

**IALA COUNCIL
60th Session**

**May 25-29, 2015
Kuala Lumpur
Malaysia**

Agenda item 12 – INTERNATIONAL

12.4 Efficiensea2

12.4.1 IALA participation in the Efficiensea2 project

Note by the Secretariat

1 SUMMARY

IALA is a partner in this three-year project, which is led by the Danish Maritime Authority and majority-funded by the European Union. The total project budget is €11.4 million, and the total EU funding is €9.7 million.

2 PROJECT PARTNERS

There are 32 partners from government (maritime, meteorological, transport, and communications), academia, international associations (BIMCO, CIRM, IALA), and commerce.

3 OBJECTIVE

EfficienSea2's objective is to create and employ innovative solutions for safer and more efficient waterborne operations. This will include activity in the following areas.

- Communications
- E-navigation
- E-maritime (automated reporting and port information)
- Emergency response
- Emissions monitoring
- Technical and governance standards

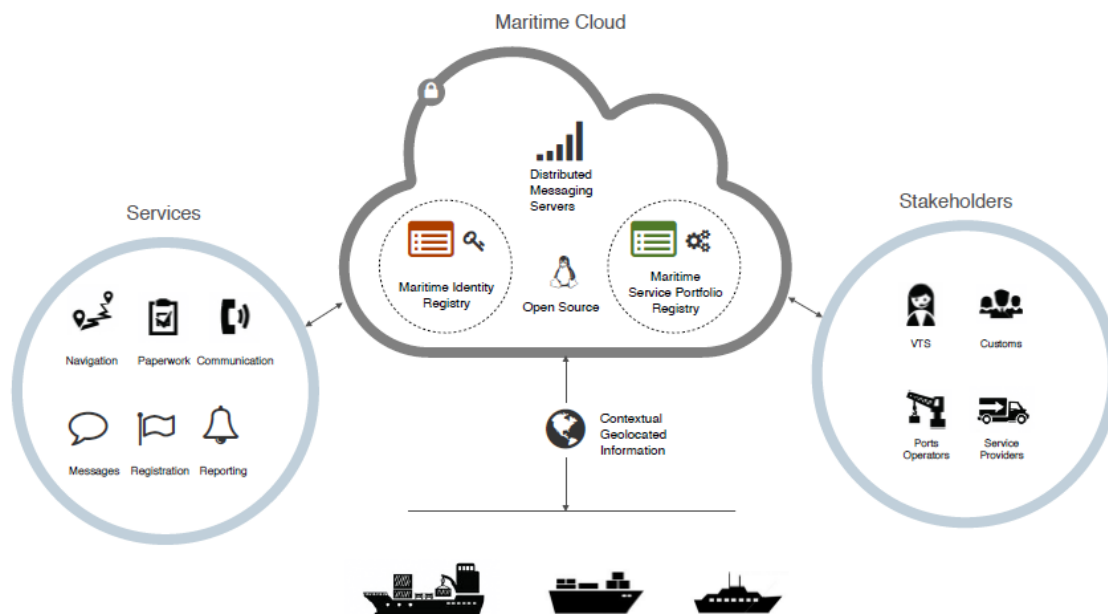
In particular the communications work will include development of the Maritime Cloud concept and testing of VDES. This aspect will be beneficial to the more rapid completion of planned IALA guidance by the ENAV Committee.

The figure below shows the concept of the Maritime Cloud, which is envisaged as a means of connecting ships to services and stakeholders in a seamless manner and taking account of geolocation and of available communications systems or channels.

4 IALA WORK CONTENT

The work by IALA will be the coordination of the work on technical standards, and the incorporation of these into IALA guidance, standards, recommendations, and guidelines.

IALA will execute 26.5 man-months of work over the three years. The Secretariat will engage Dr Nick Ward to manage the work, and will hire additional contractors as necessary. IALA will invoice the Efficiencysea2 project a total of €230,000 for this work.



5 ACTION

The Council is invited to Note.