

ADRIPLAN: a Pilot Project on MSP implementation in the
Adriatic Ionian Region

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Venice, 3 December 2015



ADRIPLAN Landscape

BLUE GROWTH

Ecosystem Based Management

*(Marine Strategy Dir., Water
Framework Dir., Habitat & Birds Dir.,
etc.)*

Horizon 2020

Maritime
Spatial
Planning
Directive

ICZM Protocol
Barcelona
Convention

- **EU Cohesion and Neighbourhood Policy (ENP)**
- **Macro-regional Strategies in the Mediterranean (i.e. EUSAIR)**
- **Integrated Maritime Policy**

ADRIPLAN PROJECT

ADRIPLAN has the objective to promote transboundary Maritime Spatial Planning in the Adriatic – Ionian Region. (December 2013 to July 2015)

Budget: 1.250.000 €, 80% funded by the EC – DG MARE

The ADRIPLAN project develops **proposals and recommendations for an operational cross-border MSP process** which:

- allows the **development of different maritime activities**, preventing conflicts for space allocations, while ensuring a good status of the marine ecosystems
- provides **greater confidence for investment in infrastructures and in other economic activities**, responding to the peculiarities of each area
- **fully involves relevant regional and governmental bodies and other relevant stakeholders**, also promoting an effective cross-border cooperation
- enhances **coherence between terrestrial and Maritime Spatial Planning**, also in relation with good ICZM practices

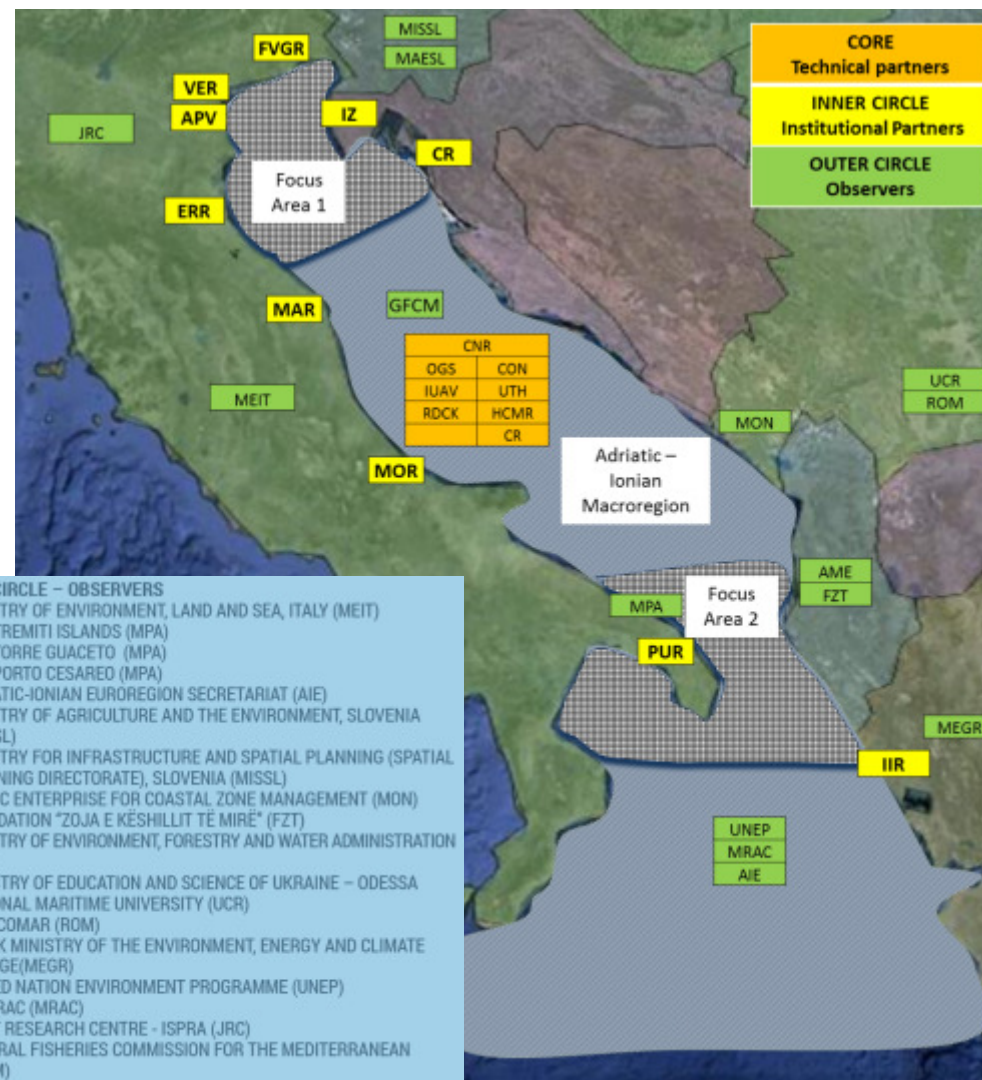


ADRIPLAN Partners

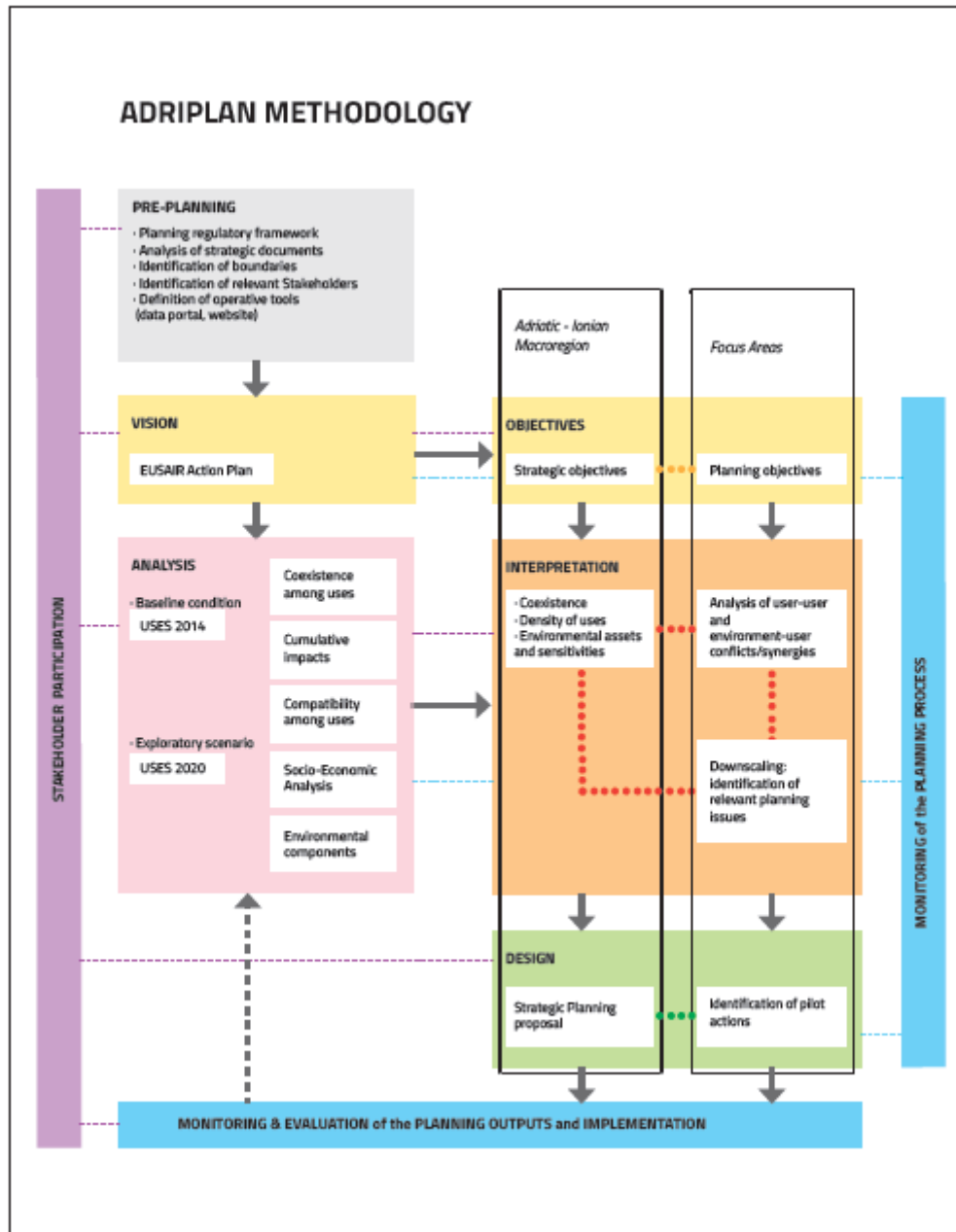
CNR-ISMAR, Venice

OGS, Trieste
IUAV, Venice
City of Rijeka
Regional Development Centre Koper
Conisma, Lecce
University of Thessaly
HCMR, Athens

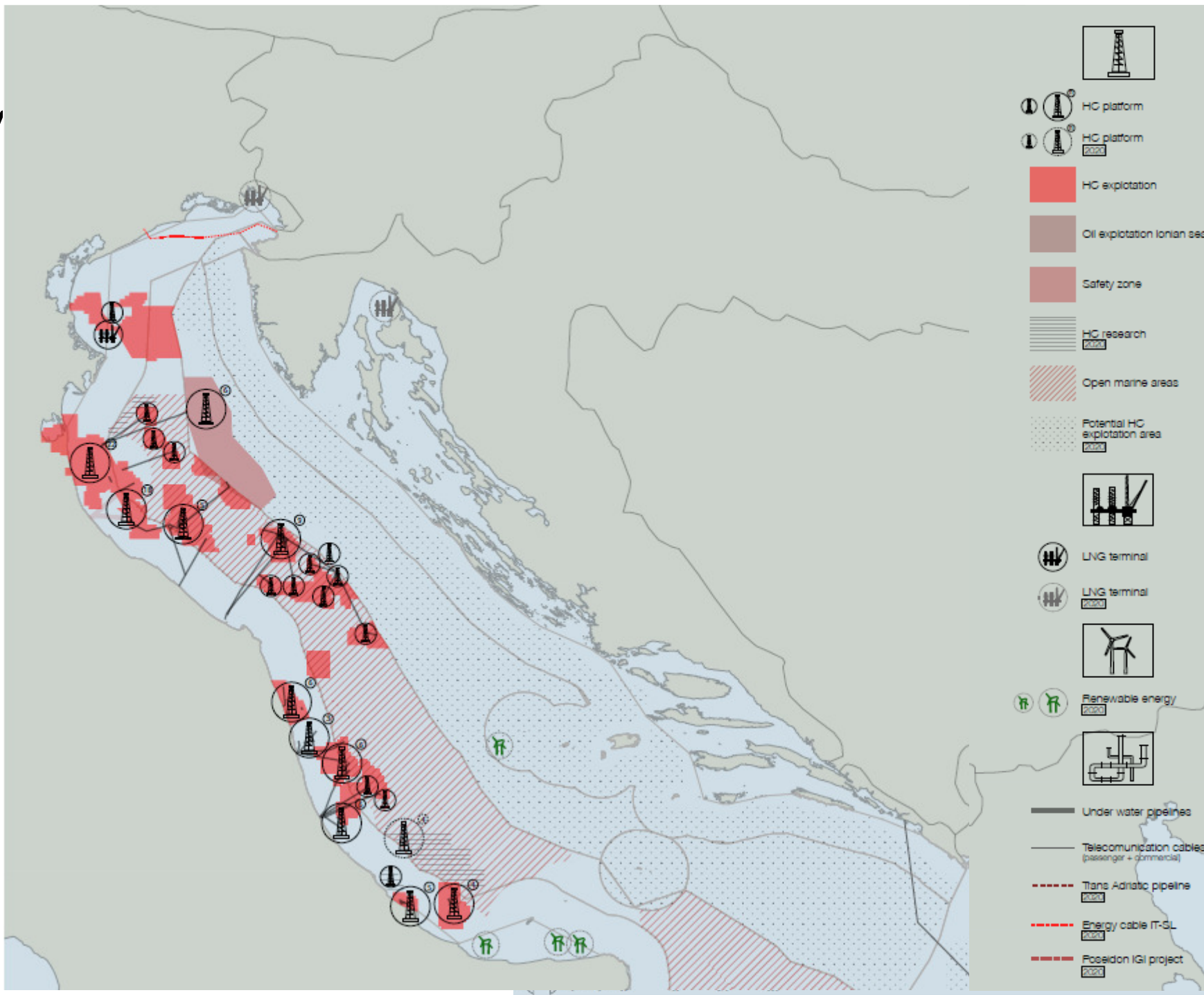
Emilia-Romagna Region
Veneto Region
Friuli Venezia Giulia Region
Marche Region
Molise Region
Puglia Region
Istria Region
Ionian Islands Region
Venice Port Authority



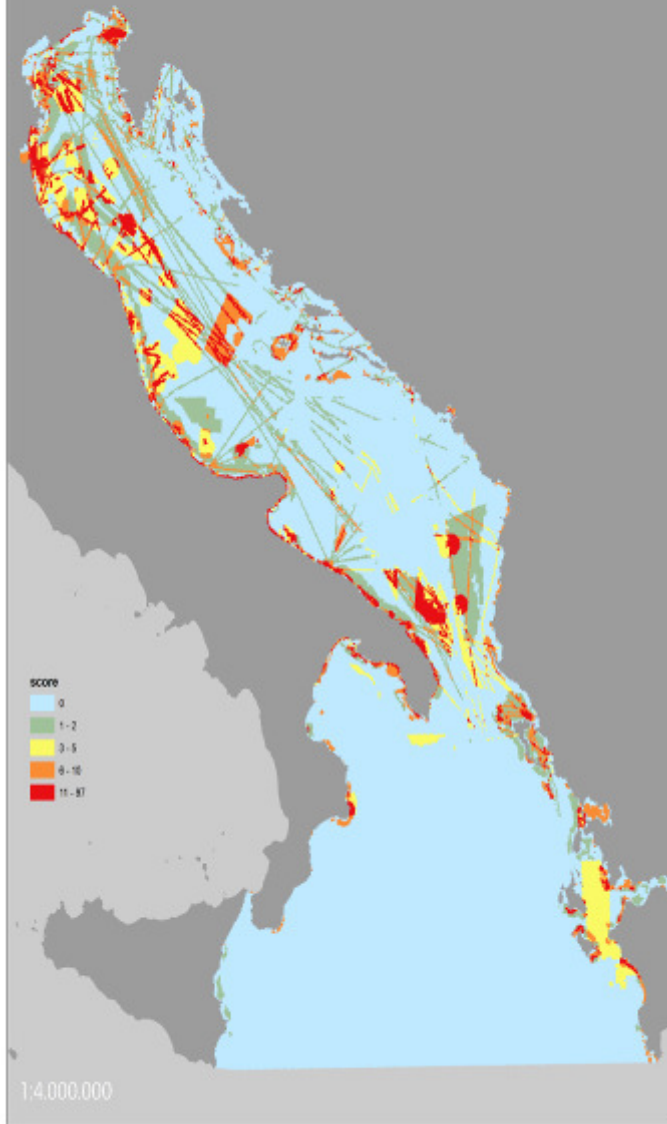
PROCESS OF PLANNING ELABORATION



M



Conflict Score - Coexist Methodology



Analysis of Space Coexistence between Uses

- Differences are visible between coastal and marine areas (especially high waters);
- Transboundary areas with potential conflicts in terms of space → NA, Puglia Region- Albania- Greece
- Results obtained are strictly dependent to data collected
- Trawling is the use that in percentage contributes more to the final score

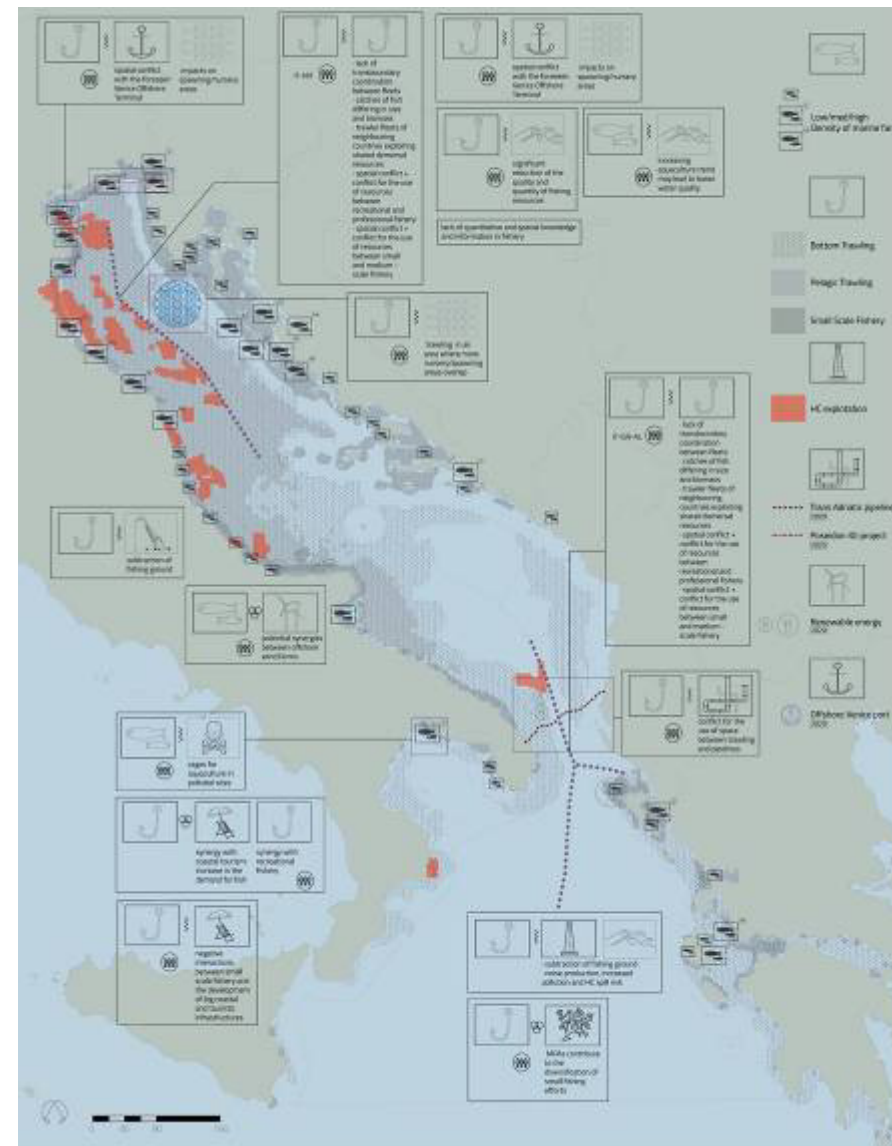
	Maritime Transport	Protected Areas	Naval base activities	Coastal Defence Work	Oil & Gas extraction	Oil & Gas exploitation	LNGs	Coastal and Maritime Cables and Pipelines	Aquaculture	Trawling	Small scale fishery	Offshore sand deposits	Dumping areas for dredging
Maritime Transport	0	4	4	4	4	4	4	4	4	4	4	4	0
Protected Areas	0	0	0	0	0	0	0	0	4	0	0	0	0
Naval base activities	4	0	4	4	4	4	4	4	4	4	4	4	4
Coastal Defence Work	4	0	4	4	2	4	4	4	4	2	2	4	4
Oil & Gas extraction	4	0	4	4	4	4	4	4	4	4	4	4	4
Oil & Gas exploitation	4	0	4	2	4	4	4	2	4	2	2	2	2
LNGs	4	0	4	4	4	4	4	4	4	4	4	4	4
Coastal and Maritime Tourism	4	0	4	4	4	4	4	4	4	4	4	4	0
Cables and Pipelines	4	0	4	4	4	2	4	4	4	4	4	4	4
Aquaculture	4	4	4	4	4	4	4	4	4	4	4	4	4
Trawling	4	0	4	2	4	2	4	4	4	4	2	2	2
Small scale fishery	4	0	4	2	4	2	4	4	4	4	2	2	2
Offshore sand deposits	4	0	4	4	4	2	4	4	4	4	2	2	0
Dumping areas for dredging	0	0	4	4	4	2	4	0	4	4	2	2	0

Fishery & Aquaculture – From analysis to interpretation

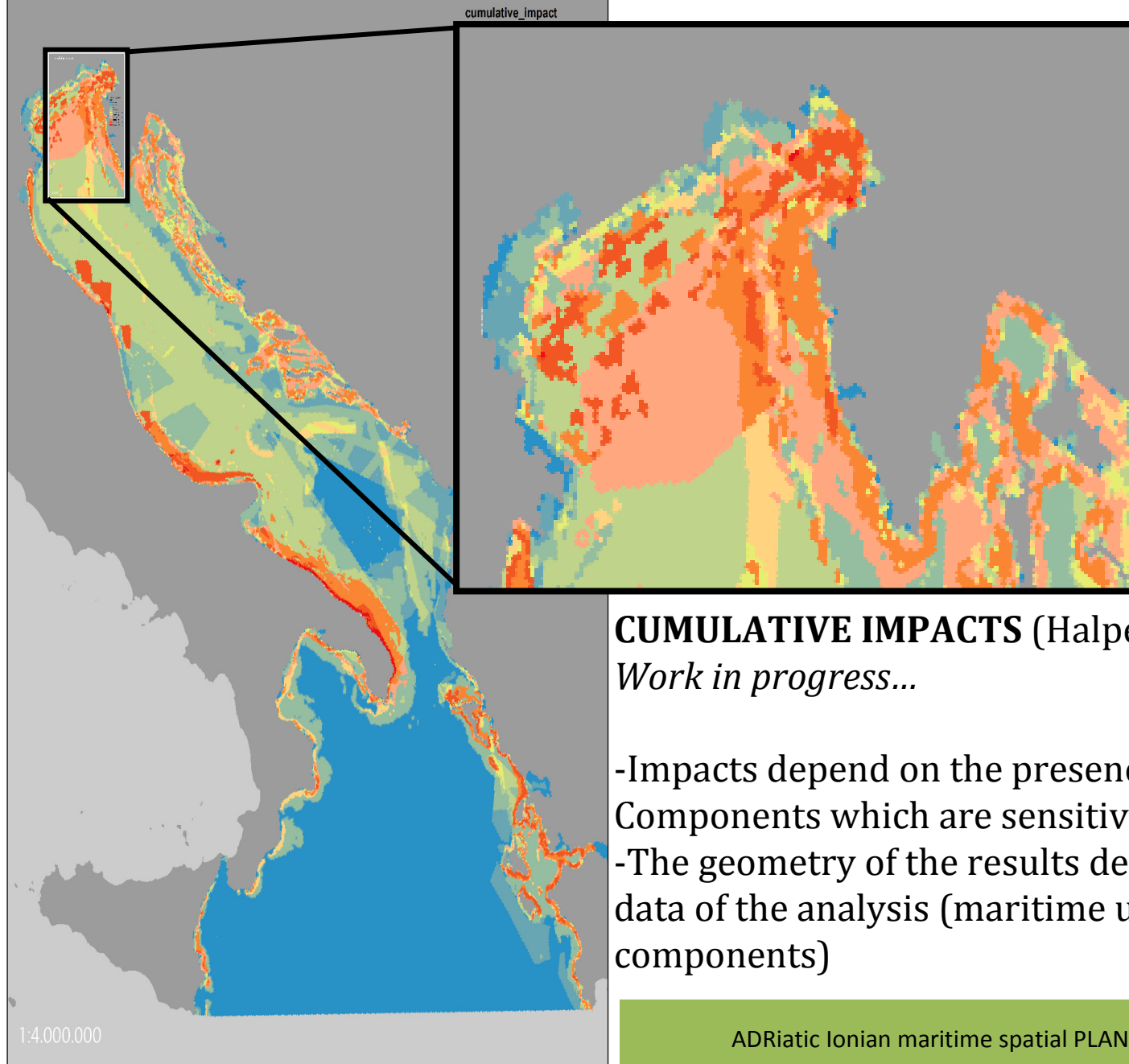


ANALYSIS

INTERPRETATION



Cumulative Impact



CUMULATIVE IMPACTS (Halpern et al., 2007)

Work in progress...

- Impacts depend on the presence of Environmental Components which are sensitive to Maritime Uses
- The geometry of the results depends on the input data of the analysis (maritime uses, environmental components)

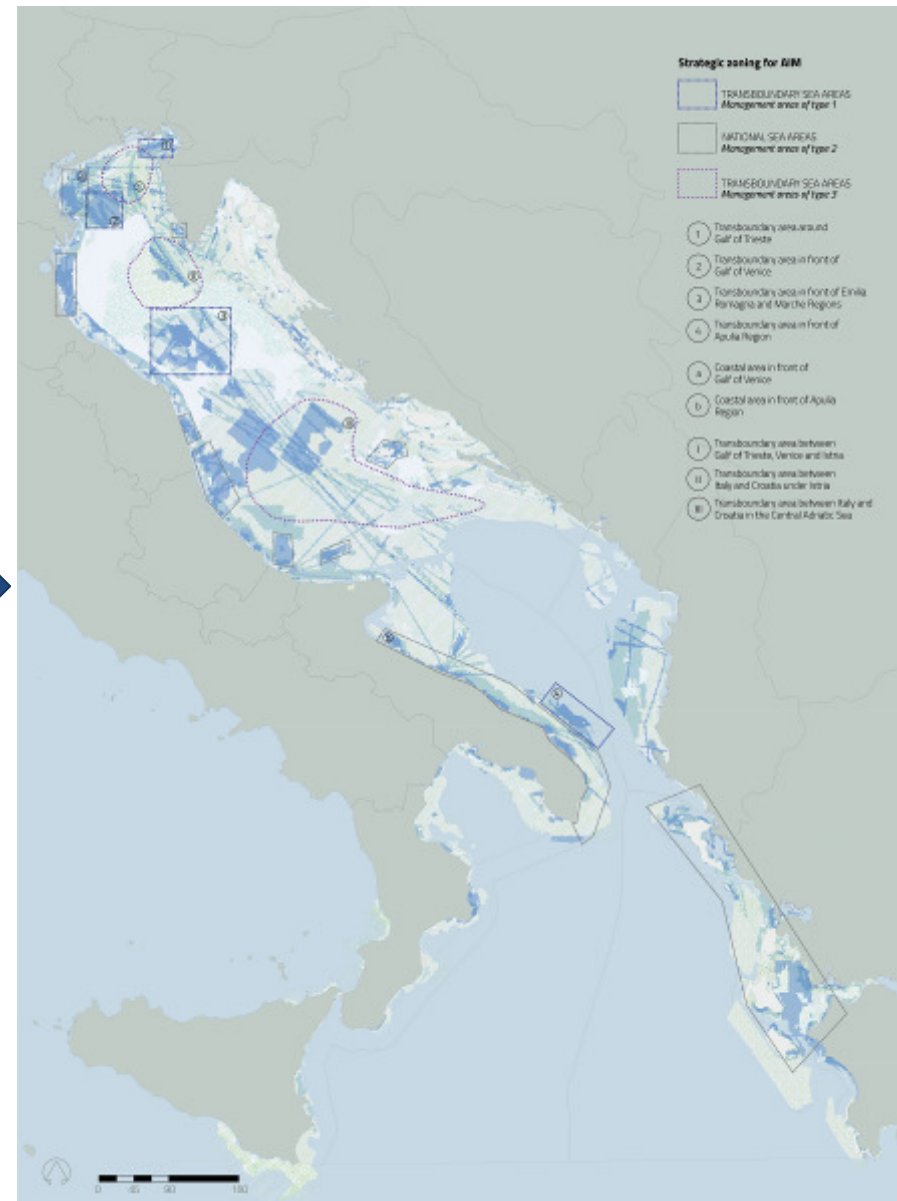
PLANNING

In ADRIPLAN, the planning proposal has been divided in two parts:

1 - a Strategic Plan for the Adriatic-Ionian Macroregion

- *Transboundary sea areas with multiple maritime uses in sensitive marine environments*
- *National sea areas with multiple maritime uses in sensitive marine environments*
- *Transboundary sea areas with great importance for the delivery of ecosystem services*

2 - a Portfolio of Actions for the Focus Areas



Stakeholders involvement

Stakeholders contribution

- Data & information
- Identification of conflicts and synergies
- MSP objectives and needs
- Visioning
- Identification of pivotal themes for the Focus Areas
- Inputs for Planning Options aimed at optimizing the rational use of coastal and marine spaces

Typology

Large Enterprise, Small Medium Enterprise, Public Administration, Economic Interest Association, Civil Society Organizations, Research/Universities, Military, Marine Protected Areas, Projects

Geographical relevance

International, national, regional and local

ADRIPLAN scope

the Northern Adriatic (focus area 1)
the Southern Adriatic and Northern Ionian (focus area 2)
the whole Macro-region

The way forward

DIRECTIVE
2014/89/CE

Minimum requirements:

- *Competent authority*
- *MSP Plans within 2021*
- *Take into account land-sea interaction (coordination between MSP and ICM)*
- *Trans-boundary cooperation between MS*
- *Public participation, cooperation between national authorities and stakeholders*

IMPLEMENTATION SUPPORT STRATEGY
(DG MARE, 2015)

Elements of the ISS:

- *Transposition Plan*
- *Member States Expert Group on MSP*
- *High Level Focal Point on IMP*
- *Assistance mechanism (call for tender)*
- *Studies*
- *Cross-sectoral cooperation*
- *Cross-border cooperation Data management*

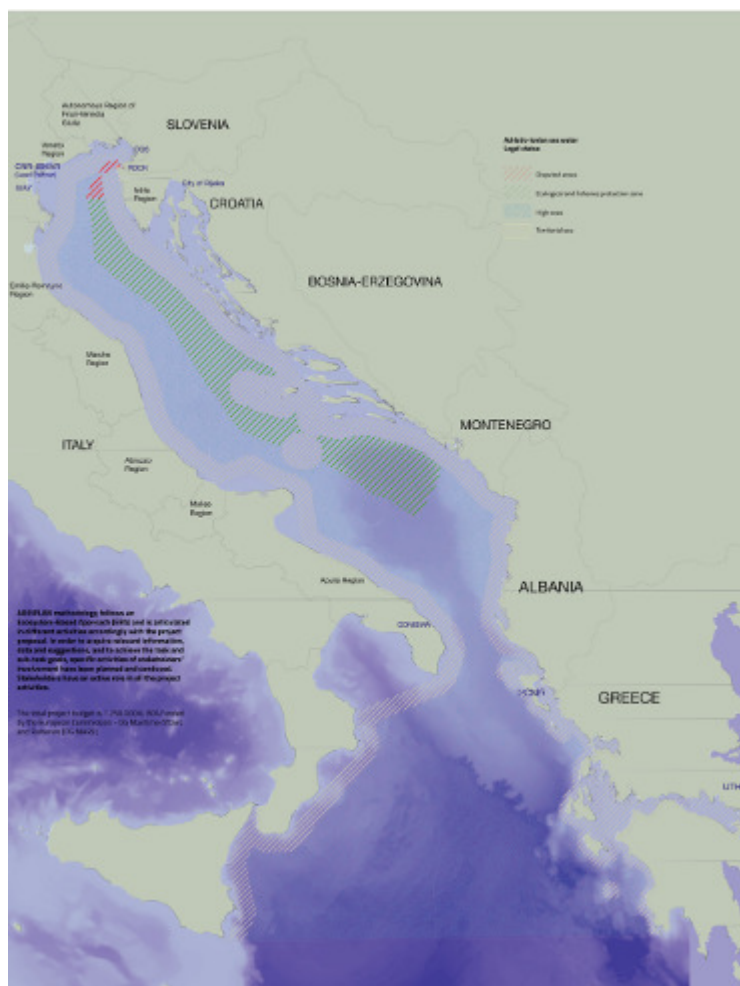
JPI
OCEANS

Joint Action:
***Building an Efficient
Interdisciplinary Scientific
Community for Policy
Relevant Knowledge on
MSP***



The way forward

MSP is a cross-pillar issue and a **key enabling factor for Blue Growth in the AIR.**



MSP and EUSAIR

Promote sustainable economic and social prosperity of the Region by improving its attractiveness, competitiveness and connectivity, while preserving the environment and ensuring healthy marine and coastal ecosystems.

4 main pillars

1. Blue Growth
2. Connecting the Region
3. Marine Environment
4. Sustainable tourism

The way forward

KNOWLEDGE-BASED PLANNING & ADAPTIVE MANAGEMENT

- MSP needs a continuous science-to-policy dialogue and promotes scientific networking and clustering. Only the use of best available knowledge is able to address an **adaptive ecosystem-based management** .

Bluemed

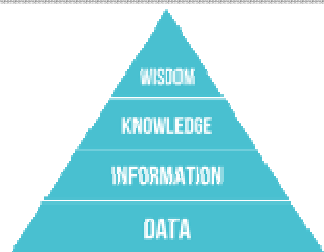
Research and innovation initiative
for blue jobs and growth in the Mediterranean area
Strategic research and innovation agenda

BLUEMED Vision & SRIA
available at:
goo.gl/ZbJTWH



2016 - 2017

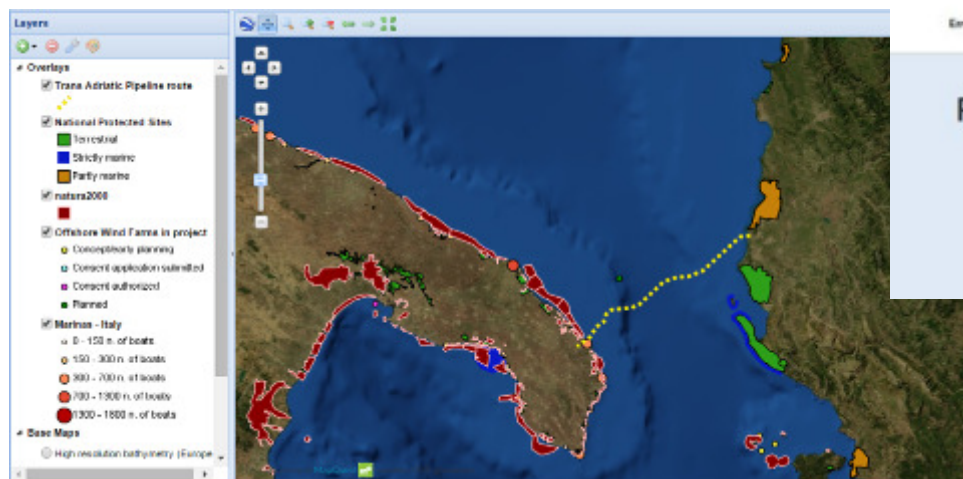
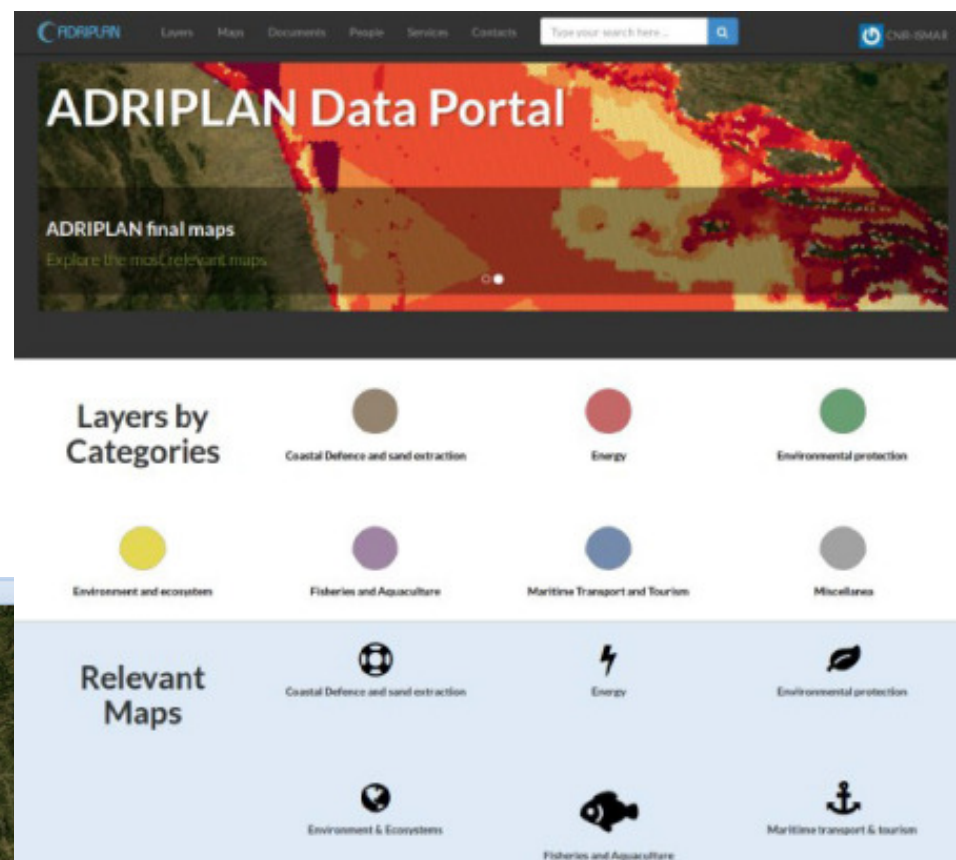
- Focused on the EUSAIR
- Maritime Spatial Planning is the overarching theme (we tackle scientific questions but the main goal is to make knowledge available to decision makers)
- The uses of the Sea should be examined to define their compatibilities, potential conflicts and cumulative impacts
- Open Data: bring to the surface and open to reuse the wealth of data in the hands of research institutions to avoid duplications of data sets, define actual gaps in knowledge and focus new research on them



The way forward

ADRIPLAN DATA PORTAL (data.adriplan.eu)

More than 200 spatial layers and around 70 aggregated maps, directly in the portal or accessible as web services (e.g. SHAPE), focusing on maritime uses and environmental components related to the Adriatic-Ionian Region.



More modules under development / integration

More information at:

www.adriplan.eu

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