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Maritime Spatial Planning in Italy and in the Mediterranean

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Legislative framework

2014/89/EC Framework for Maritime Spatial Planning

European directive requires coastal member states to establish a maritime plan by 2021



Decree of the President of the Council of Ministers 1 December 2017

Containing the guidelines and criteria for the development for the management of the Maritime Space.

The guidelines identified three maritime focus areas.

R

2017

2016

Implementation of the EU Directive: Legislative Decree no. 201/2016

Establishes the **Ministry of Infrastructure and Sustainable Mobility** (MIMS) as the competent authority.

Art.7 Land-sea interactions. promote consistency between the resulting maritime spatial management plan(s) and other relevant processes.

Maritime areas



"TYRRHENIAN - WESTERN MEDITERRANEAN"

The "Tyrrhenian - Western Mediterranean" area (in dark blue) is divided into 11 sub-areas of which 7 are coastal (Liguria, Sardinia, Tuscany, Lazio, Campania, Basilicata, Calabria and Sicily) and 4 offshore.

"ADRIATIC"

The "Adriatic" area (in blue) is divided into 9 sub-areas of which 6 are coastal (Friuli-Venezia Giulia, Veneto, Emilia-Romagna, Marche, Abruzzo, Molise and Puglia) and 3 offshore.



"IONIAN - CENTRAL MEDITERRANEAN"

The "Ionian - Central Mediterranean" area (in blue) is divided into 7 sub-areas of which 5 are coastal (Puglia, Basilicata, Calabria and Sicily) and 2 offshore.



Operational phases

Phase 1

Initial status and current and expected trends

Phase 2

Interaction analysis (conflicts and synergies) between uses and impacts on environmental components

Phase 3

Vision and strategic objectives

Phase 4

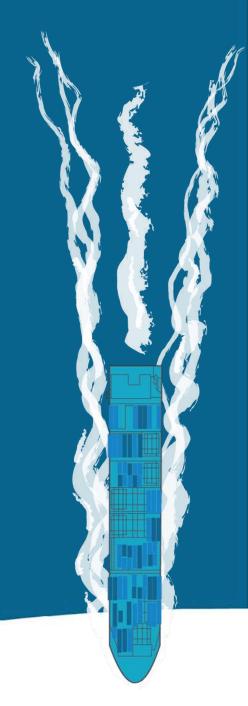
Planning: vision, specific objectives, vocations (planning units), specific measures

Phase 5

Methodology and indicators for monitoring and adapting the Plan

Phase 6

Activities to consolidate, implement, and update the Plan



MSP italian workflow

LEGEND

Governance level

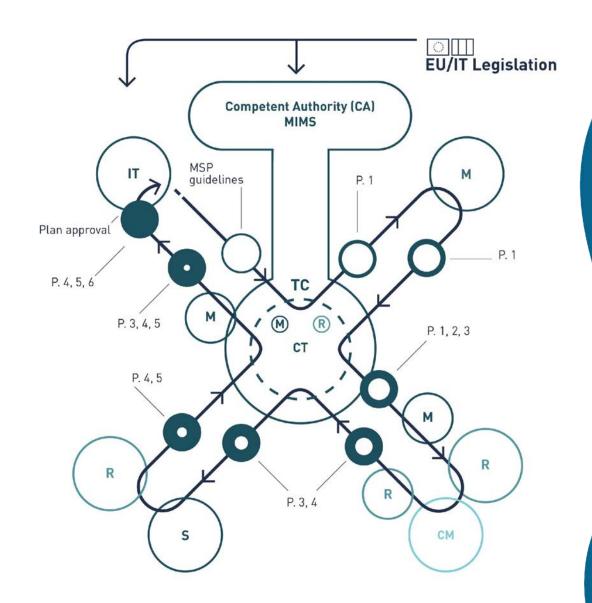
- National level: CA Competent Authority, IT Inter-Ministerial Coordination Table, TC Technical Committee, CT- Core Team, M Ministries
- Regional level: R Regions, S- Superintendence regional offices of the Ministry of Culture
- Local level: CM- Coastal Municipalities

Plan Refinement

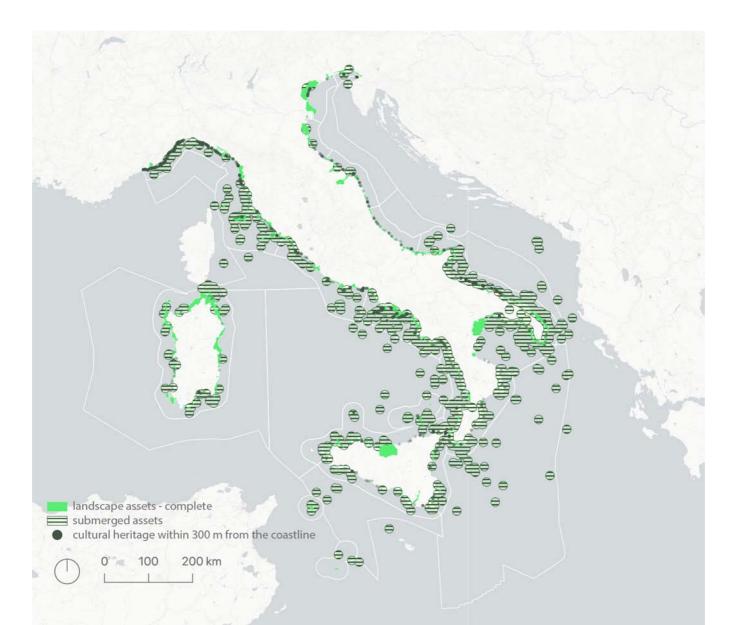
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Operative Phases

P1, P2, P3, P4, P5, P6: Planning Phases



Phase 1 - Initial status and current and expected trends



Essential map "Landscape and cultural heritage"

The map shows areas and assets subject to to landscape constraint falling on the coast or in the immediate prospect of the same and archaeological submerged sites as part of the MIC project called "Archeomar".

Step 2 - Analysis of interaction (conflicts and synergies) between uses and impacts on environmental components

Interaction between landscape, cultural heritage and "new" uses

High density of cultural heritage along the coast and pressure due to mass tourism

Landscape conservation in land-sea intervisibility

Traditional landscape impacts of existing and new uses (renewable energy installations, aquaculture facilities, cruise ships)

Step 2 - Analysis of interaction (conflicts and synergies) between uses and impacts on environmental components

Interaction between landscape, cultural heritage and various activities

	Trasporti-rotte	Turismo	Produzione di Energia idrocarburi	Tracciati per cavi e condutture sottomarine	Acquacoltura molluschicoltura	Acquacoltura piscicoltura	Pesca reti da traino	Pesca attrezzi fissi	Piccola pesca costiera	Usi militari temporanei	Usi militari permanenti	Estrazioni di materie prime	Siti di conservazione della natura e di specie naturali	Paesaggio e patrimonio culturale sottomarino	Produzione di Energia di fonti rinnovabili	Ricerca scientifica
Paesaggio e patrimonio culturale sottomarino																

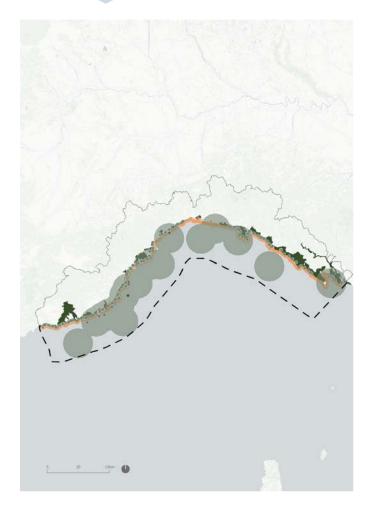
Step 3 - Vision and Strategic Objectives

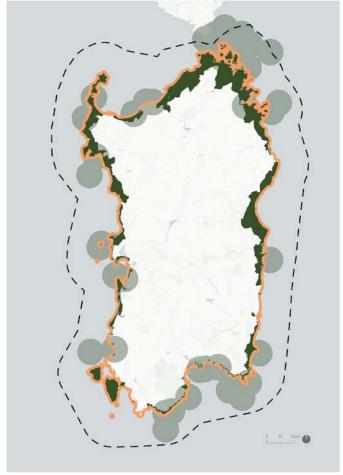
Transversal Principles - Landscape and Cultural Heritage

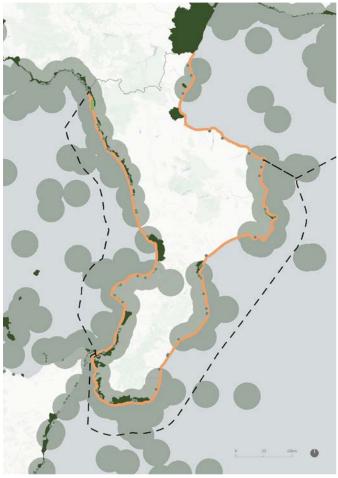
- **Objective 1** To support the landscape value of the coastal strip.
- Objective 2 Promote the recovery and rehabilitation of buildings and areas subject to protection
- Objective 3 Encourage and support the conservation of underwater archaeological heritage
- Objective 4 Promote regional and international collaboration on the subject.
- Objective 5 Promote and create awareness of intangible cultural heritage

Trilateral meetings for single sub-area between Region / Scientific Pole / Superintendence

Analysis through thematic maps (landscape and coastal tourism 1nm buffer)



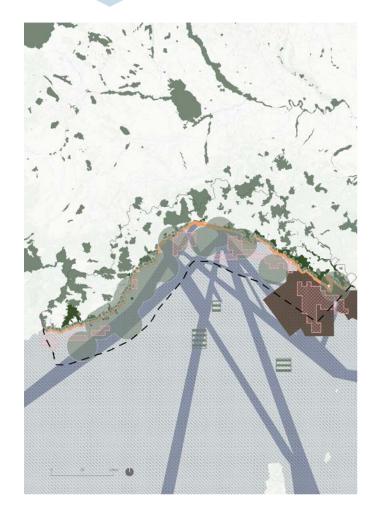


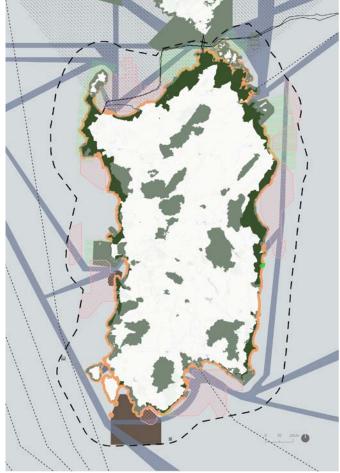


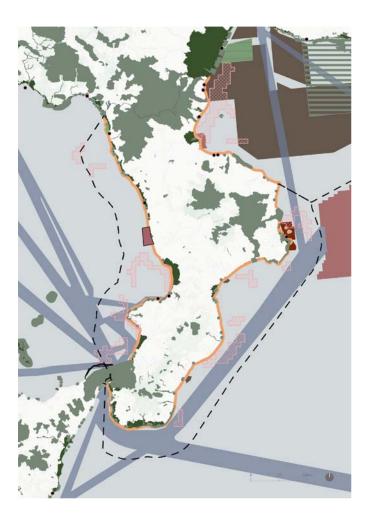


Trilateral meetings for single sub-area between Region / Scientific Pole / Superintendence

Analysis and overlap of all present activities









Defining Planning Units

G = Generic

Areas in which all uses tend to be permitted, with specific and reciprocal regulatory mechanisms

P = Priority Use;

Areas for which the Plan provides indications of priority use and development, including indicating other uses to be provided or permitted through adjustments to each other and with the identified priority use.

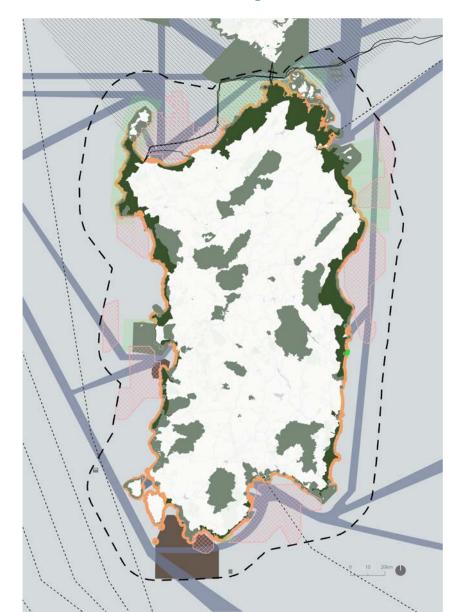
L = Limited Use;

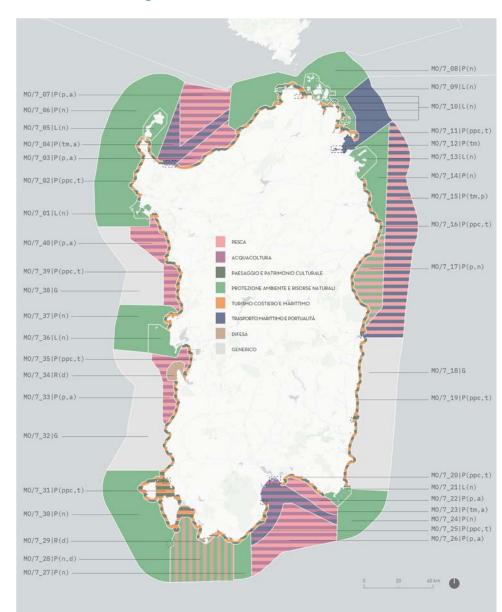
Areas for which a predominant use is indicated, with other uses which may be present, with or without specific limitations, if and to the extent compatible with the predominant use.

R = Reserved Use;

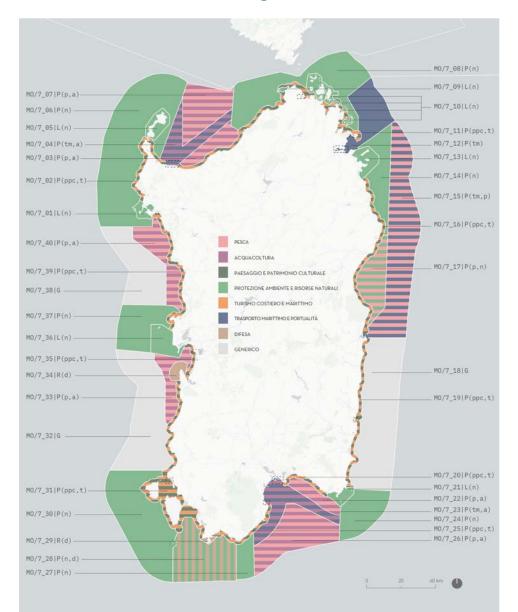
Areas reserved for a specific use. Other uses are permitted only for the needs of the reserved use or unless exemptions and concessions are granted by the entity responsible for or managing the reserved use.

Definition of Planning Units - the case of Sardinia Region





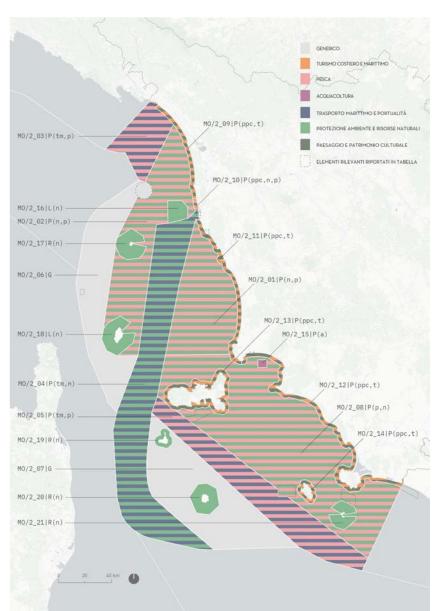
Definition of Planning Units - the case of Sardinia Region



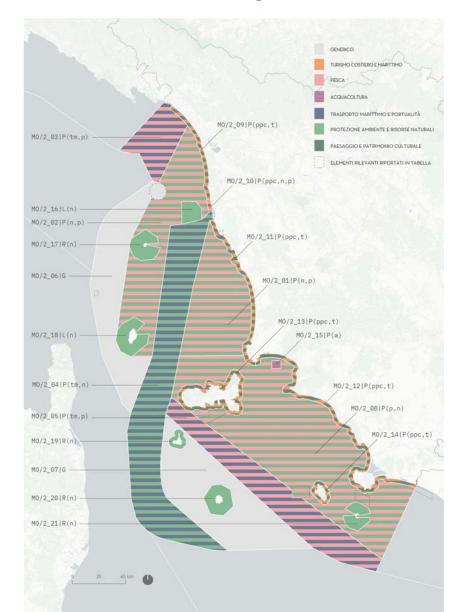
				<u> </u>	
UP	General (G), Priority (P), Restricted (L), and Reserved (R) Uses	Reasons for attribution typological	Other Uses	Special considerations for other uses	Elements relevant to the environment, landscape and cultural heritage
MO/7 _02	P (ppc,t) Priority Use(P) - Landscape and Cultural Heritage (ppc) - Coastal and maritime tourism (t)	Coastal area with high touristic, landscape and naturalistic value. Presence of areas of high natural value (SCI-ZPS) on land and/or sea.	Environmental protection and natural resources Fishing Research and Innovation Coastal defense Energy	Renewable energies: area suitable for the development of energy from wave motion (see Study 2011 ENEA/MISE/University La Sapienza Evaluation of the energy potential of wave motion along the coasts Italian)	Conservation measures in force in the areas affected by Nat2000 sites according to Directive 92/43/EC. The UP falls within the EBSA "North Western Mediterranean". Ecologically and Biologically Sensitive Marine Area in accordance with the Convention on Biological Diversity.
MO/7 _05	L (n) Limited Use (L) -Environmental protection and natural resources (n)	The UP coincides with the perimeter of the Marine Protected Area of Asinara, established by DM August 13, 2002. The area includes within it the SCI/SAC and SPA Asinara Island. (ITB010082, ITB010001)	Other uses consistent with the limited use. Other uses are allowed within the limits and conditions set forth in the regulatory and planning documents of the operator.	Area to high environmental protection with vocation to the naturalistic tourism according to what disposed by the managing body of the same reserve.	Within the UP Conservation measures in force in the Nat2000 site according to Directive 92/43/EC. The UP falls within the Pelagos Marine Mammal Sanctuary. The UP falls within the EBSA "North Western Mediterranean". Ecologically and Biologically Sensitive Marine Area in accordance with the Convention on Biological Diversity.

Definition of Planning Units - the case of Tuscany Region

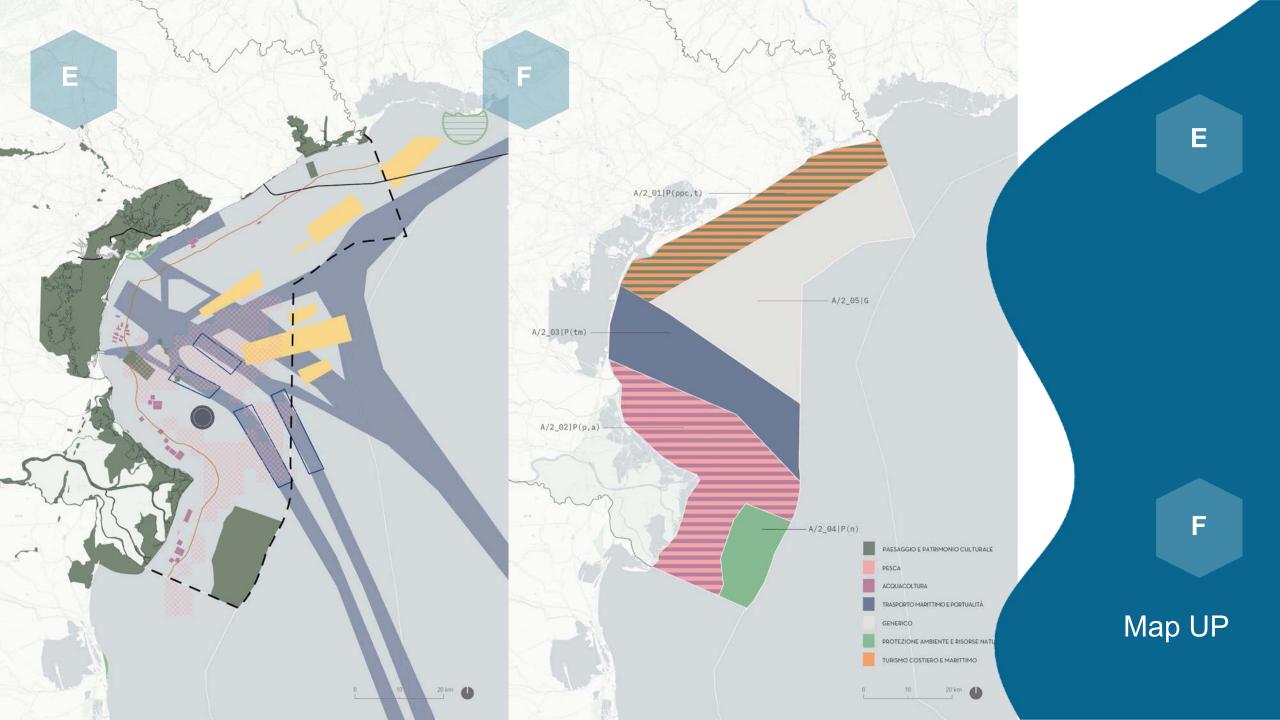


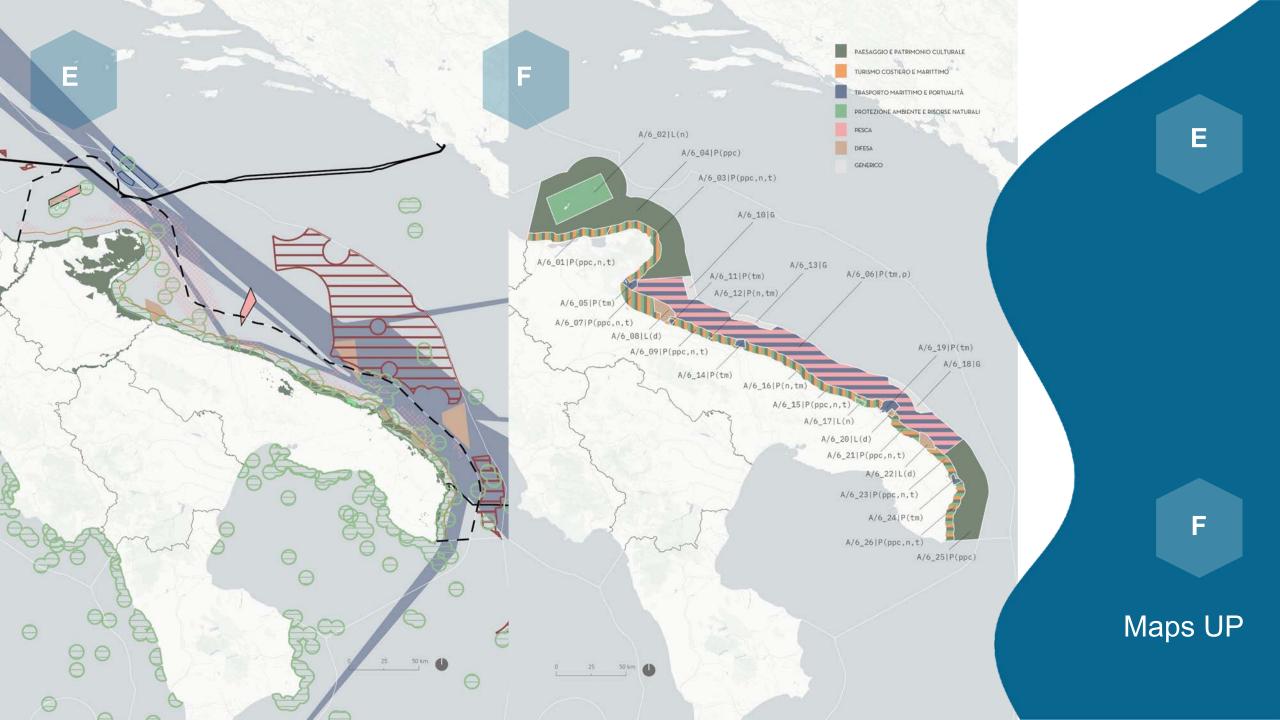


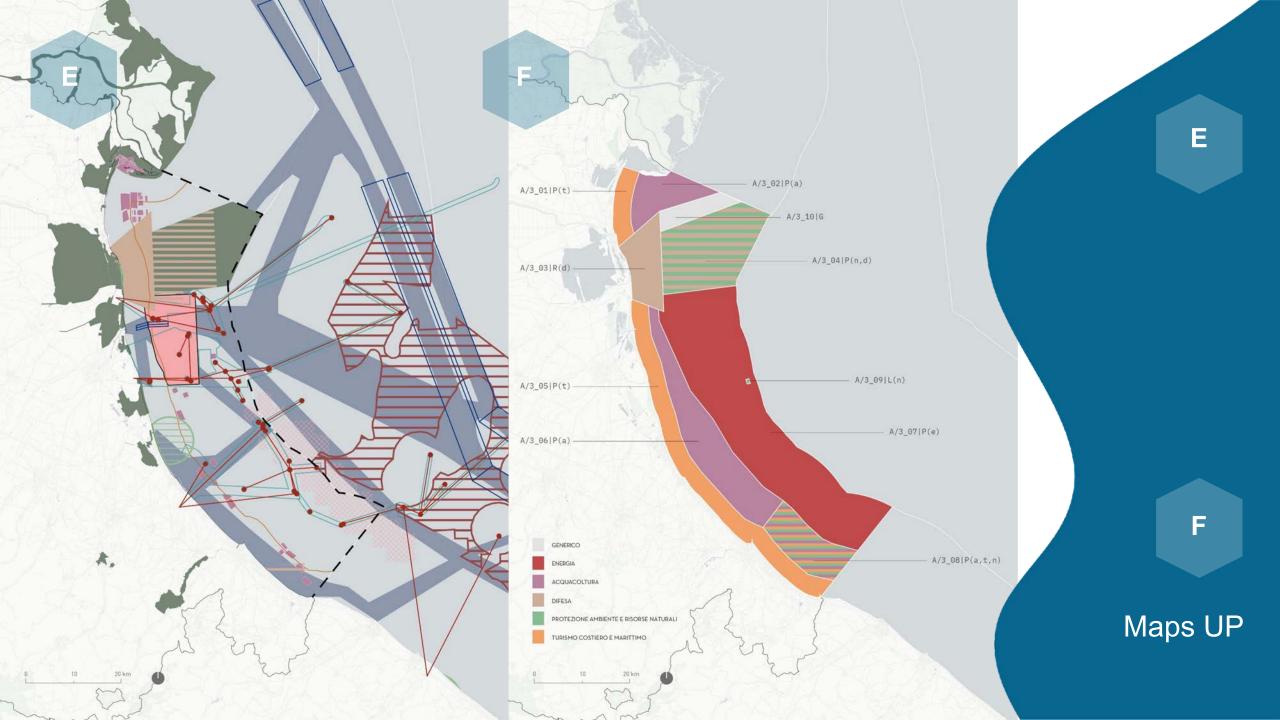
Definition of Planning Units - the case of Tuscany Region

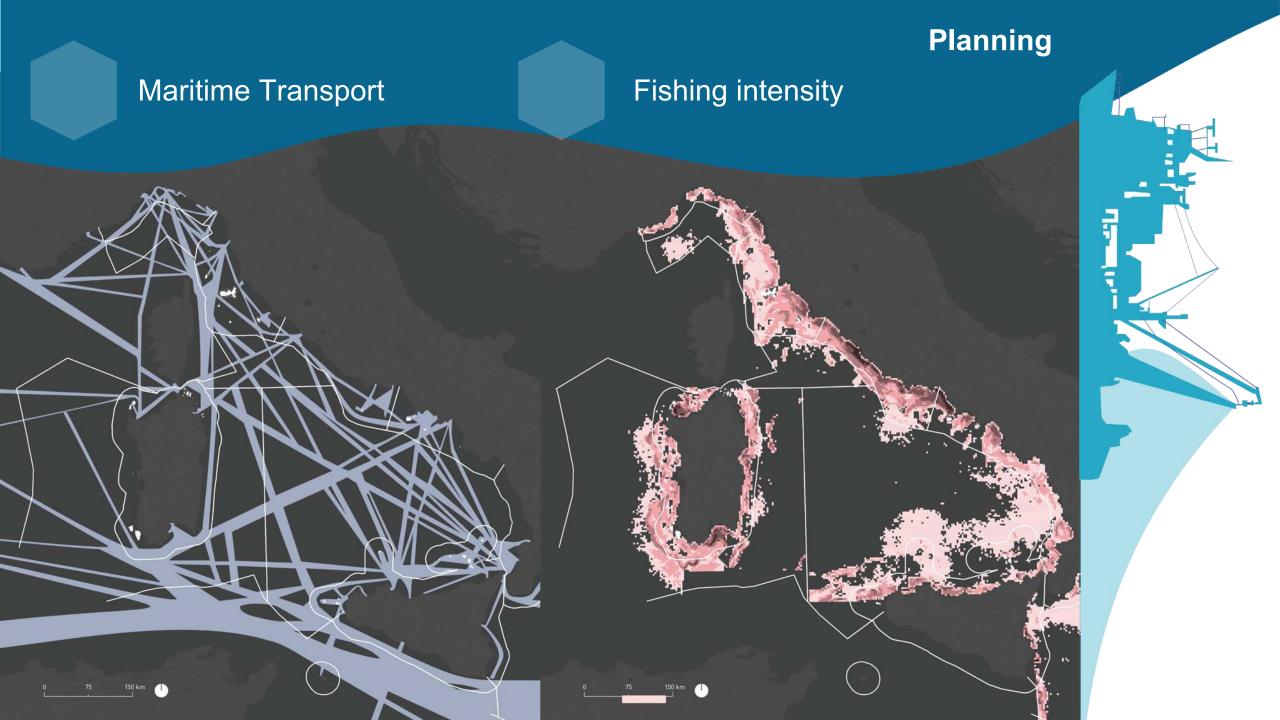


UP	General (G), Priority (P), Restricted (L), and Reserved (R) Uses	Reasons for attribution typological	Other Uses	Special considerations for other uses	Elements relevant to the environment, landscape and cultural heritage
MO/ 2_4	P (tm, n) Priority Use (P): - Maritime transport and ports (tm) - Environmental protection and natural resources (n)	The area hosts maritime traffic of great importance, being a crossroads of national and international transports that mainly follow the N-S routes, but it is also fundamental for connections to and from the major Italian islands. Area of high naturalistic value. In the northern sector it is included in the area proposed as SIC area "Protection of Tursiops truncatus". In the southern part it represents an element of continuity with the offshore area between Olbia and the Tuscan archipelago and it is reported as an important area for the bottlenose dolphin. Port and industrial area near Livorno.	- Defense - Fishing - Withdrawal of relict sands - Infrastructure: industrial uses related to activities Portals	Consider the presence of military areas (see limitations on other uses). Consider the intensity of uses in the area, possible overlap and conflict - presence of SIN area to be reclaimed. Port and industrial area near Livorno, district of the Authority of the port system of the Northern Tyrrhenian Sea.	Conservation measures, objectives and/or management plans in force in the Nat2000 site according to Directive 92/43/EC: general measures DGR 1223/15, site specific measures and objectives DGR 21/2019- All.3
MO/ 2_11	P (t,ppc) Priority Use (P): - Tourism (t) - Landscape and Cultural Heritage (ppc)	Area with high touristic and landscape/naturalistic value Presence of a widespread network of ports/seaports SCI Calafuria - terrestrial and marine area	- Fishing - Aquaculture - Maritime transport - Environmental protection and natural resources	Consider seasonality of tourism uses, recreational boats and traffic, aquaculture areas to monitor, artisanal fisheries.	Conservation measures in force in the Nat2000 site according to Directive 92/43/EC: DGR 1223/15

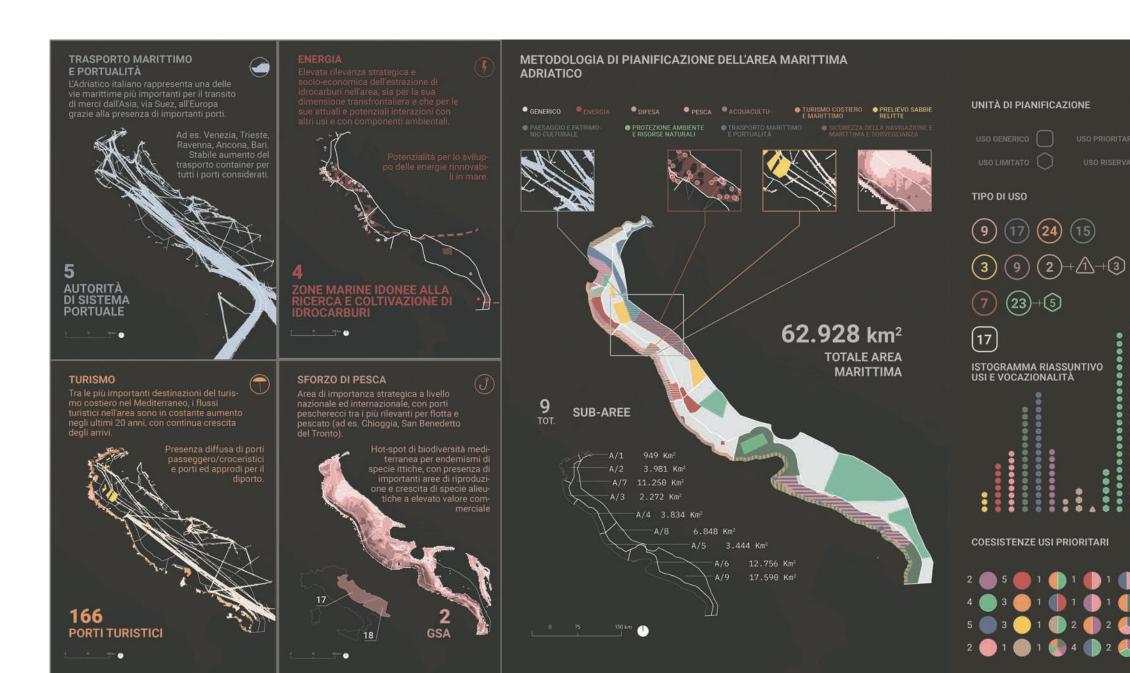






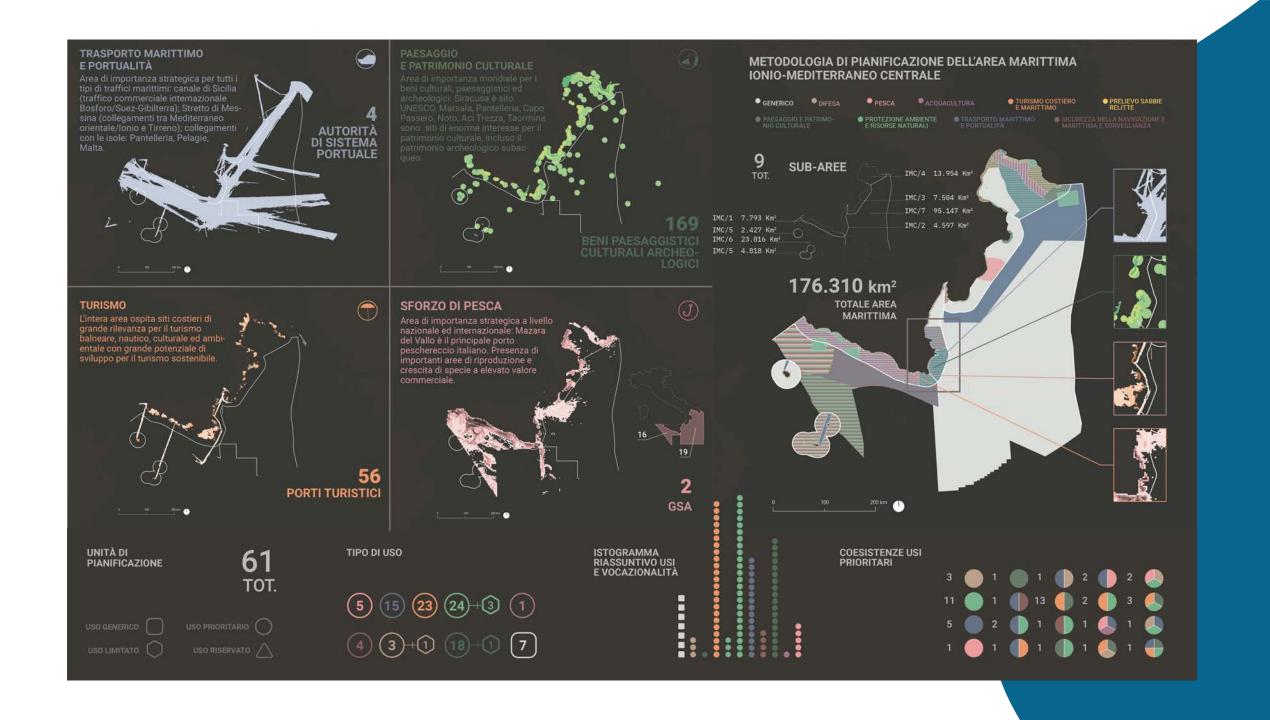


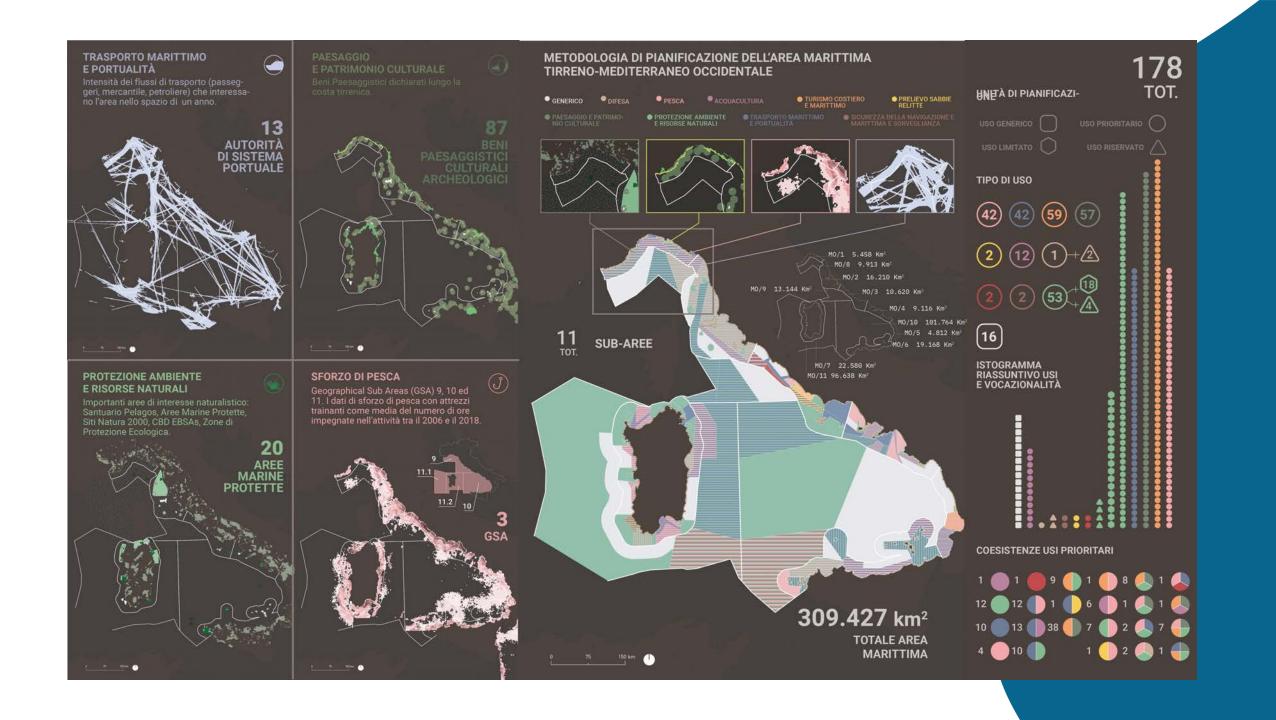




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Defining measures – In progress

	Defense			Category	Typology	U		Effects on other uses							
Specific objective	Reference use for measureme nt	Interacti on use	l Weasure			P	n	pp c	а	p tm	t	d s	sa	re e	dc
		-	Formulation of proposals for new landscape assets to be protected and enhanced	S	I		х								
Promote the enhancement of coastal scenic beauty, while respecting the uses already permitted, including identifying maritime stretches of water as additional contexts of landscape protection of coastal areas, enhancing skylines, visual cones, intervisibility of places			Providing for areas of landscape importance where the number of daily accesses is restricted	S, M	M/I		x			х	x				
			Provide areas in which, at certain times of the year when there is a high number of tourists, the daily number of accesses is limited	T, M	M/I		x			x	х				
	Landscape		Equip areas with a system of communication and signage to inform users and direct their behavior	the number of S. TE, M A TE, M A TE, M A TE, M A A TE, M A		x			х	x			x		
	and cultural heritage	Tourism	Set up surveillance systems to count the number of tourists in the vicinity of heritage sites.			x			x	x					
			Monitor access to marine protected areas, sites of cultural interest and cultural heritage assets particularly exposed to tourist pressure		А		x			x	x			x	
			Identify individual assets or restricted areas in which all or at certain times of the year access by non-residents/workers is subject to the purchase of a ticket, in order to limit the number of accesses and/or to finance protection and enhancement interventions	T, EC	I/M		х			x	x				



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