



OFFSHORE WIND



where *blue* meets *green*...



About Cyan

Cyan Renewables is a leading provider of marine and subsea services to the global offshore traditional, transitional and renewable markets.

With a fleet of modern offshore vessels and deep expertise across marine, subsea and project logistics, Cyan delivers integrated solutions that support offshore wind projects through every phase – from early field development to operations and maintenance.

Our core offshore wind services include vessel support, geophysical and light geotechnical surveys, inspection and light construction, marine grouting, stabilisation and scour protection, operations and maintenance and turnkey transportation solutions.

Cyan is a trusted partner to the world's leading offshore wind developers and contractors, known for delivering safe, tailored support in complex marine environments. From early site investigations to full-field asset support, our global team is committed to enabling the growth of offshore wind with innovative, efficient and environmentally responsible marine solutions.



Offshore Wind **Services**



Vessel **Services**

Cyan operates a versatile fleet and delivers integrated vessel, subsea and logistics solutions across all phases of offshore wind projects. Our tailored services include:

- Walk-to-Work and accommodation support
- Wind farm construction support
- Crew/supply transfers and noise mitigation
- Inspection, maintenance and repair (IMR)
- Subsea survey and O&M support



Geophysical & Geotechnical **Surveys**

With experience across Australia, Taiwan and South Korea, we deliver reliable site data to support wind farm planning and design:

- Reconnaissance and engineering geophysical surveys
- Hydrographic surveys
- Vibrocore, piston/drop core and box core sampling
- CPT and CPTu testing
- Full site characterisation surveys



Operations & **Maintenance**

We reduce downtime and ensure asset integrity through comprehensive O&M services:

- ROV, MBES and visual inspections
- Seabed, scour and UXO monitoring
- Rock bag/mattress installation
- Cleaning, intervention and emergency response
- Data processing and GIS integration



Inspection & Light **Construction**

Our ROV and vessel solutions support key offshore construction activities:

- ROV inspection and intervention
- Seabed levelling and trenching
- Mattress/cable installation and PLIB surveys



Scour Protection & **Marine Grouting**

We deliver efficient subsea protection solutions tailored for offshore wind:

- Scour mitigation and VIV remediation
- High and ultra-high strength marine grouts with rapid installation systems



Ecosystem **Integration**

Cyan partners with developers to create marine habitats that align with sustainability goals. Our reef structures provide scour protection and ecological value using low-carbon, recycled materials.



Turnkey Transportation **Solutions**

We manage full-scope logistics from early works to construction and O&M:

- Heavy lift transport and personnel transfer
- Towage and barge support
- Site prep and greenfield logistics



Case Studies

Geophysical & Geotechnical Survey Services

Project Name: Gippsland Offshore Windfarm Development

Location: South-eastern Australia

Cyan supported Orsted Offshore Australia with integrated geophysical and geotechnical survey services for wind farm development in the Gippsland region. The goal: deliver high-resolution seabed and subsurface data to inform foundation design, cable routing, and geo-hazard assessment across 10–70m water depths.

Geophysical surveys were conducted from October to December 2024, followed by geotechnical sampling in March-April 2025. Key objectives included mapping seabed morphology, subsurface geology, and identifying potential obstructions.

Sensors used:

- Multibeam Echo Sounder (MBES)
- Sidescan Sonar (SSS)
- Sub-bottom Profiler (SBP)
- Magnetometer
- Ultra-High Resolution Seismic (UHRS)

Geotechnical investigations targeted three priority zones - two foundation sites and the export cable route - using locations guided by geophysical data. Cyan delivered a safe, integrated site characterisation campaign with zero LTIs.

The results:

- De-risked Orsted's design and installation planning
- Informed early-stage engineering and environmental studies
- Enabled confident project progression backed by quality data

Rock Bag Installation Services

Project Name: Zhong Neng Offshore Wind Farm - Rock Bag Installation

Location: Taiwan Strait

Cyan was engaged to deliver precision installation of engineered rock bags at the Zhong Neng Offshore Wind Farm in the Taiwan Strait, building on our strong track record operating in Taiwan.

The scope focused on protecting critical subsea infrastructure at cable protection system (CPS) and foundation sites, requiring tight installation tolerances, coordinated deck operations, and high-resolution pre- and post-installation MBES surveys.

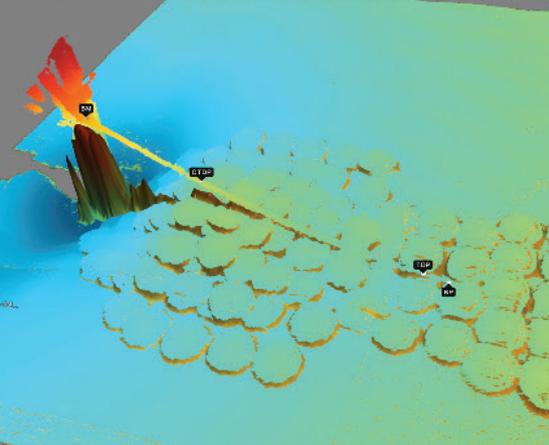
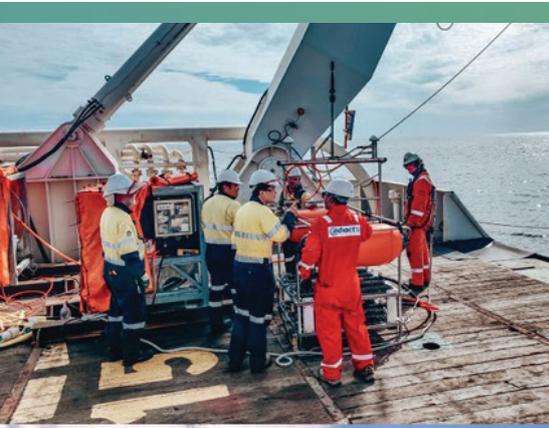
Cyan deployed the MMA Vigilant, equipped with:

- 50 Te AHC knuckle boom crane
- Work-Class ROV for monitoring and survey
- Integrated MBES survey spread

Scope highlights:

- Supply of the engineered rock bags
- Seabed survey and verification
- ROV inspections and dimensional checks
- Precision installation at CPS and foundation locations
- As-built survey confirmation

The project was completed safely, within tolerance, and with zero LTIs - delivering essential seabed protection and supporting long-term infrastructure resilience.



Our Locations

Aberdeen, UK

Ground Floor
The Exchange 1
62 Market Street
Aberdeen
AB11 5PJ

Ph: +44 1224 659950

Esbjerg, Denmark

Kanalen 1
Esbjerg
Denmark 6700

Kuala Lumpur, Malaysia

Unit 30-01, Level 30
Tower A, Vertical Business Suite
Avenue 3, Bangsar South
No. 8, Jalan Kerinchi
59200 Kuala Lumpur
Wilayah Persekutuan
Malaysia

Ph: +603 2783 9191

Seoul, South Korea

18 Teheran-ro 27-gil
Gangnam-gu, Level 3
Seoul
South Korea 06141

Taipei, Taiwan

No. 170, DunHua N Rd
Songshan District
(宏泰世界大樓)
Taipei City
Taiwan 105

Singapore

Republic Plaza, #15-04
9 Raffles Place
Singapore, 048619

Ph: +65 6265 1010

Perth, Australia

Level 10
12-14 The Esplanade
Perth WA 6000
Australia

Ph: +61 8 9431 7431

Melbourne, Australia

Level 23, Tower 5
Collins Square
727 Collins Street
Docklands VIC 3008
Australia



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8 Regions **35** Vessels **+1800** Employees