

Future Maritime Skills – more than STCW

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SkillSea

- Programme: Erasmus+
- Instrument: Blueprint for sectoral cooperation on skills
- Total budget: € 4 million
- Duration: 2019 – 2022
- Consortium: 27 partners in 16 countries





Future skills – based on what?

▣ Future maritime competence – research project

- 2 workshops with the HRM departments in shipowners and rig companies on which competence they will demand in the future.
- Internship onboard Havila Jupiter.
- Questionnaire to seafarers where they were asked what they think is the vital competencies for the future seafarers.

▣ Skillsea – analysis

- 5 shipping industry ‘champions’ about their ideas on the way in which the sector is changing and of the necessary future skills.
- Interviewed 13 experts from across the industry.
- Literature review





Where are we?





Leadership and management skills

- Leadership skills
- Management of new cultures
- Human Resource Management
- Change management
- Knowledge management
- Client management
- Communication
- Rules and regulations
- Role as link between onshore and offshore
- Economic understanding
- Project management





Innovation skills

- Operational experience and knowledge to R&D and innovation projects
 - Key concepts of innovation and entrepreneurship
 - Entrepreneur and intrapreneur skills
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- Establishing a habit and an understanding for the process of cooperation is essential.





Digital skills

- Use of digital systems for administrative tasks, navigation, business development, communication, quality assurance and supervision of machinery and maintenance systems
- “With the digital possibilities we have today it is possible to move more of the work onboard the ships and reduce the administration onshore”.

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Technological skills

- Automation of a number of tasks
- Automation of entire operations and voyages
- Automation of ship systems
- Manage the interaction between conventional and autonomous ships

- Ability to transfer knowledge from one value chain to another in both seagoing and shore-based jobs, including using technological knowledge to make technological innovations.





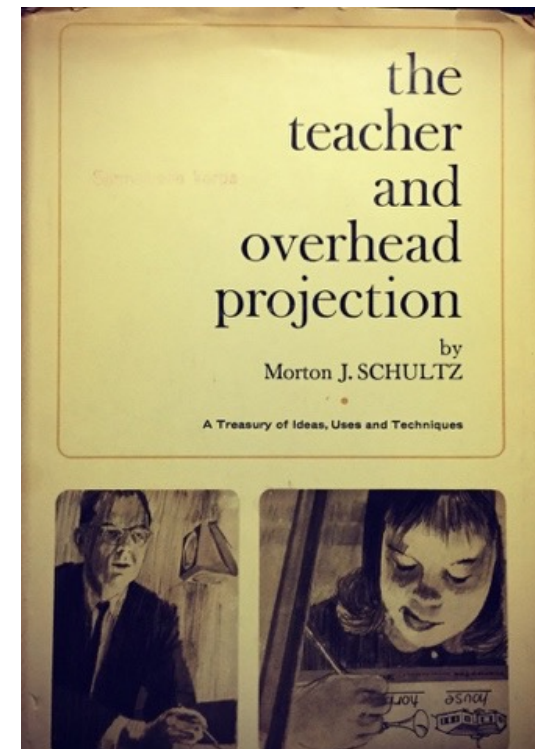
Changes needed in the maritime education

Updated lecturers

- “not like it was 20 years ago”
- Placements in industry
- Close dialogue with the industry on content
- Teachers should participate in industry events
- Lectures from other academic disciplines than the maritime

Updated equipment

- simulators
- ICT
- Navigational systems and other technical systems





Thank you for the attention!

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<https://www.skillsea.eu/>

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