

SkillSea: Future-proof skills for the maritime transport sector

Business2Sea event
Online Workshop
November 16th, 2020
15.00-16.30 CET





About SkillSea

- ▣ **Programme:** Erasmus+
- ▣ **Instrument:** Blueprint for sectoral cooperation on skills
- ▣ **Total budget:** € 3.996.555
- ▣ **Duration:** 1 January 2019 to 31 December 2022
- ▣ **Project coordinator:** STC Group, the Netherlands
- ▣ **Consortium:** 27 members from 16 countries
- ▣ **Advisory board:** 13 members from 8 countries





Future-proof skills for the maritime sector: technological changes and challenges

- Digitalisation, automation and new environmental requirements are changing the maritime industry: the maritime professionals' education and training need to keep up with changes;
- SkillSea: 4-year project launched with the aim of supporting maritime professionals in obtaining key digital, green and soft management skills for the rapidly-changing maritime labour market.





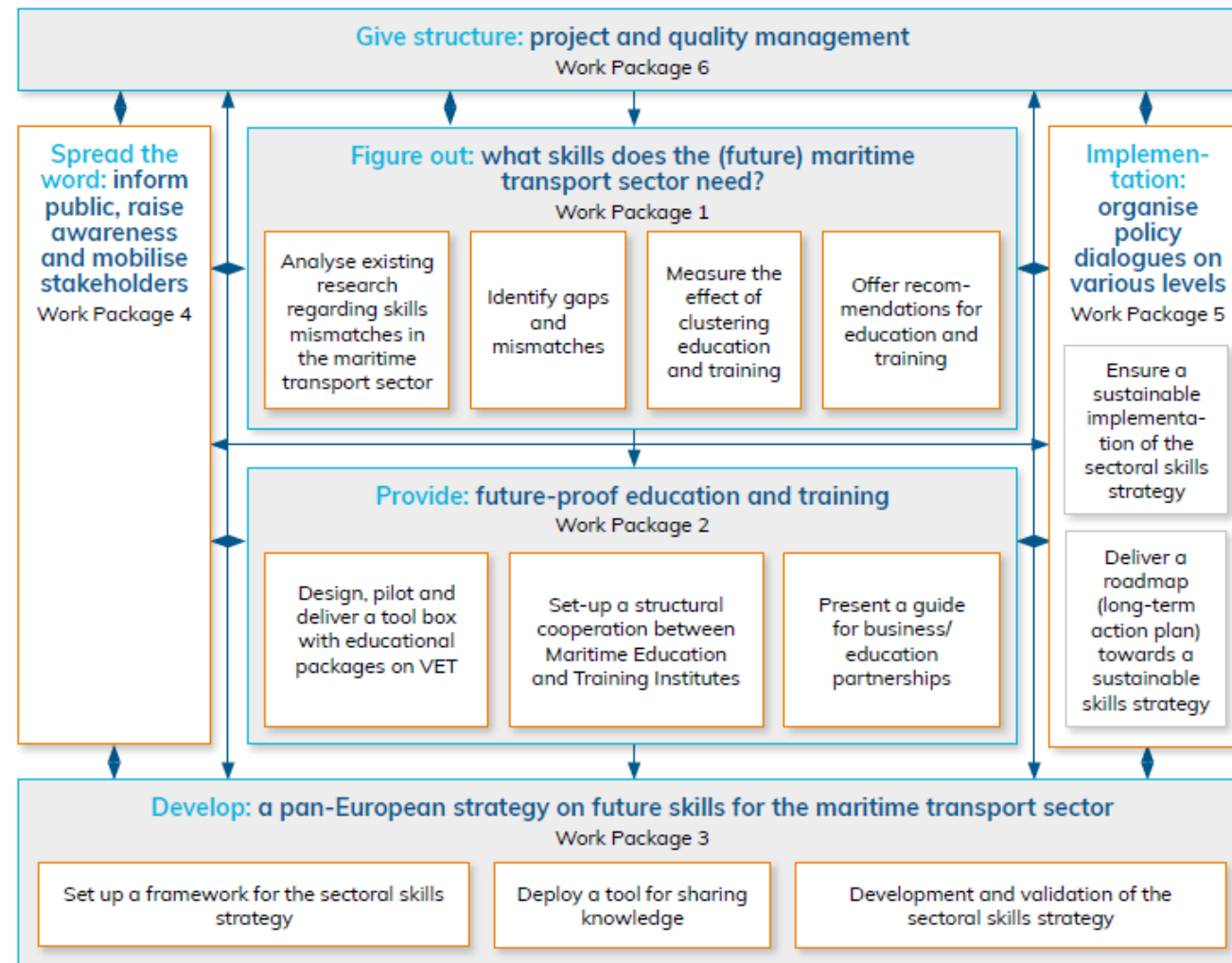
Core objectives of the project

SkillSea aims at fostering the cooperation at EU-level between the Industry, Education and Training Providers and Authorities in order to:

- 🌀 develop a strategy to make the education and training for maritime professionals: future-proof; adaptable, attractive;
- 🌀 support maritime professionals to gain appropriate skills for the labour market and for an increased mobility within it;
- 🌀 promote the skills sustainability strategy in the framework of the European maritime industry.

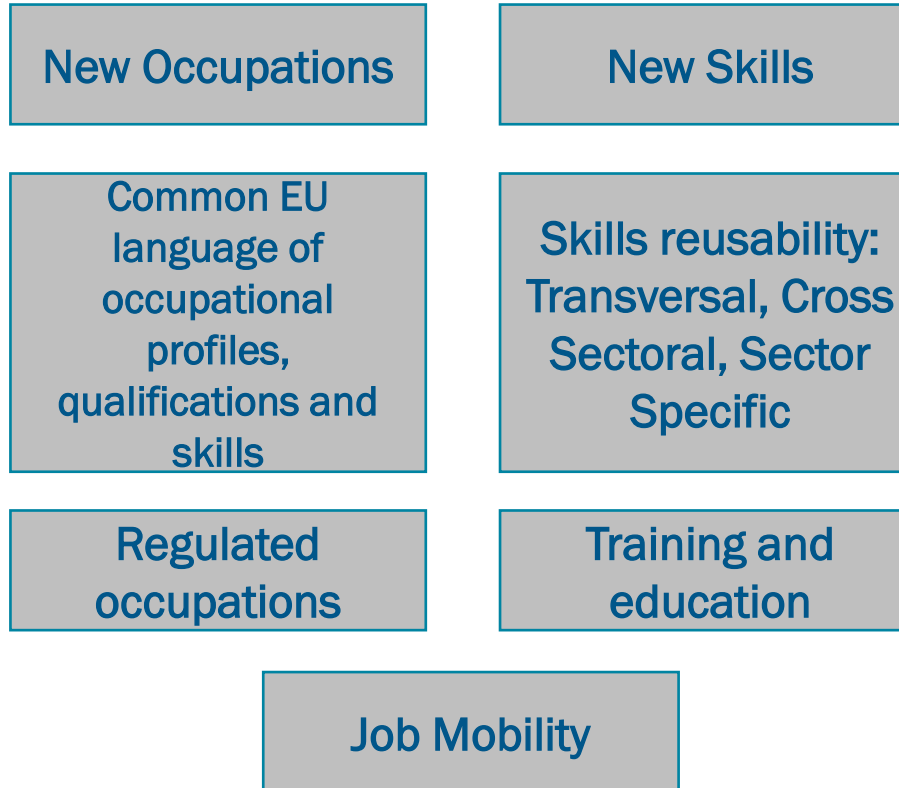
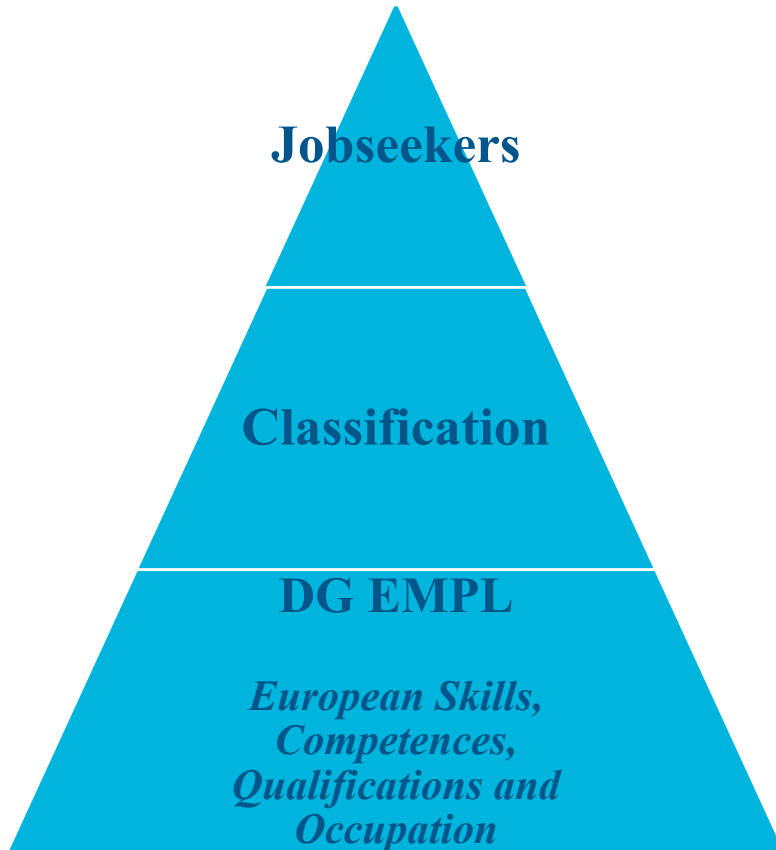


Brief outline of the project : Work Package Structure





SkillSea towards ESCO



State of Play – WP1

- Skills Needs' Identification conducted through:
 - A survey mapping current skills and competence needs of maritime professionals.
 - Future skills investigated through interviews and analysis of literature
- Results show that main technological changes and challenges are affecting also the maritime shipping sector.

Current skills needs



Future skills needs:

- Maritime economy
 - Maritime law
 - Ship technologies
 - Green skills
 - Digital skills
 - Transversal skills
- Digital
 - Sustainable
 - Transversal & Transitional
 - Leadership

WP Leader: NTNU (Norway)

State of Play – WP2



- Practical toolbox template available for all, creating educational packages with an adjustable, sustainable and transferable approach;
- Improve cooperation between education and industry through cooperating METs across Europe engaging the regional and national clusters.

🌀 **Scope: EU-wide application; All levels of education; reskilling and upskilling;**

🌀 **Toolbox: For Transferability, Sustainability and Adaptability;**

🌀 **Educational Packages & Guides: Digital and Green Skills, Leadership, Innovation & Entrepreneurship, Train-the -Trainer; mix and match**

🌀 **Structured Cooperation Sustainable benefits for mobility and industry**

WP Leader: SIMAC (Denmark)



State of Play – WP3 – Strategy



1 goal: Futureproof strategies for futureproof maritime career paths – 7 missions

- ▣ Set the strategic goals and tools through the Strategy Plan Framework
- ▣ Use evaluation as a dynamic tool to support METs
- ▣ Link employability with measured maritime professionals' skills' gaps
- ▣ Empower and facilitate internationalization strategies of MET
- ▣ Assess, explore and facilitate MET stakeholder strategies
- ▣ Create a portal as a dynamic strategic tool to support and disseminate SkillSea
- ▣ Summarize key findings in a strategic direction for the future

WP Leader: Eugenides Foundation (Greece)



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