

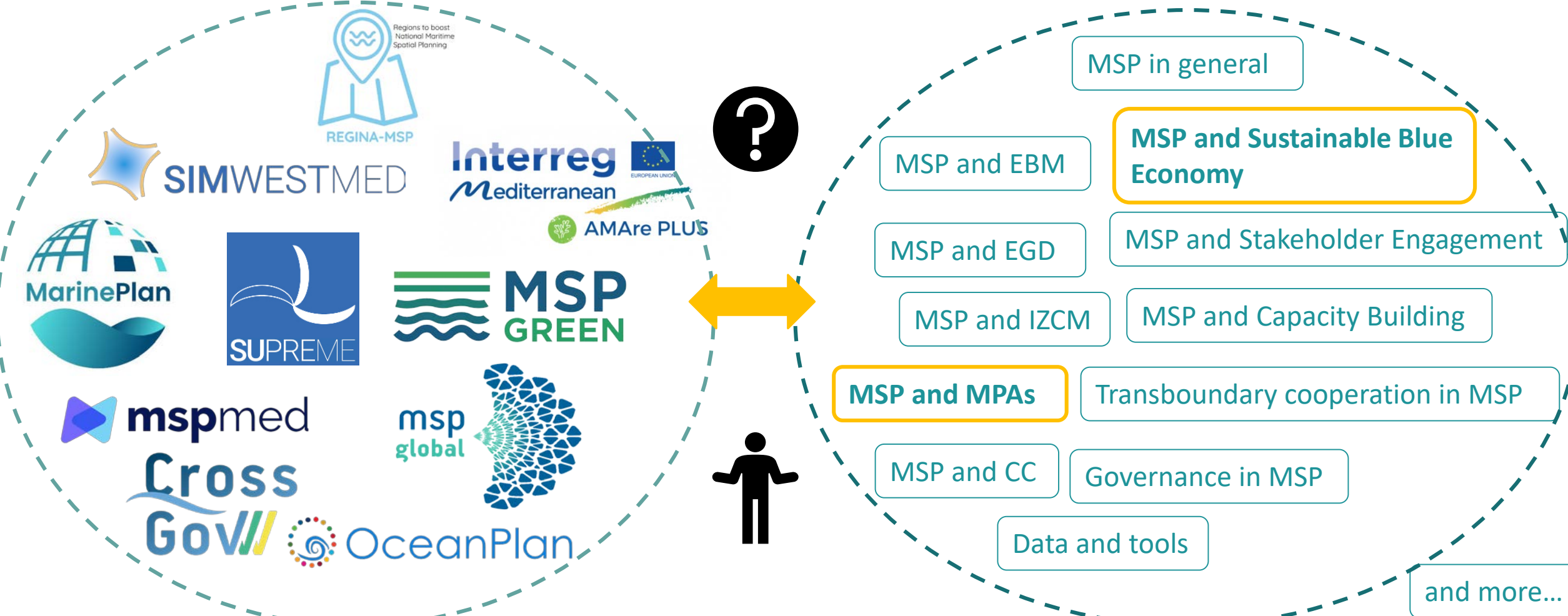


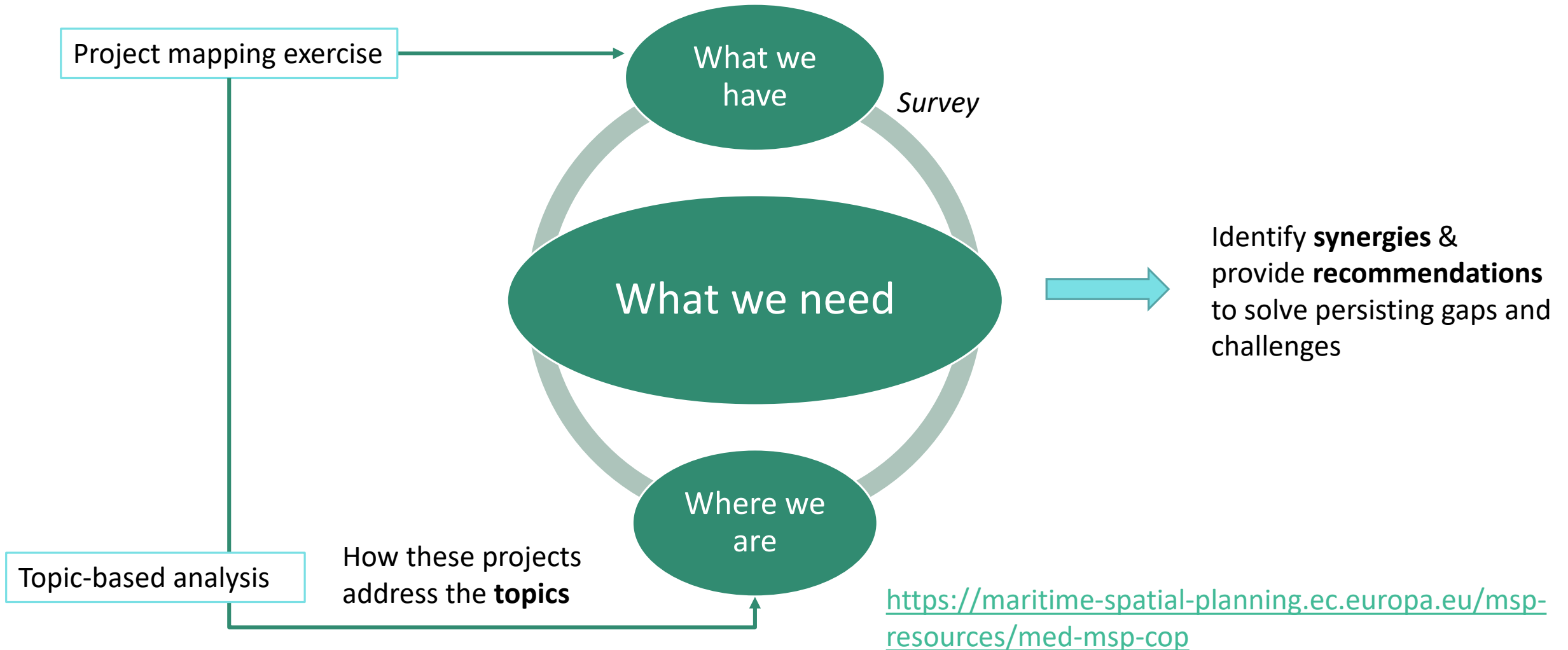
A sea of knowledge to capitalize: results of the screening of MSP projects and initiatives in the Mediterranean

29TH NOVEMBER 2023, MED-MSP-COP WEBINAR



Why mapping / screening projects in the Mediterranean?





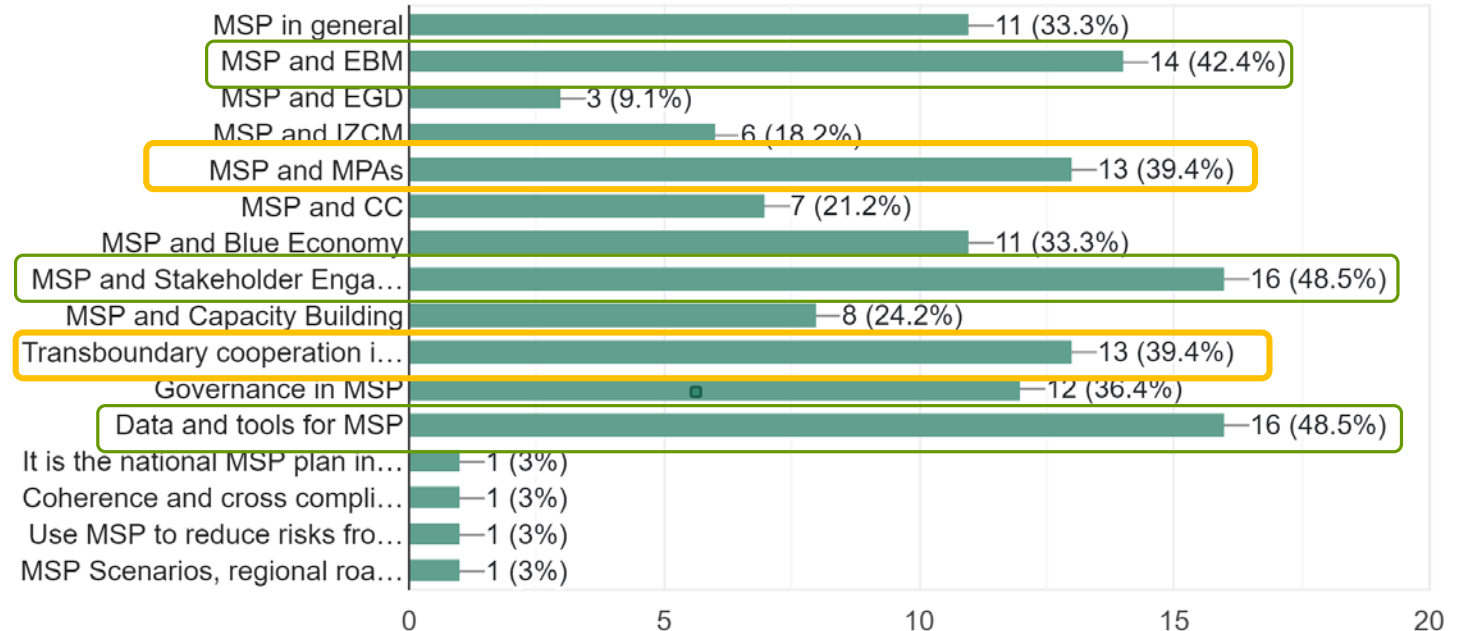
Results

Number of projects
screened till now:
32 projects

Main topic of research

Main topic(s) of research Multiple choice Please use as much as possible the predefined values, you can include more details in the short abstract field.

33 responses



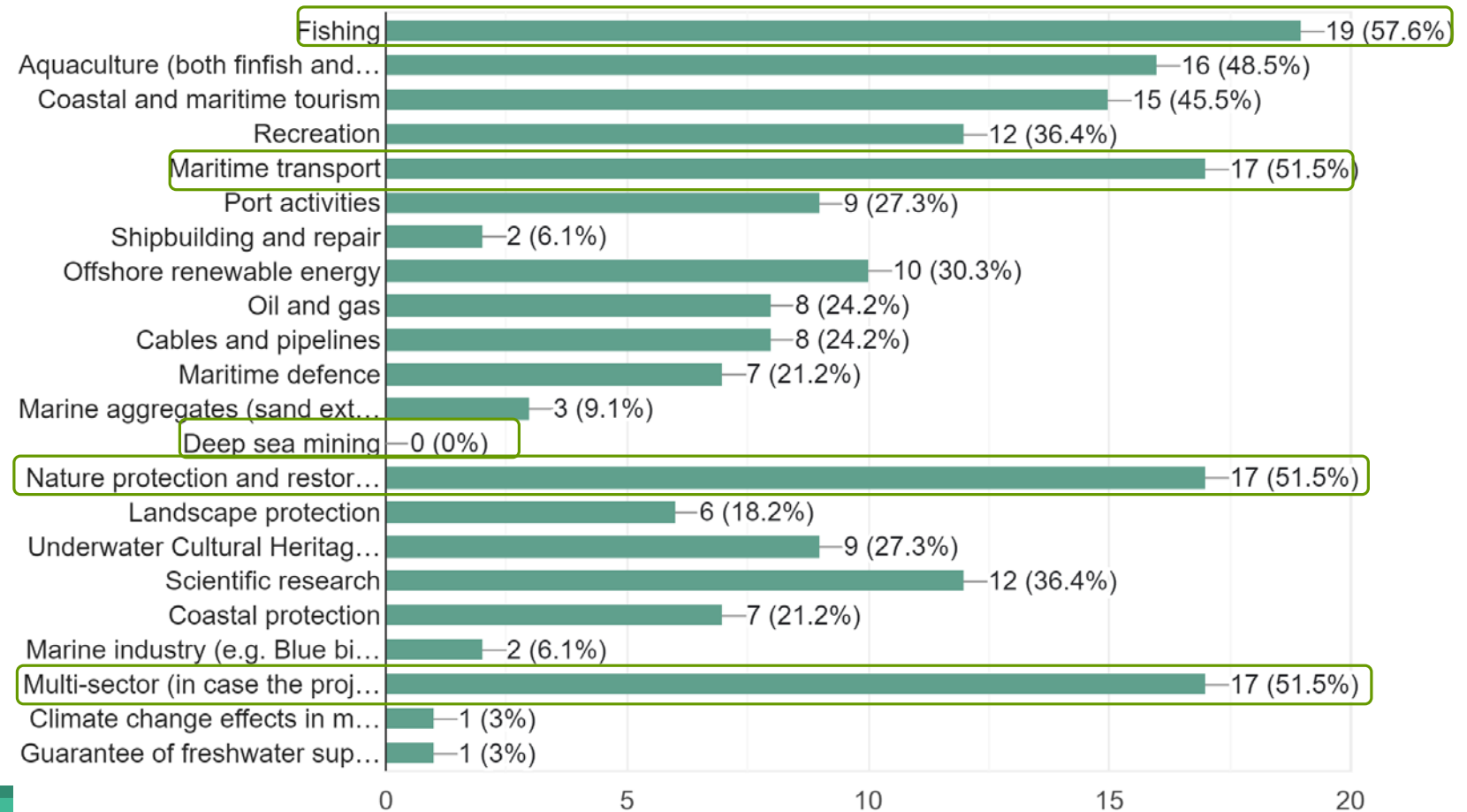
Results

Number of projects
screened till now:
32 projects

Sectors considered in projects

Sector(s) considered Multiple choice

33 responses



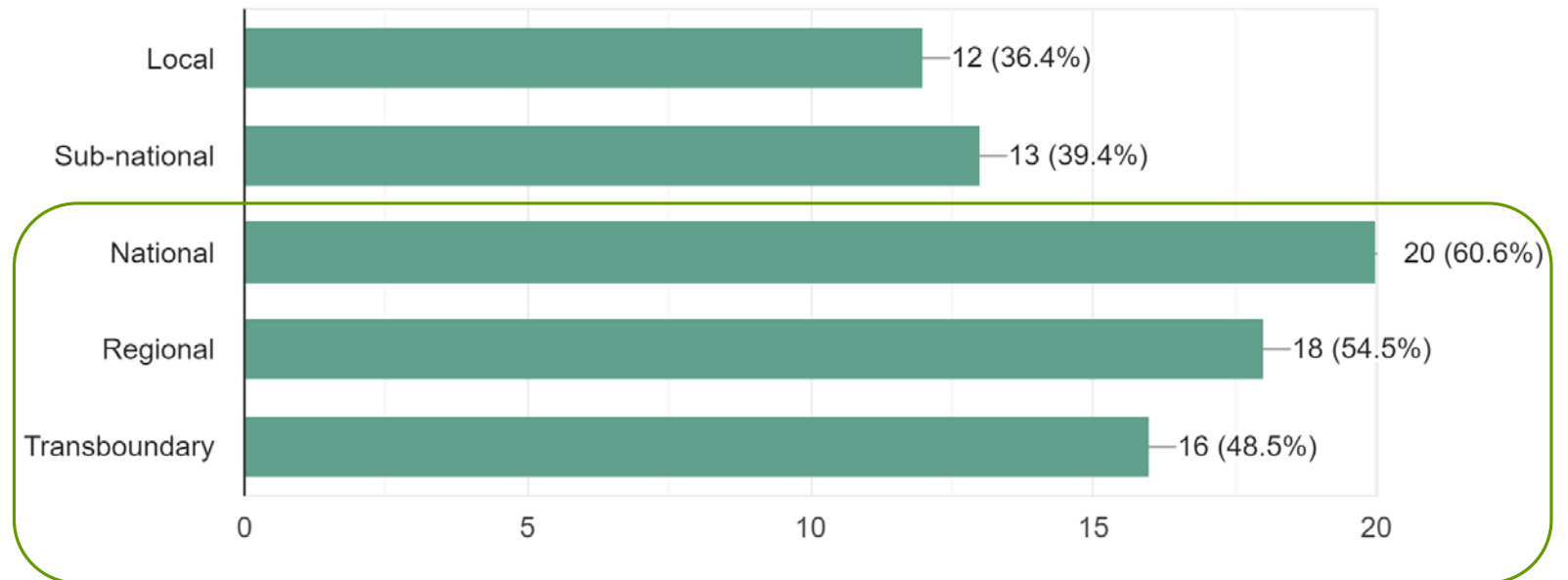
Results

Number of projects screened till now: **32 projects**

Scales considered in projects

Governance level considered Multiple choice

33 responses



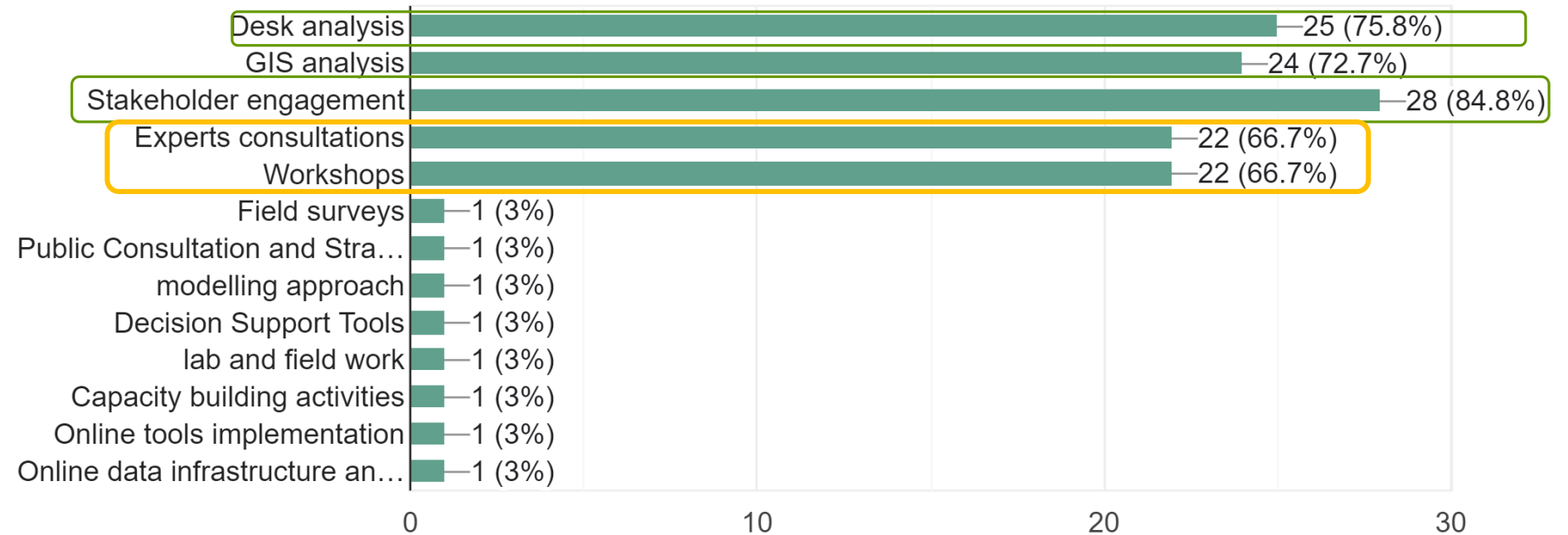
Results

Number of projects
screened till now:
32 projects

Method used to reach project's objectives

Methods used to reach project's objectives Multiple choice

33 responses



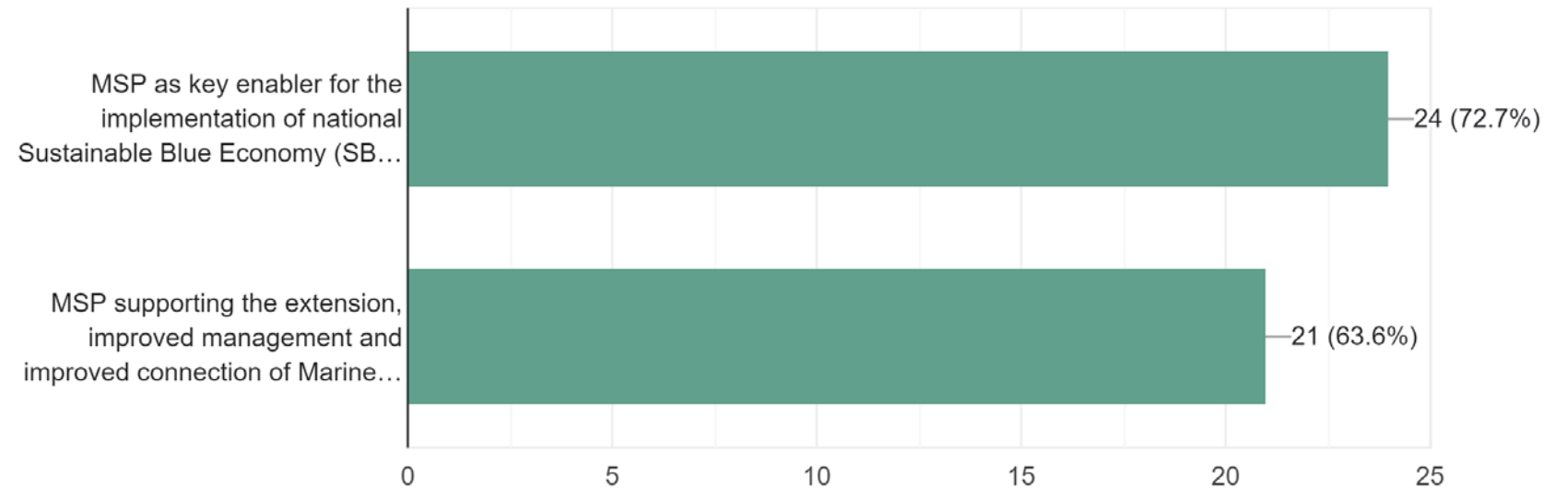
Results

Number of projects
screened till now:
32 projects

MED-MSP- CoP topic most related to the project/initiative

Select the topic(s) among the two pre-identified of the CoP activity of year 1 that is or are more related to the project/initiative

33 responses



Key preliminary findings

How these projects/initiatives address the MSP & MPAs topic?

- **MSP as a comprehensive marine conservation policy:** Through including the conservation program in MSP; Analysis of conservation targets implementation through MSP integration of EGD objectives
- **MSP for the identification of MPAs and their connectivity (MPA networks) :** MPA identification using data (and knowledge) gaps about human uses and biodiversity status interactions; MPA network design based on physical connectivity and spatial distribution of EBSA metrics; Identification of ecological stakes/ecologically valuable areas (areas to protect) through: stakeholder engagement, gathering of spatial data, expert consultation in the MSP process; Marine Green infrastructure integration on MSP for connectivity
- **MSP as a framework to design conservation measures:** Design of targeted actions in case where human-wildlife conflicts seems to exist; Scale-smart MSP – using the appropriate scale to identify regional/local specificities and design specific actions with regards to conservation

Key preliminary findings

How these projects/initiatives address the MSP & MPAs topic?

- **Climate-smart MSP for MPAs:** Identification of MPAs (and MPAs networks considering CC effects (climate refugia) through a Climate-proof MSP process
- **MSP to monitor conservation objectives:** Operational monitoring protocols in line with conservation objectives.
- **MSP scenarios to assess protection targets:** MSP Scenario development for Sustainable Blue Economy focusing on biodiversity targets.
- **MSP analysis to support conservation:** Ecosystem services valuation & cumulative monetized impacts for decision-making; Decision support tools to enable the integration of systematic conservation into MSP; The inclusion in MSP of underwater noise analysis and its effects on marine fauna; Cumulative Effect Assessment in MSP; Development of tools to address sector/conservation (in)compatibilities

Key preliminary findings

How these projects/initiatives address the MSP & SBE topic?

- **MSP for the operationalization of Sustainable Blue Economy strategies:** MSP to foster sustainable innovation in blue sectors through the allocation of areas for experimental facilities with low environmental footprint; Identification of valuable practices implementing SBE objectives in MSP; Assessment of economic stakes, definition of strategic objectives, indicators and vocation maps; Recommendations for MPA managers, MSP authorities and businesses on how the environmental impacts of sectors can be prevented or minimized. Decision Support Tool to apply the recommendations; Design of policy plans that will be the infrastructure for the sustainable development of maritime sectors.
- **Multi-scale MSP for the operationalization of Sustainable Blue Economy objectives at the appropriate scale:** ICZM training for climate adaptation, sustainable development of coastal sectors (i.e. sustainable tourism and beach management); Design of tailor-made regional planning strategies through interviews and stakeholder consultations to consider the distinct characteristics of the respective social-ecological systems; Identification of actions needed at regional/local level to foster MSP implementation exploiting the development opportunities of regional strategic sectors. Guidance for Transboundary MSP. GIS for transboundary areas.

Key preliminary findings

Key findings – how these projects/ initiatives address the MSP & SBE topic? (Cont.)

- **MSP assessing trade-offs associated to the implementation of Sustainable Blue Economy Strategies:** Assessment of socio-economic costs and benefits of marine activities and ecosystem services in support of MSP; To provide a detailed understanding of the functions and interactions of the marine environment, assessing opportunities and measuring risks, while targeting Good Environmental Status (GES); Development of a tool to analyze socio-economic impact of adopting a plan in a given area; Assessment on how MSP plans integrate EGD ambitions, as for instance, SBE. Identification of associated gaps, challenges and trade-offs. Strategic Monitoring Framework for monitoring socioeconomic impacts of MSP.
- **MSP to allocate areas for sectors based on environmental and compatibility criteria:** MSP identifying areas for the development of specific sectors following ecological criteria and the minimization of conflicts with other uses. Description of current conditions and compatibility of maritime uses in the WestMED
- **Creating capacity and awareness for a better understanding and therefore better implementation of SBE:** Training of sector and/on foster its development and sustainability; Fostering the creation of CoPs for sectors that are normally not well organized and sometimes not properly heard in MSP processes. Open data platform to share information regarding SBE.

Key preliminary findings

Key findings – how these projects/ initiatives address the MSP & SBE topic? (Cont.)

- **MSP scenarios for the assessment of Sustainable Blue Economy strategies:** Design of MSP scenarios considering specific management objectives; Design of scenarios for improving / adapting MSP for SBE; Development of MSP scenarios: trend scenario, conservationist scenario and integrated scenario. Each scenario is based on a vision, sector's status and drivers.
- **Climate-smart MSP for the operationalization of sustainable climate-proof Blue Economy strategies:** Analyse how uses can be affected by CC and how these considerations can be integrated in MSP; Tool that provides guidance on how MSP should consider climate change adaptation and mitigation in coastal and maritime economic sectors.

First conclusions & *Next steps*

There is a lot done and a lot going on, let's make the best use of it!



- Cross-check with the topics and questions proposed, are they already being addressed? By which project?
- Which of the topics identified are still not being addressed ? What are the persisting challenges & gaps?



Development of recommendations and design of new opportunities for collaboration in our Mediterranean Sea.

Report on the 2 online workshops and the session in the WestMED Stakeholder Conference (June 2023)

Subtopic	Description	Key questions
Transboundary coherence between SRE	MSR and SRE share some challenges that need to be addressed at different scales, from the local to the transnational basin scale. Some of these challenges have a clear pan-Mediterranean nature (e.g. management of shipping). Cross-border cooperation on MSR can support alignment of national SRE strategies. On the other way around, economic international agreements or organization actions should be considered when dealing with cross-border aspects of MSR (including the expected impacts of sectors development on the marine environment).	<p>How to articulate spatial scales in MSP (from the sea basin to the local scale)?</p> <p>How to coordinate SRE at the transboundary scale? and what is the role of MSR on this?</p> <p>How to take advantage of international co-creating and sectoral initiatives (UMM, seawater, clusters, etc.)?</p> <p>How to encourage national authorities to better engage with regional and sub-regional institutions and cooperation frameworks?</p> <p>How to better link initiatives between the two shores of the Mediterranean?</p> <p>Which governance framework is relevant to EU and non-EU countries to work on MSP, also in a SRE perspective?</p> <p>How to share (environment and socio-economic) knowledge between the countries of the Mediterranean Sea? What's the role of MSR and MSR-data platforms?</p>
Land-Sea Interactions	Land sea interactions inclusion in maritime spatial plan is an MSR pillar. It implies considering the interactions between land-based and sea-based uses, as well as the effects of planning the sea on the land and the other way around. SRE or sector-based strategies often consider LSI components of the value chain. MSR could build on it to strengthen LSI consideration.	<p>How can MSP implement or foster the implementation of LSI?</p> <p>How to address coastal activities (often acting at the local scale) through MSP?</p> <p>How to align urban planning with needs from the maritime sectors (need for facilities located on coastal areas such as ports, marinas, other infrastructures, etc.)?</p>
Climate change consideration when planning for SRE	Climate change will bring dramatic changes for maritime uses (ocean resource shift, increasing risks for coastal facilities and marine infrastructure, demand for new space, etc.). MSR should anticipate these changes and support SRE strategies in anticipating and mitigating climate change effects, especially when allocating space to the different maritime uses. MSR shall also clearly define the way the management of maritime sectors can facilitate their green transition, toward carbon neutrality goals (climate-smart MSR).	<p>Do maritime spatial plans recognize and address climate change and their effects on the SRE sectors?</p> <p>How can MSP support SRE in anticipating climate change effects?</p> <p>How can MSP support SRE in climate change adaptation?</p> <p>Can MSR provide tools or measures to progress toward Carbon neutrality of maritime sectors?</p>
Performance assessment and monitoring of Maritime Spatial Plans	Economic performance is a part of the assessment and evaluation of MSP implementation, although this is often one of the major gaps of MSR processes. Monitoring programs and related indicators should be as much as possible integrated between MSR and SRE.	<p>Can MSP implementation and monitoring include collection of socio-economic data?</p> <p>How to quantify and monitor plans' economic benefits?</p> <p>Do effective indicators exist to assess plans' economic performance?</p>



Thank you!

CRISTINA CERVERA-NÚÑEZ, on behalf of the Coordination Team