

Kick off “LNG applications for Short Sea Shipping”

A consortium of international maritime companies investigates the possibilities for LNG as a transport fuel in short sea shipping. Project leader Pieter 't Hart of Koers & Vaart maritime consultancy states that the consortium has all knowledge on board to make this project a success.

"Ballast Nedam/ LNG24 has a lot of experience with the building compressed natural gas (CNG) stations in Netherlands. Bureau Veritas developed with Chemgas LNG inland carriers. Cofely as part of GDF Suez has access to a huge international network of knowledge and experience in the field of LNG. Conoship has experience with an LNG tanker built in Netherlands named Pioneer Knutsen. Cryonorm is involved in numerous international LNG projects on board ships and ashore. CMTI has executed several LNG studies for inland shipping. Damen Shipyards builds its first barge on LNG and is closely involved in various LNG initiatives worldwide and Econosto delivers cryogenic valves and appendages for LNG systems."

Koers & Vaart maritime consultancy has also carried out various projects for LNG as a transport fuel in the fisheries, marine, coastal and inland shipping, scanning more than hundred ships and proving that LNG is economically and technically feasible and the LNG infrastructure on land needs further development.

"Lloyds Register developed concepts for LNG in inland shipping and has extensive experience with safety studies for LNG as a transport fuel. Meyer Werft has built an LNG tanker for Anthony Veder and considers her passenger ships to be fitted with LNG plants because of low emissions. Pon Power and Caterpillar have ample experience with natural gas in the oil and gas industry and were closely involved in the construction of the Arganon, the first inland barge on LNG. Rolls Royce and her daughter Bergen Diesel deliver LNG solutions for shipping for many years. Sandfirden Technics supplies Mitsubishi Motors on LNG and supplied the gas engines for the Pioneer Knutsen and Scania engines for Interstream. Wartsila is a global provider of integrated solutions with LNG as a transport fuel. These four engine manufacturers are members of the importers Association for combustion engines (VIV), that will keep its members up-to-date with the latest developments in the engine industry.

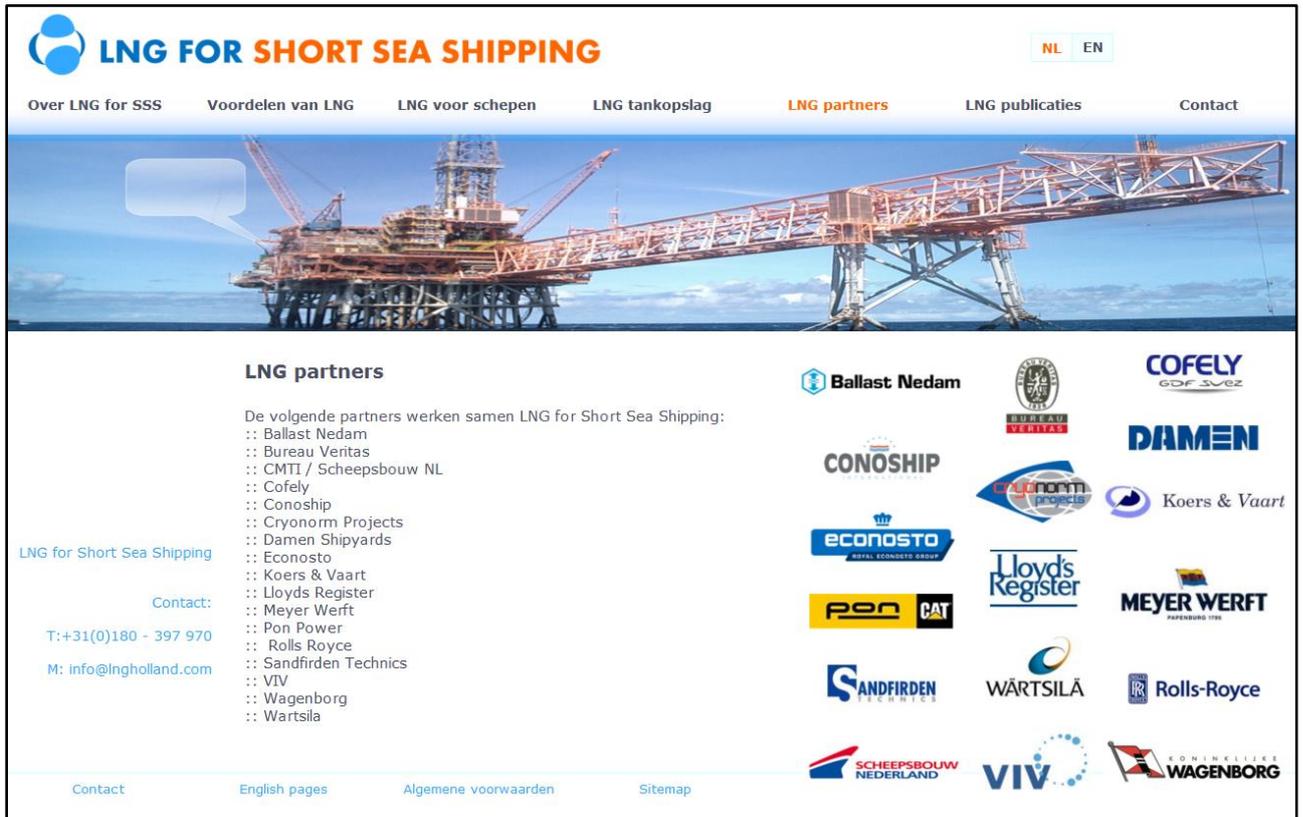
Finally, shipping company Wagenborg as end customer is an important partner in the consortium. The emission requirements for ships in the North Sea and Baltic Sea will become considerably stricter as from 2015/2016. Ships can no longer continue to sail on heavy fuel oil and need to switch to gas oil, natural gas or after-treatment systems for exhaust gas emissions.

In the project LNG for Short Sea Shipping several scenarios will be developed comparing these three options be compared with each other. Then will be investigated which option in which scenario is technical, operational and economic the most attractive. The parties envision to share and exchange knowledge within the consortium and opportunities to further develop LNG as a transport fuel for in the maritime sector.

The project LNG for Short Sea Shipping is supported from by TKI Gas and the Ministry of Economic Affairs. It is launched in early 2013 and will be completed within two years. More information is available on the website [www.lngholland.com](http://www.lngholland.com)

14-02-2013: Note to editors.

For more information about the project LNG applications for short sea shipping, please contact Mr. Pieter 't Hart, telephone 0180-397970 or [shortsea@lngholland.com](mailto:shortsea@lngholland.com)



The screenshot shows the website's header with the logo and navigation menu. The main content area features a large image of an offshore platform and a list of LNG partners. The footer contains contact information and a grid of partner logos.

**LNG FOR SHORT SEA SHIPPING** NL EN

Over LNG for SSS   Voordelen van LNG   LNG voor schepen   LNG tankopslag   **LNG partners**   LNG publicaties   Contact

**LNG partners**

De volgende partners werken samen LNG for Short Sea Shipping:

- :: Ballast Nedam
- :: Bureau Veritas
- :: CMTI / Scheepsbouw NL
- :: Cofely
- :: Conoship
- :: Cryonorm Projects
- :: Damen Shipyards
- :: Econosto
- :: Koers & Vaart
- :: Lloyds Register
- :: Meyer Werft
- :: Pon Power
- :: Rolls Royce
- :: Sandfirden Technics
- :: VIV
- :: Wagenborg
- :: Wartsila

LNG for Short Sea Shipping

Contact:

T: +31(0)180 - 397 970

M: [info@lngholland.com](mailto:info@lngholland.com)























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