

IALA COUNCIL 62nd session



21-24 June 2016
Lisbon
Portugal

14 – INTERNATIONAL

14.4 – EfficienSea2 Project

14.4.1 – Status

Note by the Secretariat

1. BACKGROUND

The overall objective of this project, led by the Danish Maritime Authority, is to co-create and deploy innovative solutions for safer and more efficient waterborne operations. The contracted consortium, with partners from government, industry, academia, and international organisations, has a total of seven specific objectives.

- Create and implement a ground-breaking communication framework – the ‘Maritime Cloud’ that will enhance information sharing in the maritime sector, enabling the maritime internet of things.
- Identify, develop, test and, where possible, standardise and implement e-navigation solutions
- Develop, test and, where possible, implement e-maritime solutions for automated reporting and efficient port information
- Create and implement navigational support services and a new self-organizing emergency response solution in remote and difficult environments such as the Arctic
- Develop solutions to monitor emissions with a focus on SOx and conduct validation trials in the Baltic Sea Region.
- Create innovative communication technology to enable access to information services at a reasonable price, especially in the Arctic.
- Set the technical and governance standard for the above areas

2. IALA PARTICIPATION

IALA is a partner in the consortium, and is expected to invoice €300k total by the project completion in May 2018. An overhead of 25% may be added to direct costs, and this is included in the €300k.

IALA’s involvement is managed by Dr Nick Ward, contracted on a part-time basis.

His report is provided as input document C62-14.4.2.

3. BENEFITS FOR IALA’S WORK

Benefits from the project for IALA will be accelerated development of technical documents in the e-Navigation field (especially in connection with VDES), and improved visibility of IALA’s Standards, Recommendations, and Guidelines on the website, including provision of the linkage of IALA’s documents to those of related international organisations.

4. THE COUNCIL IS REQUESTED TO

Note the content of this paper.