

TGE MARINE

Liquefied Gas
Systems for the
Marine Industry
Transport
and Fuel



THE GAS EXPERTS

Innovations for Greener Shipping

OUR PRODUCTS

TGE Marine Gas Engineering is the leading Engineering, Procurement and Construction Supervision (EPCS) solution provider to the growing cryogenic gas market, specialising in cargo handling systems and tanks for LPG, LEG, Ethane and LNG carriers. We are a pioneer in the dynamic field of LNG fuel gas systems, LNG bunker vessels and LNG floating storage and regasification (FSU, FSRU). Our high expertise in liquefied gas and cryogenic systems is based on 40 years of experience in this market. With our passion for innovation we are supporting the industry with technical solutions for a sustainable future, such as alternative fuels or CO2 transport for CCS projects.

→ Fuel Gas Systems

TGE Marine has pioneered the development of LNG fuel gas systems. Our portfolio of fuel gas systems for all kinds of merchant vessels includes tankers, container vessels, RoRo, ConRo, RoPax, VLOC's, car carriers, and gas carriers. With our track record including systems for all major engine makers and types of engines (2-stroke, 4-stroke, high/low pressure) we are the most experienced independent provider of fuel gas systems worldwide.

→ LPG / Ethylene Gas Carriers

As an industry leader we supply cargo handling systems and cargo tanks for LEG and LPG carriers with a track record of more than 250 gas tankers. Vessels have been built at more than 20 shipyards across Europe, Asia, and America for all major gas shipping companies and pools.

→ LNG Carriers, Shuttle Tankers, Bunker Vessels

TGE Marine has a proven track record for small LNG carriers and barges of 5–30,000 m³ capacity. With a significant number of delivered cargo handling systems we are proud of our contribution to the growing fleet of LNG bunker vessels. Our supply includes cargo tanks and complete gas handling systems for LNG carriers and bunker vessels of up to 40,000 m³ capacity.

→ FSRU Floating Storage Regasification Units

We have developed small and medium scale LNG import solutions making the supply of gas attractive to midsize energy centres and remote gas consumers. Floating LNG storage systems can be used for monetizing 'stranded' gases on production barges (FPSO) as well as for import barges with regasification equipment (FSRU).

TGE Marine is committed to support its clients and their projects for gas carriers and fuel gas systems from the development throughout the lifetime of the vessel. Project management, excellence in engineering and a strong team of supervisors ensures professional results during the project execution. With our service team we support owners and operators during the lifetime of the vessel with operational support, training and performance optimization.



Fuel Gas Systems

LNG, LPG and Alternative Fuels



LPG / Ethylene Gas Carriers

LPG carriers
Ethylene carriers
CO₂ carriers



LNG Carriers Shuttle Tankers and Bunker Vessels

LNG carriers
LNG bunker vessels



FSRU Floating Storage Regasification Units

FSO/FPSO for LPG
FSRU and FPSO for LNG

Project Management / Engineering / Procurement / Installation Supervision
Operation Support / Class Approvals / Type C Tanks / Naval Architecture
FEED Studies / Training / Aftersales / Service



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