



#ReskillEU - new jobs for energy and transport in Europe

The Research and Innovation Perspective

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MET-NET
Maritime Education and Training Network

STRATEGY KEY FINDINGS

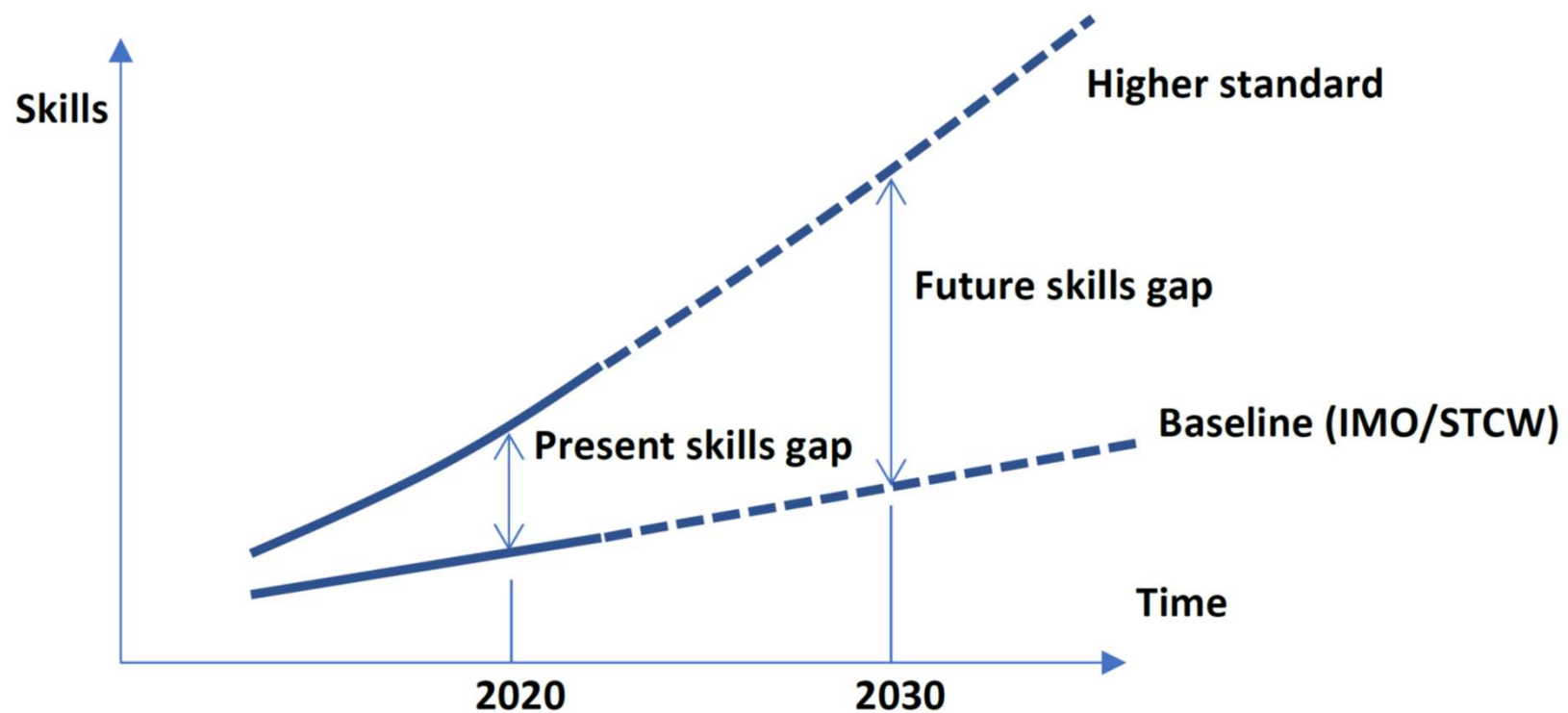


SKILLSEA.EU

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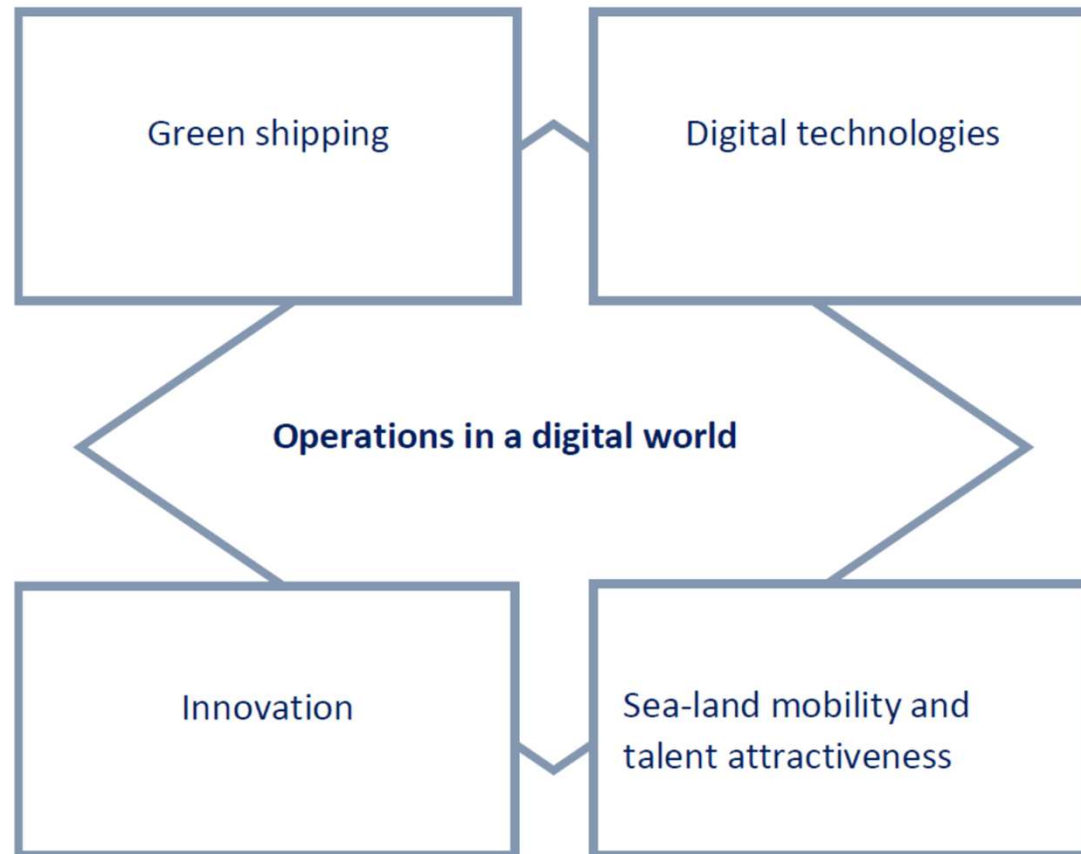


SkillSea: Seagoing Shipping Transport



SkillSea WP.1 – Current skill needs

Gaps to be closed





SkillSea WP.2 – A possible solution

Harmonised **subjects**

- Green Skills I: Energy-Efficient Ship Operation
- Green Skills II: Vessel Performance Management Systems
- Digital Skills I: Information Infrastructure
- Digital Skills II: Maritime Cybersecurity
- STEM: Operating in green and digital shipping
- Innovation and Intrapreneurship
- Leadership: Teamwork, leadership, culture
- ...

Harmonised **training**

- Train the trainers
- Toolbox design for educational packages

International **cooperation**

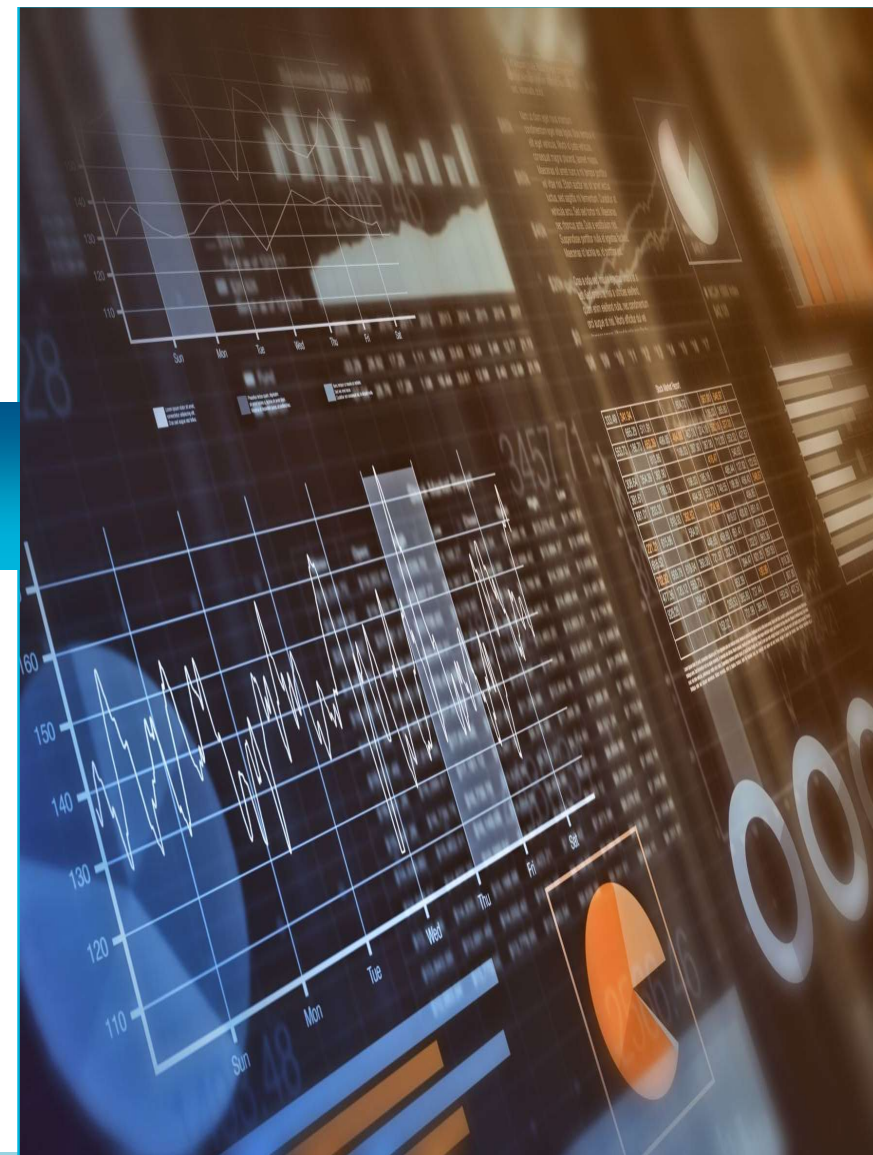
- Structural Cooperation
- Guide on Business/Education Partnerships

Dedicated **MET programmes**



Policy Recommendations for KF 1&2

- Closely **monitor** the evolving technologies in maritime transport to gather the most accurate, up-to-date, unbiased view of the developments that are taking place.
- Update **scenarios** for future development every year.
- Continuous identification of **skills gaps** by relevant stakeholders



Policy Recommendations for KF 3&4

- *Improve the **focus on additional skills** instead of the (old-fashioned) focus on **new job profiles***
- ***Enrich MET study programmes** with broader upskilling/upgrading topics **beyond STCW** requirements, such as **leadership, resilience, communication, and English language skills**.*



Policy Recommendations for KF 5&6

- *Improve and promote **opportunities** for career **mobility** and progression.*
- *Develop appropriate solutions for **systemic blockages** which hamper mobility.*
- *Take concerted action to improve the **visibility** of all the different possible **career paths** of maritime professionals through public **campaigns** at the European level.*
- *Improve the **opportunities** for **women**, people from **minority groups**, persons with working experience in **other sectors**, etc. to enter the maritime transport sector.*





Organise a level playing field

Social partners are already organised: ECSA / ETF

The maritime industry is partly organised by sector / subject

METs are not organised

But are the educators of the new breed as well as closing the gap of the current maritime professionals





Master

Universities have international collaboration with other universities via research.

Bachelor

Universities of applied sciences have some collaborations with the local maritime industry via research.

Vocational

Have no collaboration via research.



Policy Recommendations for KF 7&9

- Stimulate participation in MET-NET
- Capitalise on the cooperation among education providers to overcome challenges to future-proofing MET.
- Establishing a sustainable **European Maritime Skills Forum (E-MSF)** will assist in **sharing best practices**, fostering **cooperation** and being promoted as a **European instrument** for harvesting **synergies** with **related sectoral projects**.





- The SkillSea solution is an integrated one: it provides coordinated tools and strategies for untying the “**triple-knot**” of skills’ ***gaps***, career ***attractiveness***, and ***mobility*** of maritime professional
- Such an approach is **turning the challenge** of sustainability and digitalisation **into an opportunity** for a radical new approach of maritime careers.



MET-NET

Maritime Education and Training Network

<https://www.skillsea.eu>

