



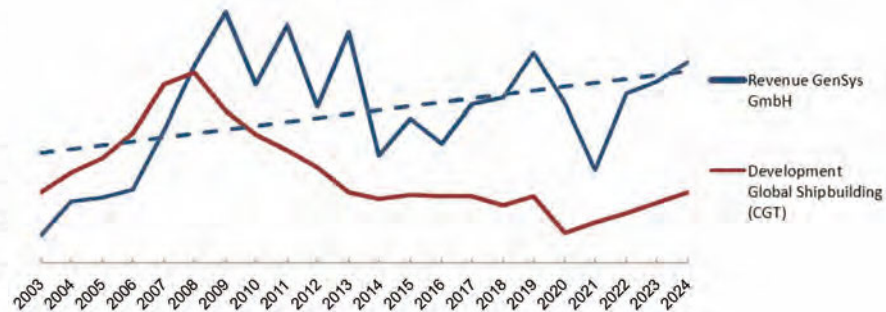
POWERFUL SOLUTIONS



COMPANY INTRODUCTION

With 25 years of history and experience within the maritime system and power industry, we went through a lot of changes.
To summarize, we kept the business exciting including all ups and downs.

Revenue and CGT



Our business is influenced by the global economy, but we are well prepared with future strategies. As SME we are experienced in flexible adjustments and the necessity of it.



Dirk Elsner
CEO





For 17 years our companies name was mas-maritime assembly systems GmbH.

That name represented our product portfolio.

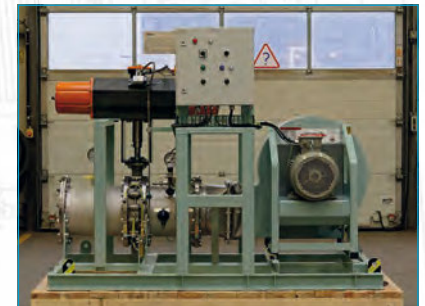
Our initial custom base was primarily the maritime business where we provided high end and well-functioning modules for the shipbuilding industry. We have continuously expanded our system portfolio in order to ultimately be able to offer all the systems required for the periphery of large engines.

Transferring our knowledge and know-how to land based powerplants is one of the big milestones within our business, which we achieved in working closely together with the engine manufactures worldwide. It is showing in our sales figures that shipbuilding and power plants have a parallel growth.

In order to follow the continuously changes in the marked and global influences we needed to learn how to adapt and develop to new situations quickly.

We decided that it was time to change our name away from the maritime focus into a more comprehensive name which covered our portfolio more accurate.

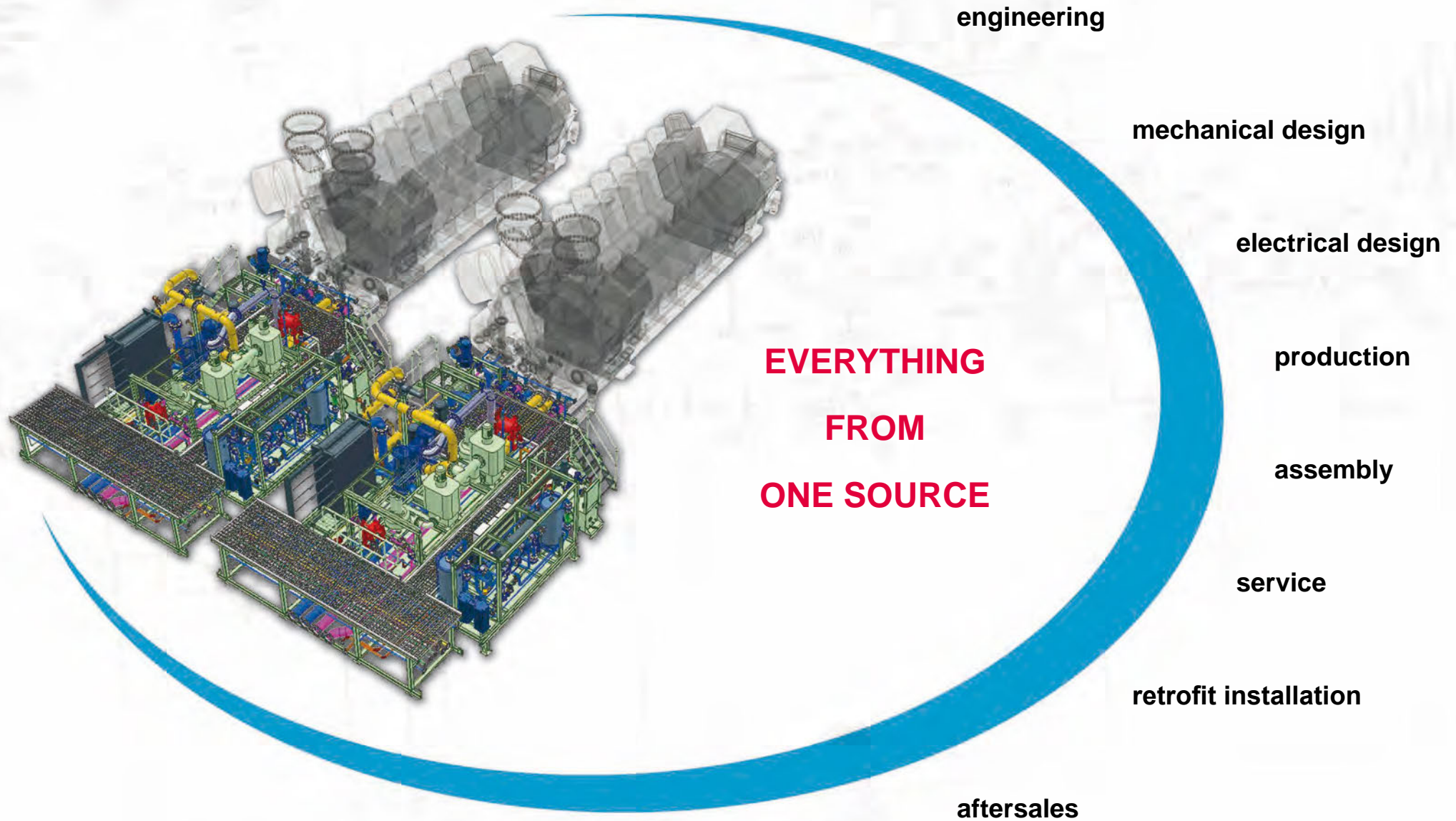
The name GenSys GmbH will cover a part of our companies history within shipbuilding, but also show the future were are heading into now with a wider specter of products, both land and sea based.



Moving towards the future based on the past.



TREATMENT AROUND ENGINES



PRODUCT RANGE

Modules Onshore/Offshore

- Maritime Business
- Engine Maker
- Power Plants

Containerized Power Systems Onshore/Offshore

- Direct
- Indirect

After Sales & Service

- Maritime Business
- Engine Maker
- Power Plants

Retrofitting on Board

- Shipping Companies
- Shipyards



COMPANY DEVELOPMENT NEVER STOPS

From fuel oil module to all systems around the engines

From only maritime business to more diverse solutions for the power industry

From initial equipment to conversion

From fossil fuel to biofuel (power plants)

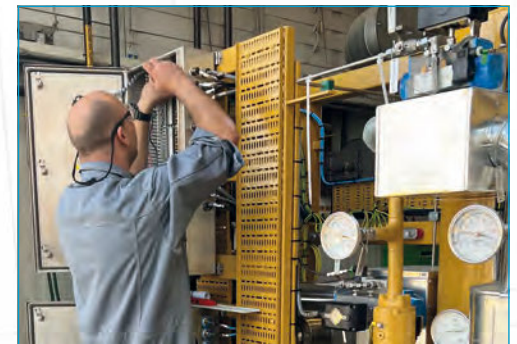
From system components to plug and play power solutions

From onshore to offshore systems

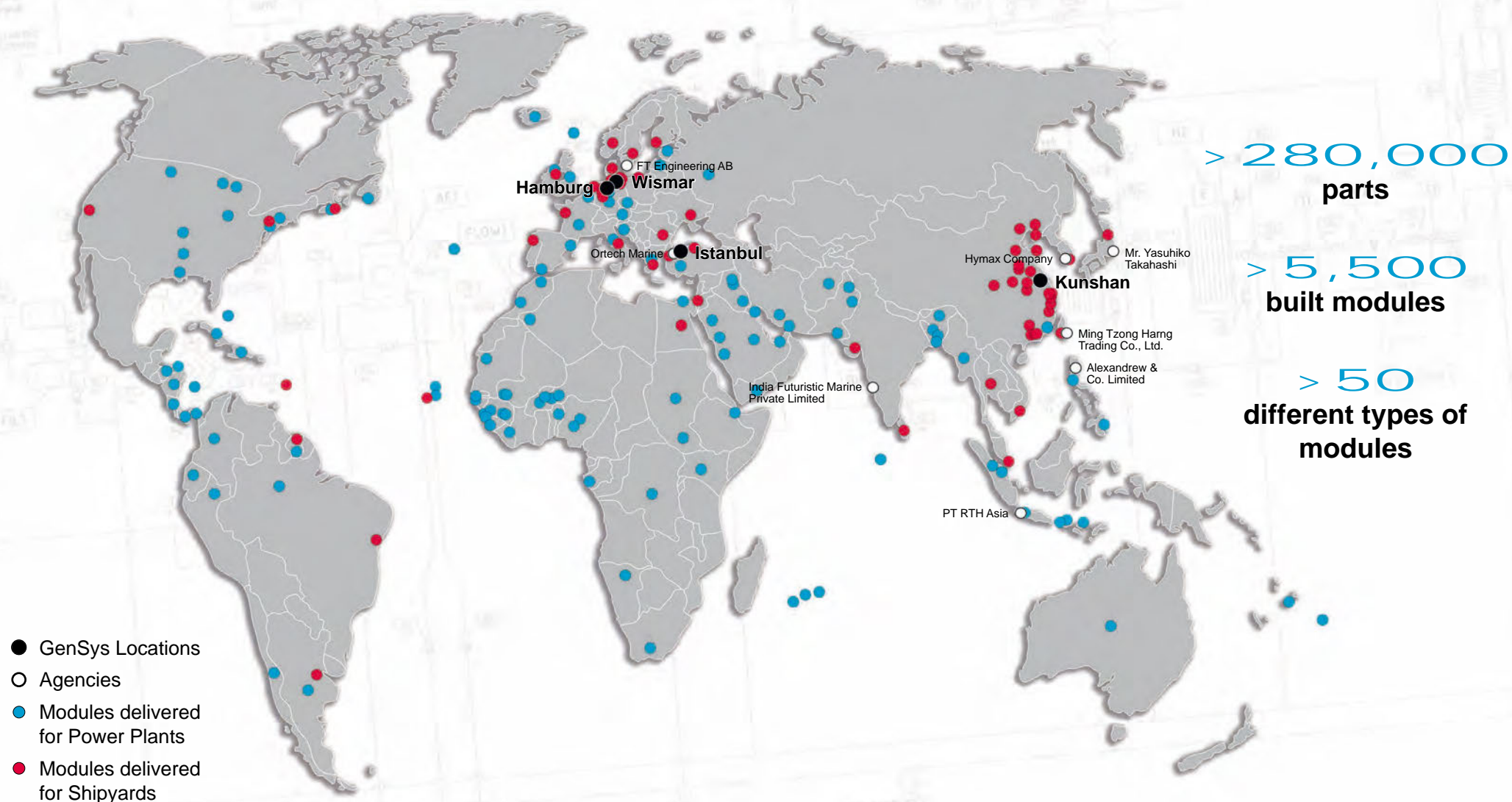
From module solutions to container systems

From market demands to customizing

From today into the sustainable and well planned future



DELIVERIES WORLDWIDE



FROM MODULE SOLUTIONS



combined lube oil/water



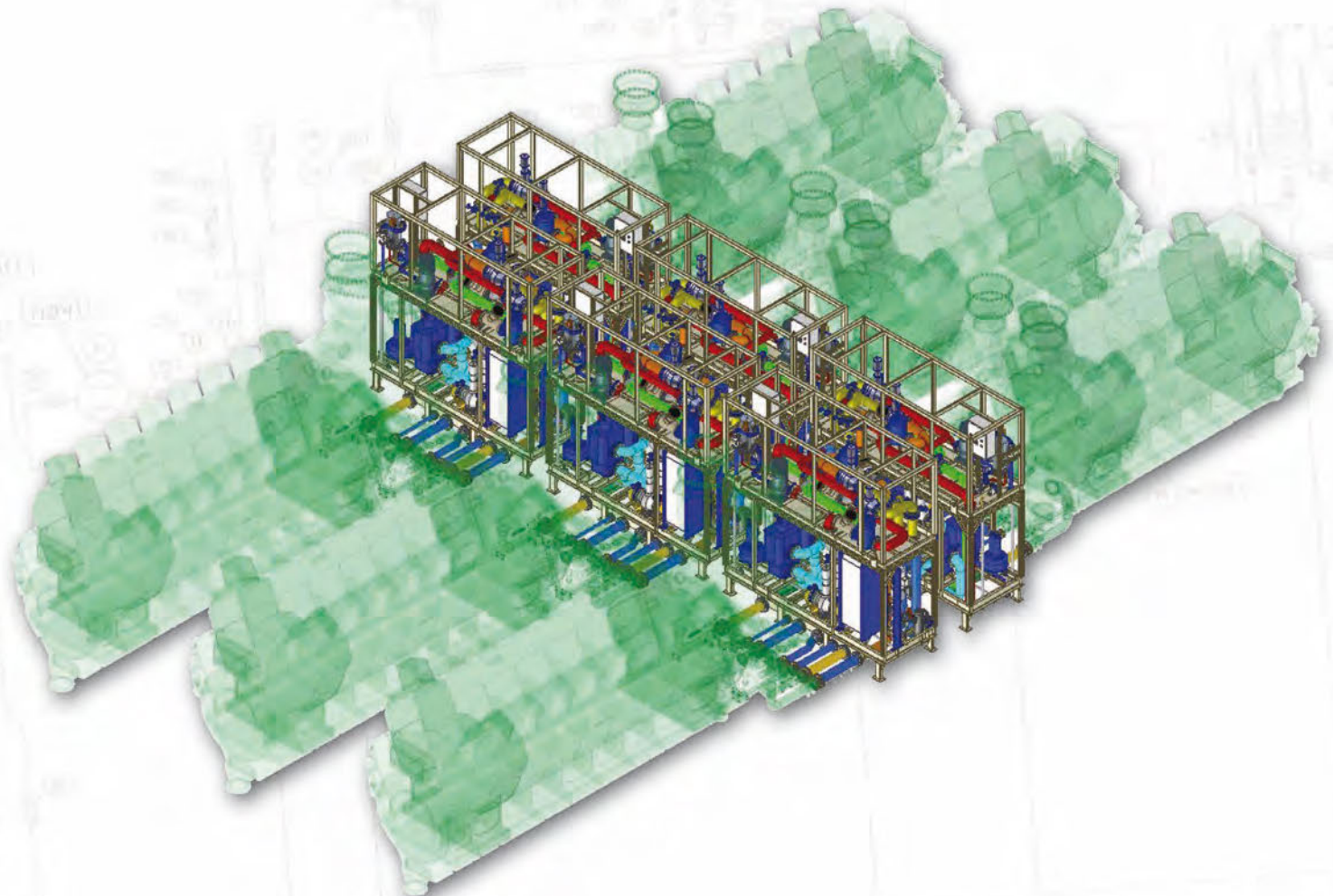
fuel booster module



crude oil booster module



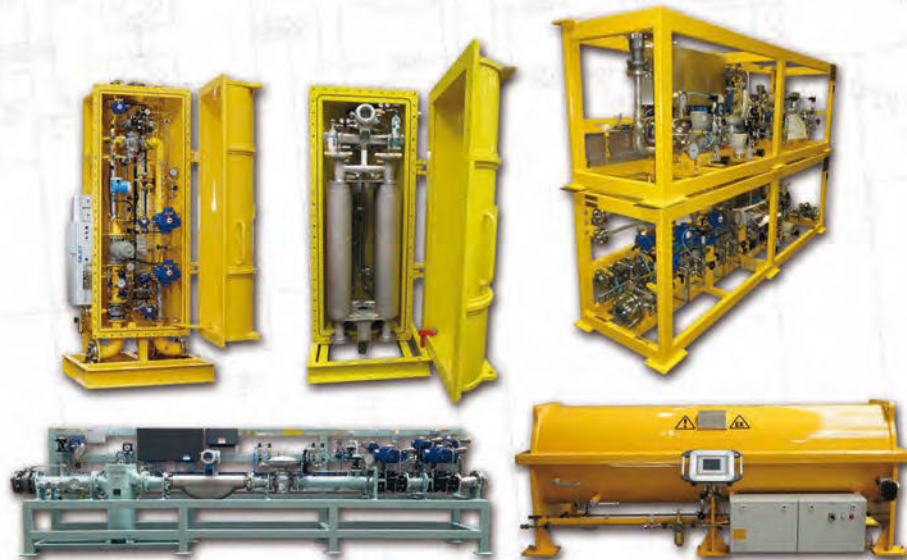
combined module offshore



TO GAS VALVE UNITS AND SYSTEMS FOR DUAL FUEL ENGINES

Gas Valve Units (GVU) for 4-stroke engines

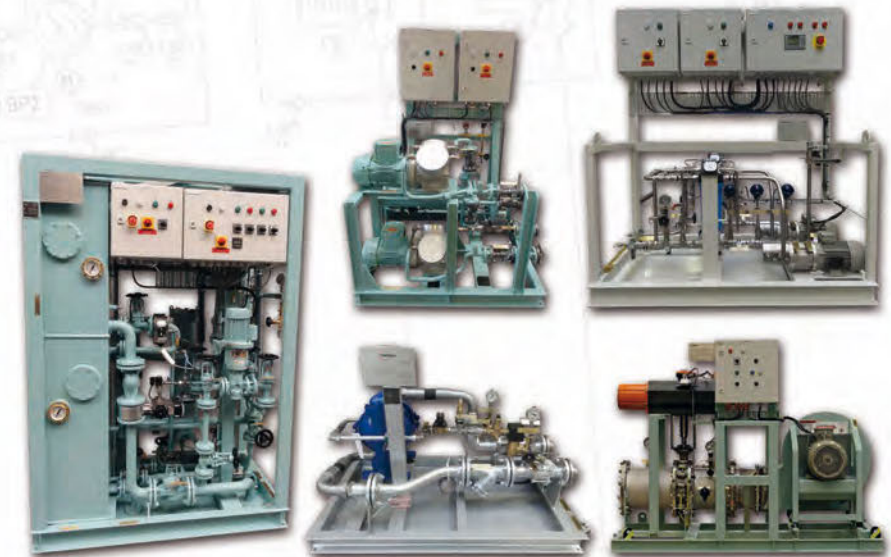
- ▶ Open type GVUs
- ▶ GVU with Cover (horizontal/vertical)
- ▶ Customized GVUs
- ▶ GVUs for Ammonia
- ▶ Development of Low Pressure GVU for 2-stroke Engines
- ▶ GVU for LNG Fuel Cell
- ▶ LNG Desulfurization Unit for Fuel Cell



More than 400 GVUs delivered.

Dual Fuel (DF) Systems

- ▶ Exhaust Gas Ventilation Modules
- ▶ Engine Ventilation Modules
- ▶ GVU Ventilation Modules
- ▶ Pilot Oil Return Modules
- ▶ Ignition Oil Modules
- ▶ Urea Modules



More than 700 Systems delivered.

FUTURE FUEL SOLUTIONS

International shipping must contribute in the future to the climate protection.

Using alternative fuel is highly recommended to protect and contribute to environmental development. Green ammonia is gas produced worldwide which has the potential for more sustainable productions. In addition to the engine technology the maritime industry also faces major safety challenges. Costs for shipping design and fuel systems are increasing as well. GenSys GmbH and Neptun Ship Design are happy to announce a joint venture in signing of a MoA.

Neptun's design of a CAPSulated highly automated Ammonia Module (CAPSAM) is being further developed on a project basis. The goal of CAPSAM is to supply 100% renewable and carbon – free fuel to maritime 2 and 4 stroke dual engines.

The symbiose of experience and knowledge in both companies working on this project together will provide good end results to the consumer.



We are ready for Future Fuels.







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