

## Pianificazione e governance dello spazio marittimo: l'importanza della MSP per la crescita blu

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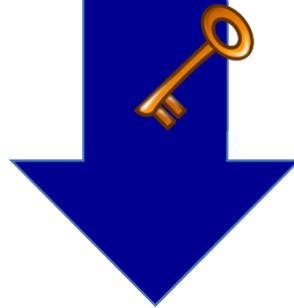




European  
Commission

# Blue Growth

Innovation



Sustainability



Economic  
Growth

+

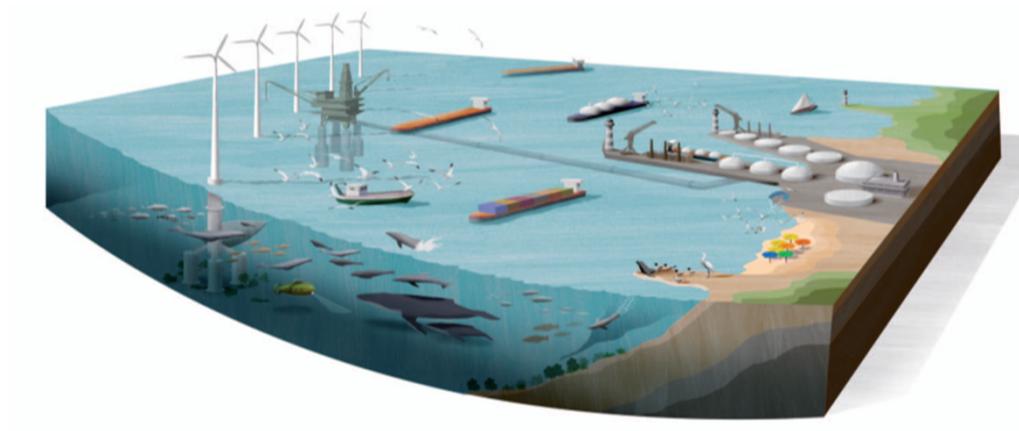
Employment

# Maritime Spatial Planning (and ICZM)

- Enable Growth at sea – harness potential

- Sustainability

- EU objectives



- Human activities at sea are at the core



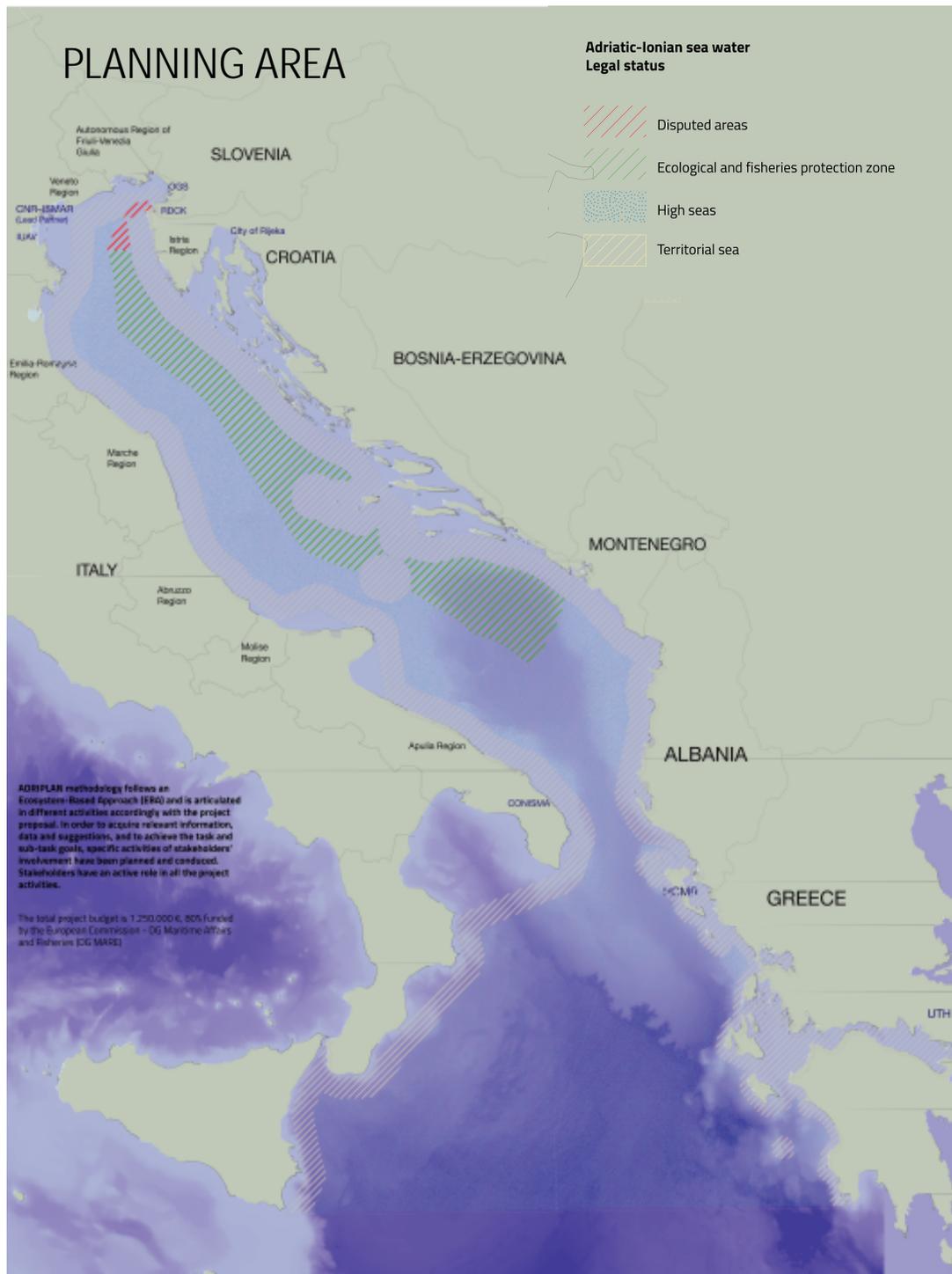
# ADRIPLAN Landscape

<b>BLUE GROWTH</b>	<b>Maritime Spatial Planning Directive</b>  Key Principles of the MSP Roadmap  ICZM Protocol Barcelona Convention
<b>Ecosystem Based Management</b> (Marine Strategy Dir., Water Framework Dir., Habitat & Birds Dir., etc.)	
<b>Horizon 2020</b>	

Ø EU Cohesion and Neighbourhood Policy (ENP)

Ø Macro-regional Strategies in the Mediterranean

Ø Integrated Maritime Policy



# EU Strategy for Adriatic and Ionian Region EUSAIR and its Action Plan

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.

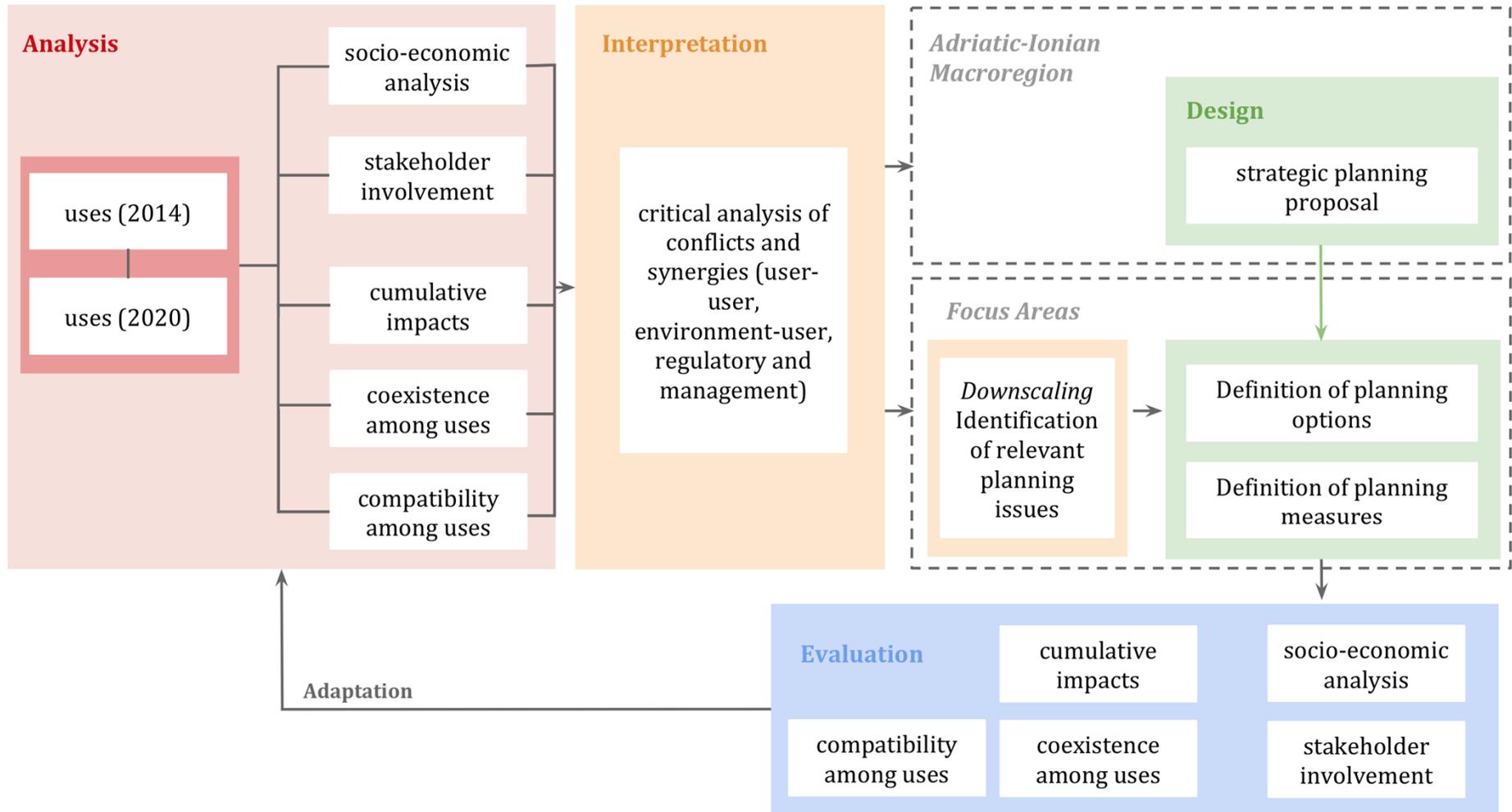
## 4 main pillars

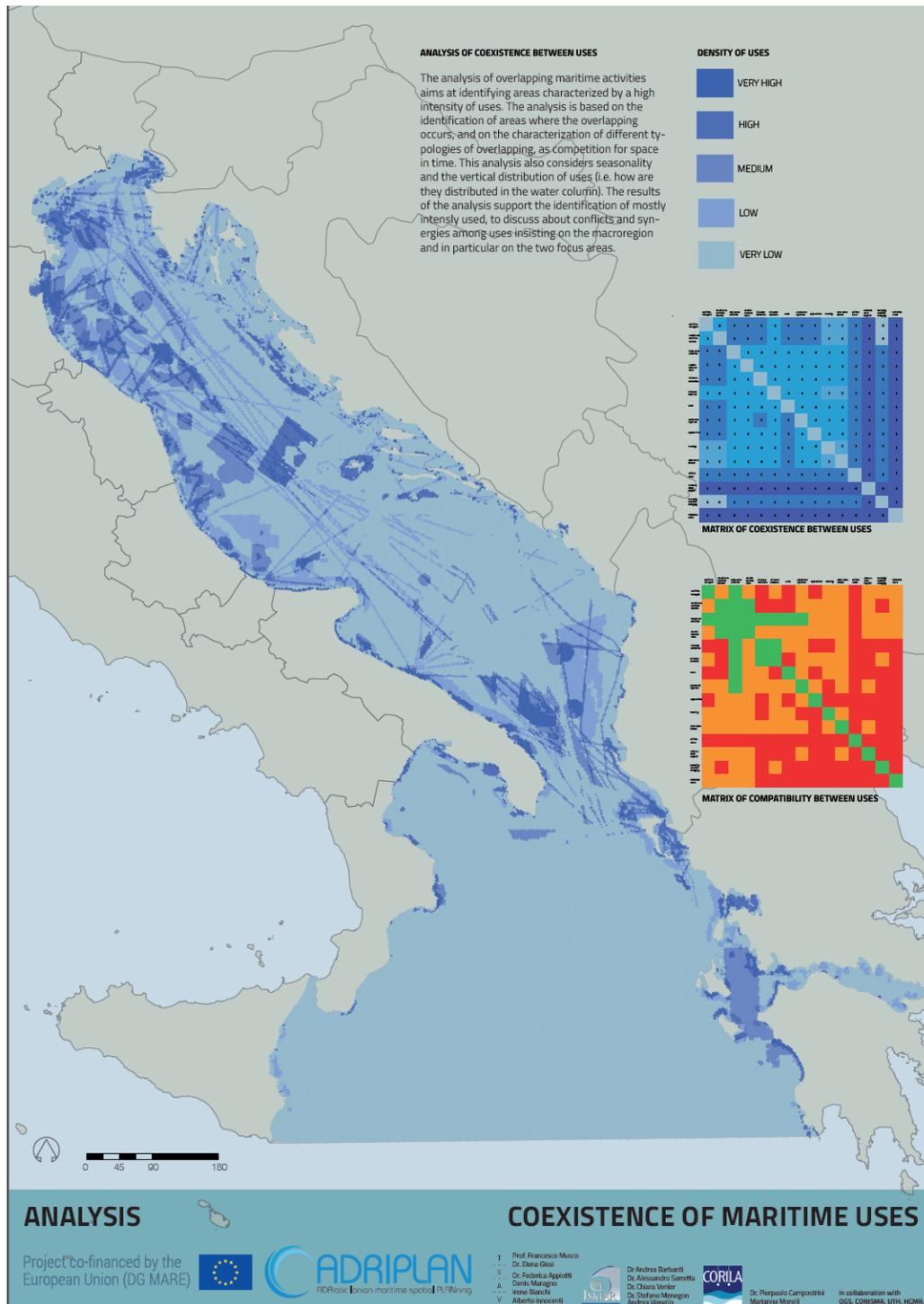
1. Blue Growth
2. Connecting the Region
3. Marine Environment
4. Sustainable tourism

# CATEGORIES OF USES

Categories	Maritime uses/activities
Energy	<ul style="list-style-type: none"> <li>- Oil &amp; Gas Research</li> <li>- Oil &amp; Gas Exploitation</li> <li>- LNG facilities</li> <li>- Cables and Pipelines</li> <li>- Renewable Energy Facilities</li> </ul>
Maritime Transport & Tourism	<ul style="list-style-type: none"> <li>- Coastal and maritime tourism</li> <li>- Maritime Transport</li> <li>- Naval Base Activities</li> </ul>
Fishery & Aquaculture	<ul style="list-style-type: none"> <li>- Trawling</li> <li>- Small scale fishery</li> <li>- Aquaculture</li> </ul>
Sand Extraction/Coastal Defence	<ul style="list-style-type: none"> <li>- Offshore Sand Deposit</li> <li>- Coastal Defence Work</li> </ul>
Environmental and Marine Protection	<ul style="list-style-type: none"> <li>- Protected Areas (MPAs, Natura 2000 sites)</li> </ul>
Others	<ul style="list-style-type: none"> <li>- Military Areas</li> <li>- Offshore sand deposits</li> <li>- Dumping areas for dredging</li> </ul>

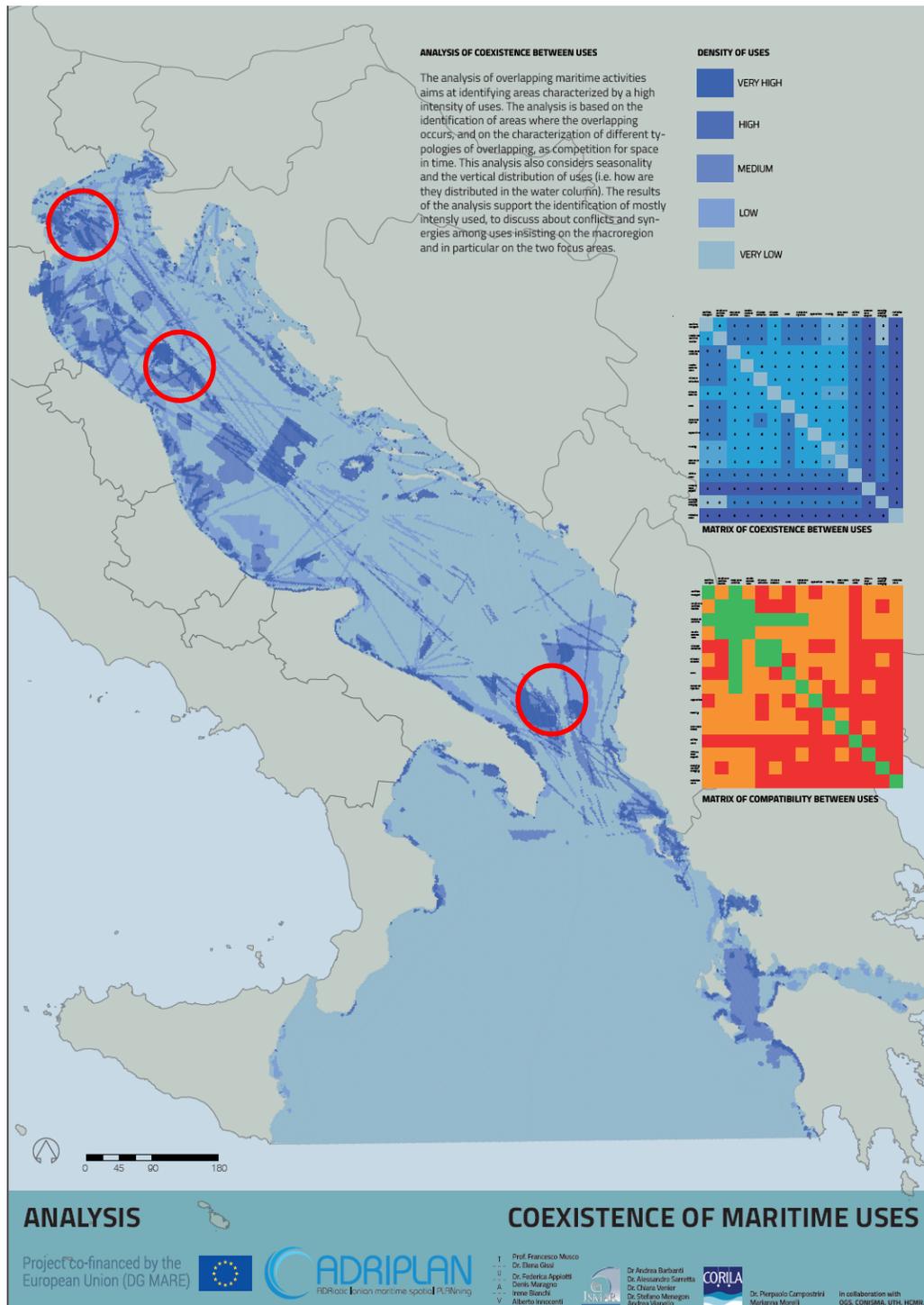
# PROCESS OF PLANNING ELABORATION





## ANALYSIS OF COEXISTENCE AMONG USES

The analysis of overlapping maritime activities aims at identifying **areas characterized by a high intensity of uses**. The analysis is based on the identification of areas where the overlapping occurs, and on the characterization of different typologies of overlapping, as **competition for space in time**. This analysis also considers **seasonality and the vertical distribution of uses** (i.e. how are they distributed in the water column). The results of the analysis support the identification of mostly intensely used, **to discuss about conflicts and synergies** among uses insisting on the macroregion and in particular on the two focus areas.



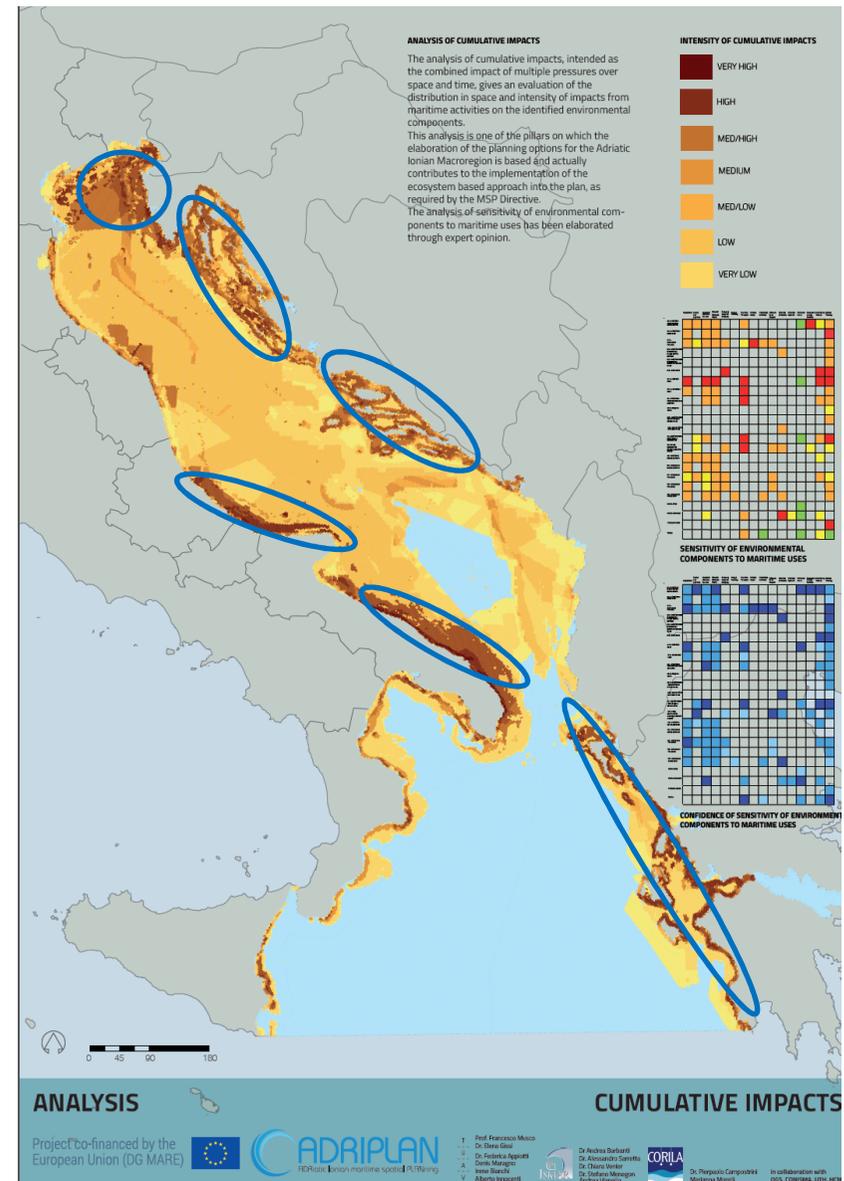
## ANALYSIS OF COEXISTENCE AMONG USES

- 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

# ADRIPLAN methodology – cumulative impacts

## Main findings

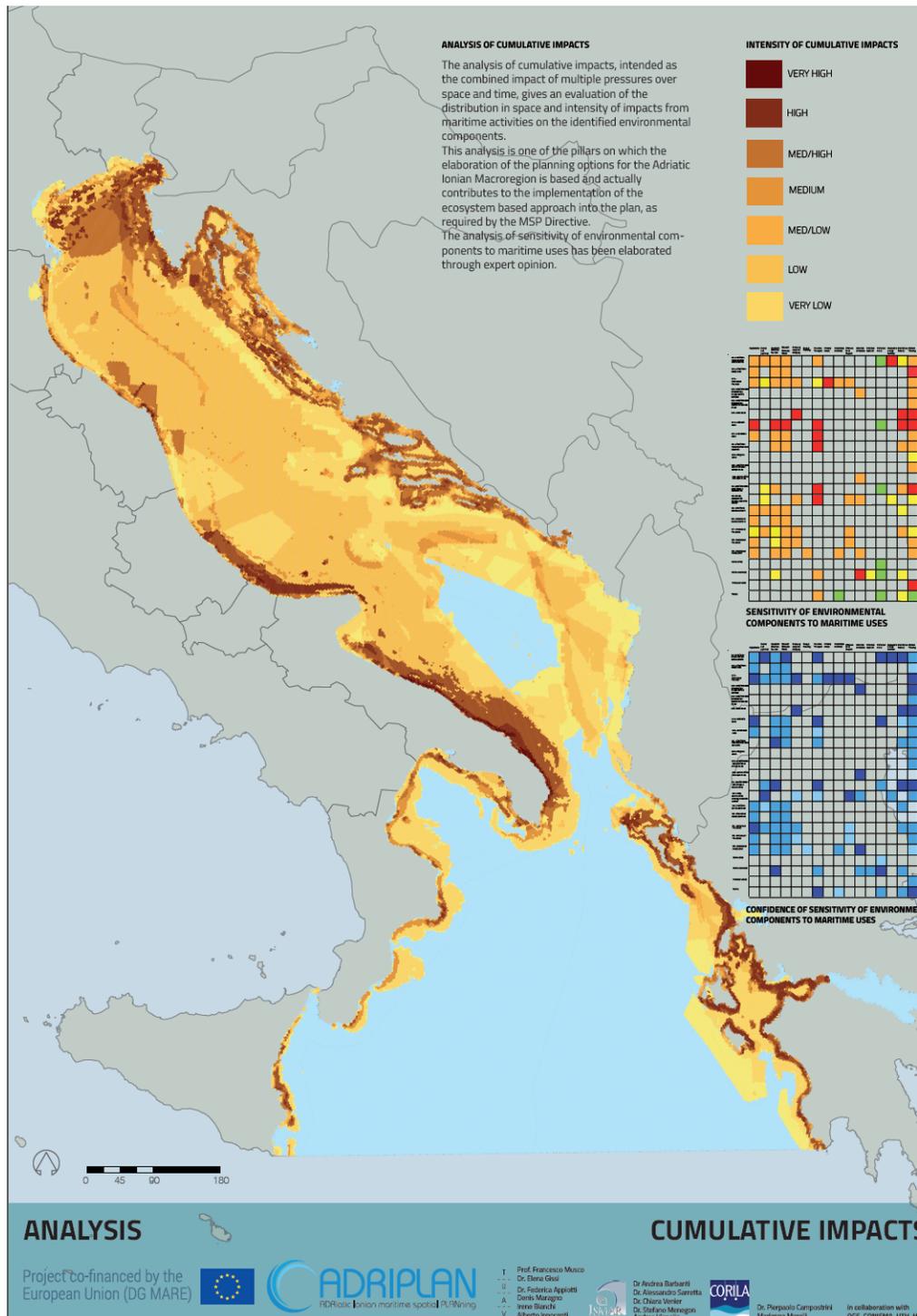
- Impacts depend on the distribution of Environmental Components which are sensitive to Maritime Uses
- Not all marine areas are impacted in the same way (hotspots of impacts)
- The geometry of the results depends on the input data of the analysis (maritime uses, environmental components)
- Improvements to overcome data gaps à demand for science
- Involvement of experts on the entire AIM as a key challenge



# ANALYSIS OF CUMULATIVE IMPACTS

The analysis of cumulative impacts, intended as the combined impact of multiple pressures over space and time, gives an evaluation of the distribution in space and intensity of **impacts from maritime activities on the identified environmental components**.

This analysis is one of the pillars on which the elaboration of the planning options for the Adriatic Ionian Macroregion is based and actually contributes to the implementation of the **ecosystem based approach** into the plan, as required by the MSP Directive. The analysis of sensitivity of environmental components to maritime uses has been elaborated through **expert opinion**.



# 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

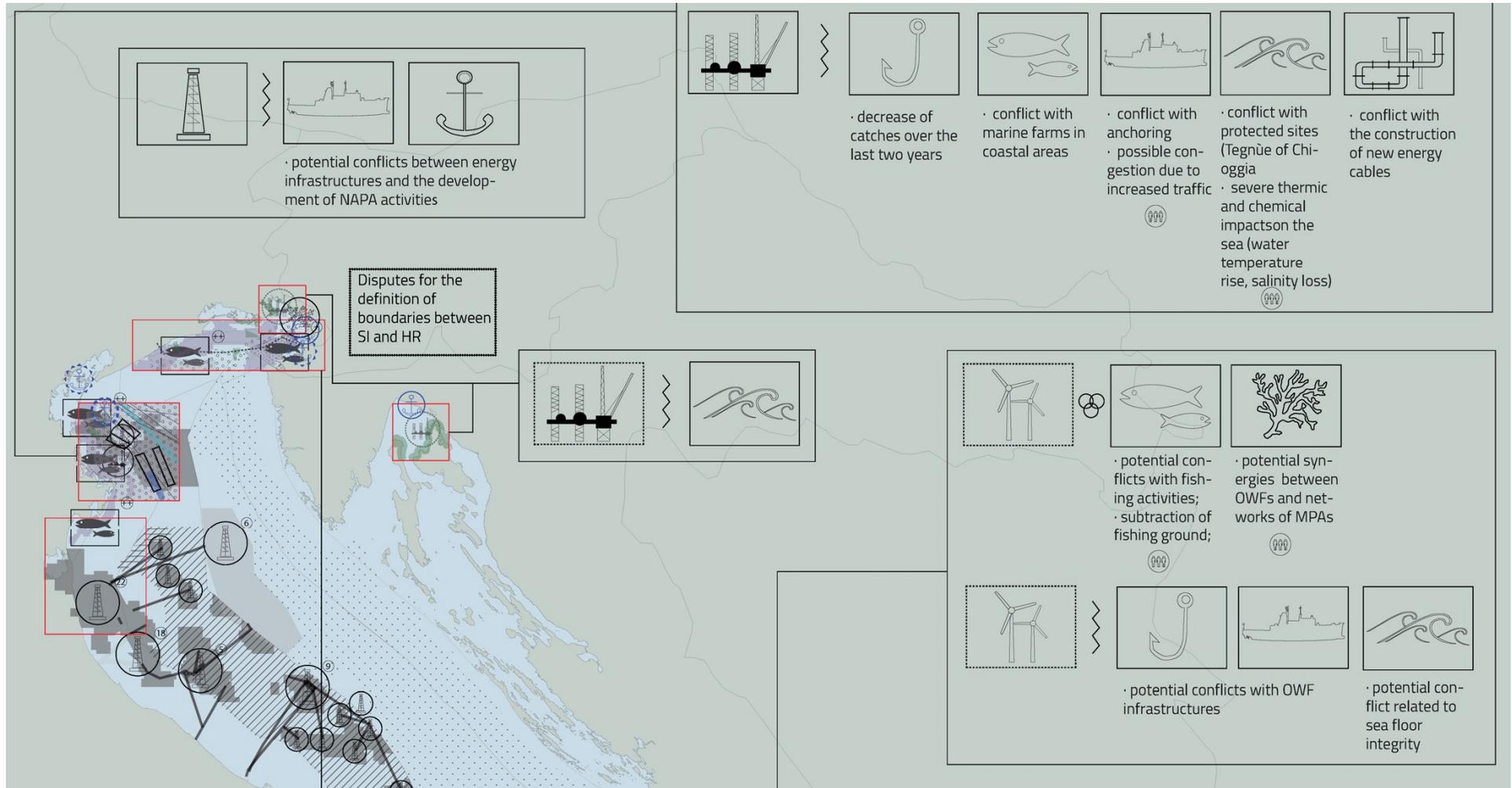
## ADRIPLAN scope

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

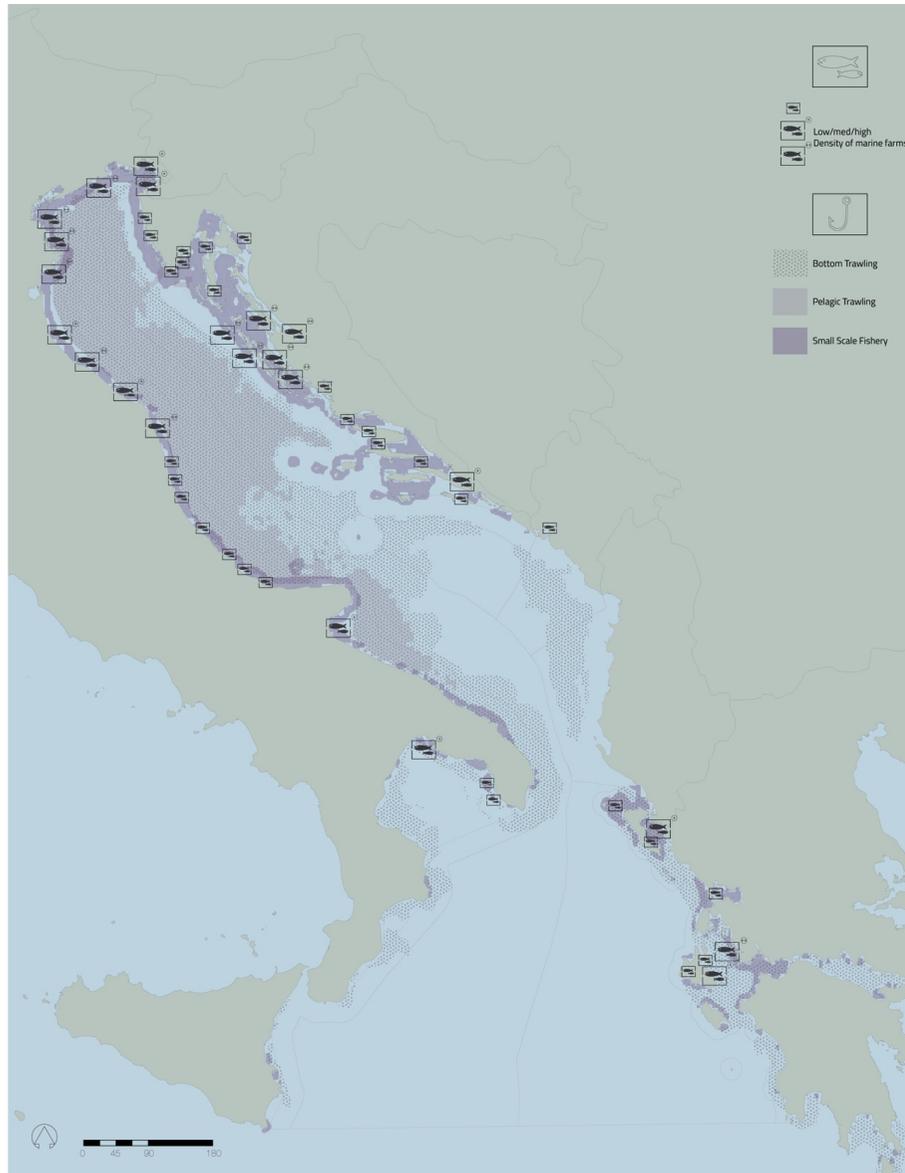


# Energy – interpretation from pivotal uses

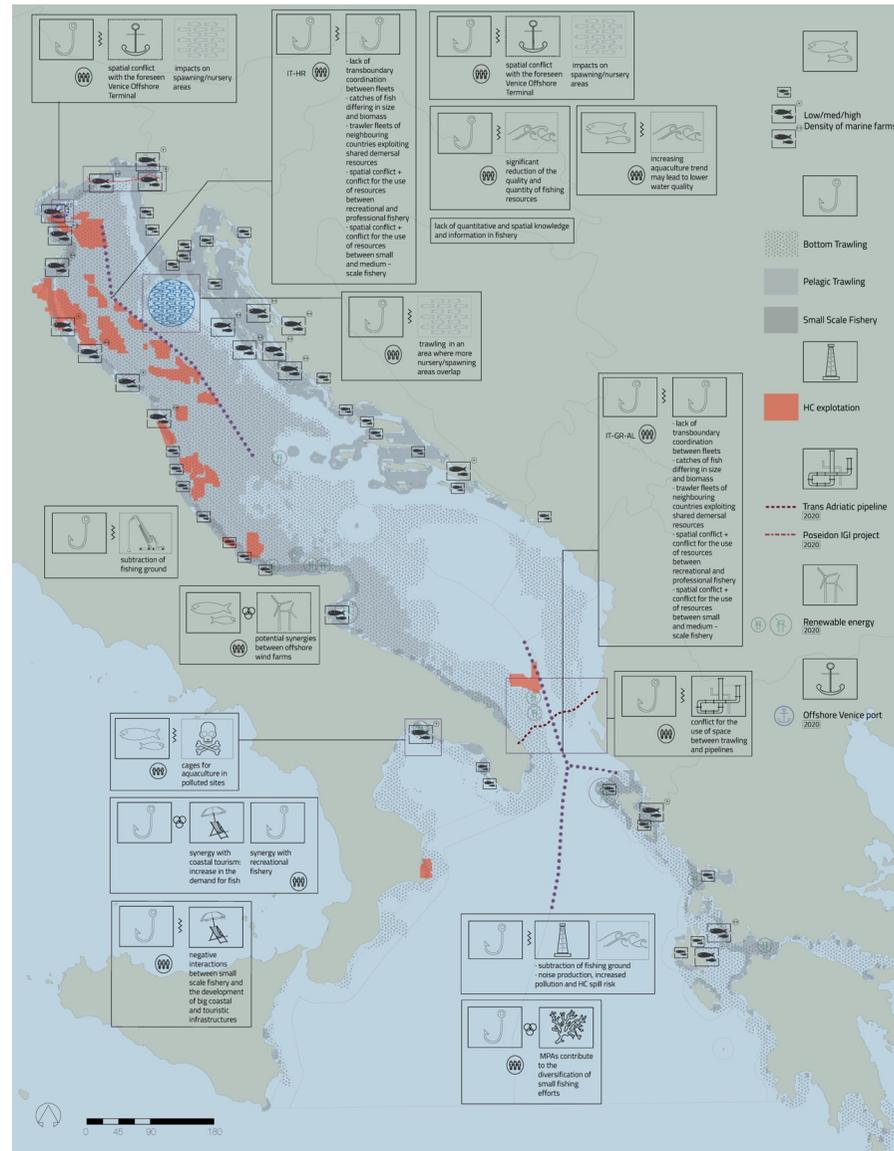
## INTERPRETATION: focus



# Fishery & Aquaculture – interpretation from pivotal uses



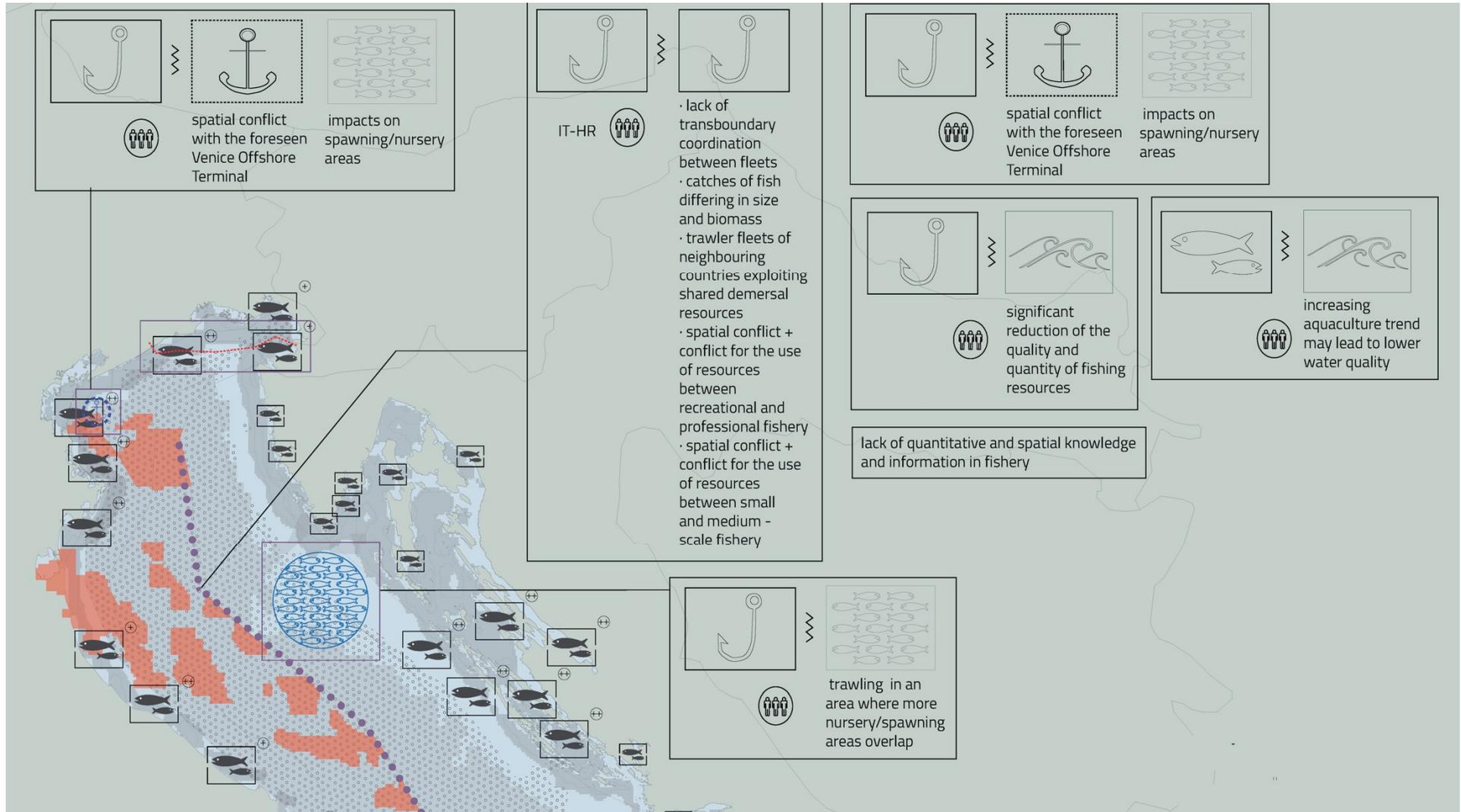
## INTERPRETATION



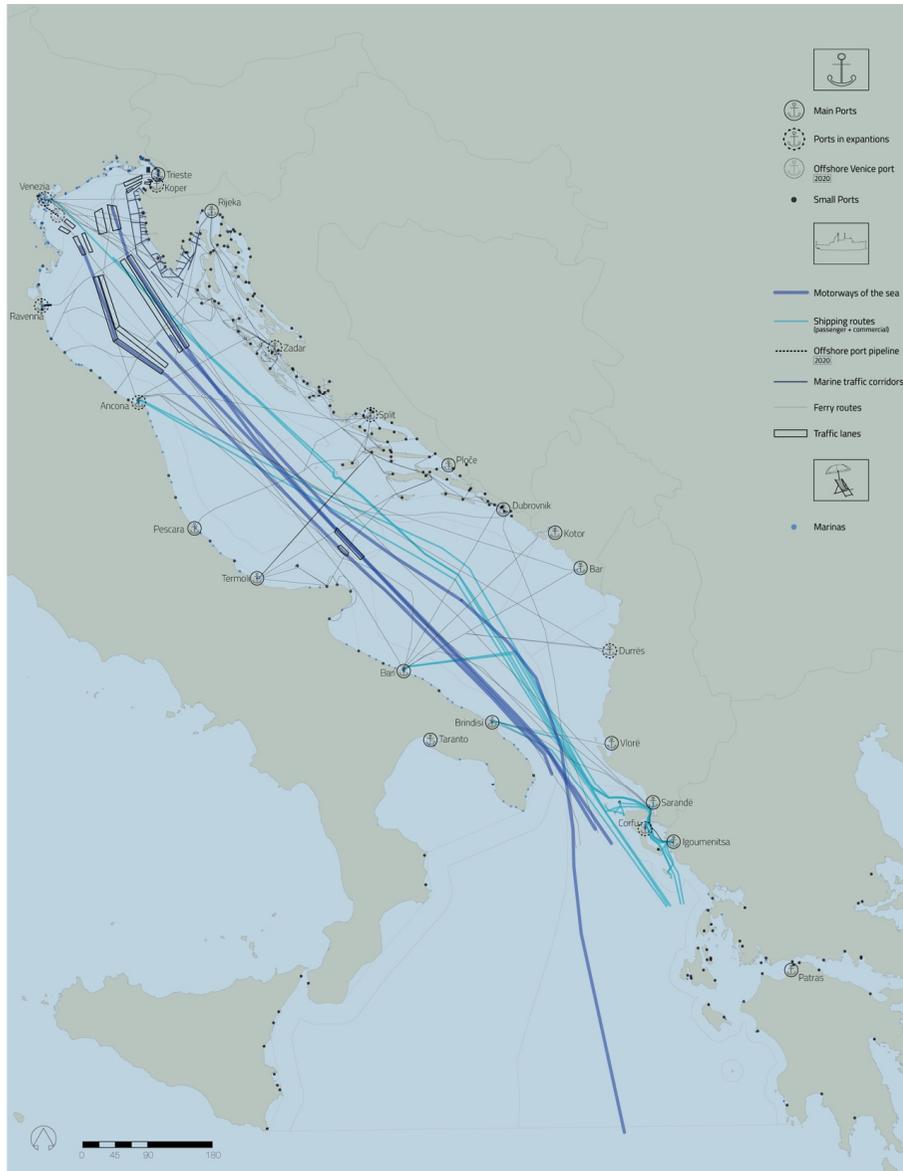
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# Fishery & Aquaculture – interpretation from pivotal uses

## INTERPRETATION: focus

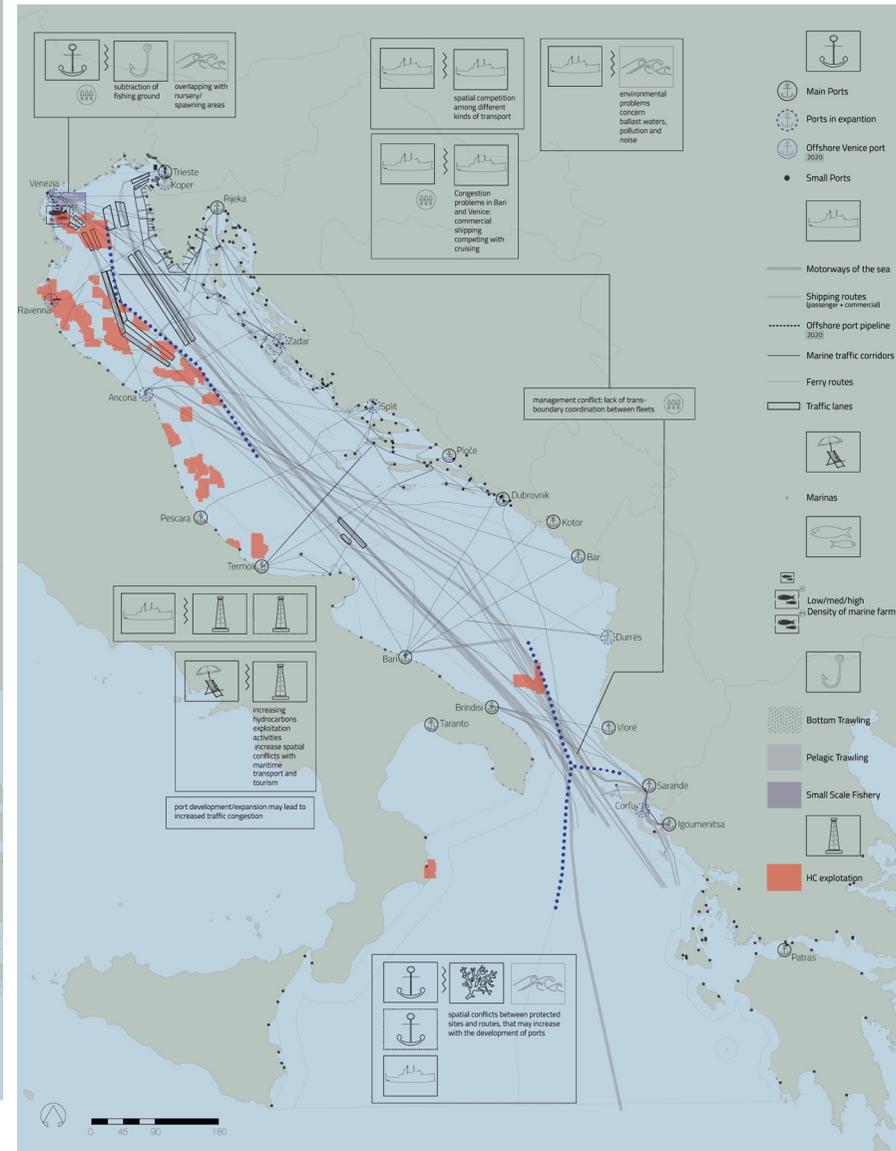


# Maritime Transport & Tourism – interpretation from pivotal uses



**ANALYSIS**

## INTERPRETATION

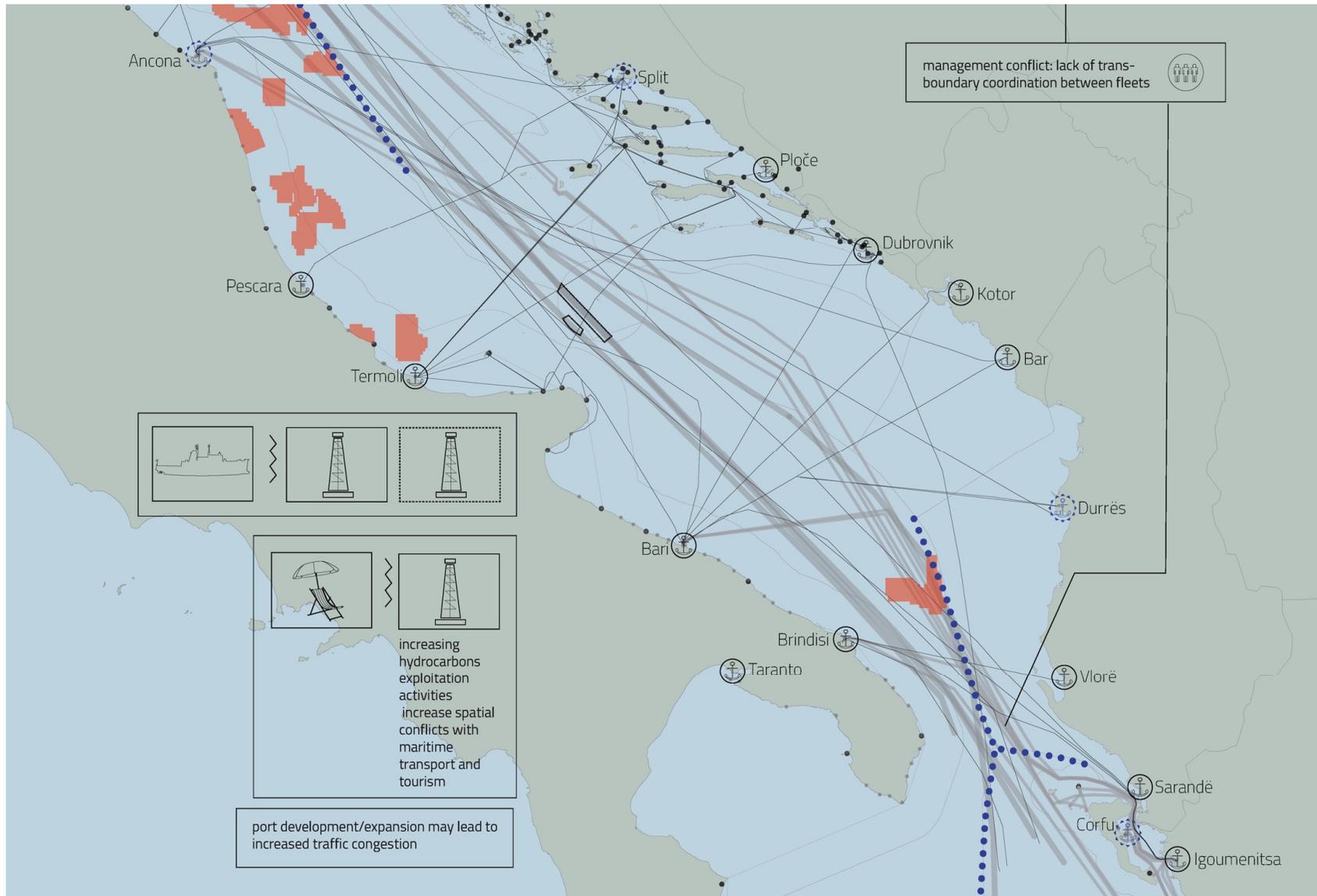


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# Maritime Transport & Tourism – interpretation from pivotal uses

## INTERPRETATION: focus

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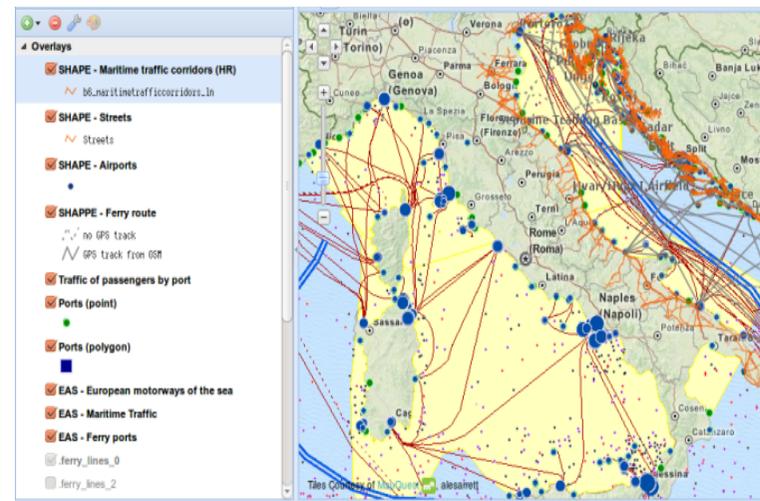
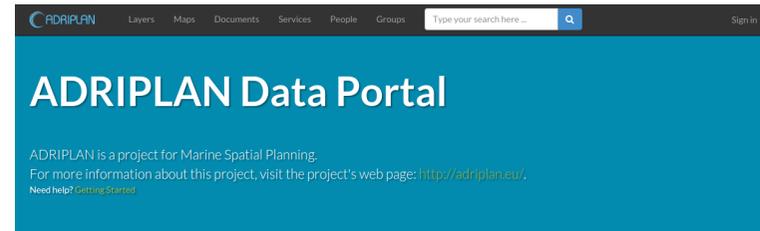


# ADRIPLAN DATA PORTAL

## data.adriplan.eu

More than 200 spatial layers and around 70 aggregated maps, plus several layers provided as services by other projects (e.g. SHAPE), focusing on maritime uses and environmental components related to the Adriatic-Ionian Region.

<http://data.adriplan.eu>



## Questions and comments

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