



9000 M³ X-GAS BUNKER TANKER

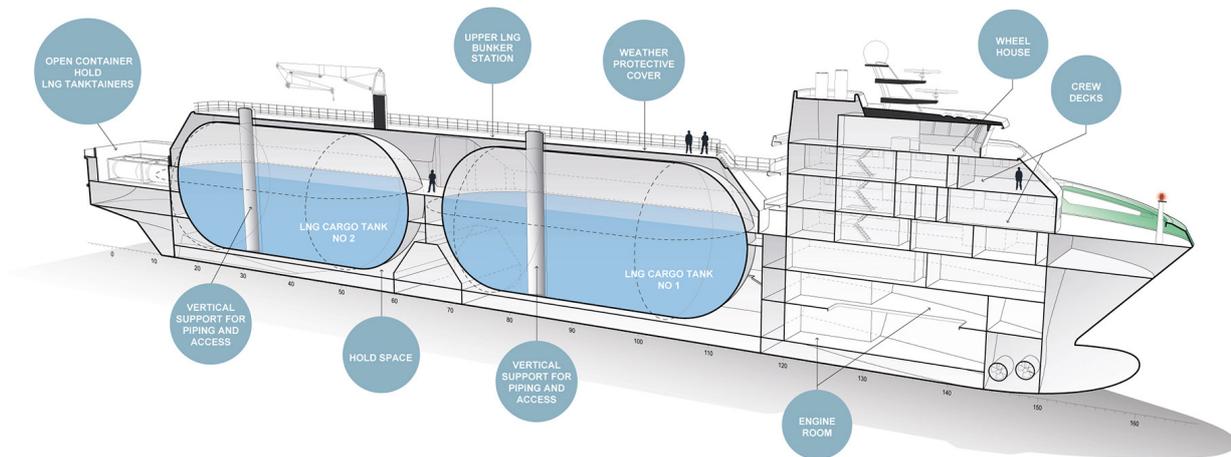
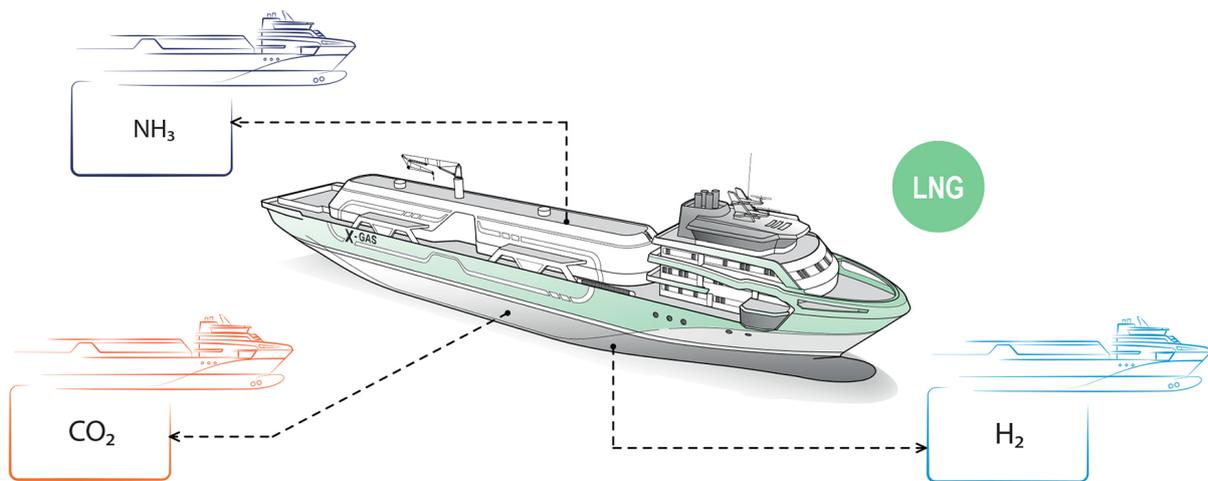
X-GAS PROJECT - SUSTAINABLE FUEL TRANSPORT
& BUNKERING

9000 m³ Tanker is a part of a X-Gas project aiming to lead the charge in next generation sustainable fuel transport and bunkering. X-gas project consist of series of innovative and unconventional X-GAS bunker tankers designed by KNUD E. HANSEN.

The flagship design of the project is a 126.5 metres vessel with a total cargo capacity of 9,000 cubic metres, split between two Type C tanks. The platform, however, is highly customizable and can be tailored to accommodate a range of tank capacities, as well as various containment systems including membrane tanks.

The most unique feature of the X-gas platform is a low profile, forward deck house. This enables the vessel to safely approach and pull alongside cruise ships with low hanging lifeboats. This also minimizes the need for ballast during cargo transfer, thereby lowering operational costs. Lastly, the forward deck house allows for larger cargo tanks without impeding bridge visibility.

The design features a novel and extremely fuel-efficient diesel electric power and propulsion plant consisting of one of the most fuel efficient dual-fuel 4-stroke engines available. Integrated with the propulsion plant is an Energy Storage System (ESS) with a lithium-ion battery bank that allows for engine load optimization with reduced methane slip.



MAIN PARTICULARS

Length o.a.	126.50 m
Breadth, moulded	20.50 m
Draught design	5.25 m
Deadweight	4,775 t

CAPACITY

Cargo tank capacity	9,000 m ³
Crew	16 pers

SPEED

Service speed	13.00 kn
---------------	----------

MISCELLANEOUS

Classification	1A
----------------	----

SCOPE OF WORK

Concept Design

WE DESIGN SHIPS We are a leading independent consultancy providing a comprehensive range of design, engineering and project management services to shipyards and ship owners around the world. Our innovative, customized solutions cover areas ranging from concept, tender/contract & basic design, to supporting the building and conversion process of all types of maritime vessels and offshore structures, to energy optimization and services for the offshore wind industry. Since 1937, over 800 vessels have been built and over 400 conversions carried out to our designs. WWW.KNUDEHANSEN.COM