

Sustainable surface transport

Please find below the large-scale research projects funded under the Sixth Framework Programme in the thematic priority area **Sustainable surface transport**.

Integrated Collaborative Design and Production of Cruise Vessels, Passenger Ships and RoPax (Intership)

The objectives are to significantly increase the competitiveness of European cruise, passenger ferry and RoPax shipbuilders, to develop safer and more environmentally friendly ships considering their entire life cycle, and to achieve a drastic reduction of building and development costs as well as time-to-market of innovative solutions.

<http://www.intership-ip.com/>
 Contact in Finland (coordinator):
 Kvaerner Masa-Yards Inc.
 Mr. Kari Airaksinen
kari.airaksinen@masa-yards.fi

High efficiency Engine R&D on Combustion with Ultra-Low Emissions for Ships (Hercules)

The HERCULES will develop new technologies to drastically reduce gaseous and particulate emissions from marine engines and concurrently increase engine efficiency and reliability, hence reduce specific fuel consumption, CO2 emissions and engine lifecycle costs. Successive objectives for improvements to be available onboard ships are set for the years 2010 and 2020.

<http://www.uleme.com>
 Contact in Finland:
 Wärtsilä
 Mr. Matti Kleimola
matti.kleimola@wartsila.com

Network of Excellence in Marine Structures (Marstruct)

Marstruct's objective is to improve the safety, effectiveness, reliability, environmental behaviour and comfort of ship structures through the application of advanced structural and reliability assessment within design, fabrication and operation, leading to increased public and commercial confidence in the competitiveness and use of waterborne transportation.

<http://mar.ist.utl.pt/marstruct/index.aspx>
 Contact in Finland:
 VTT Industrial Systems
 Mr. Harri Soininen
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 Helsinki University of Technology
 Mr. Pentti Kujala
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>> [Large-scale research projects with Finnish participants](#) funded under the Sixth Framework Programme in different thematic priority areas

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Information Society Technologies

Food quality and safety

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