

EcoShip60 enters second round - next funding phase approved

The EcoShip60 network is supported for another 24 months by the Central Innovation Programme for SMEs (ZIM). This marks the beginning of the second phase, in which R&D projects for alternative propulsion systems for smaller ship types will be developed.

Over the next two years, EcoShip60's network partners will receive further funding to break new ground in the integration of innovative propulsion and energy systems for ships up to a length of 60 metres. The project will focus on the development and implementation of concrete R&D projects and the construction of a prototype with a length of 8 meters.

'We are pleased to now start into the R&D projects and to jointly tackle new goals as a network,' says Knut-Michael Buchalle, Managing Director of S.M.I.L.E. Engineering GmbH and speaker of the EcoShip60 steering group.

Projects are planned in the following fields: Overall Efficiency Index, development and use of functional laminates for lightweight construction, energy recovery from ship movements, Zero-Emission GenSet, smart pump control, fail-safe direct drive, integrated energy management, cooling of alternative drives, ship safety through forecasting methods, interface hull and shaft, coating system, installation of fuel cell with the subprojects emergency shutdown and energy recovery from heat.

New network partners

In order to accomplish these projects, EcoShip60 was able to win new network partners. The Chair of Automatic Control of the Faculty of Engineering at Kiel University develops modern model-based methods for control, regulation, optimisation and state estimation of complex dynamic systems. As a network partner, the chair supports EcoShip60 with its know-how in the field of control and automation technology. In addition, four new associated partners complement the network: AVENTICS GmbH (manufacturer of pneumatic components and systems), the Federal Federal Waterways Engineering and Research Institute, Danfoss Power Solutions GmbH & Co. OHG (manufacturer of hydraulic equipment) and HYDAC International GmbH (a company group for fluid technology and hydraulics).

'We are pleased to welcome more innovative companies and institutions that also want to be partners in this innovative network,' says network manager Adrian Gottwald of DSN Connecting Knowledge.

The aim of the EcoShip60 network is to develop more environmentally friendly alternative propulsion systems for smaller ship types with a length of up to 60 metres that allow high performance and long range at low cost.

Press Release

Published: 8th March, 2019



For further inquiries please contact:

Network Manager:

Ralf Duckert

DSN Connecting Knowledge

Andreas Gayk Straße 7-11

24103 Kiel

Phone: +49 (0) 431 99 69 66-0

E-mail: ralf.duckert@dsn-online.de

Speaker of the Steering Group:

Knut-Michael Buchalle

S.M.I.L.E. Engineering GmbH

Winkel 2

24226 Heikendorf

Phone: +49 (0) 431 2108019

E-mail: knut-michael.buchalle@smile-consult.de

Website: www.ecoship60.de