

**Operational Excellence Services** 





### **Contact Us**

Technology Inquiries | Contact Us | JGC HOLDINGS CORPORATION

**Access to Our Homepage** 

https://www.jgc.com/en/business/epc/operation-maintanance/service/





### Do you have any needs in your operating plants?

- Sudden shutdown of the plant with unknown root-causes
- Frequent malfunction of equipment
- Unachieved production corrective planning
- Flare minimizing
- Smooth startup operation and flawless maintenance

## What is **WLNG**?

- LNG Cube is a comprehensive technical service package related to LNG plants
- LNG Cube starts from Workshop and Consulting by the world's leading LNG specialists
- Analysis and Consulting leveraged on lessons learnt and operational database from past engineering, construction and operational experiences
- LNG Cube technical services are not limited to existing plants but can be applicable to grassroots plants



I NGFil

LNG Chain Creation

**Engineering Package** 

plant & Regasification package for short delivery and low CAPEX

for Small scale LNG

Less than 1 MTPA Liquefaction





Air Management
Comprehensive solution for all Aircooled LNG Plants with Hot Air

Technologies for Operational Enhancement



World's first Auto-operation enhancement system with Al Technology

LNG throughput enhancing technology leveraged on Al Technology and real-time weather analysis



#### Adapting with BOG

Technology allowing effective conversion of boiloff gas to electricity steam, and hot water

**MINTEGNANCE** 

**Smart** 

Technologies for
Concept
Development
Phase



Modular EPC Concept
EPC execution technology allowing
minimum work load at Site

F-LNG

Building LNG Plant on top of the Sea Engineering technology allowing

Engineering technology allowing realization of Floating LNG Plant

Maintenance Service gy for

Maintenance Management

LNG Cube Technical Service Menu

© 2025 JGC CORPORATION Enhancing planetary health

# **WLNG** (Engineering Consultation Service)

### **Workflow & Results**

- Send Survey Form
- Send Operational Data and Register for LNG **Cube Analysis**

Client

- **LNG Cube Analysis**
- Develop Improvement Plan or General Concept  $(2\sim3 \text{ weeks})$
- LNG Cube Workshop with Client
- Share Improvement Ideas, Execute Consultation
- Implementation of the Plan, Seamless Execution of EPC



### **Our Strengths**

- Abundant experience in commissioning and startup
- Speedy solutions leveraged on numerous of Lessons Learned from past commissioning and startup experience
- Consulting by Project Manager and Study Manager with extensive site experience and EPC execution experience

### **Our Experiences**

Client	Year	Region	Activity
A Company	2017 - 2019	South East Asia	<ul> <li>LNG Cube Workshop (Development of New Digital Solutions)</li> <li>Feasibility Study for the implementation of the Digital Solution</li> <li>Implementation of the Digital Solution</li> </ul>
B Company	2018 - 2019	South East Asia	LNG Cube Workshop (Development of Efficiency Improvement Ideas)     Proposal for Advanced Control System Installation     Feasibility Study of the Advanced Control System Installation (Planned)
C Company	2018 - 2019	South East Asia	LNG Cube Workshop (Development of Production Enhancement Ideas)     Business Case Study for LNG Production Enhancement
D Company	2018 - 2019	Europe	LNG Cube Pre-Workshop (Development of New LNG Technology)     LNG Cube Workshop

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