

FLOATING PLATFORMS FOR 5, 10, 15 MW WINDMILLS

Client	Energy Company
Field	Any
Location	Any
Waterdepth	20-250 m
Type	SPREAD MOORED
Mooring lines	TBC

Windmill Capacity	Approximate steel weight
MW	Metric Ton
5	1,500
10	2,000
15	3,000

Information

1. Structural design and class approval.
2. Fabrication of the hulls at own yard or specific yard.
3. Integration with windmill manufacturer.
4. Mooring, chain, anchor design and supply.
5. Power cable design and subsea configuration and analysis .
6. Offshore Installation of floating platform.
7. Full EPIC .
8. Patented design.



PROJECTS TRACK RECORD RENEWABLES

CLIENT	PROJECT	COUNTRY	CLASS SOCIETY	WATERDEPTH	DESCRIPTION OF PROJECT	TYPE	YEAR
DEEPBLUE	15 MW FLOATING	ASIA	BV	30-200 M	<ol style="list-style-type: none"> 1. Design of a floating windmill for a 15 MW tower 2. Stability 3. Structural design 4. Hydrodynamics 5. Mooring analysis 6. Design drawings 7. Cost estimation 		2021
Mooreast / Blue Ocean	Rubsh removal in Klang river	Malaysia	NA	5 m	<ol style="list-style-type: none"> 8. Hydrodynamic of rubbish collecting vessel. 9. Mooring system design for rubbish collecting vessel 10. Review of floating barrier design and operation 		2021
Mitsui	Floating Windmill	Japan	DNV	70 m	<p>Detailed Engineering and design for a floating windmill:</p> <ol style="list-style-type: none"> 1. Naval Architectural requirements 2. Mooring and anchoring system 3. Suction piles and drag anchors design 4. Installation procedures and engineering review 5. Cost estimation for mooring system and installation 		2016
GLOCAL	Floating Windmill	Japan	DNV	70 m	<p>Detailed Engineering and design for a floating platform:</p> <ol style="list-style-type: none"> 1. Naval Architectural requirements 2. Hydrodynamics 3. Mooring design and anchoring system 4. Suction piles and drag anchors design 5. Installation procedures and engineering review 6. Cost estimation for mooring system and installation 		2015