

FAST Power Barge

Bringing Rapid, Reliable and Safe Power Delivery

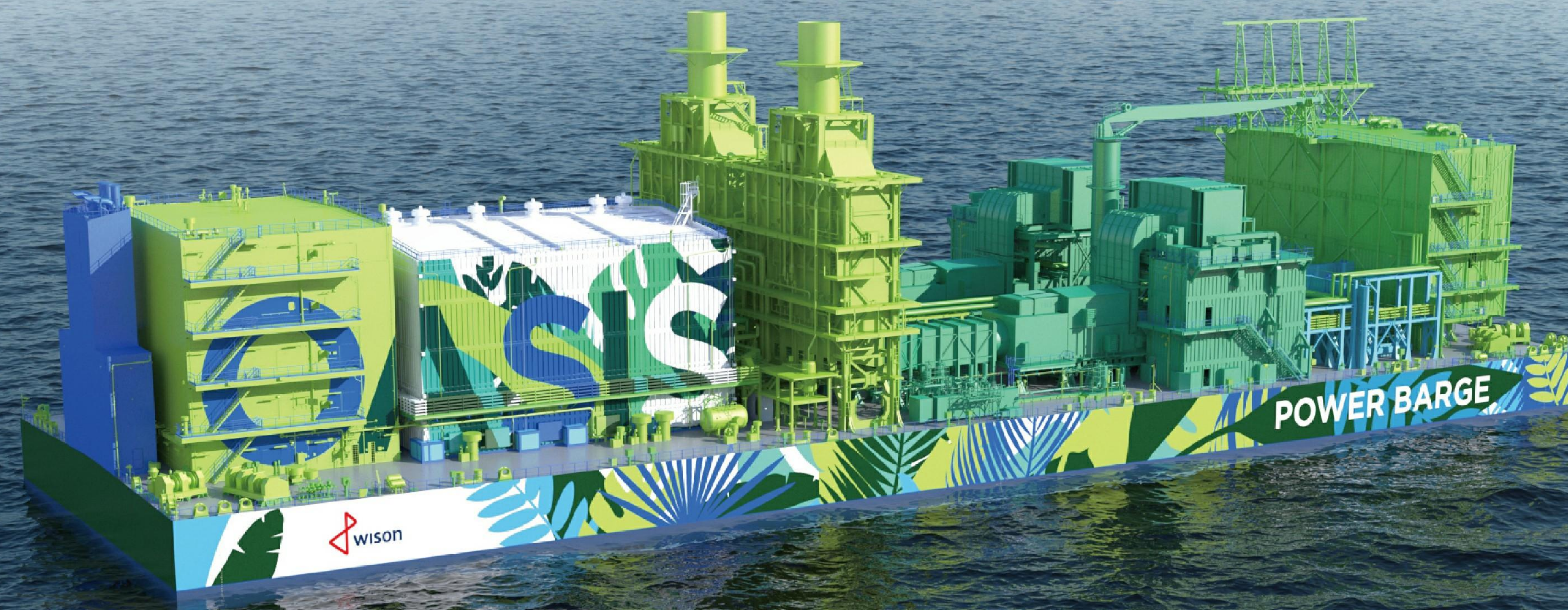
Wison Offshore & Marine Ltd.

633 Zhongke Road, Zhangjiang, Pudong, Shanghai, 201210, P.R.China

Tel: +86-21-2030 6000

www.wison.com





Reliable & Safe Design

The FAST Power barge design provides a highly efficient combined cycle power block incorporating two Ansaldo AE64.3A gas turbines with one steam turbine.

Power Barge is able to operate on island mode with Black start capability.

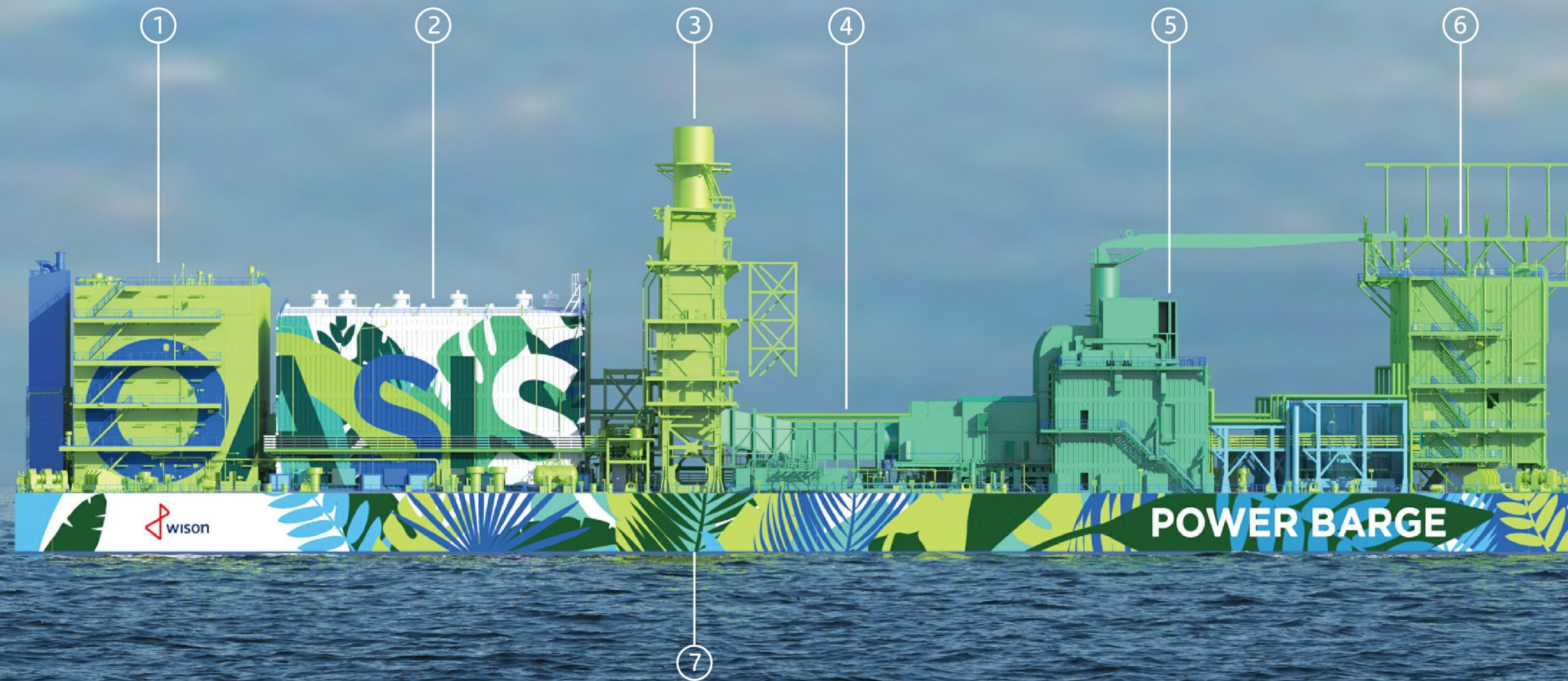
The Power Barge can be moored either at a jetty or dolphin marine infrastructures.

Key design features include:

Length:	167.5m
Breadth:	52m
Depth (to main deck):	12.5m
Design Draught:	~6.0m
Design life:	25 years
Installed capacity (@50Hz):	235 MW (@ISO)
Combined cycle efficiency:	54% (@ISO)
Person on Board (POB):	40 persons

Bureau Veritas has been engaged for Classification.

FAST Power Barge Setup



- ① Deck House with Central Control Room, Offices
- ② Steam Turbine Hall
- ③ Once Through Steam Generators (OTSG)
- ④ By-Pass Stack (Option)
- ⑤ Two Ansaldo AE64.3A Gas Turbines connected to OTSG
- ⑥ Aux. Transformers, Gas Insulated Switchgear(GIS) & Transmission Gantry
- ⑦ In Hull Machinery Space with Pumps and Auxiliary Equipment's

Flexible Deployment & Fuel Sources

FAST power barge can use fuel from a number of sources making it adaptable across multiple deployment scenarios:

Gas-to-Power: Fuel direct from a gas pipeline system, (treated or partially treated)

LNG-to-Power: Fuel re-gassed from an LNG source.

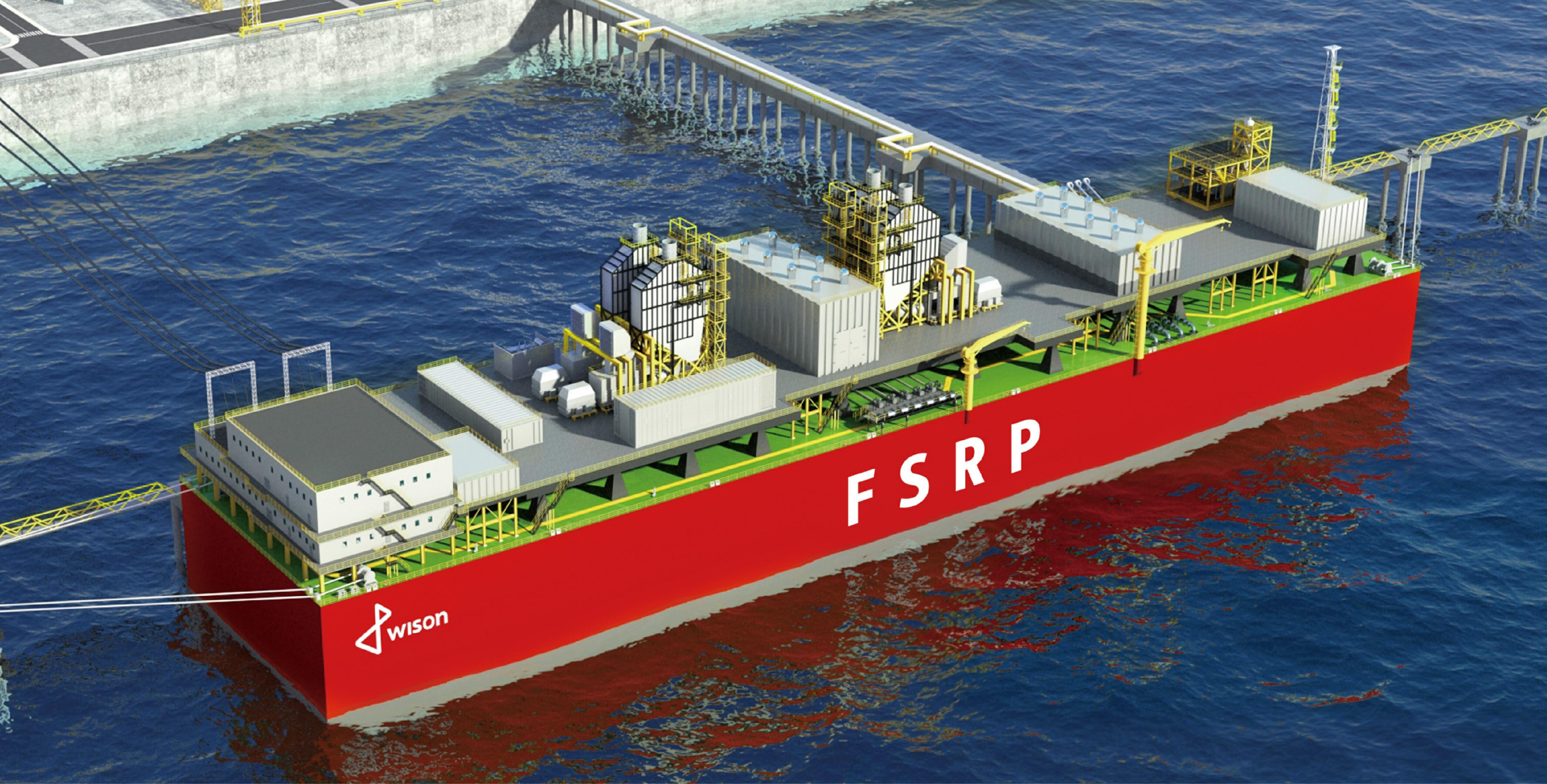
3D Image shows the potential marine facility configuration for receiving LNG as fuel source:

FAST Power barge is moored to a jetty or dolphin marine infrastructure,

FSRU is moored adjacent to the power barge for LNG receiving, storage and regasification,

LNG Carriers offload LNG into the FSRU.





| FSRP - An Integrated Solution

Economical
Efficient solution with favorable gas price saves cost and benefits end users and provides higher returns for local participants.

Flexible
Facility can be redeployed to another location.

Quick-to-market
Shorter project lead time than conventional land-based power plant.

Eco-friendly
Environmentally friendly fossil fuel. Almost Zero PM, SOx and very low Green House Gas emissions.

Security of supply
FSRP solution allows diverse use of fuel (LNG, Diesel and others), providing options for continuous operations.

NIMBY
FSRP solution allows for the facility to be moored near-shore that is not at direct sight from the local community.

Permitting
Fewer permit requirements than land-based facility saves project time & cost.

Low execution risk
Limited in-country scope. Facility built and tested in our yard.

Adaptable Commercial Solutions

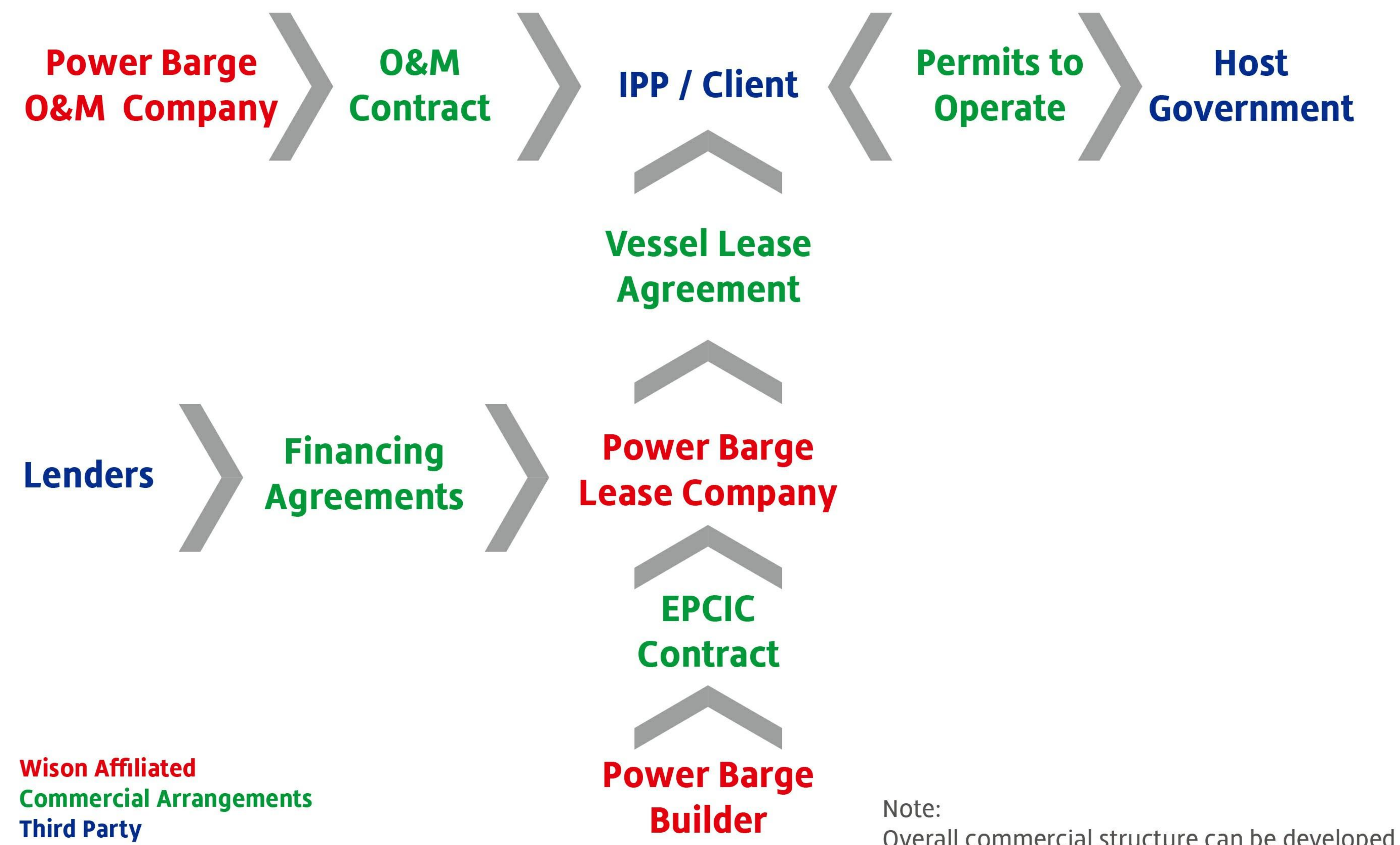
EPC+IC Sale Option

Traditional lump sum EPC (ex-works) with the option to undertake transportation, installation, commissioning, start-up (IC) and handover to others.

Lease Option

Wisom build, supply and operate the facility under a Build, Own, Operate & Lease (BOOL) approach incorporating the Vessel Lease agreement (Bare Boat Charter) & Operations contract (together with Shanghai Power)

In addition, Wisom can develop an IPP JV commercial arrangement with the Client and/or other investors



Note:
Overall commercial structure can be developed in accordance to client requirements. Subject to terms and conditions.