Eco innovative refitting technologies and processes for shipbuilding industry promoted by European Repair Shipyards

Fact Sheet

Project Information

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<tr>
<th>ECO-REFITEC</th>
<th>Funded under FP7-TRANSPORT</th>
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<td>Grant agreement ID: 266268</td>
<td>Overall budget € 3 647 062</td>
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<td>Project website</td>
<td>EU contribution € 2 572 507</td>
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<td>Status</td>
<td>Coordinated by</td>
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<tr>
<td>Closed project</td>
<td>FUNDACION CENTRO TECNOLOGICO SOERMAR</td>
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<tr>
<td>Start date</td>
<td>End date</td>
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<tr>
<td>1 January 2011</td>
<td>31 March 2014</td>
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<td>Spain</td>
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Objective

The overall objective of ECO-REFITEC project is to IMPROVE THE COMPETITIVENES OF THE EUROPEAN SHIPYARDS AND SME’S INVOLVED IN SHIPBUILDING, SHIPREPAIR & RECYCLING.

The project will help repair shipyards and ship operator to perform a refitting of existing fleet, through of technological development and new tools, helping shipping benchmark their performance, improving the retrofit processes and products, and assessing environmental and life cycle cost impact.

Several demonstration cases, together with the exchange of experience and relevant personnel, shall enable the participating institutions to build up relevant capacities. Through a selection of 13 partners from 9 Member States will be able to exchange
ECO-REFITEC will attain the general aim by

- Developing IT supported tools for retrofit impact evaluation on ship’s life cycle economy; energy; environmental performance and safety.
- Developing model tools to look at through life asset management of systems on board through the life cycle of the ship
- Exploring/identifying/developing eco-retrofitting technologies and solutions for existing fleet to comply with some current and future IMO standards.
- Sharing knowledge of repair shipyards best practices and assessing their performance in real-life.
- Integrating environmental strategies and practices into the ship repair industry management systems.

The approach that ECO_REFITEC use is based on four stages:
- 1st. Development of Innovative tools based on careful assessment of current available capabilities and in close relation with future retrofits work.
- 2nd. Prototyping and validation of the eco-innovative tools developed within the frame work of ECO-REFITEC.
- 3rd. Identification of skills and technologies required to sustain the eco-innovative tools developed.
- 4th Exchange information through the supply chain and disseminate knowledge generated.

Field of science
/social sciences/economics and business

Programme(s)

Topic(s)

Call for proposal
FP7-SST-2010-RTD-1

Funding Scheme
CP-FP - Small or medium-scale focused research project
Coordinator

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Lenuta Bobe (Ms.)
<table>
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<tr>
<th>Organisation</th>
<th>Country</th>
<th>EU Contribution</th>
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<tr>
<td>ATLANTEC ENTERPRISE SOLUTIONS GMBH</td>
<td>Germany</td>
<td>€ 436,592</td>
<td>Oehleckerring 13, 22419 Hamburg</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
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<td>UNIVERSITY OF STRATHCLYDE</td>
<td>United Kingdom</td>
<td>€ 344,448</td>
<td>Richmond Street 16, G1 1XQ Glasgow</td>
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<td>VARNA SCIENTIFIC AND TECHNICAL UNIONS</td>
<td>Bulgaria</td>
<td>€ 71,880</td>
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Contact the organisation [link]

Administrative Contact
Thomas Koch (Dr.)

Website [link]

Peilin Zhou (Prof.)

Website [link]

Nedelcho Nedelchev (Mr.)
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Activity type
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ASTILLEROS DE SANTANDER SA

EU contribution
€ 109 200
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Administrative Contact
Alberto Porras Diez (Mr.)

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Administrative Contact
Carlos Mota (Mr.)

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Administrative Contact
Giuseppe Balzano (Mr.)

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Andrei Bosineanu (Mr.)

Last update: 29 May 2017
Record number: 97672

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