WestMED National Event – Italy
Italian National Hub and National Coordinator

Climate Change & MSP
Patrycja Enet
EU MSP Platform North Sea focal point
UN Climate Change & EMG Secretariat expert consultant on Oceans

Online | 25-26 June 2020
About the CC Facts (IPCC Special Reports)

About the CC-related International Processes

About CC and the Sustainable Blue Growth

Climate Change & MSP

**MSP plans are to contribute to resilience to Climate Change, taking into consideration climate-induced long-term changes**

"The main purpose of maritime spatial planning is to promote sustainable development and to identify the utilisation of maritime space for different sea uses as well as to manage spatial uses and conflicts in marine areas. (...) Member States need at least to ensure that the planning processes result in a comprehensive planning identifying the different uses of maritime space and taking into consideration long-term changes due to climate change." (Paragraph 19, EU MSP Directive 2014/89/EU)
Climate Change - Facts

SROCC in a nutshell

...on 80% of the earth surface climate change affects the life sustaining systems - from the top of the mountains to the depth of oceans. These changes will continue for generations to come.

Current background: unsustainable ocean uses
The local situation in Italy and the Western Mediterranean

Adopted National Climate Change Adaptation Strategy:
In Italy the most significant expected impacts in the coming decades will be consequent to the exceptional rise in temperatures, to the increase in frequency of extreme weather events (heat waves, drought, episodes of heavy rainfall) and the reduction of average annual rainfall and flows annual rivers.

Patrycja Enet @WestMED National Event-Italy -3-
Climate Change impacts on Maritime Sectors

Projected changes, impacts and risks for fisheries as a result of climate change

(c) Maximum fisheries catch potential

~ +1.5°C

~ +4°C

Tourism
Fisheries
Shipping
Ports

"In Italy fisheries contribute about a fifth in value to the internal demand of fish products and Italy is the most productive in the Mediterranean. In Italy fishing has significant importance in historical, cultural and marine environment management terms. The nature of the future impacts of climate change on this sector deserves to be carefully analyzed.” (translated from Italian - National Climate Change Adaptation Strategy)

Patrycja Enet @WestMED National Event-Italy -4-
The IPCC Special Report on the Ocean and Cryosphere (SROCC) from 2019 demonstrates that climate-resilient and sustainable development is only possible with immediate, drastic, coordinated and sustained mitigation measures to preserve the vital functions of the ocean, and emphasizes the urgent need for actions to reduce GHG emissions.

To limit warming to 1.5°C, CO2 emissions would need to fall by about 45% by 2030 (from 2010 levels).

To limit warming to 1.5°C, CO2 emissions would need to reach ‘net zero’ around 2050.
Production Gap

21.11.2019

UNEP Production Gap Report 2019
Blue Economy
MSP Planning of Maritime Activities
Climate Change consideration in Maritime Spatial Plans

MSPglobal: Worldwide, some MSP initiatives mention climate change, e.g. in Morocco, Malta

The EU MSP Directive (2014/89/EU) highlights that MSPs are to contribute to resilience to climate change impacts, taking into consideration climate-induced long-term changes.

“(19) The main purpose of maritime spatial planning is to promote sustainable development and to identify the utilisation of maritime space for different sea uses as well as to manage spatial uses and conflicts in marine areas. Maritime spatial planning also aims at identifying and encouraging multi-purpose uses, in accordance with the relevant national policies and legislation. In order to achieve that purpose, Member States need at least to ensure that the planning process or processes result in a comprehensive planning identifying the different uses of maritime space and taking into consideration long-term changes due to climate change.”
Blue Economy:
- MSP & Climate Change -

Pic. source: Bas Kohler
Roundtable discussion

“The importance of MSP and the challenge of Climate Change”

- **Blue** & **Green** -

**Climate Change Mitigation**    **Climate Change Adaptation**

What are the efforts of inclusion of Climate Change considerations in MSP?
What are the challenges of inclusion of Climate Change considerations in MSP locally?
What is a way forward with regards to the importance of MSP and the challenges of CC?
Thank you!

Patrycja Enet
EU MSP Platform North Sea focal point
UN Climate Change & EMG Secretariat expert consultant on Oceans