



Setting the skills policy scene for a sustainable Blue Economy

Skill challenges for a sustainable blue economy

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Towards a sustainable blue economy

Green Deal- sustainable, circular, biodiverse, climate-neutral economy of the future

#Be Green. Go Blue!

**EUROPEAN
GREEN DEAL**

#EUGREENDEAL

Transforming the EU's economy for a sustainable future.

Communication on a new approach for a sustainable blue economy in the EU - 17 May 2021:

- transformations of different sectors to guide public and private initiatives
- mobilizing all its policies and instruments
- complements other important initiatives of the Commission - smart mobility strategy, zero pollution action plan, strategy for plastics, etc. –holistic approach.



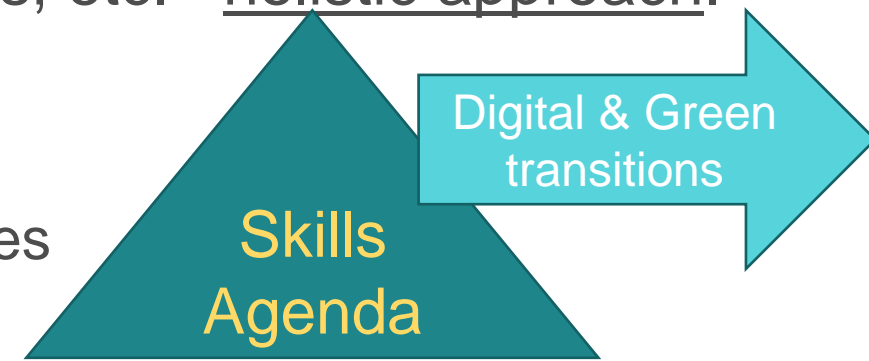
UN Ocean Decade:

- Strategic Framework tackling Decade Challenges
- No 9:



9. Skills, Knowledge and Technology for All

2021 United Nations Decade
of Ocean Science
2030 for Sustainable Development



Blue economy sectors

Skills,
training,
career
developm
ent,
upskilling,
reskilling,
digitalisati
on, green
jobs



Blue economy needs



Offshore electricity generation → 1/4 by 2050



50% emissions reduction by 2050



food from ocean to relieve pressure on land



Restoration/adaptation/resilience



Clean ocean/plastics reduction



European leadership in maritime technology

Recovery,
Growth,
Competitiveness,
Jobs, Prosperity

Transforming the Blue Economy value chains

Decarbonisation

- Explore the full potential of offshore renewable energy
- Transition to zero emission vessels
- Transform ports in hubs for sustainable development
- Etc...

Biodiversity and coastal resilience

- Protect and restore coastal and marine ecosystems
- Invest in nature-based solutions
- Value natural capital by promoting sustainable tourism
- Etc...

Responsible food systems

- Meet the CFP sustainability standards
- Implement the strategic aquaculture guidelines
- Invest in macro and micro algae
- Etc...

Circularity

- Get rid of macro-plastics
- Invest in circular design of fishing gears
- Develop recycling facilities for ships, recreational boats, offshore platforms and wind farms Etc...



Skills development, reskilling, upskilling...

For examples: [Euronews ocean videos](#)

Blue Skills needs

Energy

Environment

Technologies

Consumers

Transport

Tourism

Bioeconomy

Fisheries & aquaculture

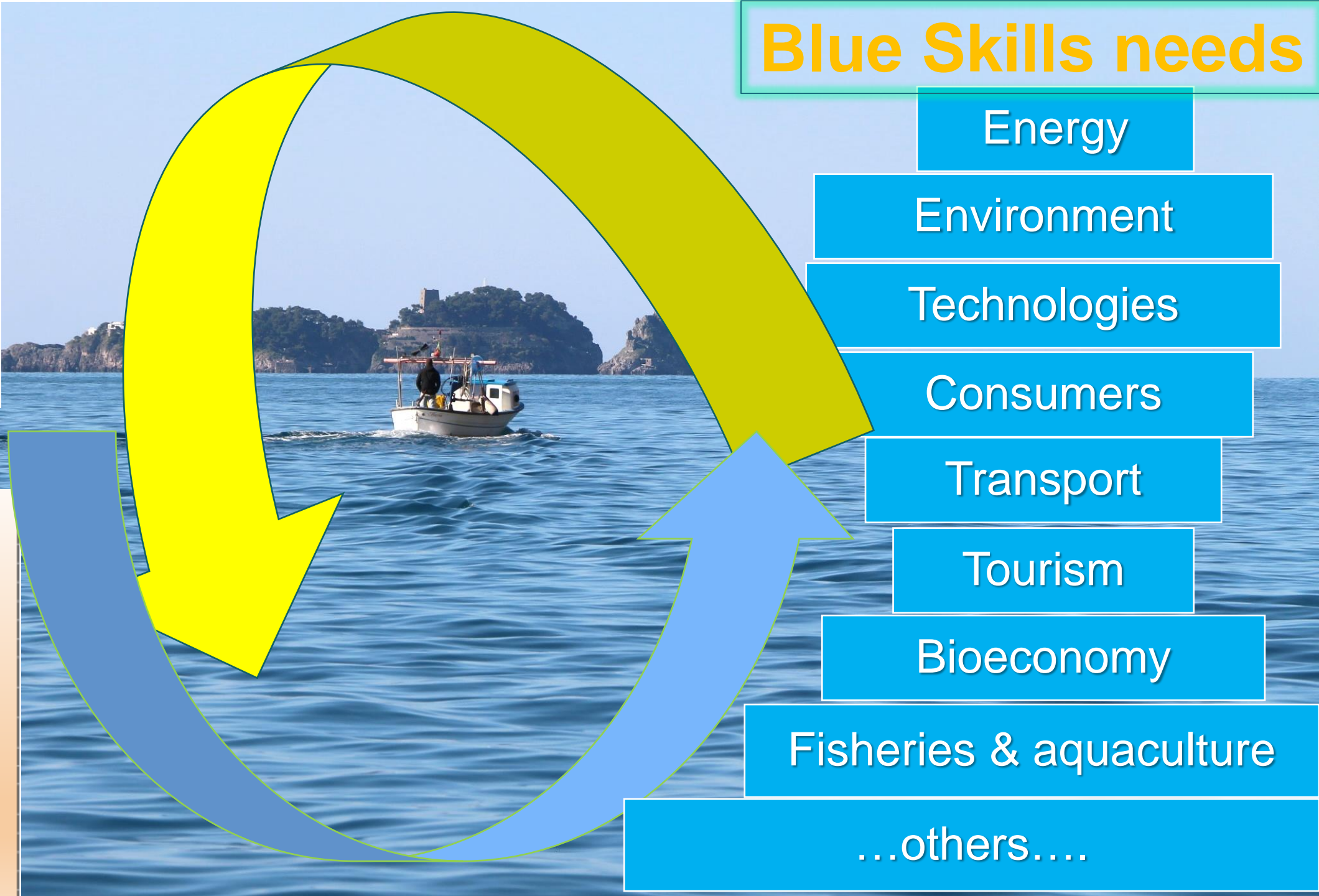
...others....

GREEN DEAL

- fewer emissions
- more biodiversity
- less pollution
- better jobs

INNOVATION

- digitalisation
- smart manufacturing
- circular design
- biotechnology



Shaping policy responses – supporting skills

- contribute to the new European Skills Agenda/ twin digital and green transition / recovery effort
- Across sea-basins / consider needs of the Outermost Regions / in line with and helping sectoral strategies (farm to fork, algae, renewables, maritime decarbonisation, biodiversity....)



training and education, skilling and career development initiatives to meet employment needs, in professions in the blue economy related to new technologies, new industries, innovative sectors, but also more traditional ones

Bottom-up support via sectoral programmes or EMFAF, topical support, decentralized (national) funding, classic intervention logic, test new ideas

Recapitulate: challenges ahead

Contribute to carbon neutrality by developing offshore renewable energy, greening maritime transport and ports and alleviate pressures on land for food production and protein sourcing

Resources from the Recovery and Resilience Facility specifically for skills investment

put forward large scale partnerships in our blue economy sectors to tackle skills development (under the Pact for skills)

Bring together lessons learned from project development

**Sector Skills Alliance
shipbuilding and renewable energy**

Follow up on blue skills partnerships already formed, under the Pact for Skills

valuable input from Calls

Multitude of sectors (fisheries, aquaculture, coastal tourism, blue biotechnology, offshore and ocean energy, marine scientific knowledge, blue skills and jobs for maritime spatial planning, maritime surveillance and security, sea basin regional strategies...)

Need for coherence, legacy...

PROJECTS' FEEDBACK

The reasons we're here today:

TRAININGS

50% of training developed continues in some form

ON-LINE LEARNING

Growth, scaling up → hybrid approaches now by institutions

TRANSFERABLE MODULES

material developed embedded in other courses

FORMAL RECOGNITION BARRIERS

Different qualifications recognition requirements across MSs

LEGACY-BUSINESS PLAN

Project as an one-off /no plans to commercialise

SYNERGIES

↑ Commonalities
↓ limited co-operation between projects

Facilitate – plan better – plan sustainably



Thank you

@EU_MARE

