



Maritime Spatial Planning as enabler of the  
European Green Deal



Consorzio per il coordinamento delle ricerche  
inerenti al sistema lagunare di Venezia  
*Consortium for coordination of research activities  
concerning the Venice lagoon system*

# MSP as an enabler for EU Green Deal

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# The European Green Deal (EGD)



Ref. COM(2019) 640 final

- ❖ no net emissions of greenhouse gases by 2050
- ❖ economic growth decoupled from resource use
- ❖ no person and no place left behind

# The Fit for 55 Package

## FIT FOR 55 – COMMISSION PROPOSALS



EU Emissions Trading System (ETS) reform



New EU Emissions Trading System for building and road transport fuels



Social Climate Fund



Effort Sharing Regulation



Regulation on Land Use, Forestry and Agriculture (LULUCF)



CO2 emissions standards for cars and vans



Carbon Border Adjustment Mechanism (CBAM)



Renewable Energy Directive



Energy Efficiency Directive



Alternative Fuels Infrastructure Regulation (AFIR)



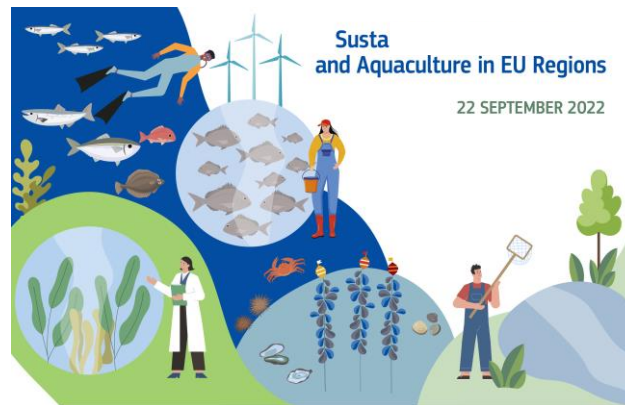
ReFuel EU Aviation Regulation



FuelEU Maritime Regulation

# The marine/maritime component of EGD

## A new approach for a sustainable blue economy in the EU: Transforming the EU's Blue Economy for a Sustainable Future



- ❖ Contribute to achieve the objectives of climate neutrality
- ❖ Support coastal climate adaptation and resilience
- ❖ Preserve and restore marine biodiversity
- ❖ Ensure sustainable sea-food production
- ❖ Achieve zero pollution of seas
- ❖ Switch to a circular economy of blue sectors
- ❖ Improve management of space at sea

Ref. COM(2021) 740 final

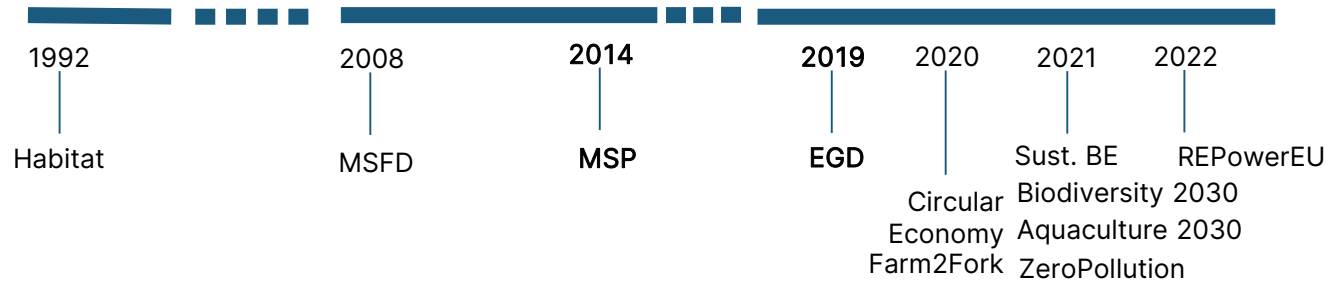
# MSP & EGD

## Different objectives and focus

Maritime spatial planning (MSP) is the tool to manage the use of our seas and oceans coherently and to ensure that human activities take place in an efficient, safe and sustainable way.



## Different timelines



Clearly, we have some misalignment!

# EGD and MSP plans: an opportunity

There is an opportunity to unfold the MSP – EGD nexus and better exploit the potential of MSP to actively promote the achievement of EGD goals in the marine domain



# MSP-GREEN: MSP plans as promoters of EGD



## Project ambition

MSP-GREEN is working to contribute aligning maritime spatial plans to the ambition of the EGD by creating a framework for plans as marine enablers of the EGD.

The framework will provide a cross-cutting approach to the EGD key topics relevant for marine environment and sustainable transition of blue economy.

Project structure  
Who we are  
Maritime Green Deal

- CORILA
- CSIC
- Cereima
- Regional Council of Southwest Finland
- CCMS
- Ministry of Environmental Protection and Regional Development of Latvia
- VASAB
- Ifremer

Duration: 2 years, starting November 2022

Budget: 1.933.490,03 €



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- Assess whether and how **MSP plans** of the partner countries have considered the EGD objectives
- Identify and exchange **valuable practises** of incorporation of EGD elements in MSP plans
- Design and start implementing **additional actions** to strengthen the implementation of EGD-related objectives
- Provide **recommendations** to EU countries on how to use MSP in fostering the achievement of the EGD goals
- Engage **regional sea communities** – including non-EU countries in a dialogue on the EGD ambition and the role of marine planning for a Sustainable Blue Economy

# EGD and MSP: complexity of interlinkages

## EGD-related policy documents

- The European Green Deal (2019)
- A new approach for a sustainable blue economy (2021)
- An EU Strategy to harness offshore renewable (2020)
- Climate Law (2021)
- REPowerEU Plan (2022)
- Stepping up Europe's 2030 climate ambitions (2020)
- EU Biodiversity Strategy for 2030 (2021)
- A Farm to Fork Strategy (2020)
- Zero Pollution (2021)
- Circular Economy Action Plan (2020)
- Sustainable and competitive EU aquaculture (2021)



**“EGD-MSP NOMENCLATURE”**

# Assess whether and how the MSP plans in place consider the EGD objectives



## TOPICS

- A. Climate change mitigation
- B. Climate change adaptation
- C. Sustainable sea-food production
- D. Biodiversity and ecosystem protection and restoration
- E. Blue circular economy
- F. Zero pollution



LIST OF  
TOPICS, SUB-TOPICS and more  
DETAILED ELEMENTS

# EGD marine/maritime nomenclature: an example



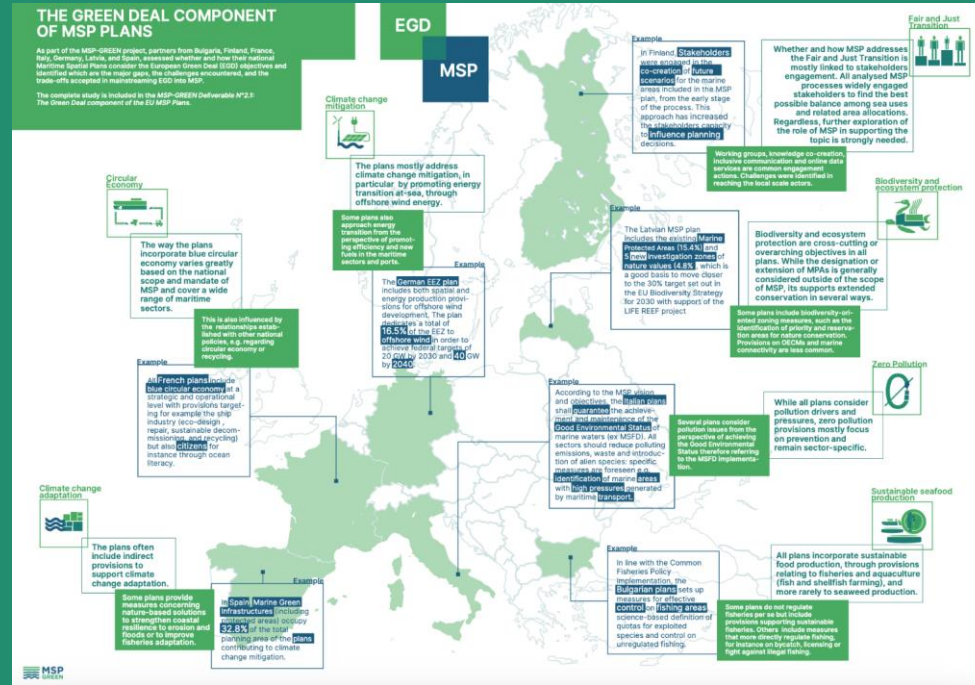
<b>A</b>	<b>Climate change mitigation</b>
<b>A.1</b>	<b>Renewable energy production, storage and transportation</b>
A.1.1	Development of marine renewable energy installations
A.1.2	Development of sustainable ocean energy mix (in addition to bottom-fixed offshore wind, floating wind, thermal, wave and tidal energy, also in combination)
A.1.3	Integration of renewable energy solutions with energy efficiency and other sustainable solutions
A.1.4	Multi-use of the sea space: combination including energy installations
A.1.5	Development of grid infrastructures
A.1.6	Development of innovative technologies and infrastructures (smart grids, hydrogen networks, carbon capture, storage and utilization, energy storage, etc.)
A.1.7	Coordinated, transboundary initiatives
<b>A.2</b>	<b>Clean energy transition in maritime sectors</b>
A.2.1	Initiatives towards emission reduction from ships -sustainable maritime mobility (including spatial and non spatial measures)
A.2.2	Initiatives towards emission reduction in ports or marinas
A.2.3	Initiatives towards emission reduction in other sectors considered by the Plan(s) (e.g. fishing boats)
<b>A.3</b>	<b>Transformations in ports</b>
A.3.1	Ports as energy hubs: integrated electricity provision, hydrogen and other low-carbon fuel systems
A.3.2	Use of smart digital solutions and autonomous systems in ports (e.g. to optimize traffic flows and cargo handling in and around ports)
<b>A.4</b>	<b>Blue carbon sinks</b>
A.4.1	Preserving and restoring coastal vegetation systems as tidal marshes and seagrasses accumulating "blue carbon"

# How EGD is reflected in MSP plans

National contexts strongly influence whether EGD elements are incorporated in MSP

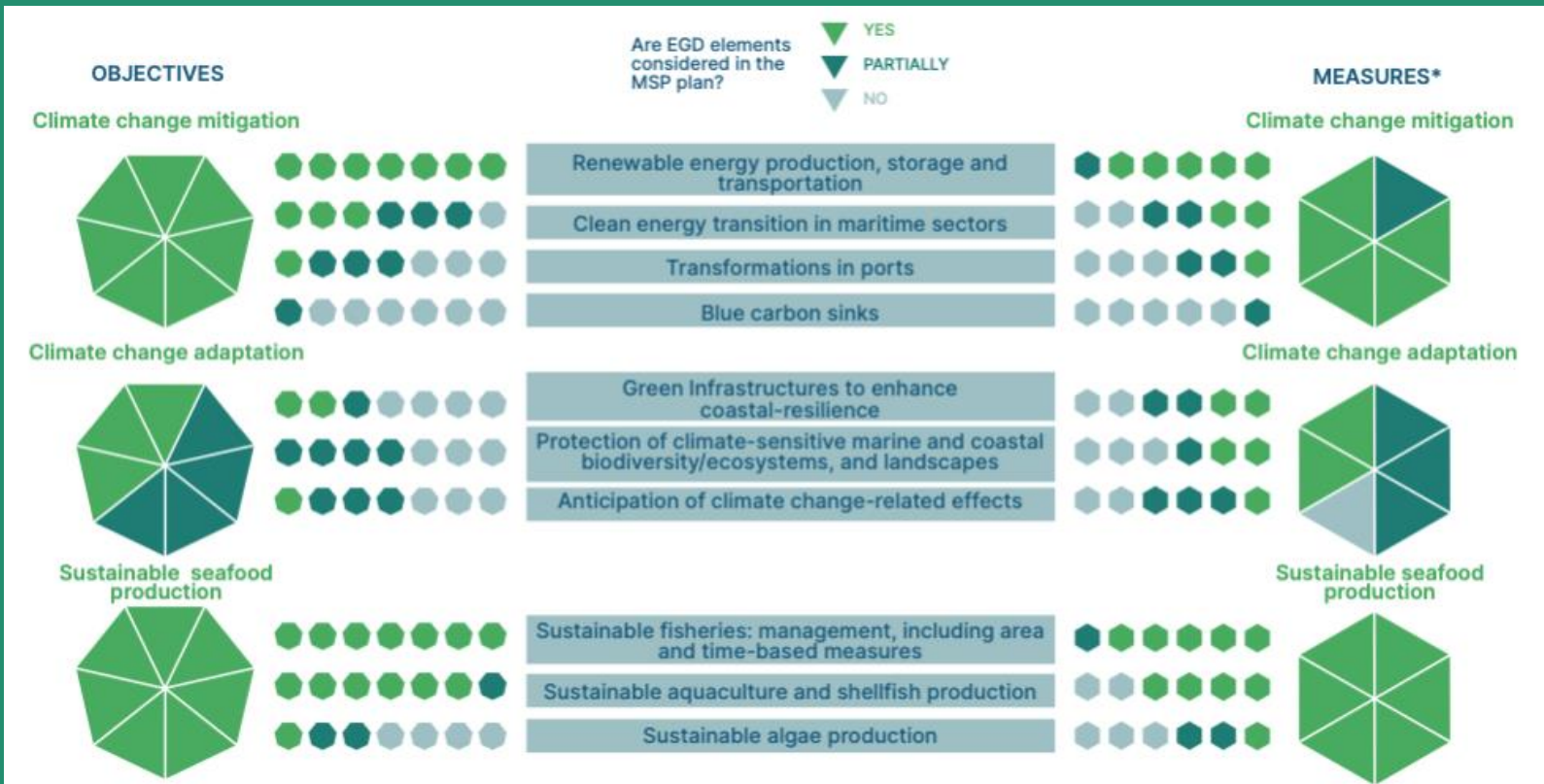
MSP has different levels of capacity to support the objectives of EGD

MSP has confirmed as a great enabler of the maritime component of EGD for its intrinsic cross-sectorial approach

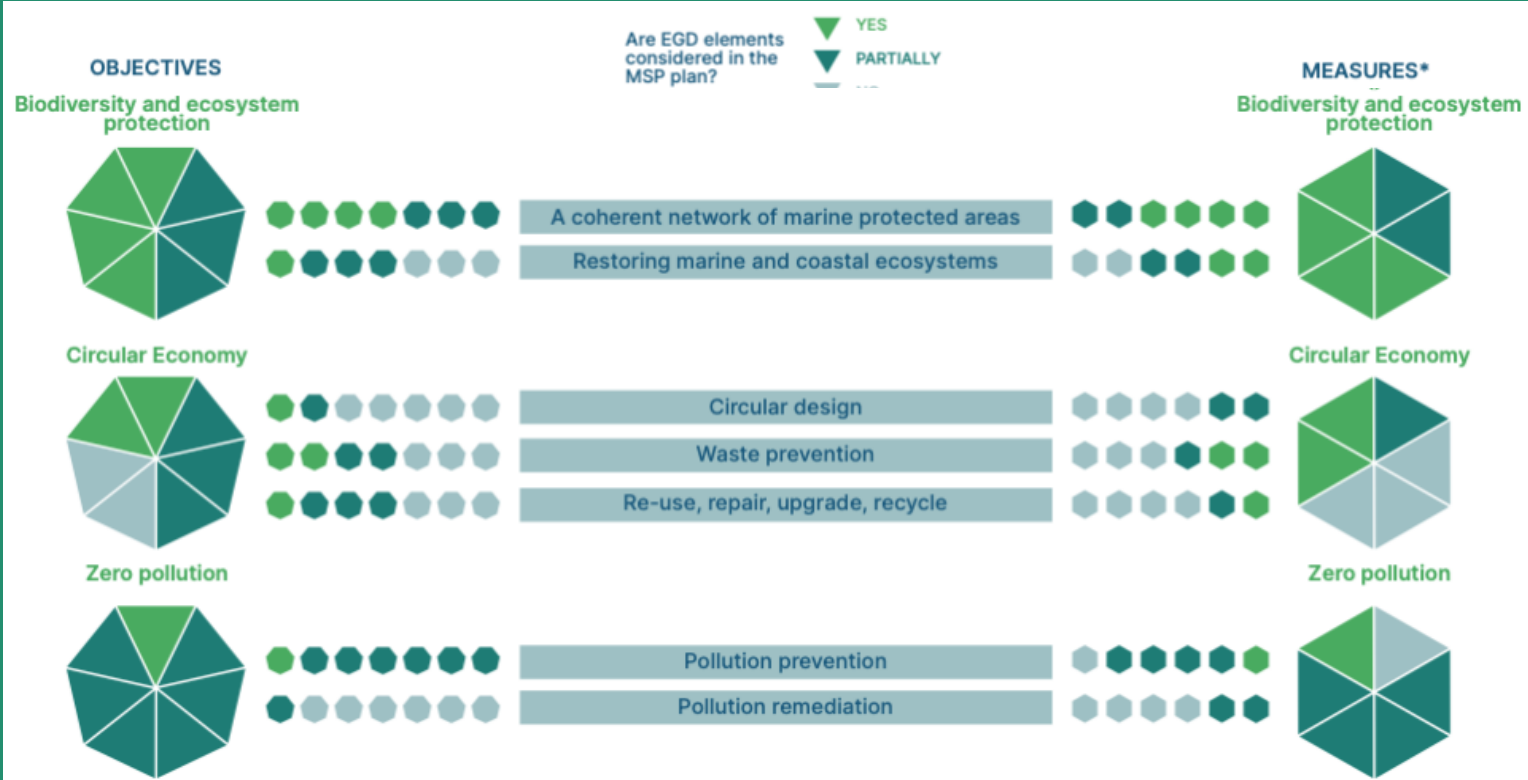


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# EGD elements in MSP plans (partner countries only)



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# Challenges in incorporating EGD in MSP



Spatial competition due to the lack of available sea space

Lack of some marine and maritime data, and related issues such as data fragmentation and lack of interoperability

Difficulties to project in the future over the medium and long term

Geographic and legal scope and mandate of MSP at a national level

Lack of cooperation between relevant authorities and contrasting objectives from policies coordinated within planning

MSP process limitations: lack of resources, time or participation





# Next steps

- Provide recommendations to EU countries on how to use MSP in fostering the achievement of the EGD goals
- Engage regional sea communities – including non-EU countries in a dialogue on the EGD ambition and the role of marine planning for a Sustainable Blue Economy





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The Sea horizon, is green.

Thank you!

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