

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

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



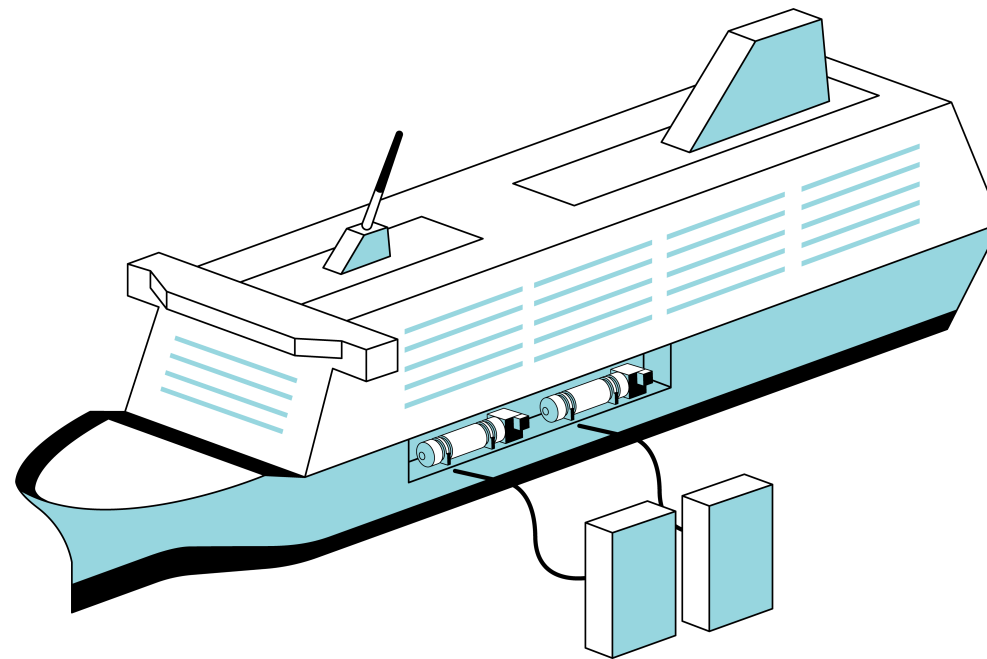
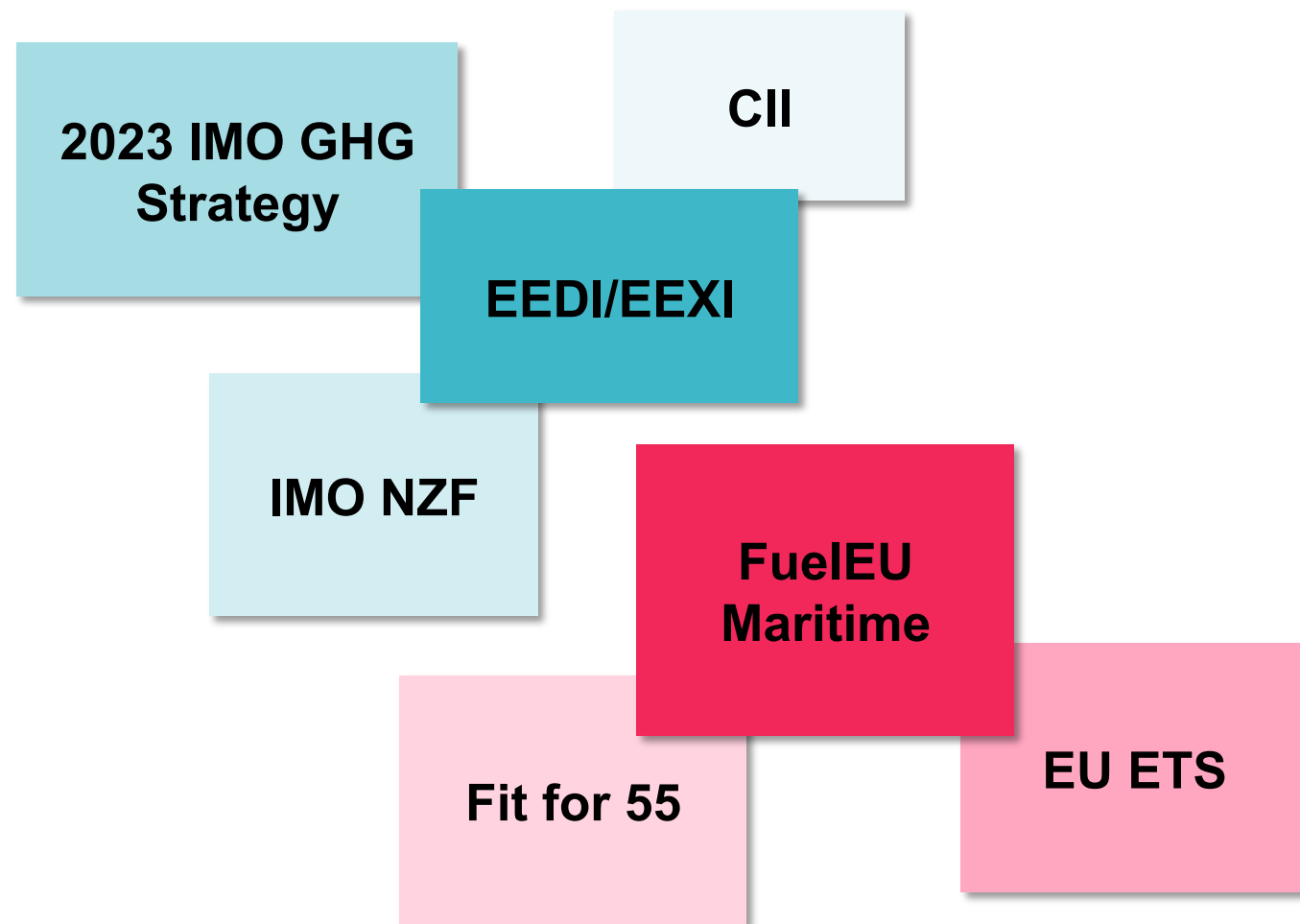
Sofia Liedholm

Operations Manager, Everllence Cryo

Stay Cool Under Pressure

Where are we now?

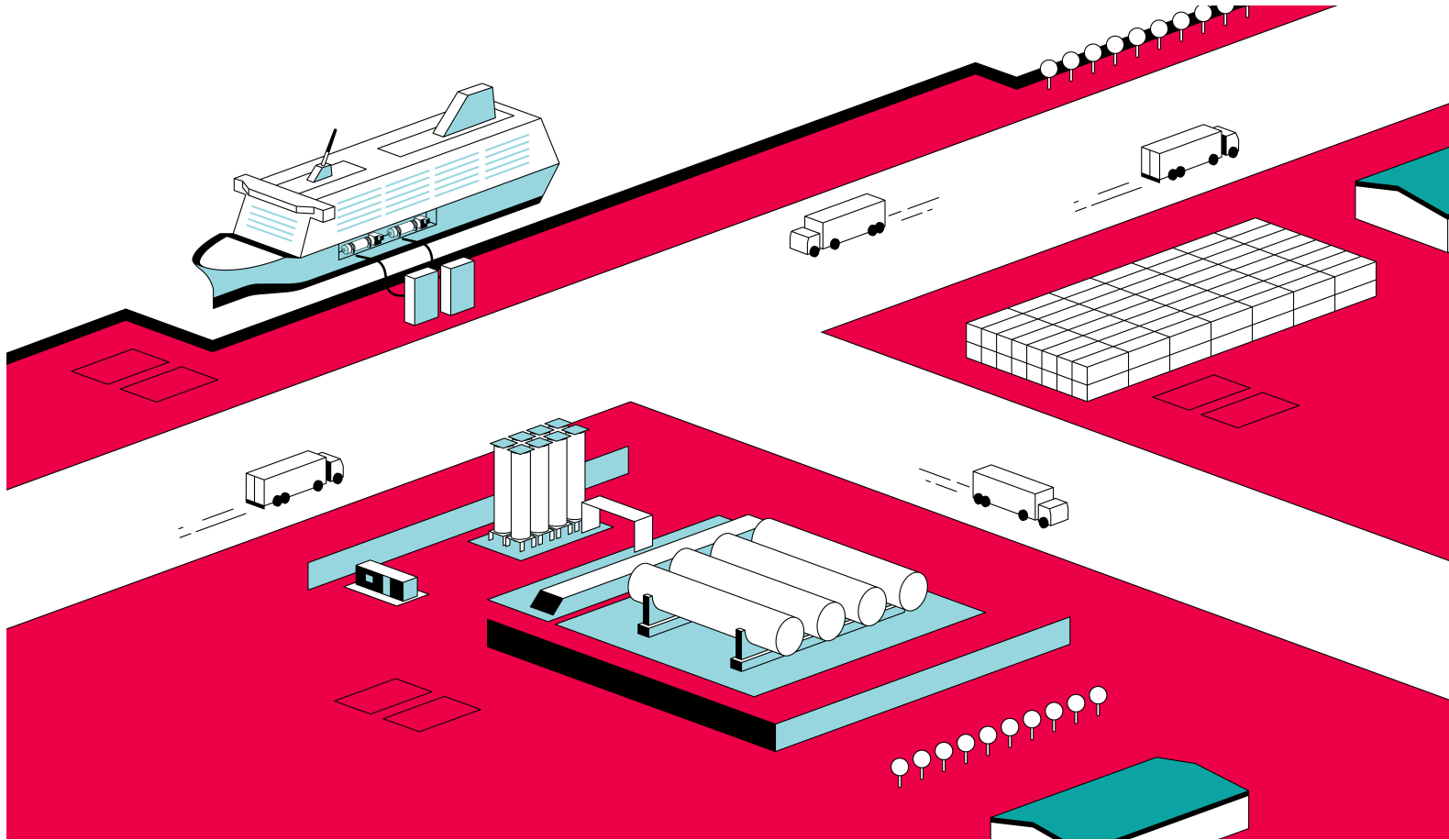
On the pathway towards a sustainable future



**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



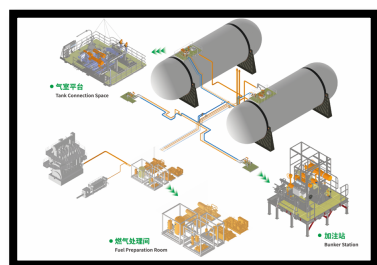
**Fuel Gas Supply System for 7000
CEU PCTC
COSCO & BYD**



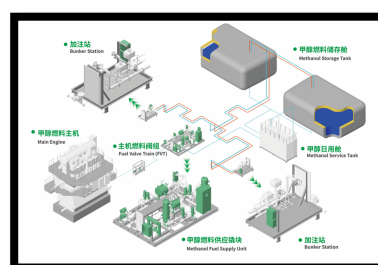
Everllence Cryo History

- 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

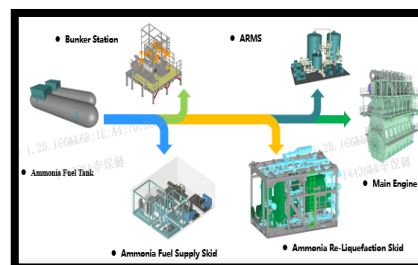




FGSS



LFSS



AFSS



**Skid
Manufacturing**

**1000+
Employees**

**150
Technicians**

**73
Patents**

**39
International
Recognition**

**Own
CNAS Lab**

2

**Production
Base**

**Zhejiang
Jiangsu**

8

**Branch
companies**

**180K m²
factory**

15

**Production
Lines**

**100,000Tons/
Y**

Critical Role of LNG FGSS



Mature Technology

Fuel Availability

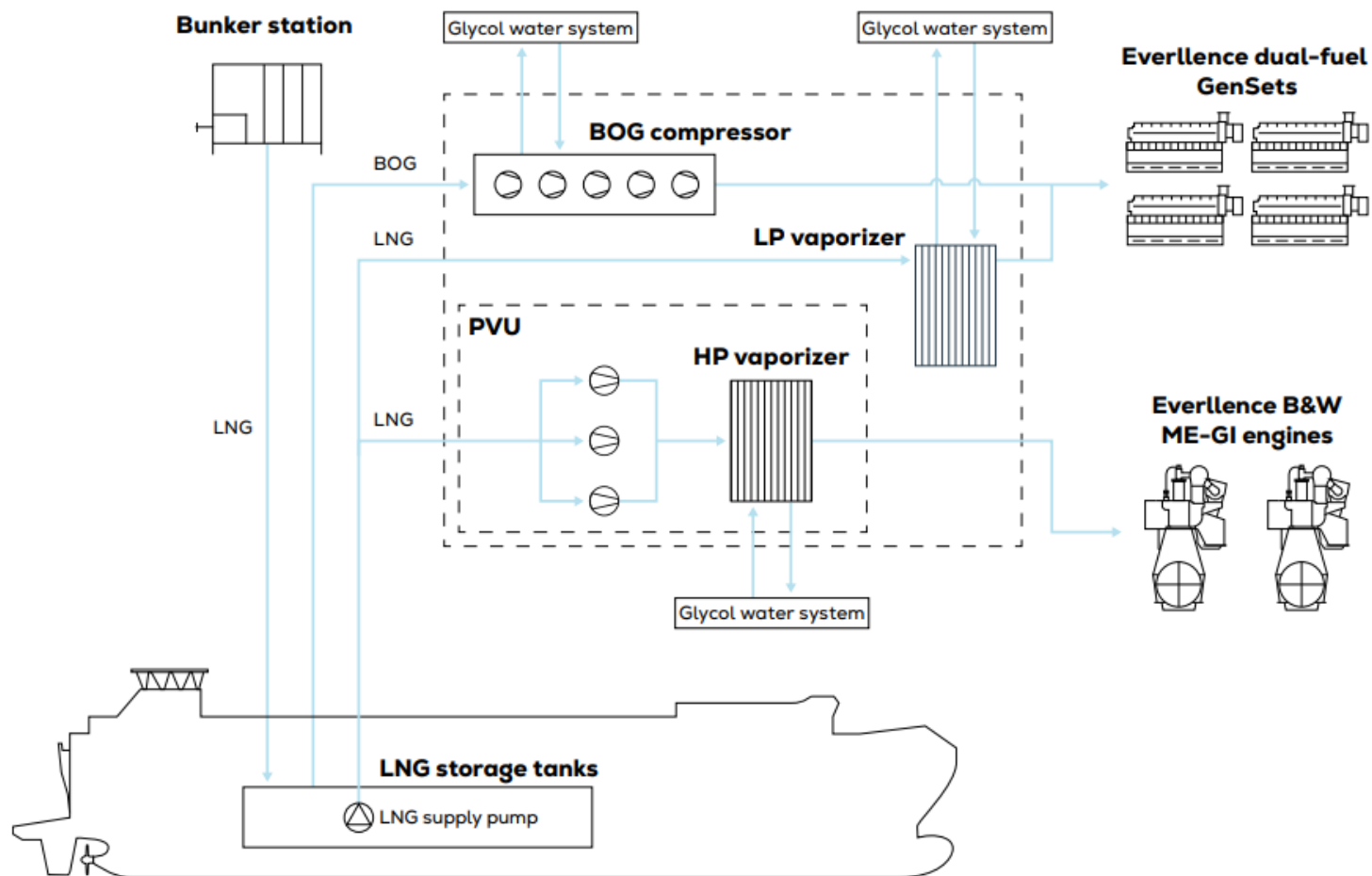
**LNG bunkering infrastructure
well established**

**Viable transitional fuel –
immediate emission reductions**

Bio-LNG and e-methane ready

2-Stroke Marine Applications

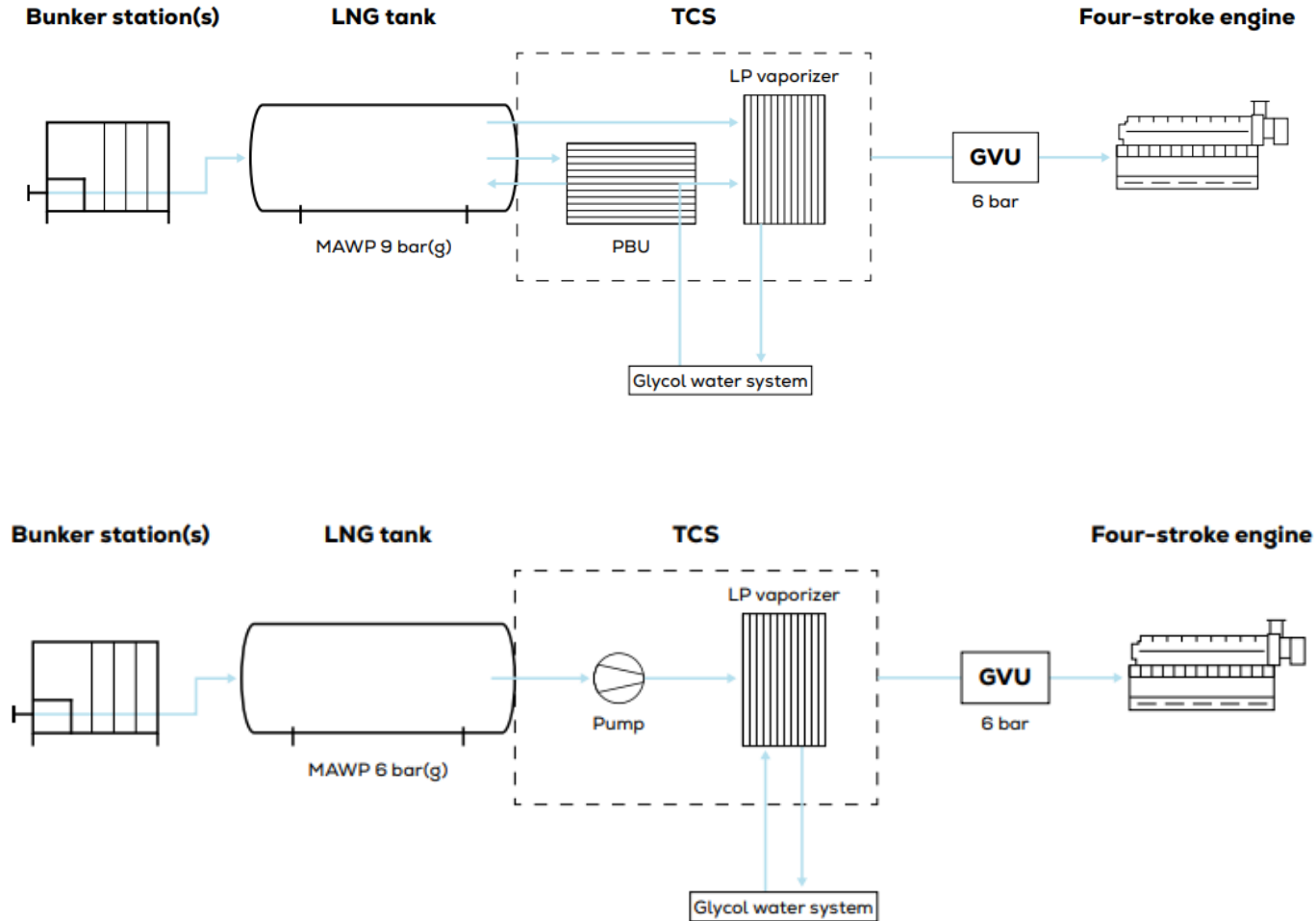
High Pressure LNG FGSS



- 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.

60+

full-service workshops.

Everllence



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**



Thank you
very much!

