

N-Sea is an integrated subsea service provider. We offer a wide range of Survey and IRM services to civil contracting communities and the energy sector, focusing on the international oil and gas and renewable industry.

We meet our clients' needs. How? By providing effective and cost-efficient solutions for subsea assets and infrastructure, considering a safe environment.

N-Sea delivers subsea: from installation to decommissioning, from inspection through to maintenance management, we help assess the state of subsea assets and provide the necessary service throughout their entire lifecycle.

WE LISTEN THEN DELIVER

“EXECUTING OUR STRATEGY IN AN IRREVERSIBLE WAY”

We have the ambition to be the go-to total subsea solutions provider. We want to create a sustainable business, be less vulnerable and increase our profitability.

To realize this ambition, we have a clear vision and strategy relating our solutions, markets, geographies, and organization. To achieve these goals, we develop our organisation to the level of best in class being fully synchronised with our ambition and strategy by contributing to the following key success factors constantly:

- Qualified and engaged people
- Long term client relationships
- Strategic partnerships
- Innovative solutions
- Safety and quality 100%
- Visible presence

N-Sea

Wilgenbos 2 (4th floor)
3311 JX Dordrecht
The Netherlands

E info@n-sea.com

E sales@n-sea.com

T +31 (0)111 456 000

n-sea.com

RWE SWEDEN CASE STUDY

SCOPE OF WORK RWE

RWE Renewables is currently developing the 1600MW Offshore Wind farm (OWF) Södra Midsjöbanken located in the southern Baltic Sea. N-Sea, along with their partner Ocean Ecology Limited, were contracted for late season provision of vessel, equipment, and personnel to perform a geophysical site survey and environmental baseline survey, as well as full data processing, sample analysis, interpretation, and reporting. The main purpose of the scope of work was to determine the benthic composition of the area. The geophysical survey consisted of: vessel mounted MBES (Bathymetric) Survey and towed Side Scan Sonar with piggy-backed Magnetometer to discover archaeological artefacts, boulders, debris, and other natural / non-natural objects. The environmental survey included investigation of occurring habitat types and benthos. Benthic environments were investigated through grab sampling and drop-down imaging/video capture at each sampling location.

FEATURES

Client	RWE Renewables Sweden AB
Location	Offshore Windfarm (OWF) Södra Midsjöbanken in the southern part of the Baltic Sea
Period	15 October to 15 December 2021
Assets	Hydrograf

SOLUTIONS

A rapid turnaround of vessel mobilisation and execution was required during the pandemic; leveraging the full spectrum of supply chain relationships and personnel resources to ensure correct manning and equipment. HSE and environmental sensitivity were of the highest priority to comply with licensing conditions and mitigate marine mammal disturbance. Operational efficiencies were identified and initiated to minimise schedule duration. Shoreside processing was combined with regular data transfer to enable advanced analysis of data to plan the environmental work scope and real-time QA/ QC of acquired data to ensure full coverage and quality. Constant review and communication with the client ensured targets were met with minimal overlap.

OUTCOME

A solid performance by the vessel, onboard team and collaboration with our partners ensured completion of the offshore scope within the required timelines and delivery to our client's satisfaction. Excellent SHEQ performance throughout the project, despite logistical challenges and icy conditions. An efficient and transparent data processing and reporting flow contributed to a controlled and efficient approach to acquisition and project success.

SHEQ

Aligned SHEQ goals are fundamental to the way in which N-Sea operates. We encourage and train our people across our worksites, providing them with the support and assistance required to operate safely.

“WE GENUINELY CARE. OUR TARGET IS NO HARM TO PERSONNEL AND NO IMPACT TO THE ENVIRONMENT”

Our safety initiatives are a key driver to ensuring we achieve the highest safety standards:

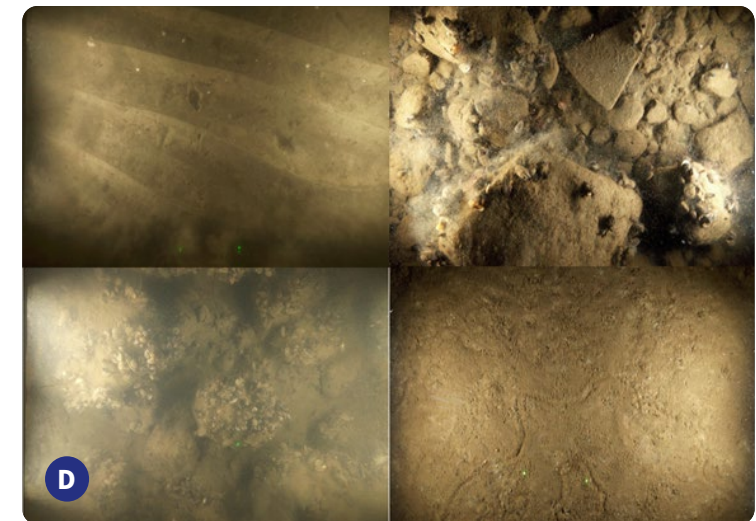
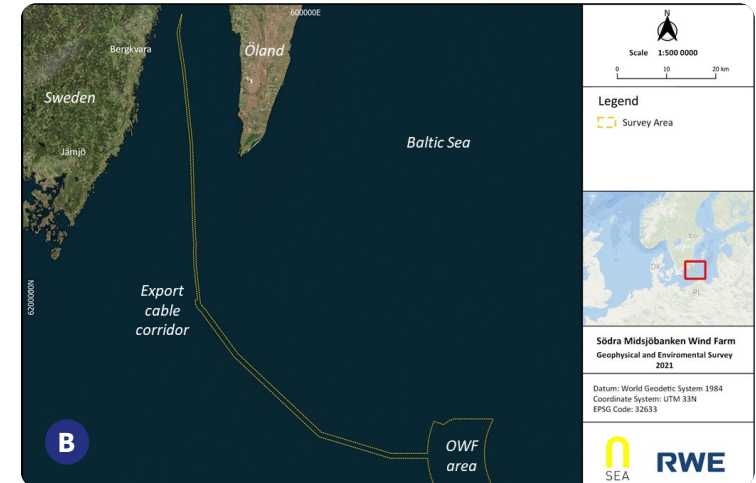
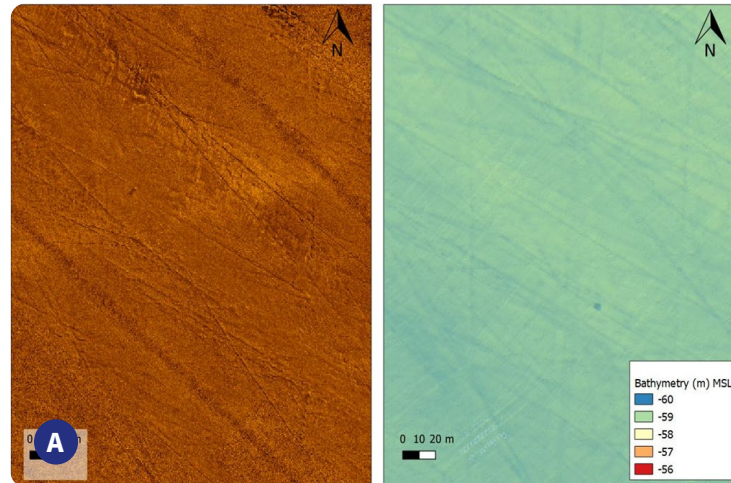
- by applying visible leadership, workforce engagement and effective intervention
- with a minimum impact on production
- considering environmental factors
- without compromising quality

N-Sea’s objective is to provide an environment where all those involved in/or are affected by the activities we perform, are safe and empowered to stop the job if they feel it is unsafe.

We are driven to perform in accordance with the industry best practices and meet the requirements of ISO 9001 (Quality Management), ISO 14001 (Environmental Management) and ISO 45001 (Occupational Health & Safety).

We strengthen the above through our distinctive four-pillar approach:

- SAFE** Safety excellence is at the heart of everything we do
- TOGETHER** We work and operate as one group, teamwork is our strength
- SOUND** We listen then deliver
- SWIFT** We understand the priorities of our Clients



A Trawls scars identified by SSS and MBES **B** Survey location **C** Grab samples **D** Environmental video footage