

**Interreg**   
*Mediterranean*

 **MPA Engage**

 @MPAEngage

# MPA ENGAGE

**Engaging Mediterranean key actors in Ecosystem Approach to  
manage Marine Protected Areas to face Climate Change  
Impacts**

Programme co-financed by the European  
Regional Development Fund

# MPA ENGAGE KEY FACTS & FIGURES



DURATION

32

Months

11/2019 - 06/2022



PARTNERS

15

Partners

FROM 7 COUNTRIES:

Spain, France, Italy, Croatia,  
Albania, Greece, Malta

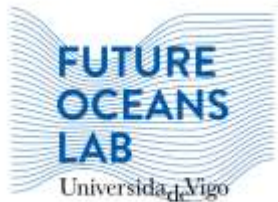


BUDGET

~ 3 M€

# OUR PARTNERS

## Research institutions



## National administration



## NGOs



## Regional administrations



REGIONE LIGURIA



## Marine Protected Areas



portofino





**30 ASSOCIATED PARTNERS**  
from both sides of the Mediterranean basin



## MPA4Change

MPAs will bring in their experiences and know-how and will have the opportunity to implement totally or partially the project methodologies



## Science4Change

Scientists will review the protocols and methodologies developed by the project, as well as contribute to their implementation



## Med4Change

Policy actors will ensure the coherence and policy relevance of the project outputs, while also contribute to their mainstreaming into related policy processes

# AIM & LINES OF ACTION



**MPA-ENGAGE aims to support MPA managers to adapt to and mitigate the ongoing climate change effects in the Mediterranean Sea**



## MAIN LINES OF ACTION

Harmonized monitoring



Participatory approaches



**Developing adaptation action plans to Climate Change in seven MPAs**

Vulnerability assessments



Citizen Science





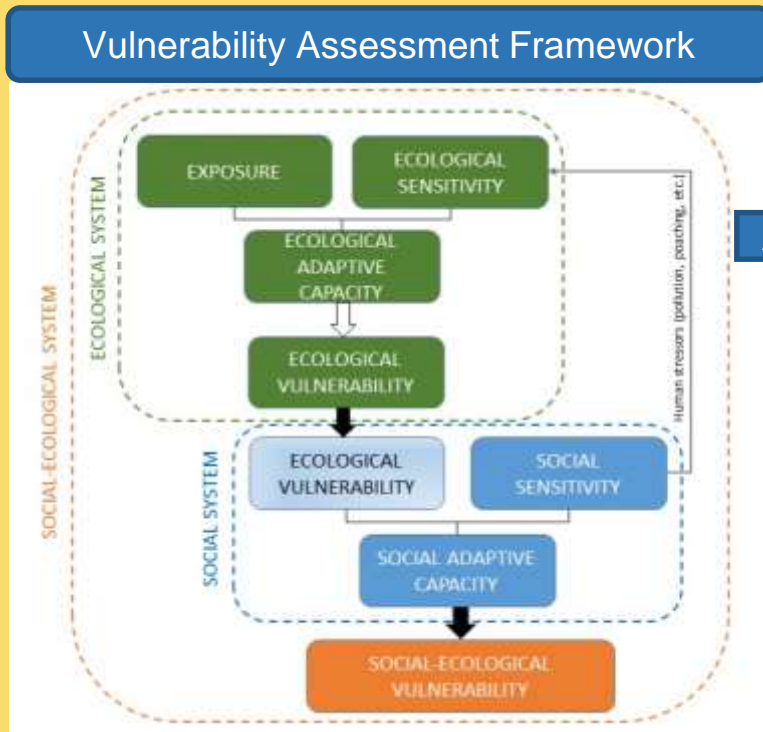
# VULNERABILITY ASSESSMENT

## GOAL

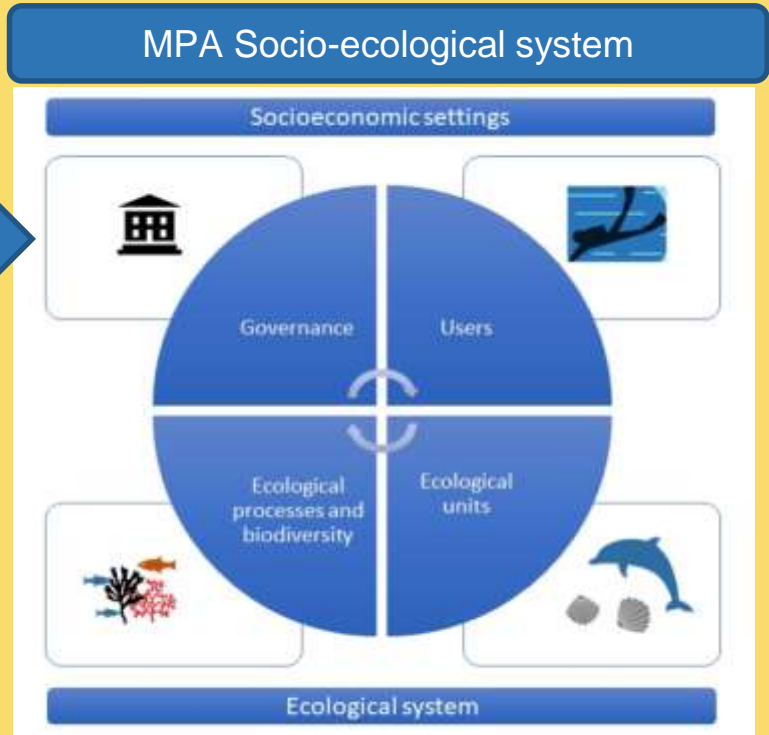
Guide MPAs to perform a **Socio-ecological Vulnerability Assessment** to evaluate the vulnerability of species, habitats and local stakeholders to the projected impacts of climate change.

## APPROACH

**Vulnerability** is measured using an indicator-based approach, which are combined in 3 dimensions: exposure, sensitivity and adaptive capacity.



The assessment focuses on **MPA as socio-ecological systems**, where the interaction between the ecological and the social domains is represented by 4 interdependent systems.

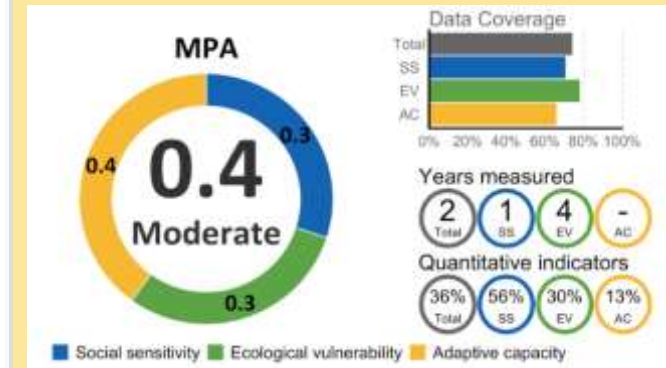


Vulnerability assessments



## MAIN ACHIEVEMENTS

Implementation of a beta-version of an **interactive tool** to calculate and illustrate the Vulnerability Indices of Marine Protected Areas (MPAs) in the Mediterranean Sea



[Tool webpage](#)



# THE MPA ENGAGE HARMONIZED MONITORING APPROACHES

Harmonized  
monitoring



Applying **harmonized monitoring tools** to detect the impacts of climate change in Mediterranean MPAs



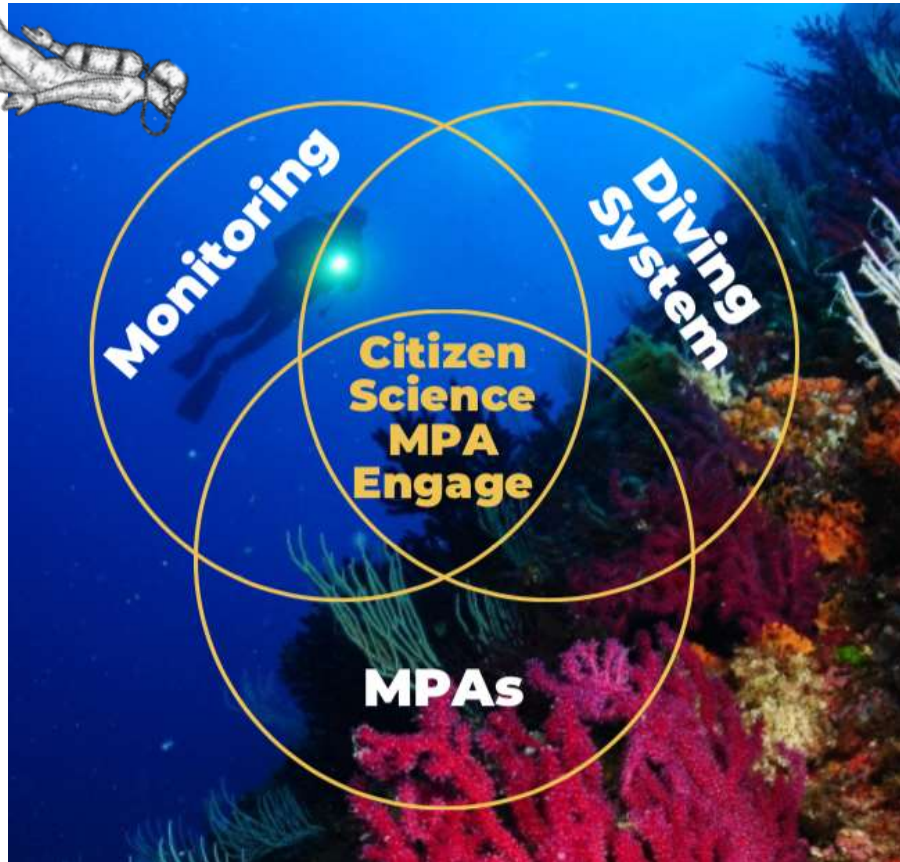
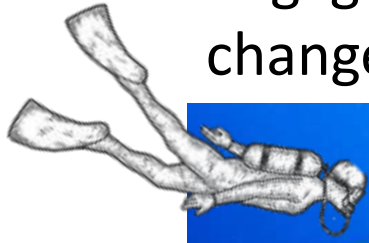
**Main achievements:**  
development and  
implementation of **11**  
**monitoring protocols**



# CITIZEN SCIENCE

## GOAL

Engage citizens in climate change monitoring



## ACHIEVEMENTS to-date

6 PARTNER MPAs  
15 DIVING CENTERS  
ENGAGED  
3 PROTOCOLS  
IMPLEMENTED (FVC/MASS  
MORTALITY/FAP)

2 ASSOCIATED PARTNER  
MPAs  
5 DIVING CENTERS  
ENGAGED  
3 PROTOCOLS  
IMPLEMENTED (FVC/MASS  
MORTALITY/FAP)

1 EXTERNAL MPA  
20 DIVING CENTERS  
ENGAGED  
3 PROTOCOLS  
IMPLEMENTED (FVC/MASS  
MORTALITY/FAP)



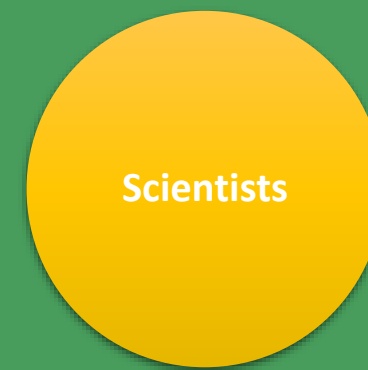
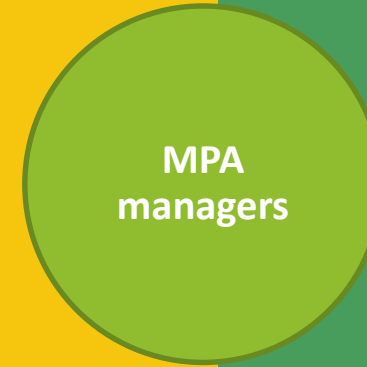
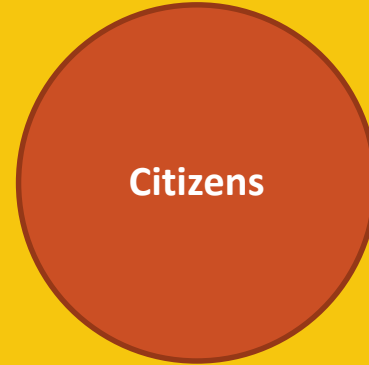
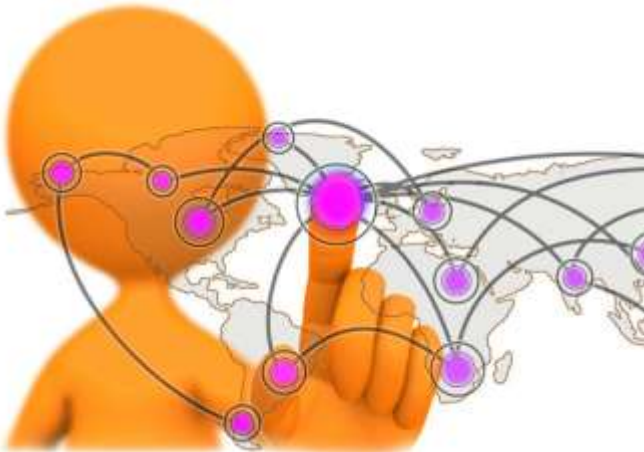
Citizen  
Science





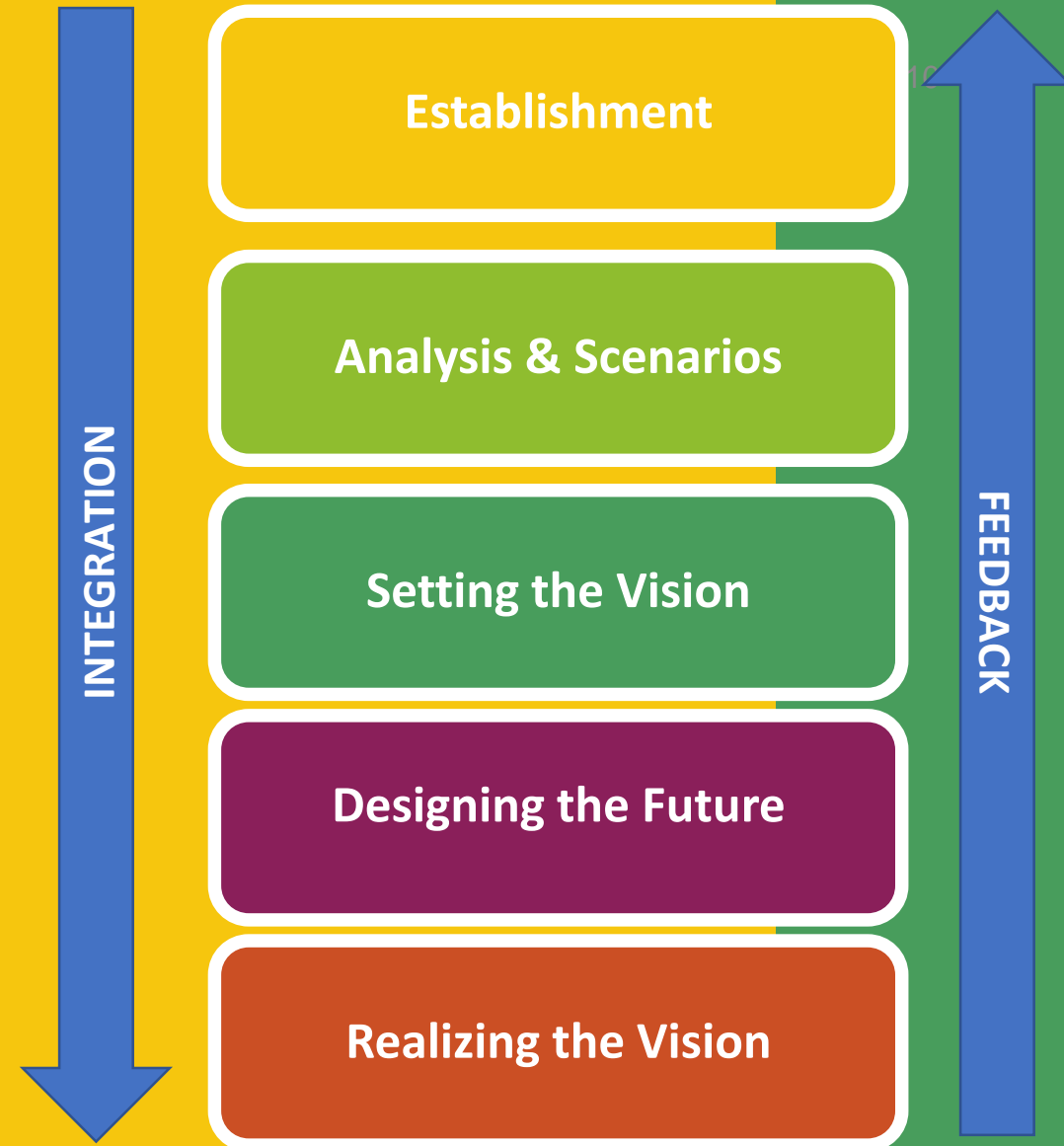
# PARTICIPATORY APPROACHES FOR EFFECTIVE CLIMATE CHANGE DECISION- MAKING

## THE QUINTUPLE HELIX APPROACH





# THE MPA ENGAGE FIVE-PHASE PLANNING PROCESS



Scoullou, M. (ed), 2015. *An Integrative Methodological Framework (IMF) for coastal, river basin and aquifer management*. UNEP/MAP-PAP/RAC, GWP-Med and UNESCO-IHP. MedPartnership.



*Act local, Think Mediterranean*

**MPA Engage project**



2021 TOUR **CLIMATE CHANGE DAYS** interreg Mediterranean MPA Engage Project co-financed by the European Regional Development Fund DAN PADI

**DIVING SCIENCE & FUN!**

12-13 GIUGNO | **PORTOFINO** portofino

NATURAL VALUES ACTION

Interreg Mediterranean MPA Engage

Instagram photo contest

**4 Pictures 4 Mediterranean**

International prizes sponsored by Paralenz

IMPACT OLD MEDITERRANEAN



## RESULTS & ACTIONS IN FULL-SWING

- ❖ Capacity building on climate change monitoring, vulnerability assessments, participatory planning processes
- ❖ Implementing harmonized approaches towards the development of climate change adaptation and mitigation plans
- ❖ Raising awareness via exhibitions, festivals, videos, factsheets, contests
- ❖ Building synergies with relevant initiatives via events and workshops, interactions with other modular projects



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## ACT LOCAL, THINK MEDITERRANEAN



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