A.P. Møller-Mærsk - Alfa Laval Aalborg - Hempel - MAN Diesel & Turbo - OSK-ShipTech - TORM -Control - Lyngsø Marine - Tetraplan - Transmar - Bureau Veritas - MacGregor - Claus Kruse -

J. Lauritzen - Principia North - Automation Lab - SIMAC - Esvagt - A2SEA - Eltronic - LR Marine -Dansk Analyse - Lloyd's Register - Clean Combustion - Kosan Crisplant - Moving Energy - Haldor Topsøe - Danish Maritime - Controllable Pre-Swirl Fins - Dynamic propeller shaft speed control -

Trailer Cat - Vessel Performance Decision Support - Monitoring & Performance - Gas Valve Train -Multi

Blue INNOship

tas - MacGregor - Claus Kruse - Vessel Performance Solutions - J. Lauritzen - Principia North - Automation Lab - SIMAC - Esvagt - A2SEA - Eltronic - LR Marine - Dansk Analyse - Lloyd's Register - Clean Combustion - Kosan Crisplant -

Methane - Shore based small scale LNG-LBG

Biocides - Servitization - A.P. Møller-Mærsk -

OSK-ShipTech - TORM - DBI - FORCE

Moving Energy - Haldor Topsøe - Danish Maritime - Controllable Pre-Swirl Fins - Dynamic propeller Performance - Gas Valve Train - Multi fuel burner Shore based small scale LNG-LBG liquefaction ur

steaming antifouling paint - Selective Catalytic Re - Servitization - A.P. Møller-Mærsk - Alfa Laval Aal ShipTech - TORM - DBI - FORCE Technology - Te

DTU - SDU - Propeller Control - Lyngsø Marine - 1 MacGregor - Claus Kruse - Vessel Performance S Automation Lab - SIMAC - Esvagt - A2SEA - Eltro Gas Valve Train

Project name:

Project participants:

MAN, Eltronic, AAU, Dansk Analyse, LR Marine, Lloyd's Register

Register - Clean Combustion - Kosan Crisplant - Moving Energy - Haidor Topsøe - Danish Maritime

Short project description

Development and test of new Gas Valve Train for very high pressure to be used at ship engine fuelled by gasses.

7 partners participate to develop, construct, deliver and test the components.

Technology Readiness Level								
1	2	3	4	5	6	7	8	9
				X				

Key features or key findings

What key features or findings would you like to highlight from your project work until now?

- 1. New valves for high pressure
- 2. New double piping system
- 3. Appropriate monitoring system
- 4. Innovative: Flexible, all-in-one

Project challenges and solutions

What challenges have the project team experienced and how has the team solved them?

- 1. Many technical development pathes
- 2. 600 bars...
- 3. Delay

Why should you buy our solution?

What makes your solution the preferable one compared to other available solutions?

- 1. Higher pressure
- 2. Smarter
- 3. Flexible and all-in-one