

ADIRA

RENEWABLES



Embracing
The New Energy Change



1. Horizontal Directional Drilling

- Thaitan International Pte. Ltd. (TIPL), a subsidiary of Adira Renewables, part of the Kim Heng Group provides a integrated package of Horizontal Directional Drilling (HDD) services for beach landings & cable crossings for both power cables & optic cables.
- With regards to the construction of offshore windfarms, TIPL has installed 21 out of 25 shore crossings totaling an accumulated export cable length of 8 km in Taiwan.



1

2



OUR CAPABILITIES



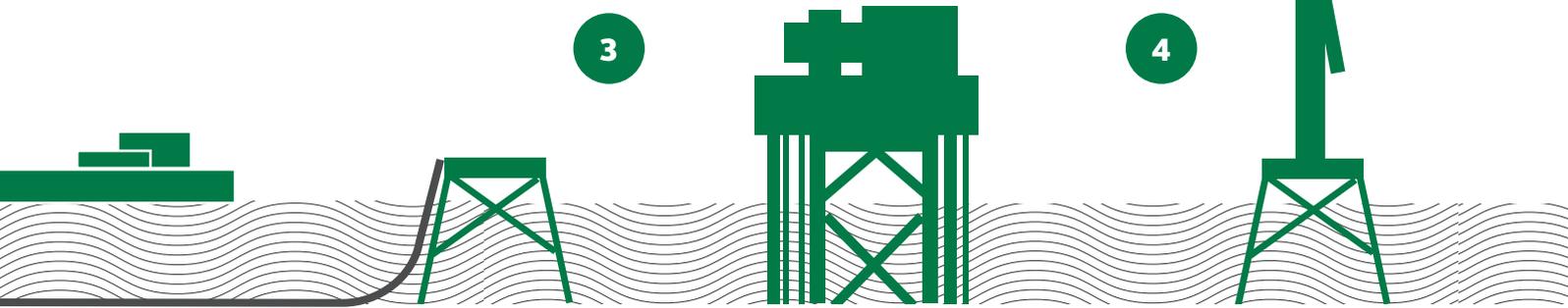
2. Export Cable Laying Barge

- Kim Heng 186, an export cable pulling support barge equipped with 4 point mooring system, two spuds and 150t crawler crane on board works deployed in shallow water area near shore Changhua, as a relay station to pull export cable of Greater Changhua offshore windfarm.
- Currently the Adira 300 DP2 cable lay barge equipped with a 3000 ton turntable is under construction and will become available early 2023 for nearshore export cable and interconnector installation projects. Besides the DP2 system of Kongsberg, the Adira 300 will also be equipped with a 6-point mooring system and will therefore have unique nearshore capabilities.



3. Offshore Substation Assembly

- Adira Renewables was awarded a contract to provide manpower, procurement, equipment supply and logistic support for the offshore sub-station topside of the Taiwan Greater Changhua offshore windfarm project.



4. Wind Turbine Assembly

- Adira Heavy Lift, a subsidiary of Adira Renewables, part of the Kim Heng Group, was awarded a contract for its 1250T Crawler Cranes to perform onshore column and WTG installation works in Gai Lai, Vietnam.
- It will also endeavor to secure future projects to perform lifting & installation of WTG for the Vietnamese offshore windfarms.

Adira Renewables

- Grillage fabrication
- Offshore wind turbine lifting & installation
- HDD installation of power cable
- Shallow water export cable laying
- Floating wind catenary mooring line installation

Kim Heng Marine Construction

- Chartering of tugs & barges
- Marine civil construction
- Salvage & diving services

Kim Heng Oilfield

- Agency services & crew change
- Oil rig afloat repair & riding crew
- Stockist of drilling tubulars
- Offshore drilling equipment inspection, repair & maintenance

Bridgewater Offshore

- Owner & operator of AHT & AHTS
- Offshore transportation of extra-large cargo
- Rig towage & mobilization

Kim Heng Shipbuilding & Engineering

- Steel structures fabrication
- New build vessels & ship repair
- Tugs & barges

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