Simple, flexible & effective installation support based on the combined experience of our industry partners. We offer a comprehensive solution in engineering, logistics & operations support.

- Installation Engineering
- Follow-up & coordination of onshore & offshore activities
- Harbor hub logistic management
- Transport Engineering & Operations
- Commissioning

OUR REFERENCES

- Innosea - Pre-RED
  Installation Engineering for two 500MW wind farms off the French coast.
  Installation scope covered Foundations, WTGs, inter-array cables, O&G Port assessment, Weather Downtime analysis & Marine Coordination

- VMS - Veritywind
  Onshore assembly works of the Veritywind prototype. Services include: Owner’s Engineering during construction, Supervision of civil works, Hub assembly & erection, Rotor assembly, Assistance to grid connection

- OCTRA - General Electric
  Transport & handling of heavy and / or large cargoes
  Transport of Offshore Wind Turbines

- ADF - General Electric
  Design & calculation for Transport Frame Halade 1 & Halade 2, Manufacturing of 31 machine-welded transport frames & tools for manufacturing

- Leroux & Lotz Industry - Installation Equipment
  Design & Manufacturer of custom made for heavy & complex equipment, machineries & systems for Renewable Energies

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OFFSHORE INSTALLATION SUPPORT

Engineering – Manufacturing – Transport - Logistics

Neopolia is a one-stop-shop providing a comprehensive offer dedicated to marine renewables & offshore wind industry. Our installation support offer is designed to help project developers during the derisking phase & installation contractors during the construction phase.

By joining forces, our committed partners are responsive & offer a wide range of services.

The Solution to address:

- Lifting operations, Marine operations, Planning & Weather downtime studies
- Installation aids fabrication, Onshore pre-assembly, Pre-commissioning, Inspection
- Logistic hub creation & required quay reinforcement for operations
- Marine Coordination, Site survey, Harbor activities management, Marine Warranty surveyor, Heavy Lift Transport
- Commissioning & Start-up
OFFSHORE INSTALLATION SUPPORT

Who?
Who are the potential buyers?
- Installation EPC Contractors
- Project Developers / Owners

Why?
Why commission this service?
- Engineering support during derisking phase
- Owner engineering
- Engineering support during detailed design phase
- Fabrication services during Construction phase
- Logistic services during Construction phase
- Commissioning services

What?
What type of organisations available for project support:
- Shared experience & culture, flexibility & adaptability
- Engineering team
- Logistics support team
- Fabrication sites
- Transport facilities / Transportation tools

Where?
Where is this service applicable:
- Bottom Fixed Offshore Wind / Floating Offshore Wind
- Tidal / Offshore Energy / Wave Energy
- Operations globally

When?
When should you contact us?
- During derisking phase
- During construction & Installation phase

Category 1: Installation engineering supports
- Appropriate crane selection & development of lifting plans, detailed lifting analyses
- Cargo-structural analysis for maritime operations & sea voyages
- Route strength analysis
- Analysis & design of marine operations
- Operation support & maintenance planning
- Heavy loads movement simulations
- Marine Operations planning & design
- Weather & sea conditions studies

Category 2: Fabrication support
- Installation aids design & fabrication
- Onshore pre-assembly of components (including shifting, lifting, assembling, coating & cabling operations)
- Pre-commissioning of equipment prior to offshore installation
- Inspection of equipment prior to offshore installation (FAT, SAT, ...)

Category 3: Commissioning & start-ups
- Instrumentation & Mechanical Inspection
- Onshore & offshore commissioning
- Start-up
- Preliminary follow-up

Category 4: Logistics & operations support
- Site survey (local seabed survey, route survey)
- Project management of harbor activities (including scheduling, risks analysis, safety interface with authorities)
- Consulting services (Marine warranty surveyor & Port Captain)
- Heavy Lift Transport (very heavy cargoes, RO/RO & F/D F/C operations, Lifting & Slidding operations, Sanger transport)

Category 5: Logistic hub creation
- Quick reinforcement (preliminary loads analysis)
- Logistic hub definition & construction