



Recommendations for the Blue Economy

**Jérémie Fosse, Kristian Petrick
eco-union**

Workshop, Marseille, 30 May 2017

Agenda

- Project objectives and methodology
- Proposed recommendations by sector
- Conclusions and recommendations

Methodology for Recommendations

- **Objective:** Defining a set of key recommendations for the Blue Economy in the Med., per sector and transversal.
- Based on the status and trends of sectorial indicators
- **Consistency** with relevant global and regional SD strategies: MSSD, SCP, SDG, EC WestMed, etc.

Agenda

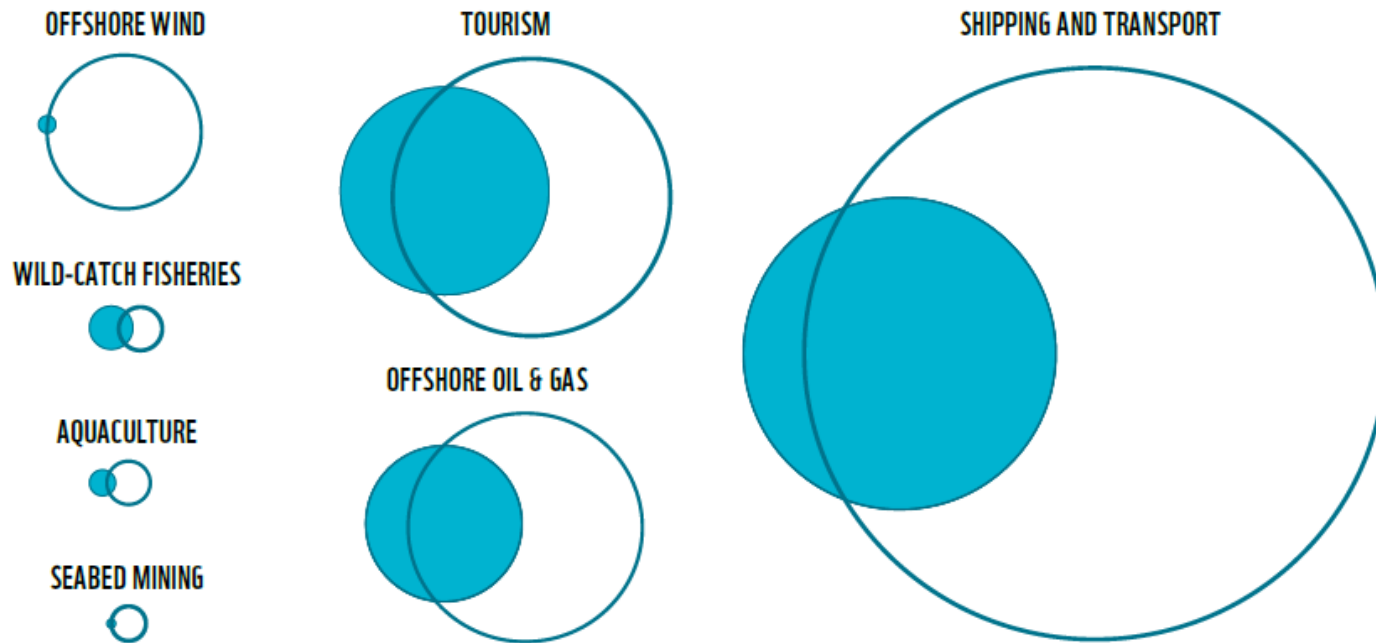
- Project objectives
- Proposed recommendations by sector
- Next steps

Fisheries and Aquaculture

(consistent with GFCM strategy)

- **Improve quality, reliability and accessibility of statistics** on discarded fish and artisanal fisheries (SDG 14.A, MSSD 6.2)
- **Develop and implement sustainable management plans of Mediterranean fisheries** based on the reduction of overfishing, fish catch, by-catch, adoption of fishing quota, unsustainable fishing practices (SGD 14.6, SCP 1.2, MSSD 2.1)
- **Support decent livelihoods for coastal communities** through sustainable small-scale fisheries (SDG 14.B/8.5, SCP 1.2, MSSD 5.1)
- **Improve sound environmental management of the aquaculture industry practices** (SCP 1.1, MDDS 5.3)
- **Sensitize and educate** fisheries and aquaculture producers, retailers and consumers (SDG 12, SCP 1.3, MSSD 5.3)

Getting an idea of the importance of the sectors (today vs. 2030 globally)





RELATIVE SIZE TODAY (GDP)
EXPECTED SIZE 2030 (ROUGH ESTIMATES FOR ILLUSTRATION ONLY)
 Data: Douglas-Westwood Limited, 2005 & others

Figure 1. Rough estimates of the relative sizes of maritime sectors at the global scale based on Gross Domestic Products (GDP) figures from 2005^[1] and their expected growth to 2030 (projections made by WWF)

Tourism (consistent with MSST-PB)

- **Enhance data, standards and good practices sharing**, in particular on energy and water consumption, land used, waste production, quality of beaches and eco-labelled facilities (SDG 6/14.1, SCP 3.1, MSSD 5.3)
- **Encourage responsible travel and greener mobility patterns** through the use of low-carbon transport and greener facilities, length increase of leisure trips, extension of the touristic season and decentralization to the hinterland (SDG 12/14.1, SCP 3.2, MSSD 5.3)
- **Prioritise protection of ecologically significant areas**, respecting the Convention of Biological Diversity and the Barcelona Convention with at least 10% of the Mediterranean Sea as a Marine Protected Area, especially in seas beyond 12 nautical miles (SDG 14.2, MSSD 2.3).
- **Guarantee decent jobs and respect to local cultural, historic and natural heritage** e.g. through SCP (SDG 8.9/12.B, SCP 3.2, MSSD 5.1)

Maritime Transport

- **Promote low-carbon shipping industry**, with the development of cleaner vessel engines, energy efficiency practices, use of renewable energy, etc. (SDG 7, MSSD 5.3, SCP 3.1)
- **Reduce marine and coastal pollution** through elimination of marine litter, reduction of underwater noise pollution, sound ship recycling, waste-water treatment and responsible ballast water management (SDG 14.1, MSSD 1.1, SCP 3.1).
- **Implement greener port practices** focusing on reduction of air pollution, GHG emissions, water efficiency and sewage treatment, through trainings, capacity buildings, environmental regulations and enforcement (SDG 9, MSSD 5.5, SCP 3.1)

Energy

- **Promote and invest in offshore wind developments** in the areas with high wind resources, thus creating – together with onshore wind and PV – a new green industrial sector in the region (SDG7, MSSD 4.4).
- **Phase out offshore oil and gas activities, including exploration, production, distribution and consumption**, in the Mediterranean sea and coasts (SDG 7, MSSD 4.4).
- **Eliminate environmentally harmful subsidies** to fossil fuels and carbon taxes as well as promoting Energy efficiency measures and practices (SDG 12.C, MSSD 5.3).
- **Report offshore oil and gas activities** in a transparent and consistent manner, in particular data on exploration, investment, production and transport (SDG 14.A, MSSD 6.1).

Bioprospecting

- **Promote public patents and avoid private property rights on live organisms** for benefit of the whole society.
- **Invest in scientific projects and R&D** to analyse and monitor better benefits, risks, opportunities and challenges (SDG 14.A)
- **Develop and implement sound strategies, policies, regulations and legislations** to maintain this sector under control, applying precautionary principles when **needed (SDG 14.2)**

Agenda

- Project objectives and methodology
- Proposed recommendations by sector
- Conclusions and recommendations

General conclusions per sector

- **Energy:** Off-shore oil & gas have to be gradually phased out, RE should be promoted through incentive schemes.
- **Fisheries and aquaculture:** Industrial fisheries to be limited while **sustainable** artisanal fisheries can be supported. Aquaculture must be closely monitored to avoid environmental pollution.
- **Tourism:** Greening of touristic facilities, educational campaigns to tourists, promotion of longer stays and sustainable destination management. Development of “hinterland”. Local products and producers to be prioritized.
- **Transport:** Vessels and ports to implement sound environmental management plans; investment into low carbon engines and cleaner technologies. Ports to be electrified using RE.
- **Bioprospecting & sea mining:** To be closely monitored to avoid bio-piracy and environmental alteration. Development of appropriate policy instruments together with scientific research and R&D investment.

Thank you very much for your attention

Jeremie Fosse

eco-union

M (+34) 629 694 001

jeremie.fosse@ecounion.eu

Kristian Petrick

eco-union

M (+34) 637 710 451

kristian.petrick@ecounion.eu