

The Royal Institution of Naval Architects

THE ENVIRONMENTALLY FRIENDLY SHIP

28 - 29 February 2012, London, UK

First Announcement and Call for Papers



As the 21st century progresses, extensive global legislation and innovation centres on environmental protection. The focus of the international marine industry has been shifting greatly towards the design and operation of vessels which minimize their environmental impact.

New regulations are coming into effect, regarding the reduction of all forms of emissions and waste from marine vessels. Increasing fuel prices and environmental concerns have again highlighted the benefit that reduced fuel consumption can bring to the ship operator. Groundbreaking designs and innovative technology is being introduced daily, which will eventually lead to zero-impact shipping.

RINA invites papers from designers, regulators, class societies, builders, owners, suppliers and researchers on all related topics including:

- Air pollution reduction (CO₂, SO_x, NO_x)
- Operation in Emission Control Areas (ECA's)
- Alternative Fuel: LNG, hydrogen, biofuel, fuel cells, solar power
- Energy saving methods of propulsion
- Improving Ship Energy Efficiency Index
- Ballast water and waste treatment & management
- Liquid & air waste management and heat recovery
- Minimizing the impact on marine ecosystems
- Design for end of life & recycling
- "Clean" production and maintenance methods
- Unconventional design for environmental efficiency
- Implementation of new and future regulations

<http://www.rina.org.uk/environmentallyfriendlyship>

- ☐ I would like to offer a paper and attach a synopsis of no more than 250 words by 30th Sept. 2011
- ☐ I wish to receive details on exhibition space and sponsorship opportunities
- ☐ I would like to receive a full programme brochure and registration form

Name	Position
Company	
Address	
Post code	
Telephone	Fax
Email	(EFS2012)

Please return to: Conference Department, RINA, 10 Upper Belgrave Street, London SW1X 8BQ
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