

Digital@Sea concept and scope

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e-Navigation underway

Conferences







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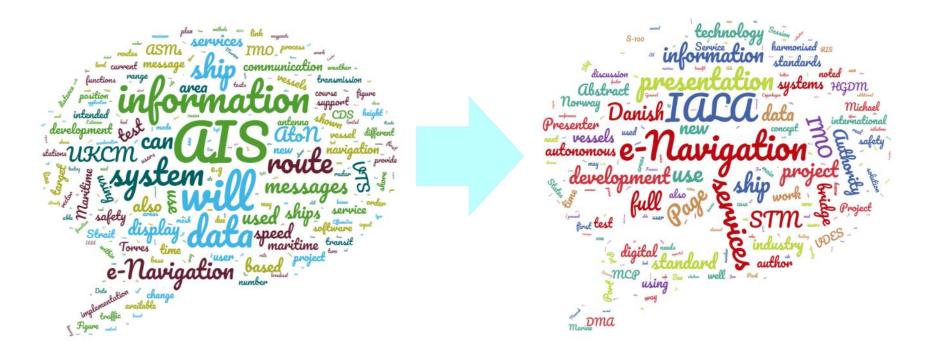
Beginning





Key words from 2011 to 2019

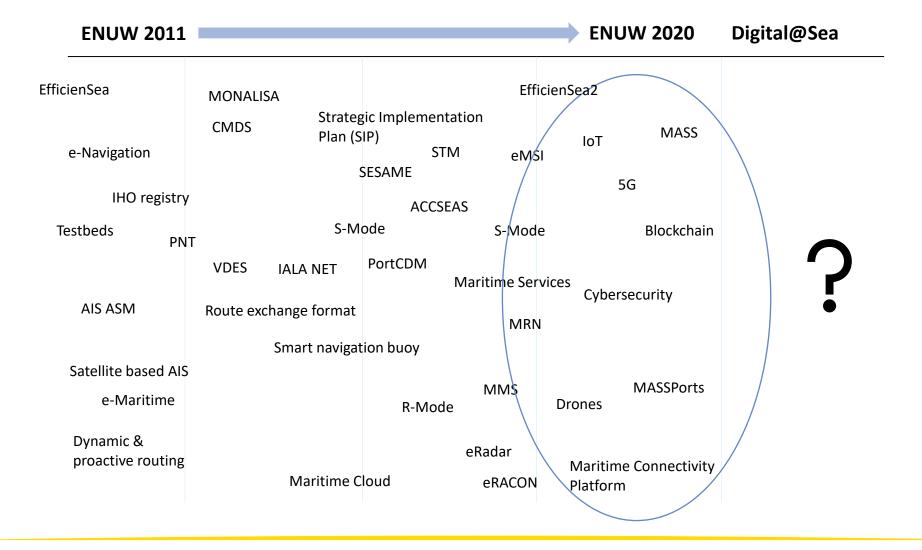
ENUW 2011 ENUW 2020 Digital@Sea



ENUW AP 2020



Key words from 2011 to 2019





Conference conclusions and recommendations 2011-2019

- The e-Navigation implementation should be a process of **evolution** rather than revolution.
- Need for **standards and regulations**, existing standards and data structures should be used in testbeds.
- User centered design is important to ensure the success of e-Navigation both onboard and ashore
- A roadmap for the future implementation of further proposed solutions should be developed as part of the Strategic Implementation Plan (SIP)
- Commercial benefits to the whole supply chain were considered to be a major driver for the development of e-Navigation and quantified examples were given
- e-Navigation should reduce the workload of the mariner by automating routine tasks, allowing the mariner to focus on situational awareness and the main task of navigating.
- The risk of **cyber security** issues should be considered in the implementation of e-Navigation.
- Participants considered that the concept of the Maritime Cloud (MCP) could support enavigation infrastructure and trials are underway.
- There is a need to identify reliable business cases for e-navigation addressing the interests of various maritime stakeholders.
- Connectivity and Data sharing will be key elements of any e-Navigation solution moving forward



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