

Inspection and 3D Modelling Project at Galloper Offshore Windfarm Completed



Subsea technology specialist Rovco has completed an extensive ROV inspection contract. This circa £1 million contract has resulted in the completion of the baseline asset integrity survey at the newly constructed Galloper Offshore Wind Farm, a 353MW installed capacity wind farm which lies 30km off the coast of Suffolk, UK. The project, which was awarded by Innogy Renewables UK, began in September - with 24-hour ROV operations provided over a four-week period. [Rovco](#) deployed a Cougar XT ROV fitted with both 3D imaging sonar and their SubSLAM 3D technology to complete planned asset inspection activities.

The project was performed from the DP2 support vessel, *Atlantic Voyager*. A second ROV inspection campaign to assess internal foundations is due to mobilise this month. The Bristol (UK)-headquartered firm has inspected all 56 turbines at the Galloper Wind Farm,

which generates enough green electricity to power the equivalent of 380,000 homes.

Streamlined Workflow

Data for this project is being delivered via Rovco's in-house Data Command Centre, a proprietary software system which allows for all the various datasets collected to be combined and presented through a simple internet browser. Within the platform, Rovco's clients view survey data libraries, reports, videos and 3D point clouds, as well as utilise intuitive tools to measure point-to-point distances, surface areas and volumes, providing a streamlined workflow for future asset management.

About the Windfarm

Galloper Offshore Wind Farm became fully operational in March 2018. Currently running from a facility in Harwich International Port, the wind farm is managed by a 60-strong team. During its construction phase, Galloper created around 700 jobs and now promises long-term employment on the east coast of England for its operational life of more than 20 years. (www.galloperwindfarm.com).