

Progressing towards climate-smart MSP in Italy

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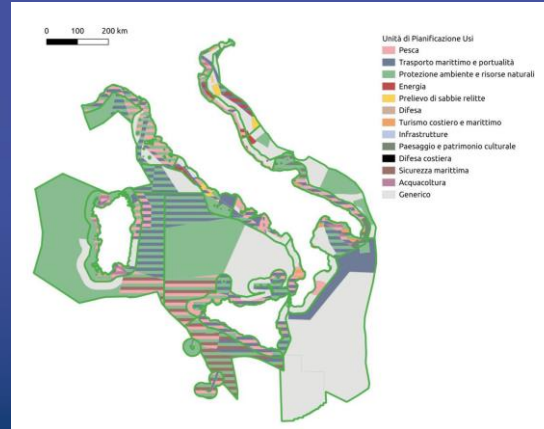
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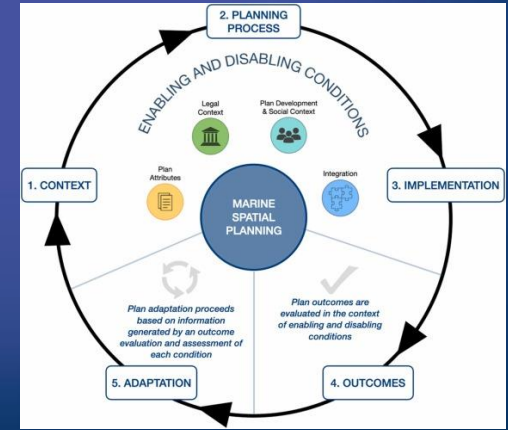
The Italian MS Plans in a nutshell



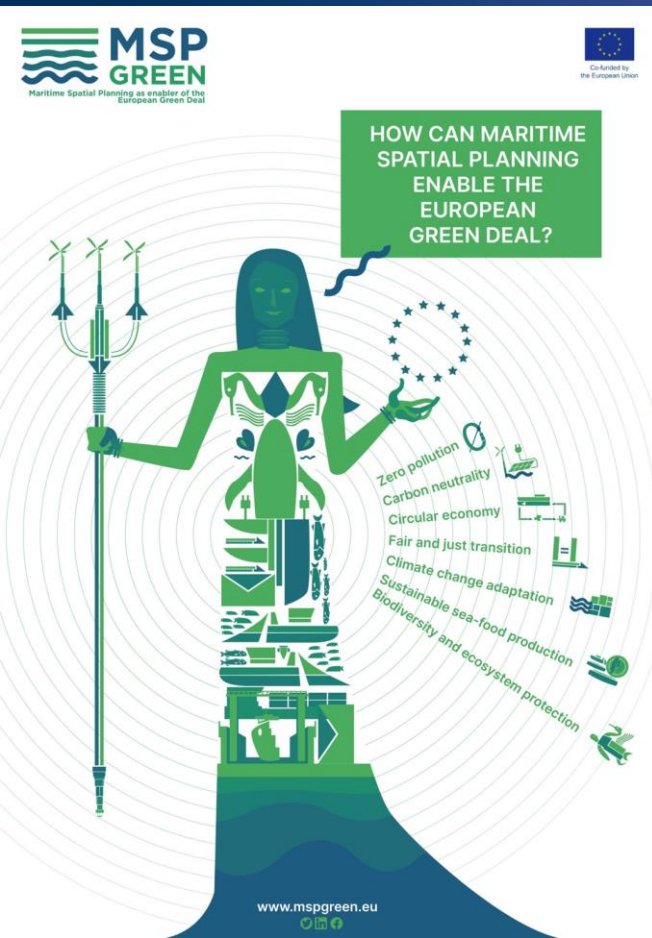
- Three coherent plans, adopted on 25.09.2024
- Overarching, strategic, and legally binding plans
- Strategic (44) and specific objectives, zoning elements, national (80) and sub-national measures
- Multi-scalar approach: 3 areas, 27 subareas, 326 planning units
- Vocations of use (priority uses) for the identified planning units



I MSP cycle



MSP GREEN: aligning MSP to the EGD



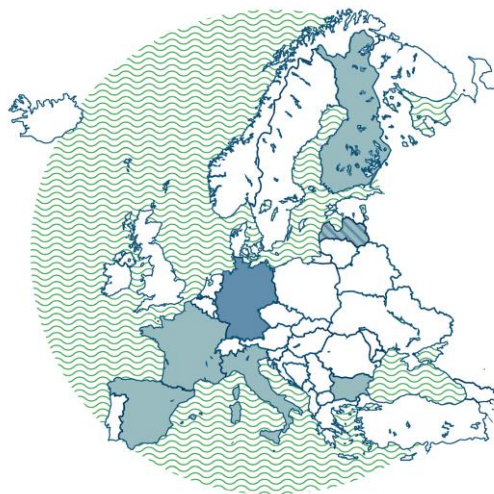
MSP-GREEN contributed to aligning MSP with the ambition of the EGD by creating a framework (from assessment to practices to recommendations) for plans as marine enablers of the EGD

From analysis, to sharing of valuable practices, design of new practices, and co-development of recommendations

“EGD-MSP NOMENCLATURE”

Topics, sub-topics and more detailed elements

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



Adaptation vs Mitigation

Adaptation and mitigation are complementary aspects of climate-smart MSP

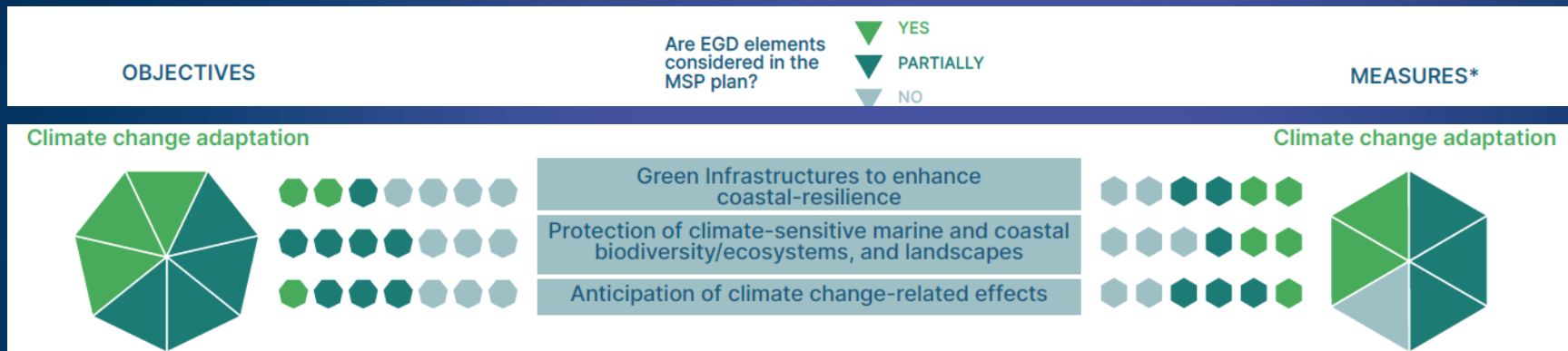
Ecosystem-based MSP is the cornerstone for climate-smart MSP



NAZ_MIS|06 Study on the impacts of CC on the MS plan and the identification of adaptation measures for sectors and habitats

NAZ_MIS|07 Study on the MS plans' contribution to climate change mitigation and carbon neutrality targets

Climate change adaptation in MSP



Climate change adaptation is not tackled as an overall priority

While some elements of climate change adaptation are identified in the plans assessed, the topic is not tackled as an overall priority. Plans focus on specific risks related to climate change, such as coastal erosion or flooding, but do not take a more comprehensive and integrated approach. While plans contain various sector-specific provisions that contribute to climate change adaptation, such as marine conservation, most are not explicitly integrated into wider adaptation strategies. Climate change adaptation requires cross-cutting visions, and adaptation efforts need to span various sectors and geographical scales.

CCA in the Italian MSP plans

ICZM and coastal protection

Environmental protection

Environmental restoration

Blue carbon



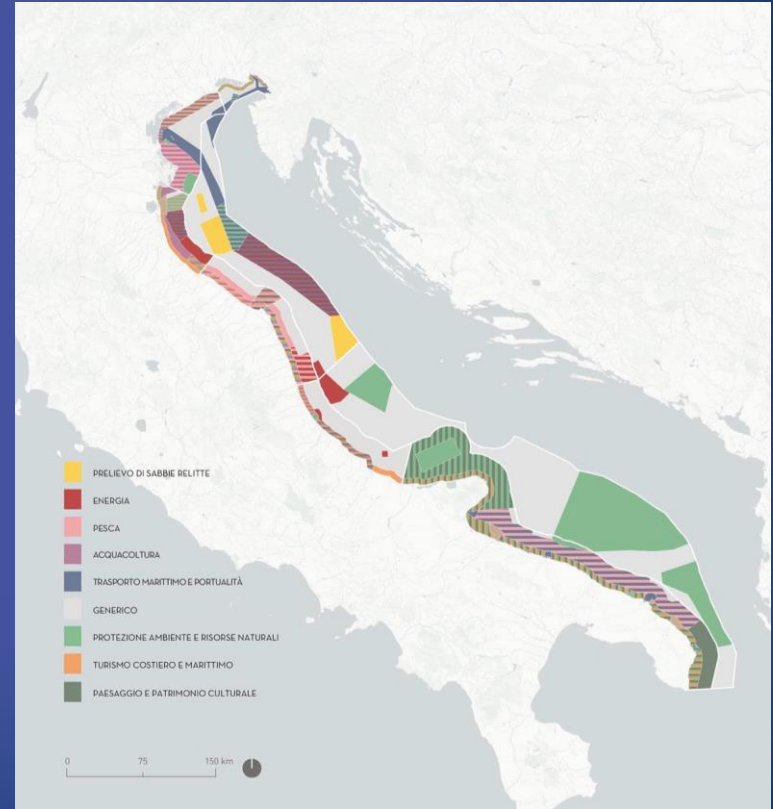
ICZM and costal protection

Highlighting the high vulnerability of some Italian coasts to erosion and flooding

NAZ_MIS|70: Update and integrate (in a CC perspective) existing planning instruments: MSP, coastal adaptation plans, flood risk management plans, ICZM plans

Identification of planning units with priority on sand extraction

Dedicated measures of the plan: (i) mapping of offshore sand deposits, (ii) priority planning of this resource, (iii) reducing conflicts with other uses (e.g. MPA, fisheries, ORE, etc.), (iv) testing new NBS



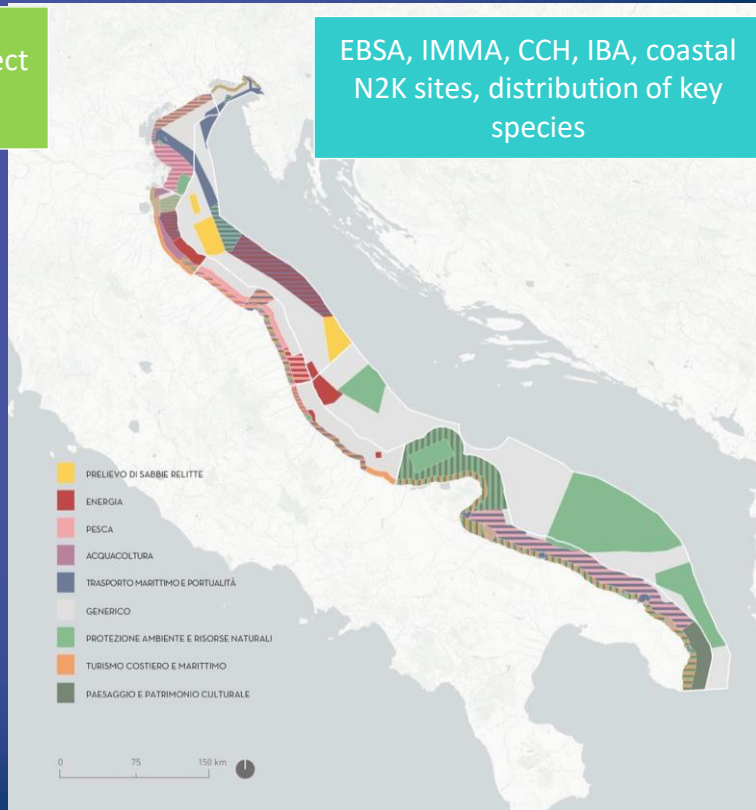
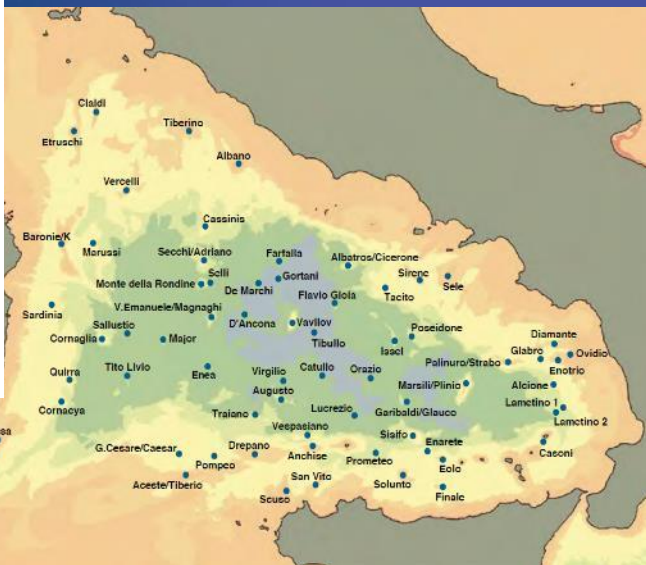
Environmental protection and natural resources

Supporting the Italian process contributing to the EU biodiversity strategy: 30%-10% by 2030

MPA, marine N2K sites, indirect protection (e.g. FRAs)

EBSA, IMMA, CCH, IBA, coastal N2K sites, distribution of key species

@IUCN Atlas of Med Seamounts, 2015



Environmental protection and natural resources

Measures

NAZ_MIS|15: working group across policies (MPA, MSFD, Biodiversity Strategy, fisheries policies) for the coherent identification of suitable areas for the expansion of the network of marine protected areas (MPAs, N2K, OECMs)

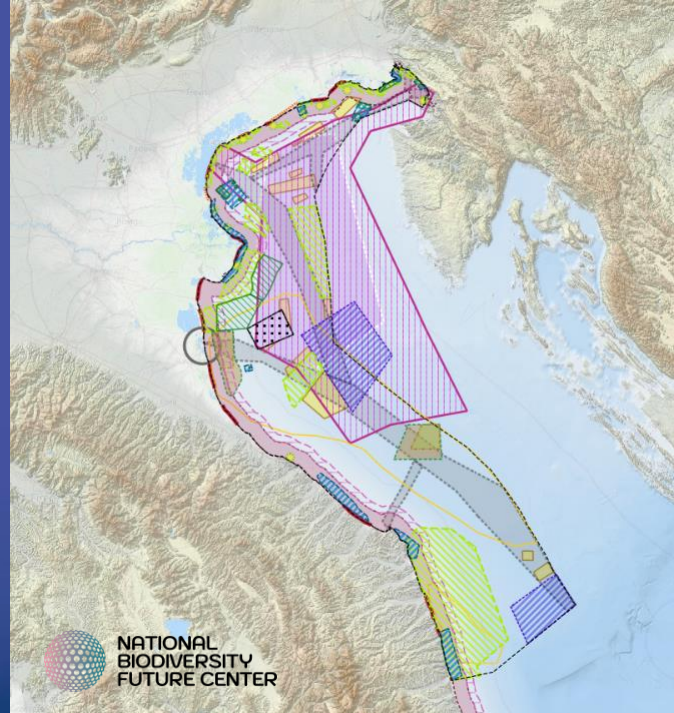
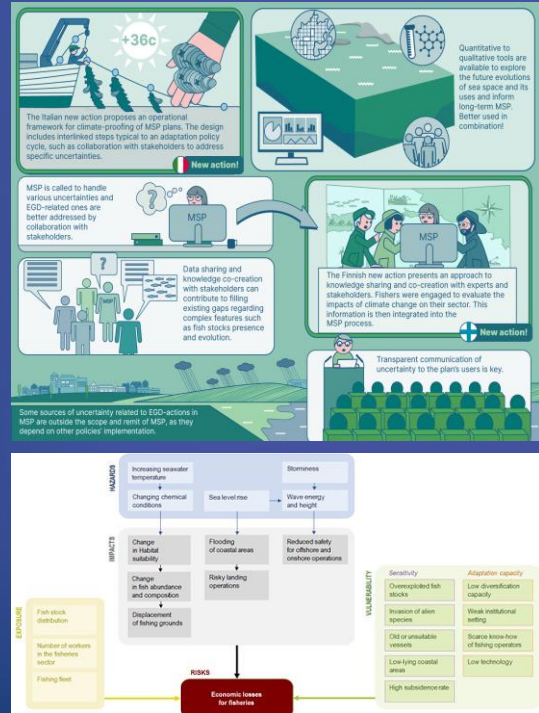
NAZ_MIS| 18: develop the National Plan for the restoration of degraded marine habitats (i.e. seagrasses, salt-marshes, rocky outcrops, submarine canyons, deep-sea coral reefs) and areas (i.e. coastal industrial sites), coherently with the MS plans

NAZ_MIS|07: Study on the contribution of blue carbon ecosystems to CCM and CCA and the way these aspects should be integrated in the MS plans



Evidence-based, climate-smart MSP is a journey

The adopted MS plans are a first step of an ongoing, long-term, iterative process





Thank you for your attention