EfficienSea2 – Creating opportunties

Navigating the smart way

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Aim: Increasing efficiency and safety

- To co-create and deploy innovative and smart solutions which increase efficiency and safety and improve environmental impact through improved connectivity for ships.

- To make important and relevant information available in a safe, easy and efficient way reducing the time spend on retrieving information and sorting it based on relevance, and reducing the risk of human errors.

Vision: Getting the maritime world connected

Improved safety and efficiency

Improved monitoring of emissions

PRESENT

FUTURE

Objective: Smart navigation and administration

- To establish a framework for safe and efficient sharing and distribution of data/information.

- To introduce solutions improving efficient use of the seaways and decreasing emissions.

- To find ways to reduce redundant work and improve work flow on board and ashore.

- To create standards and protocols for better exchange of data ship to ship and ship to shore.
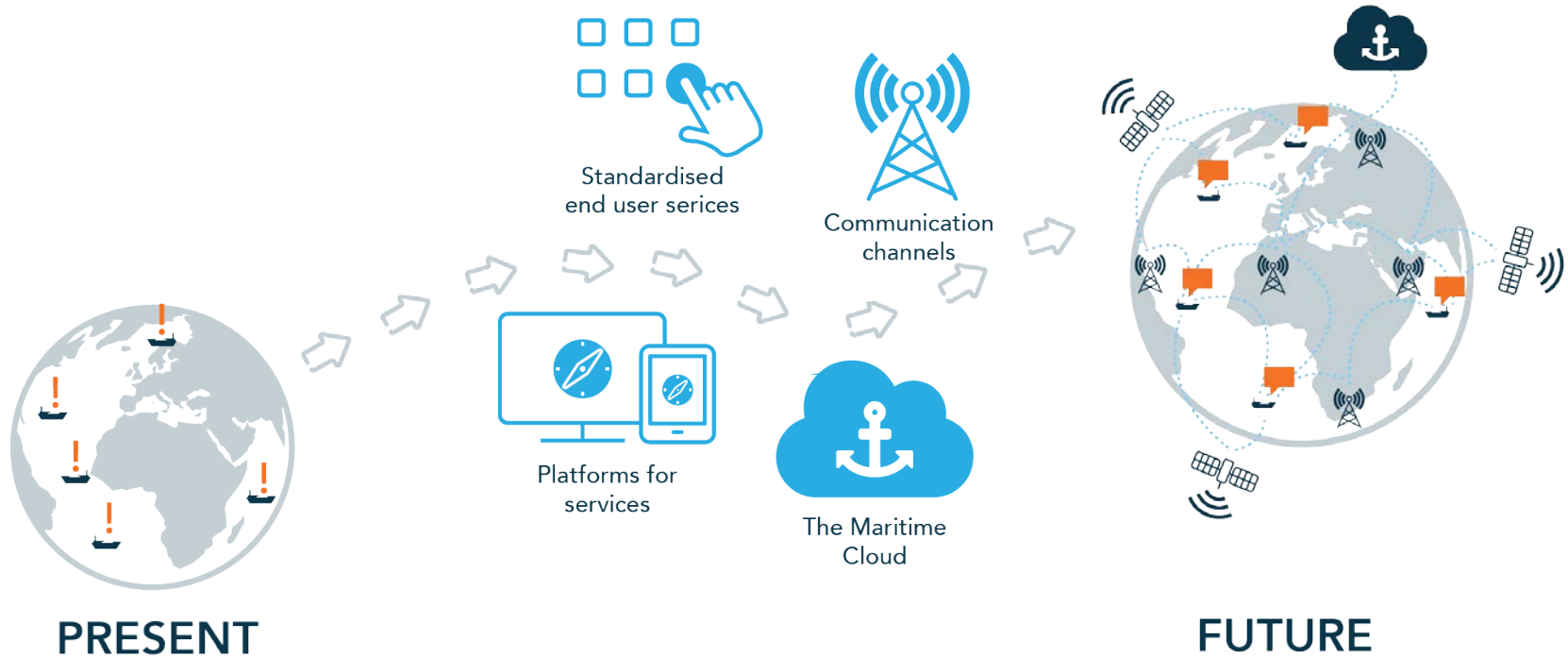
The project in short: Born to maximise impact

- 3 years
- €11,5 Million
- 32 partners
- Baltic/Arctic
- Flagship project

Results: First generation of a real-life solution

Standardised end user serices

Communication channels

Platforms for services

The Maritime Cloud

PRESENT

FUTURE

Derived values

- Reduction in emission

- Safer navigation

- Secure data exchange

- Harmonisation/standardisation

- Reduction in workload on board and ashore

- First steps towards digitalisation

Creating opportunities

Some of the solutions generated in the EfficienSea 2 can be drivers to growth and new business opportunities. It paves a way towards digitalisation of the maritime industry.

Maritime Cloud – Provides validation of service providers and users creating a safe environment to exchange services.

Creating opportunities

VDES – Opens for a new data channel ship-ship and ship-shore reducing the data transfer bottle neck and with intelligent roaming, it provides easy and troublefree internet connection.

BalticWeb – is a new market place, where relevant services are made easily available and accessible to the users. Because it is webbased it is a more flexible platform for introduction of new services compared to the regulated maritime systems.

The future

- The project and the grant end in April 2018, but the voyage towards fully implemented e-navigation and digitalisation has just started.

- The leap towards the digital ship requires a strong cooperation within the industry, and it will improve safety, efficiency, sustainability and economic growth, while it holds new possibilities for the established companies and for entrepreneurs in the industry.

Stay connected

Learn more about EfficienSea2 and how we work for efficient, safe and sustainable traffic at sea at:
www.efficiensea2.org

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