



CASE STUDY

Seabed clearance for Baltic Power

OEG's subsea team was tasked with the identification and removal of boulder debris to prepare the Baltic Power wind farm site for turbine installation. The Northern Victoria DP2 offshore support vessel was mobilised with the Subsea Multi-Tool (SMT) ROV and a team of specialist engineers for the duration of the project.

The Baltic Power offshore wind farm, located 23km off the northern coast of Poland, will comprise of 76 wind turbines, each with a generating capacity of 15MW. Baltic Power is the most advanced offshore wind farm construction project in the Polish Exclusive Economic Zone in the Baltic Sea, with a maximum generating capacity of 1.2GW once complete.

Challenge

The main operational challenges during this project were the short turnaround time required by the client and unpredictable weather offshore. The project team was able to overcome these issues through careful planning of the offshore operations and a collaborative approach to the campaign.

Solution

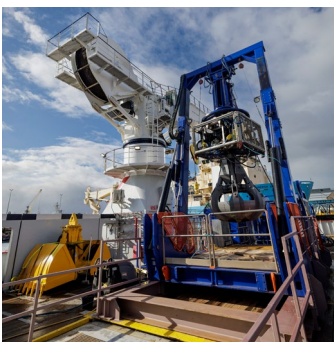
OEG successfully completed the seabed clearance campaign for the client, utilising our specialist SMT-ROV to identify, investigate and relocate boulders across an area of approximately 130km².

The SMT-ROV was mobilised onto the Northern Victoria for the duration of the project, alongside specialist engineers and a dedicated WROV team to enable precise target identification and removal.

The onboard moon pool enabled the project team to increase efficiency while reducing costs, allowing the SMT-ROV to be easily deployed during the winter months.

Throughout the duration of the project, OEG's subsea team investigated over 9800 targets, relocating over 5400 boulders and logging more than 2800 operational hours with the SMT-ROV.

During the 6-month project period, our subsea team achieved zero lost time incidents and zero breakdowns of the SMT-ROV or the Northern Victoria.



Testimonial

Ben de Sonnevile, Site Assessment Lead at Baltic Power commented:

"OEG delivered the boulder clearance scope with very high quality standards, operating safely and within budget. Their vessel setup, including the moon pool deployment system, enabled efficient operations throughout the challenging winter period, which proved to be a major benefit to the project schedule. The SMT-ROV performed reliably and was handled with professionalism by the experienced team onboard. Overall, the campaign was well organised and the final deliverables were of consistently high quality."