



Summary of the Platform meeting 2022 on the implementation of strict protection in european marine waters

Dublin – 13 october 2023

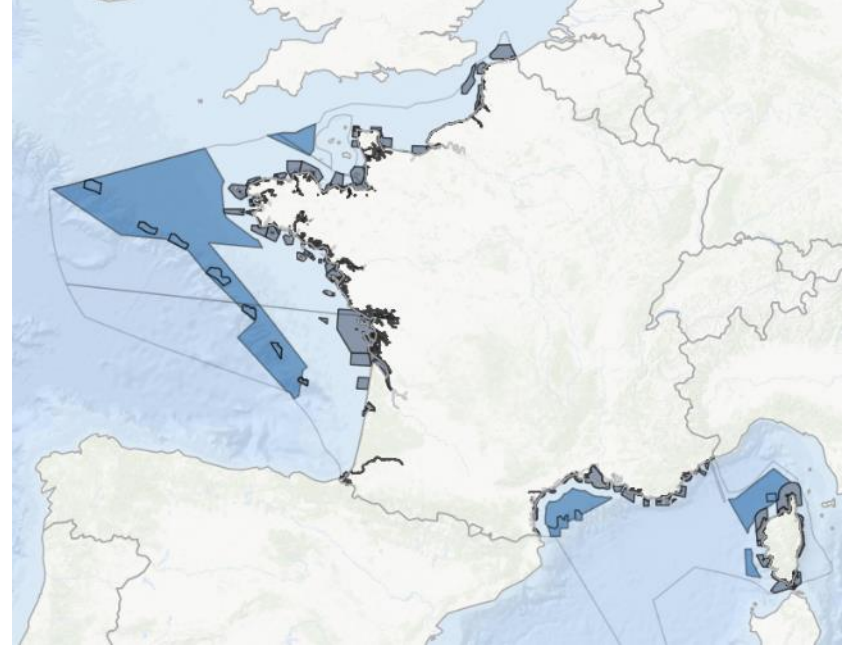


LIFE Integrated Project
UE LIFE 16 IPE FR001

LIFE IP MARHA

Parameters and aims

- 164 Natura2000 DHFF sites Sea and lagoons
- 9 Habitats of Community interest 22.3 M
- 14 public institutions
- 140 staff involved
- 8 year contract - 2018-2025
- 6 topics / 600 operations



Topics

- Assessment of the ecological status of benthic habitats
- Assessment and reduction of pressures
- Implementation of restoration measures
- Training and professionalization of all those involved
- Improving the acceptability of management measures by raising awareness
- And, reinforcing protection



LIFE PLATFORM MEETING 2022

Goals of this meeting



Bring together relevant LIFE projects with policy makers and stakeholders to:

- Exchange experience to enhance results of your projects
- Get updated information about the EU policy context
- Provide insights to policy makers

... about (strictly) protected marine areas



LIFE PLATFORM MEETING 2022

Context and objectives

2004 – CBD COP 7: Marine WG : MPA

2019 - The European Green Deal

2020 - EU Biodiversity Strategy for 2030 – Bringing nature back into our lives

2022 - Criteria and guidance for protected areas designations



The strategy therefore sets the objective of establishing a truly coherent Trans-European Nature Network, to legally protect at least 30% of the land, including inland waters, and 30% of the sea in the EU, of which at least one third (10% of land and 10% of sea) to be under strict protection.



How the member states can achieve 10% strictly protected marine areas in European Seas by 2030 ?



Platform meeting 2022: Examination of the issue from three points of view- ecological- sociological- economic

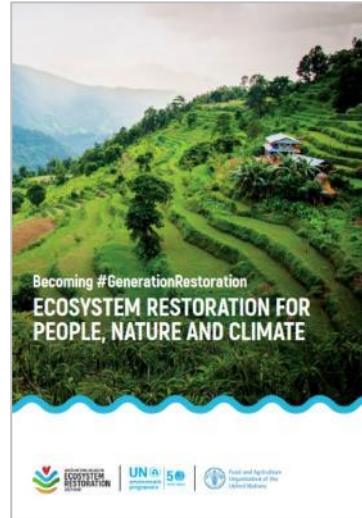
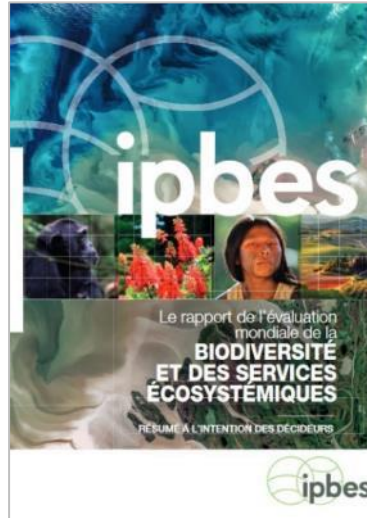
LIFE PLATFORM MEETING 2022

Fundamentals and prerequisites

1

Marine ecosystems are in a poor state of conservation – A large proportion of the world's population and economy depend on marine ecosystem services.

66 % of the marine environment would be « severely altered » to date by human activities



Ecosystems worldwide are under pressure



*FAO 2016a, *FAO 2016b, *FAO 2017, *UNEP 2017, *FAO and UNEP 2020, *FAO and UNEP 2020, *Lalmer and Orlin 2004, *Carran et al. 2010, *Neil et al. 2020, *Dubbay et al. 2020, *UNEP 2017, *Ramesh et al. 2020, *IPCC 2019, *IPCC 2020a, *IPCC 2020b, *IPCC 2019, *FAO 2016a, *Joshi et al. 2015, *Krupnik et al. 2021, *Bain et al. 2014, *FAO 2020a, *UN Habitat 2020, *UN Water 2021

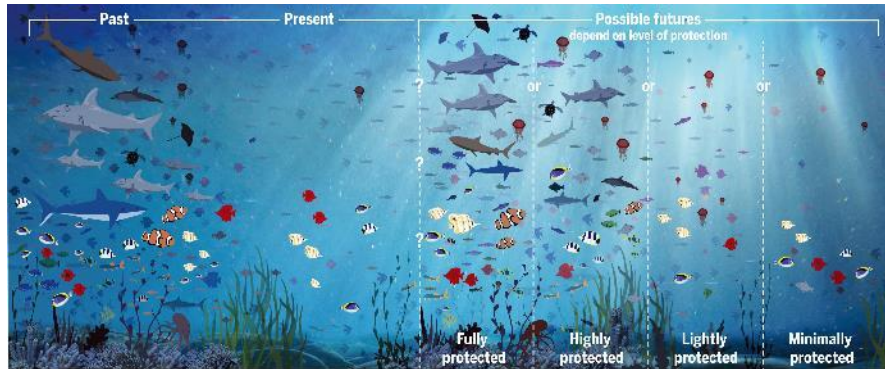
https://www.ipbes.net/sites/default/files/2020-02/ipbes_global_assessment_report_summary_for_policy_makers_fr.pdf

UNEP 2021 - Ecosystem restoration for people, nature and climate - Becoming #GenerationRestoration
<https://wedocs.unep.org/bitstream/handle/20.500.11822/36251/ERPNC.pdf>

LIFE PLATFORM MEETING 2022

Fundamentals and prerequisites

2 Only Highly/fully protected and actively managed areas can guarantee effective conservation of ecosystems and ecosystem services.



30 % AMP

- 20 % L protected

- 10 % H/F protection



The MPA Guide: A framework to achieve global goals for the ocean [The MPA Guide: A framework to achieve global goals for the ocean | Science](#)



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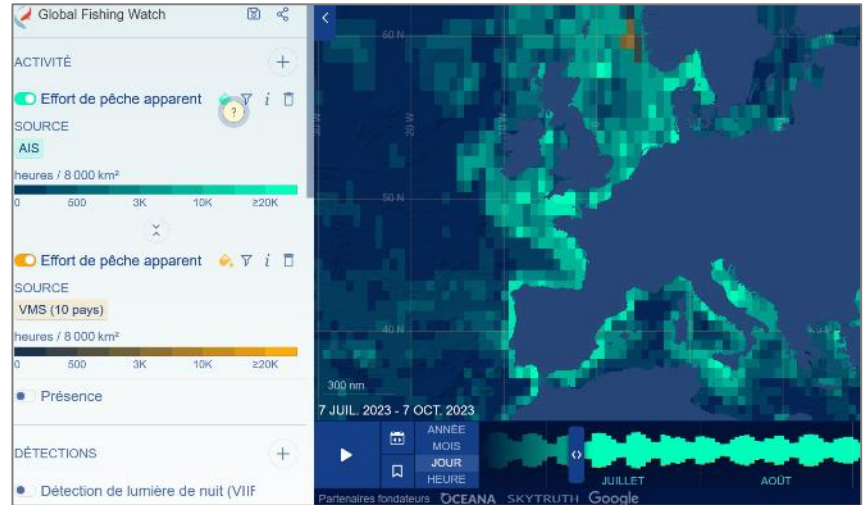
Fundamentals and prerequisites

3

We now have enough data to take action,
If we wait until we have all the information we need, we will have nothing left to protect



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© <https://globalfishingwatch.org/map>



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Fundamentals and prerequisites

4

It is essential to make a clear distinction between managing fish stocks and protecting the ecosystem.

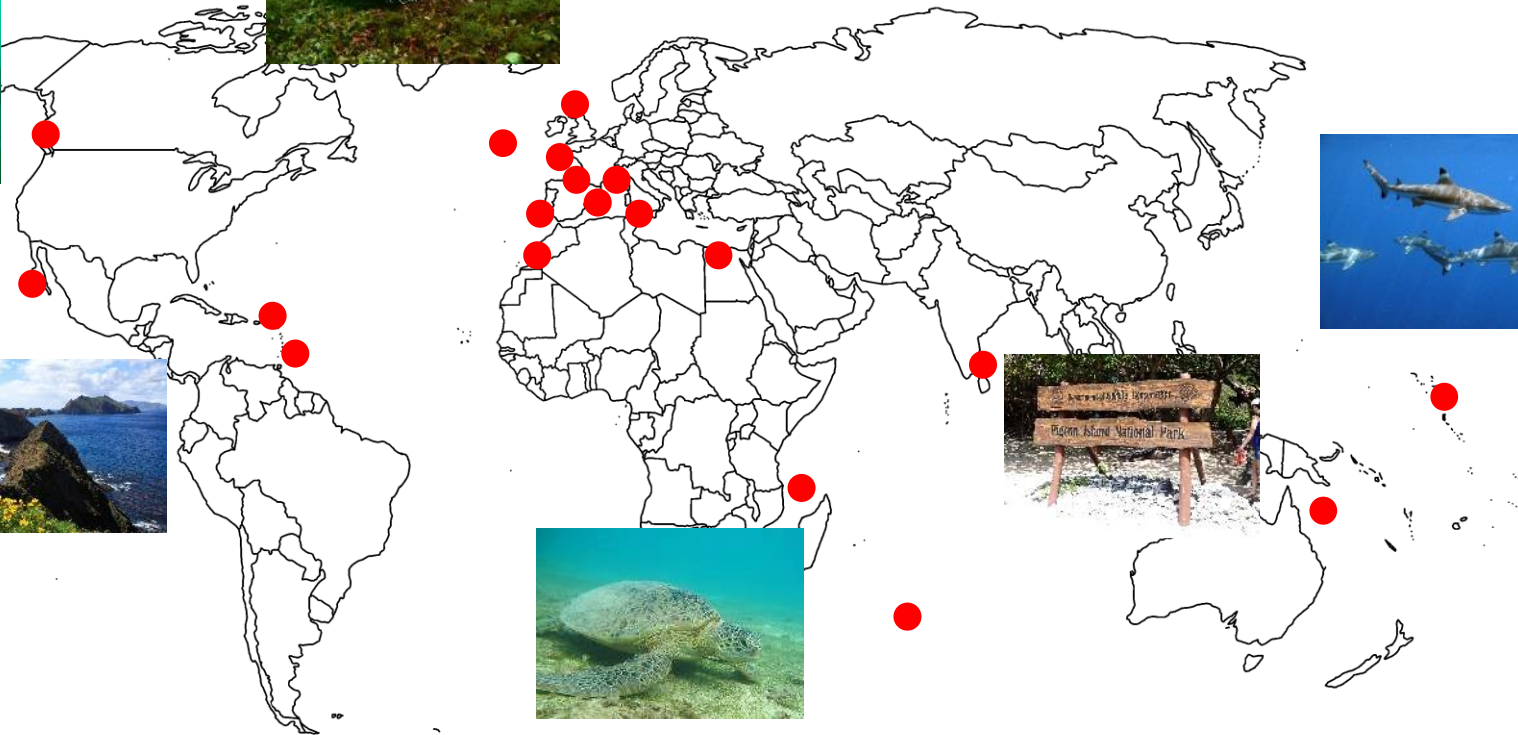
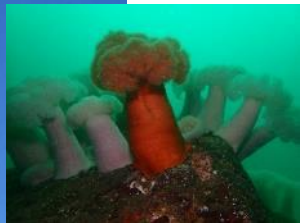


© Alain PIBOT – MPA of Arran island - Scotland



© DR - https://actu.fr/bretagne/erquy_22054/peche-a-la-coquille-un-gisement-record-pour-la-reprise-en-baie-de-st-brieuc-lundi-3-octobre_54174792.html

STUDY CASES



STUDY CASES

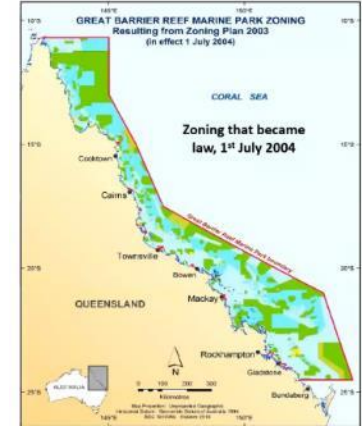
The Great Barrier Reef marine park



Legislative objectives: Provide for « ... long term protection and conservation of ... environment, biodiversity and heritage values of the GBR Region »



First zoning – 2 % NTZ



New zoning – 33 % NTZ

Roles of natural and human sciences
Public engagement -
Politics and policy

STUDY CASES

The Channel Islands National Marine Sanctuary



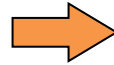
1980: Established post the SB oil spill

- 1252.5 square nautical miles
- Charged with protecting the whole ecosystem and encouraging sustainable use

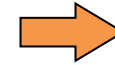
1998: A Need For More Protection

- Increase marine resource use
- Commercial and recreational fishing pressure
- Changes in oceanographic conditions,
- Additional stressors: disease, pollutants, invasive sp

Community-Based Phase
1998-2001



State Phase
2001 to 2003



Federal Phase
2003-2007



Ecological Monitoring

Education and Outreach

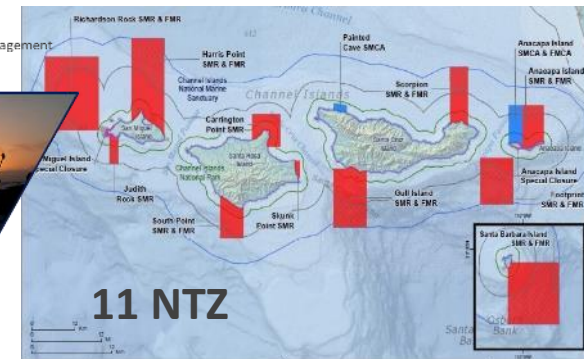
Community Engagement



Administration

Socioeconomic
Monitoring

Cooperative Enforcement



STUDY CASES

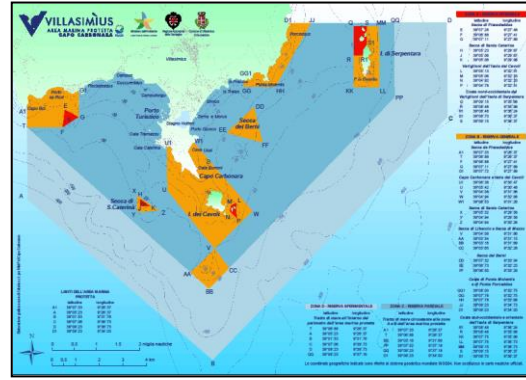
The Capo Carbonara MPA experience



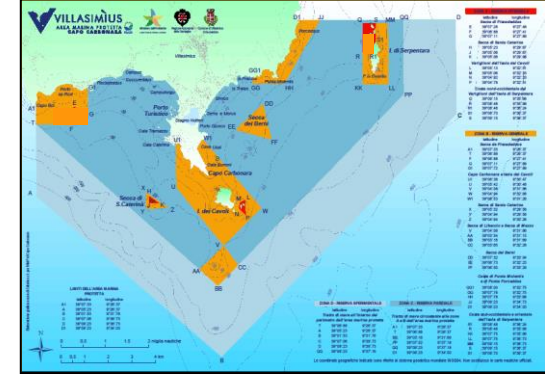
Past



Present



Future



4 Zones A (integral reserve):

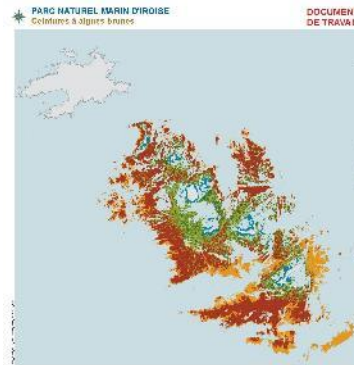
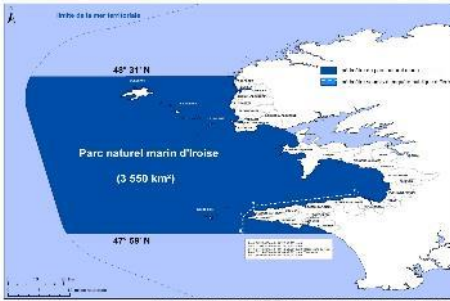
- Zone B (general reserve)
- Zone C (partial reserve)
- Zone D (new 'buffer' zone)

Towards strictly protected area/zones

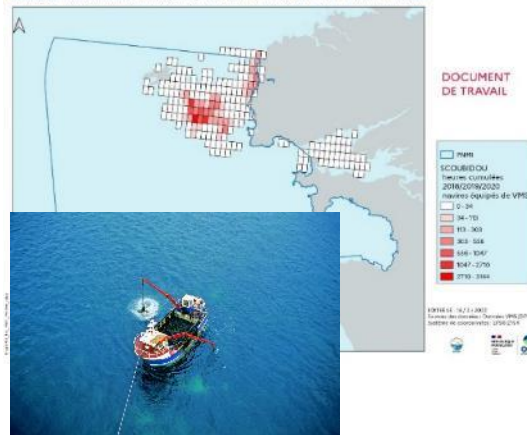
Based on the seabed mapping, on environmental and anthropogenic data
is the current zoning correct?

STUDY CASES

The Iroise natural marine park



Heures de travail cumulées 2018/2019/2020 dans le PARC NATUREL MARIN d'IROISE



High level of

- Concertation
- knowledges,
- assessment of biodiversity and using,
- control

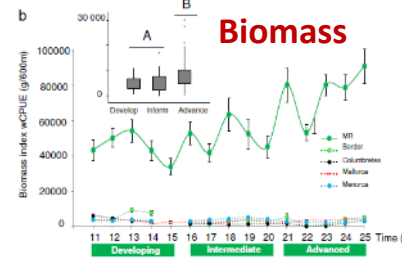
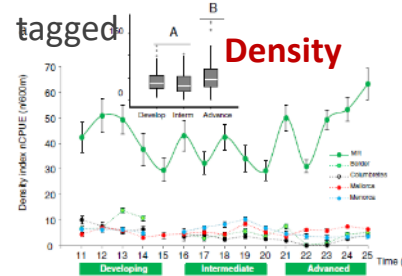
STUDY CASES

Columbretes Islands Marine Reserves



Mark-Recapture Program (1997-2019)

34.000 individuals tagged



Size of marine reserves matters but...

Good results depends on:

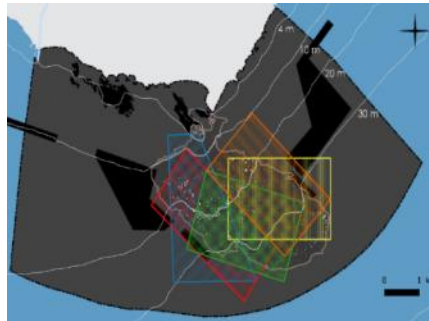
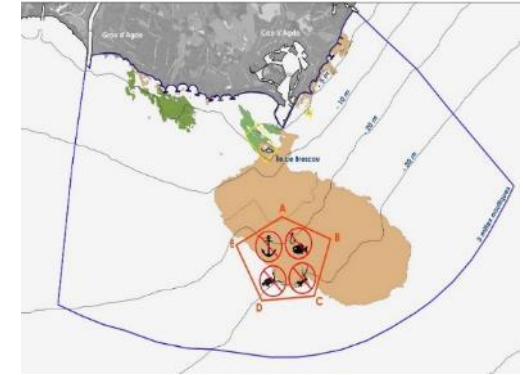
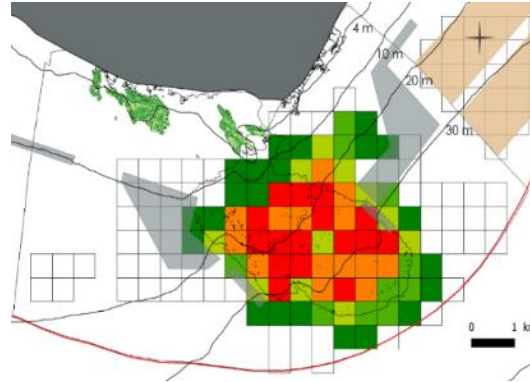
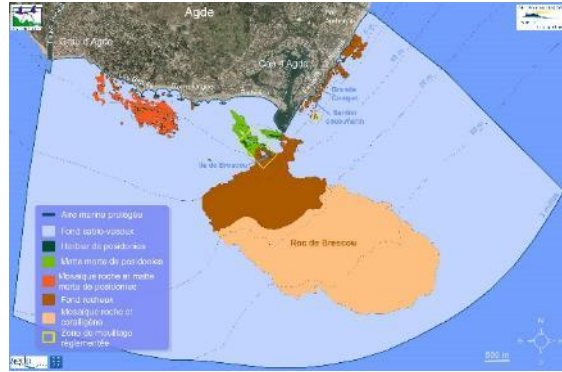
- Uses and restrictions of high impacting activities
- Control enforcement
- Fishing seasonal dynamics
- Habitat diversity
- Habitat continuity

And ... the support of fishermen who are convinced of the importance of protection for their economy.



STUDY CASES

Agde Natura2000 Site



Final scenario approved by MPA steering committee:

45 % coralligenous habitat of the MPA strictly protected

Strictly protected zone - no take area without diving, anchoring, dredging

High level of Survey and control

STUDY CASES

Pigeon Island National Park – Sri Lanka





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<https://www.arrancoast.com/>

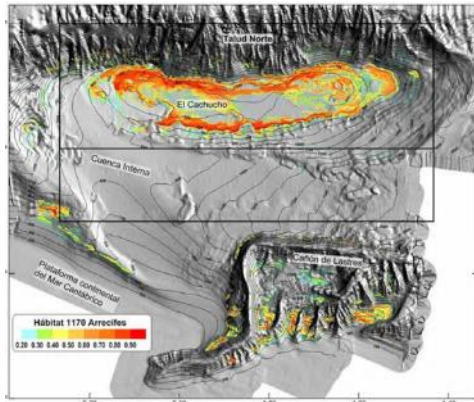


STUDY CASES

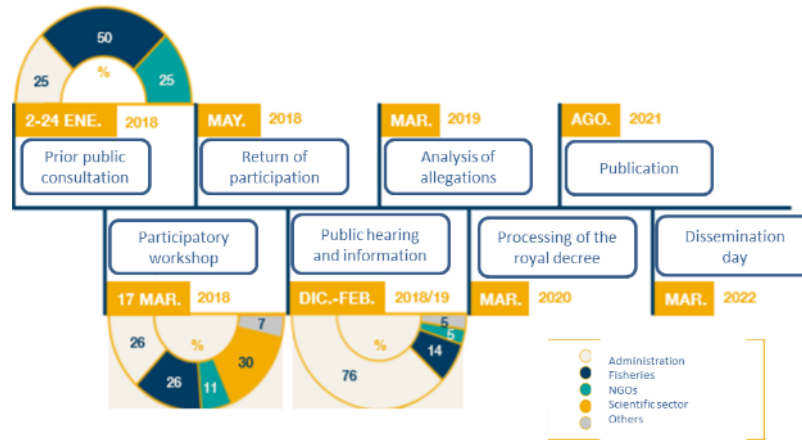
Approach to strict protection through zoning and participation – The LIFE IP INTEMARES



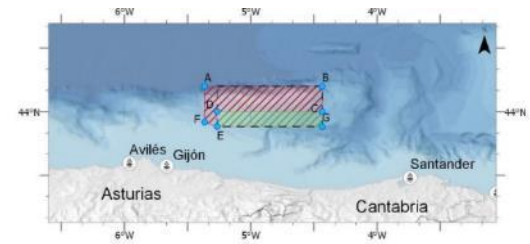
2018: New scientific information



2018 - 2021: Development of a participatory process



2021: New area and zoning

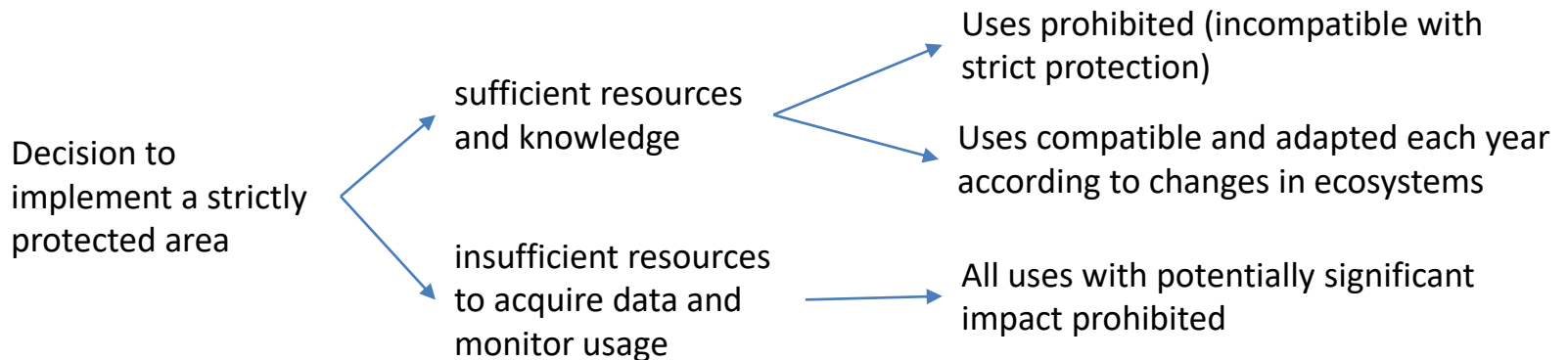


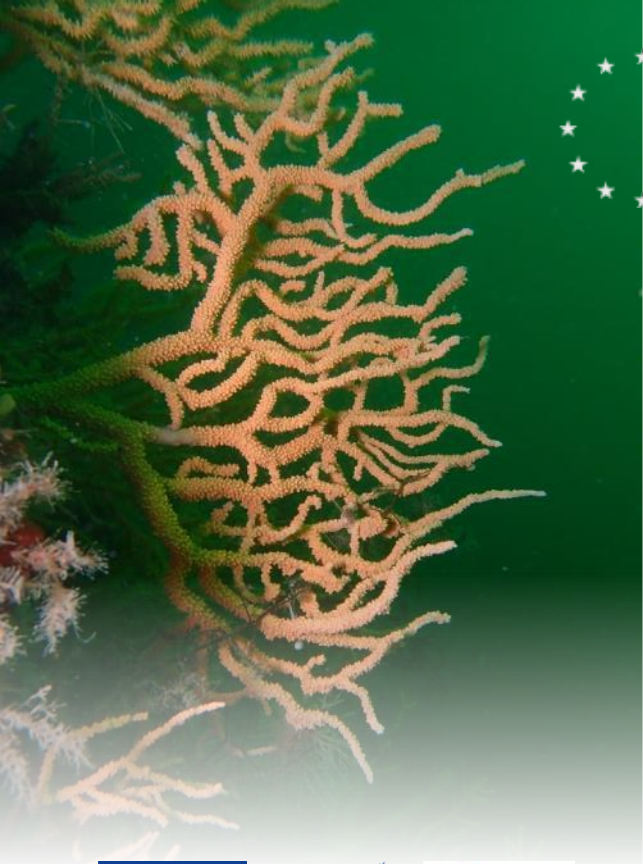


CONCLUSION

Success factors

- Clear and transparent process and objectives to establish a climate of dialogue and trust
- Participatory and **more inclusive** governance, with technical support
- Sufficient scientific and technical knowledges, continuous monitoring
- Communication and training
- Shared interests and constraints (direct or indirect)
- Politics cooperation and support at local, national and international level
- Sufficient control and surveillance
- What about EEZ tools ? The case of the Dogger banks





marha
marine habitats

Thank you for your attention

<https://www.life-marha.fr/>
<https://www.linkedin.com/groups/13618978/>



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