT department and in the Full Chain CCS project. Before joining Gassnova she worked in a consultant company from 2009 and spent the first three years doing geological work for Gassnova. Main focus was seismic interpretation/mapping of different areas suitable for long-term and safe storage of CO₂, among other the Smeaheia storage site. In 2012, Dr. Rørvik started as a consultant for the oil and gas industry, working for different exploration companies in Norway. She started her career as a research assistant/PhD student at the University of Tromsø. The subject of the project at the University was within marine geology/ paleoceanography. Her study concerned how sea chemistry and sea temperature in the Nordic Seas from around 20,000 years ago onwards evolved in time, and how changes in ocean circulation were related to climate change recorded on land in ice cores. Experiences from the exploration industry and from climate research have been valuable assets bringing into the current position.

Abstract:

Why is Norway committed to CCS? Norway is the world's fifth-largest exporter of oil and third-largest exporter of gas. Indeed almost all of the hydrocarbons produced from the Norwegian continental shelf are exported because Norway has a small population and all domestic power is hydroelectric. Environmental and climate considerations are an integral part of Norway's policy for the petroleum industry, and Norway was one of the first countries in the world to introduce a carbon tax, in 1991 for the offshore sector. This was the incentive for the Sleipner and Snøhvit developments. The presentation will provide an overview of Gassnova, the Norwegian State Enterprise for CCS, to show how Gassnova is set up to manage the State's CCS interests. Following Statoil's experiences gained from the Sleipner and Snøhvit Projects from various points (reservoir characterization, monitoring), will be discussed. Finally, a presentation of the new Norwegian CCS Demonstration project will be given, focusing on how the new project is set up and in the end there will be given some concluding remarks on how Gassnova will continue to fulfill the role as an investor on behalf of the Norwegian Government .