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Information to the press

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Kårstø Carbon Capture and Storage Project

The Norwegian Government will construct a full scale CCS (retrofit) solution for a gas-fired power plant in connection to the existing gas fired power plant at Kårstø on the Western coast of Norway. The capture plant is planned to be operational as soon as possible. The plan is to make the investment decision in 2009.

The facility is planned to capture 1 million tonnes of CO₂ from the exhaust gas at the power plant and subsequently transport the CO₂ by pipeline to safe storage in geological formations under the sea bed. The State owned entity Gassnova is responsible for this important and comprehensive work.

Gassnova will forward the economical and technical basis for making an investment decision to the Ministry of Petroleum in September 2009.

The Norwegian Water Resource and Energy Directorate (NVE) prepared in 2006 a report with the aim to investigate technical and economical aspects of building a capture plant at Kårstø. According to their calculations, the investment cost would amount to approximately 5 billions NOK, including transport and storage of CO₂. In addition there will be costs accrued in the planning phase of the project, as well as operational costs. A calculation of the net present value of the total costs related to CO₂ captured, transported and stored result in an abatement cost of NOK 700 per ton CO₂ at full operation.

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