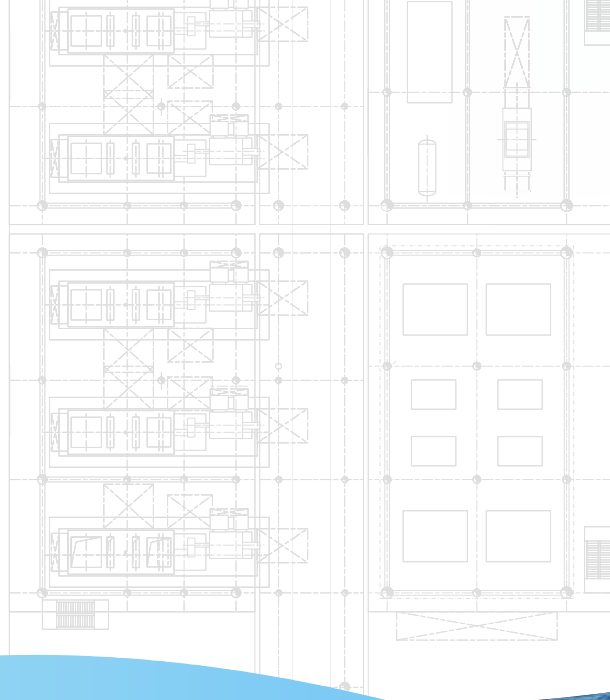




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FLNG

Floating LNG Solutions



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Sustainable Development Philosophy

Continuous investment in Product R&D to match the market needs for clean and efficient energies, enabling a greener future without harming the environment.

2016-2022



Fast track & Flexible
deployment



LOW EMISSION


BEYOND THE HORIZON
NO EMISSION

2024



Targeting 15~20%
emission reduction

2050



Targeting 80%
emission reduction



FLNG Solutions Key Principles



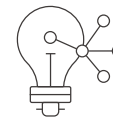
Standard Solutions

Shorter schedule and lower Capex
based on standardized design



Low Carbon Solutions





Low Emission solutions to meet
market needs



SMART Solutions

Low manning and OPEX optimization

Standardized FLNG Design

Standardized Design / train	0.6 MTPA series	1.2 MTPA series	1.5 MTPA series	1.8 MTPA series
 Liquefaction technology	CHART IPSMR	CHART IPSMR	CHART IPSMR	CHART IPSMR
 Cold box	3 cores	6 cores	6 cores	8 cores
 By-products	LPG/Heavy hydrocarbon	LPG/HC	LPG/HC	LPG/HC
 Gas turbine	PGT25+G4	LM6000PF+	LM9000	LM9000+IAC



Single mixed refrigerant cycle



Proprietary brazed aluminum heat exchangers



No refrigerant pumps



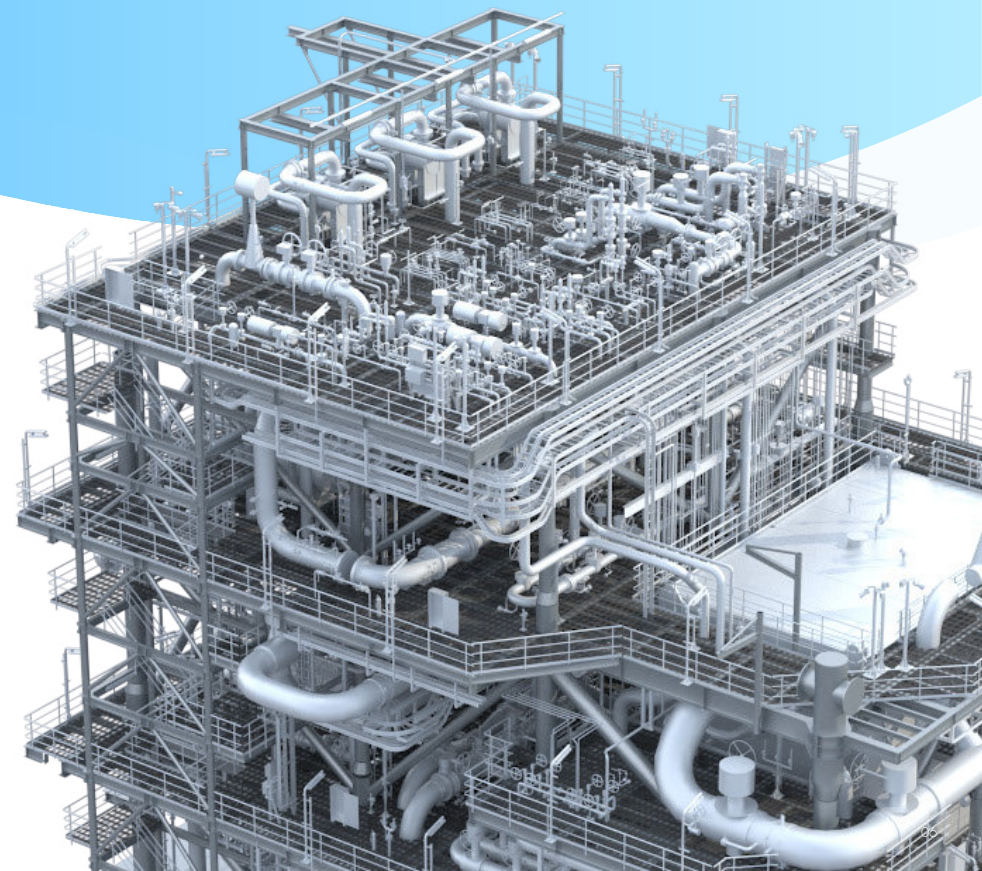
Significantly better efficiency



Modularized and scalable approach



Less equipment and lower cost



WNE's FLNG Portfolio Overview

Based on the standardized FLNG design solutions, WNE offer a range portfolio of FLNG facilities from 0.6 to 6.0 MTPA, provide flexible and customized options to clients to reduce investment costs and improve efficiency.

* WNE FLNG standardized design can also be applied to onshore LNG plant design.



Standardized SPB Tank into Hull



Built in parallel with hull construction, followed by a much easier and faster installation by 5 to 8 months against membrane



Shorter Lead Time attributed to diversified-local low-carbon supply chains and auto-welding ratio over than 80% in length



Inherently safe, robust, sloshing-free and with low Boil-Off



Delivery competency & commercial viability proven



Highly Automated Production Line



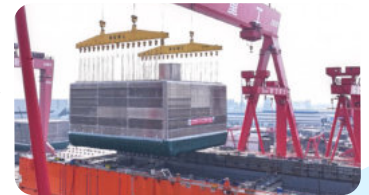
Cutting



Block Assembly



Final Grand Assembly



Installation

Low Carbon Solutions



Combine Cycle Power Generation
drop about 10% Carbon release



Carbon Capture Technology
capture the carbon release and reinject back or deliver to users



Integrated Full Power Drive FLNG
RAM and power generation efficiency are rising, so it will drop overall 20% FLNG carbon release



Fugitive Emission Prevention
ensure that all equipment is designed to eliminate or reduce fugitive emissions



LNG Liquid Expander
generate more power and also will decrease BOG generation



Deep Sea Water Caisson
increase LNG liquefaction efficiency thus decrease carbon release





Highly Intelligent FLNG

Optimize Process Control



The ability to incorporate dynamic process modelling to provide tighter quality control, which in turn enables real-time, adaptive control to manage changing process conditions online.

Intelligent Robot Inspection



Intelligent robot inspection can significantly reduce the number of operators on board, with the potential to achieve unmanned operation.

Intelligent Predictive Equipment Management



Automatically adjust controls to correct disturbances caused by changing weather, process, or utility conditions (including unloading operations).

FLNG Onshore Remote-control Solution

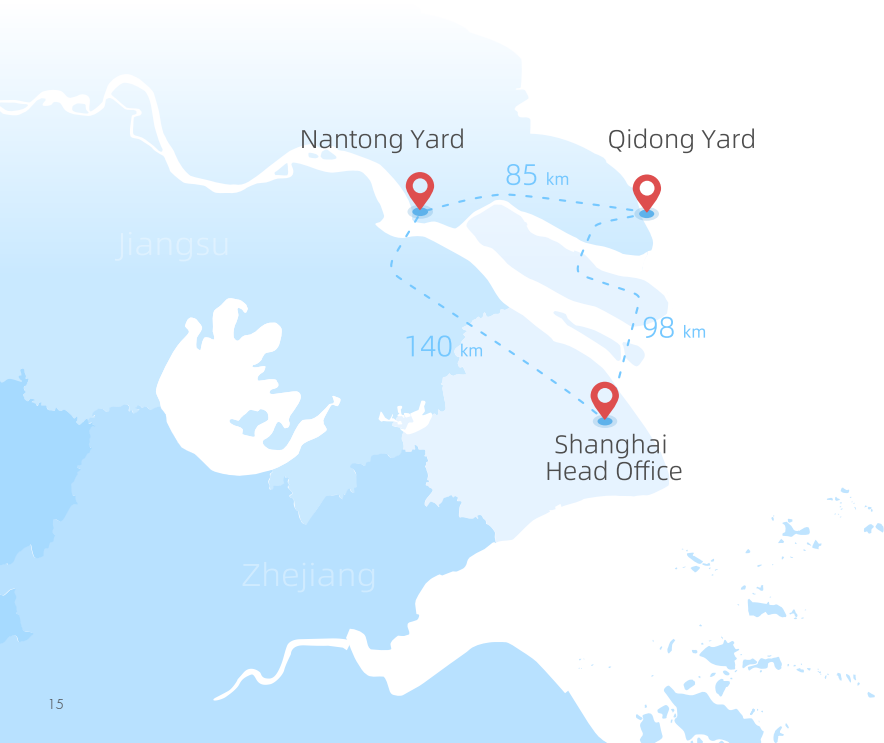


All equipment and operations are conducted on land, avoiding the safety risks associated with offshore or remote area environments, and making it easy for personnel to perform daily maintenance.

WNE Integrated EPCIC Solution

One Contractor, Providing Turnkey Services

With abundant project experience and global resources, WNE provides integrated EPCIC solutions to our clients with full-cycle project customization services and midstream joint venture solutions, ensuring timely and high-quality outcomes.



Shanghai Head Office

Engineering, Procurement & Project Management

- Feed and Pre-Feed as per project specification
- Standardized design significantly shortens schedule
- Detailed design up to "Issued for construction"
- LLI and global procurement

Nantong Yard

Hull & SPB Tank Fabrication

- Dry dock facilities, 2000T gantry crane
- SPB tank and hull can be fabricated in parallel, reducing the overall project schedule



Qidong Yard

Fabrication, Integration & Commissioning

- Large Hull construction
- Topside module fabrication and integration onto hull
- Yard gas trial available to greatly reduce the risk of on-site
- Site commissioning, start-up & handover to Ops

* In addition, WNE has many stable and high-quality collaborative outer resources, that ensuring the successful and high-quality delivery of projects.

Project Showcases

Project Name: Marine XII OFFSHORE FLNG Project

Client: Eni

WNE Scope of Work: FLNG EPCIC (2.4 MTPA)

Sail away planned in 2025



Project Name: PT FLNG Project

Client: Genting

Scope of Work: EPCIC (1.2MTPA)

First steel has been cut on June 7, 2024



Project Name: Tango FLNG Project

Client: Exmar

Scope of Work: EPC (0.6MTPA)

Successful gas trial in September 2016, delivered in January 2017

It has been deployed in the Republic of Congo by Eni since December 2023



Project Name: S188 FSRU

Client: Exmar

Scope of Work: EPC (Regas rate: 600MMSCFD)

Delivered in December 2017
World's first new-build FSRU barge





Onshore LNG Plant

Liquefaction capacity: 1.2 – 3.3 MTPA/Train

Standardized onshore LNG modularized plant, minimizing project schedule and cost

Project Showcase

Client:	Confidential
Work scope:	Engineering, procurement, fabrication, start-up and performance test
Capacity:	5 trains, each with a capacity of 1.2MTPA
Location:	Africa
Schedule:	2022.12 – 2026.04

FLNG Capacity Development Reference Table

/MMSCFD	/MMNM3D	/TCF®	/ MTPA
FEED GAS	FEED GAS	Reservoir	LNG Production
100	3	0.7	0.6
200	5	1.5	1.2
400	11	2.9	2.4
600	16	4.4	3.6
750	20	5.5	4.5
800	21	5.8	4.8
1,000	27	7.3	6.0

① based on 20 years operation, 1 TCF is suitable for about 0.9 MTPA LNG production

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Mission

Vision