Norway seeks offshore CCS site

Norway has begun seismic surveys at its biggest North Sea oil and gas field, Troll, to determine whether carbon dioxide emissions can be stored there, according to energy officials. Troll is touted as one of three possible North Sea locations for storing carbon produced by gas-fired power plants in the coastal cities of Mongstad and Kaarstoe. “The survey is an important part of our work to achieve the goal of storing carbon dioxide in the subsurface,” says Norwegian Petroleum Directorate research coordinator Odd Magne Mathiassen. Troll operator StatoilHydro has been sequestering carbon dioxide below the seabed at the Sleipner gas field in the North Sea since 1996. But that is carbon dioxide stripped from the gas stream at the field, not emissions from plants on shore. “Finding the optimal placement of injection wells is important to ensure that the carbon dioxide can be stored and that it will remain in the reservoir in the future,” he adds. The ‘Johansen formation’ in which the carbon dioxide can be stored is located below Troll’s oil and gas reservoirs, at a depth of approximately 2,500 meters, according to the NPD.

[Source essa news]