



June 29, 2020

Press release

Equinor deployed floating LiDARs in South Korea

Equinor has started conducting wind measurements needed to further look into the possibility of developing and constructing a floating offshore wind project off the coast of Ulsan in South Korea.

Two floating wind speed measurement installations utilizing light detection and ranging (LiDAR) technology have been deployed into the East Sea from Ulsan to conduct metocean data measurements, marking an important milestone for a potential 800 MW floating offshore wind project.

"We are pleased to see the floating LiDARS being deployed. The data gathered through this feasibility study will be important to determine the way forward for the project. To get there we are looking forward to collaborating with all our partners as we see strong potential in developing floating offshore wind in South Korea," says Country Office Manager for South Korea, Jacques-Etienne Michel.

The LiDAR buoys delivered by RPS will be moored some 80 km out to sea, collecting wind and wave data to determine the resource viability.

"Equinor has set a clear target that by 2035 we will increase our renewable capacity installed by 30 times from today. We are stepping up to become a global offshore wind major, and we see strong potential for offshore wind in South Korea, a country we consider to be an important market for floating offshore wind going forward, says Michel".

Offshore wind in South Korea

South Korea has large potential and offers attractive opportunities within offshore wind. The country is transforming its energy mix from nuclear power and coal to renewable energy. The share of renewable energy in its power production is estimated to increase to 20% by 2030; aiming to add 49GW to its renewable production capacity by 2030, of which solar power accounts for 36,5GW and wind power 17,7GW.

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