

# Fuel Gas Supply System: The Core Engine Driving Shipping's Energy Transition

**The Critical Role of FGSS Design & Integration in the Fuels Transition**

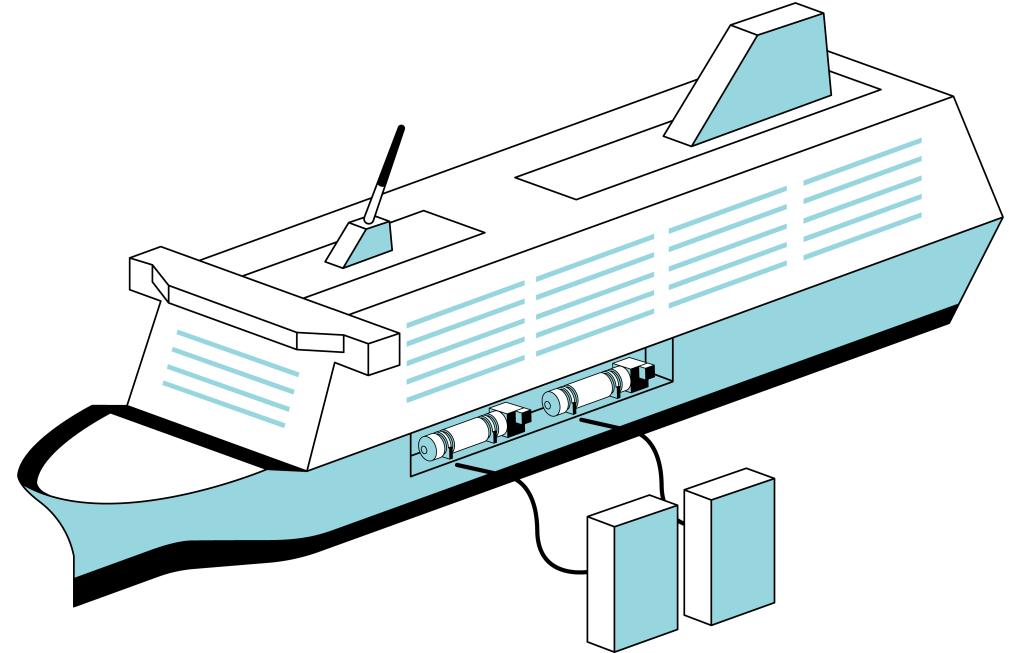
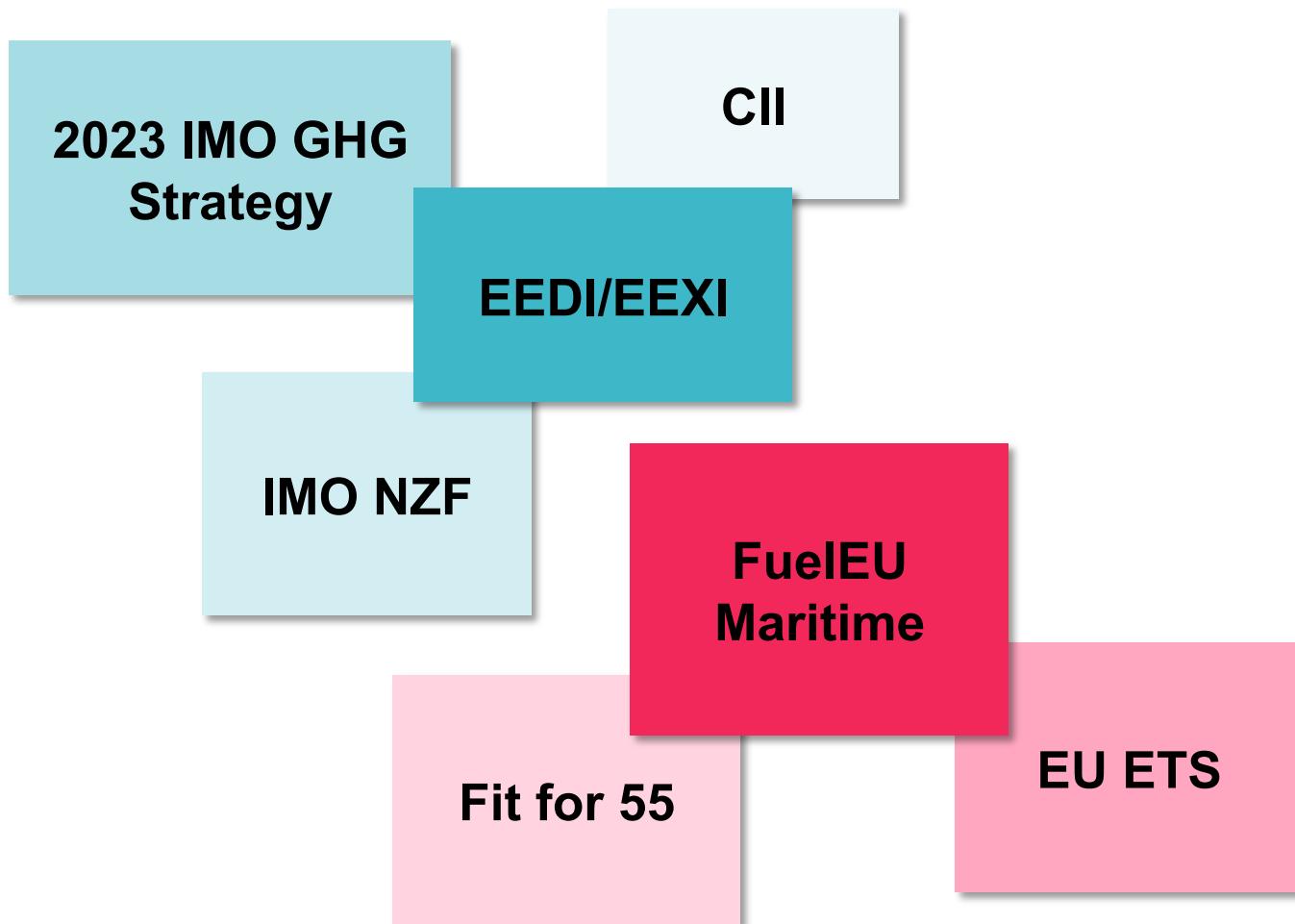


**Sofia Liedholm**  
Operations Manager, Everllence Cryo

# Stay Cool Under Pressure

# Where are we now?

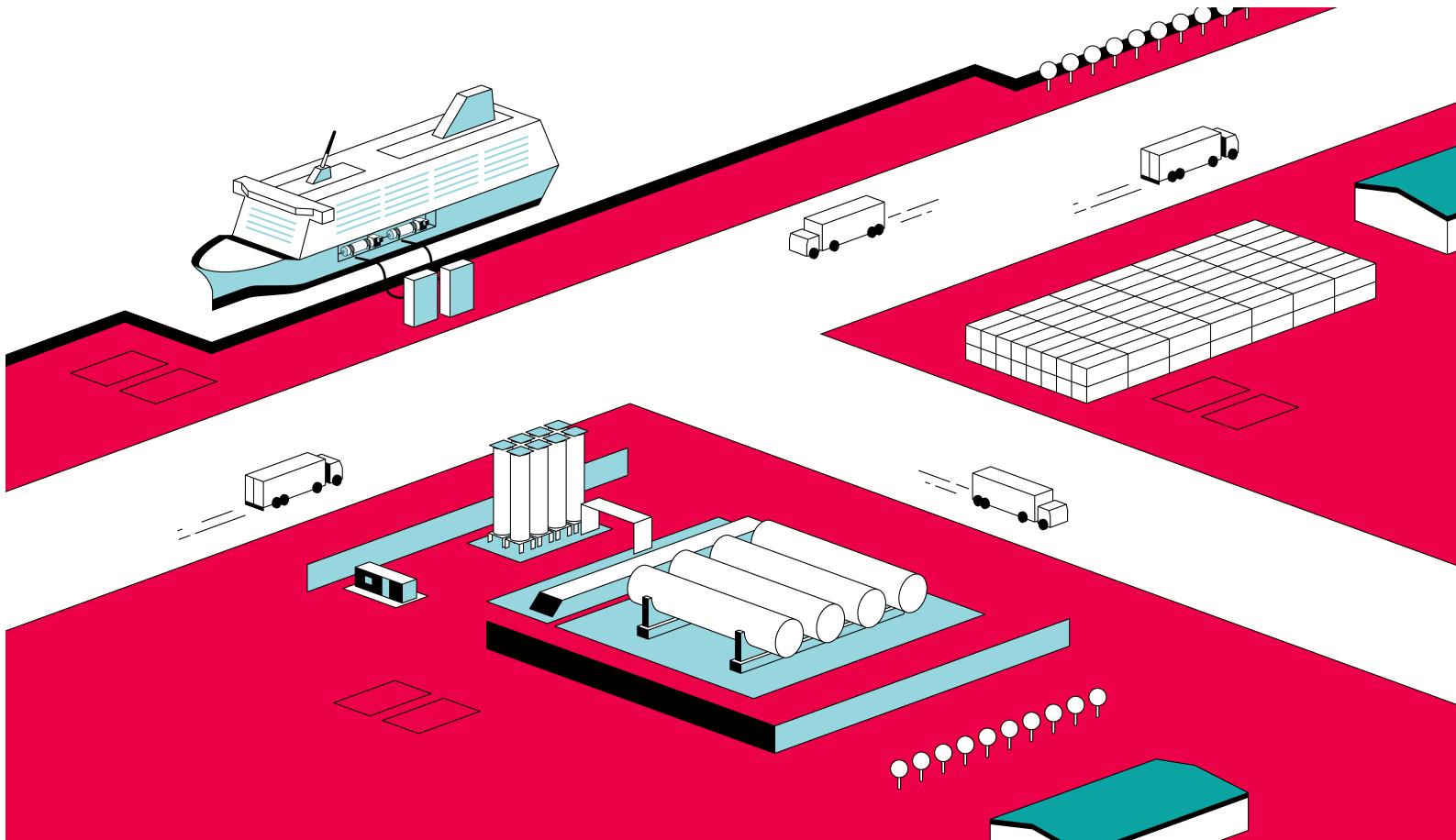
On the pathway towards a sustainable future



**Global Maritime  
Fuel Transition**

# How do we get further?

On the pathway towards a sustainable future



Investment

Regulations

Scaling

Co-operation

# Global Partnership



Deep Manufacturing Capability



Experienced cryogenic engineering

**Everllence**  
**Cryo**

Everllence





**Fuel Gas Supply System for 7000  
CEU PCTC  
COSCO & BYD**

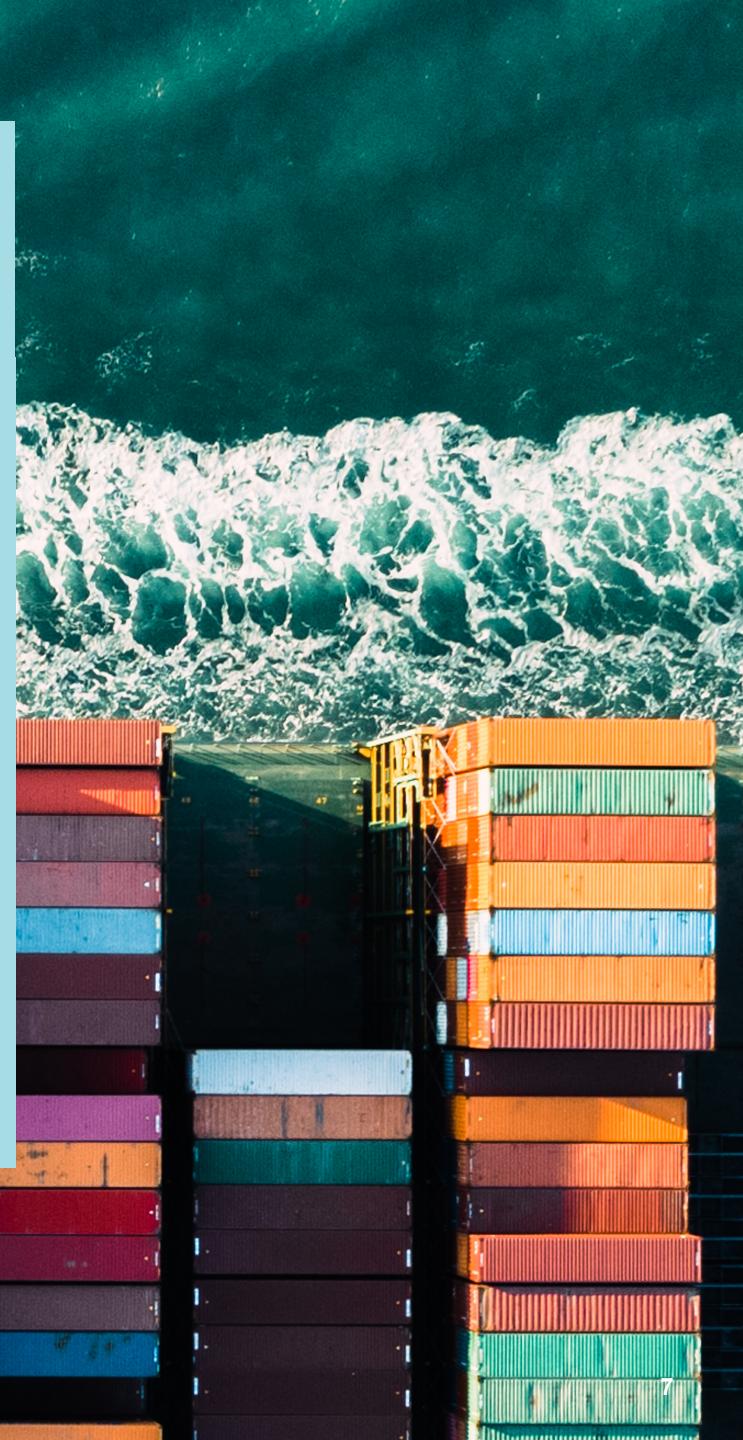


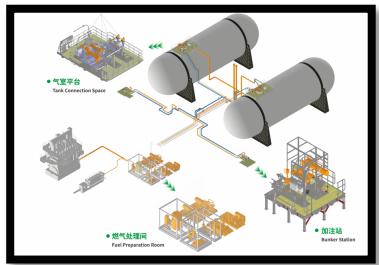
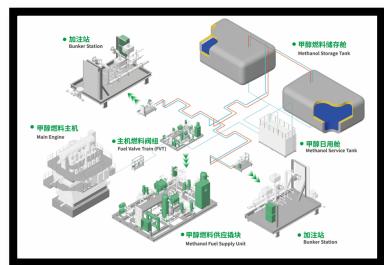
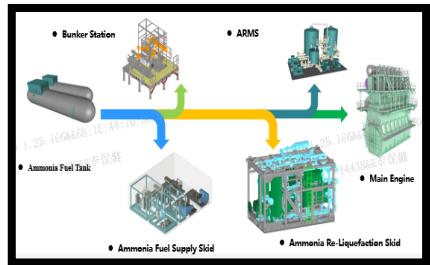
**Everllence**

 **YADA**  
亚达系统

# Everllence Cryo History

- 1956 – Production of first cryogenic tank
- 1999 – **First Ever** marine LNG FGSS delivered (GLUTRA Ferry)
- 2003 – **First Ever** LNG Shore/Ship bunkering plant delivered
- 2004 – First liquid helium container delivered
- 2005 – Delivery of LH2 tanks to Kansai
- 2010 – First LNG fueling station delivered
- 2012 – **First Ever** LNG Bunkering vessel delivered
- 2016 – **First Ever** trailer based LNG FGSS delivered
- 2025 – **First Ever** LH2 FGSS below deck delivered




**FGSS**

**LFSS**

**AFSS**

**Skid Manufacturing**
**1000+**  
Employees

**150**  
Technicians

**73**  
Patents

**39**  
International  
Recognition

**15**  
Production  
Lines

**Own**  
CNAS Lab

**2**  
Production  
Base

**Zhejiang**  
**Jiangsu**
**8**  
Branch  
companies

**180K m<sup>3</sup>**  
factory

**100,000Tons/**  
**Y**

# Critical Role of LNG FGSS



**Mature Technology**

**Fuel Availability**

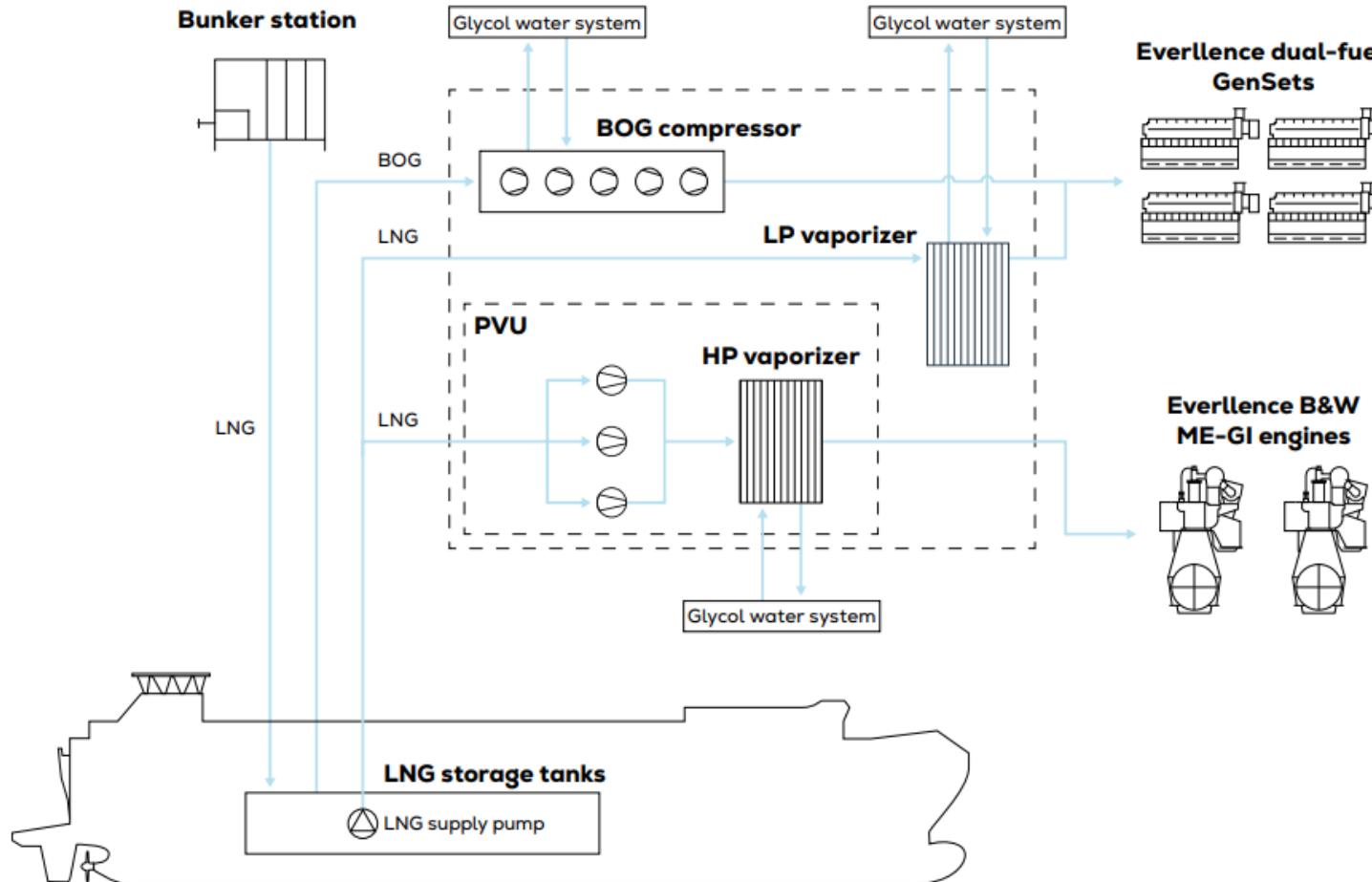
**LNG bunkering infrastructure  
well established**

**Viable transitional fuel –  
immediate emission reductions**

**Bio-LNG and e-methane ready**

# 2-Stroke Marine Applications

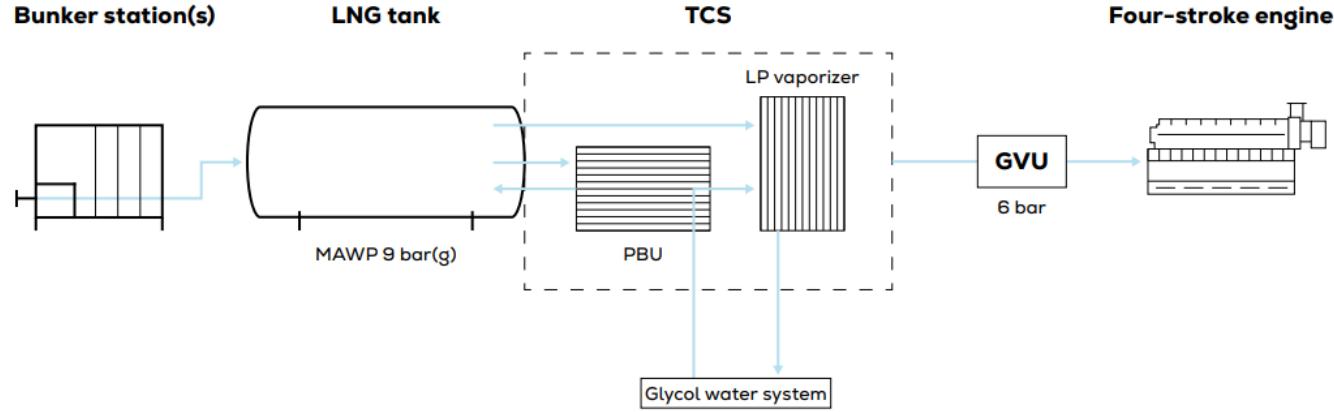
## High Pressure LNG FGSS



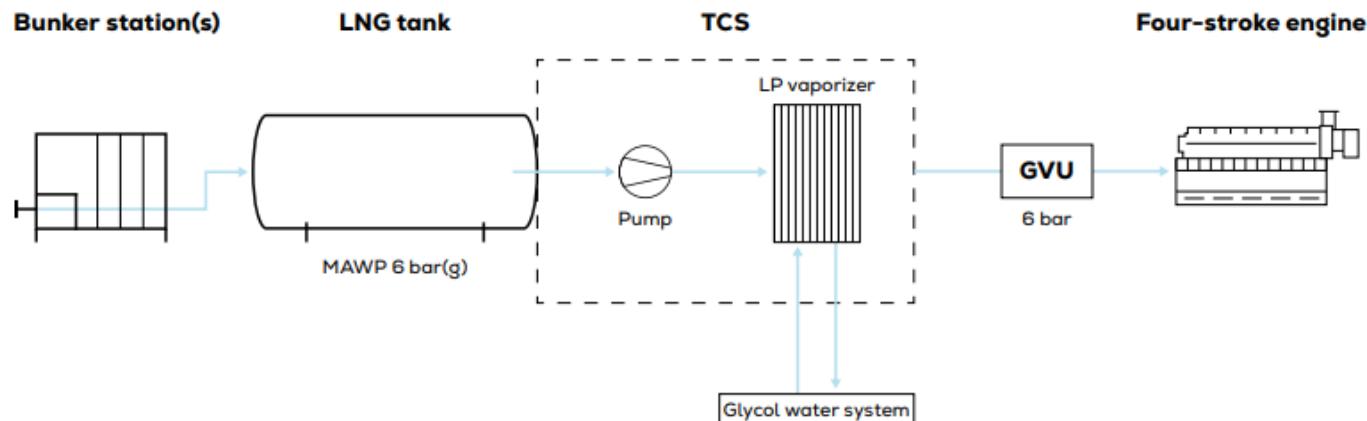
- Proven in many vessel types
- Pump Vaporizer Unit (PVU) designed in-house
- Process engineering for a wide range of tank solutions
- Tailor-made solutions for each project

# 4-Stroke Marine Applications

## Low Pressure LNG FGSS



- Standardized signal exchange with the engine control system



- System including PBU; improved reliability, lower maintenance costs

- System including pump; lower tank weight

# Information management system for Maintenance



# PrimeServ

**100+**

locations worldwide.

Everllence

**60+**

full-service workshops.

 **YADA**  
亚太系统

# Key Advantages

Dual Fuel Supply System Solution

Integrated One-Stop Solutions, Mitigating Total Project Risk

**1** Proven engineering design

**2** Complete delivery

**3** Whole process quality control

**4** Global Service Network

Why is Yada Green Solutions and Everllence Cryo a successful match?





**Methanol Supply System**

**1250 TEU Container**

**X-Press Feeders: 6+2**

**Elbdeich Reederei: 4+2**



**Methanol dual fuel  
RORO Vessel  
Airbus business backs  
Louis Dreyfus RoRo  
new buildings :3**

# Pioneering the Pathway to Zero-Carbon Shipping

Committed to turn your zero-carbon vision into reality



# OCEANKING

**YADA's local  
representative**

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Thank you  
very much!

