

# EU HOs in Mediterranean and Black Sea (MBS)



HRVATSKI  
HIDROGRAFSKI  
INSTITUT

CROATIA



INSTITUT NATIONAL DE L'HYDROGRAPHIE ET DE L'OcéANOGRAPHIE

FRANCE



HNHS

GREECE



ISTITUTO IDROGRAFICO DELLA MARINA

ITALY



Transport Malta

MALTA



REPUBLIKA SLOVENIJA  
MINISTRSTVO ZA INFRASTRUKTURNO

SLOVENIA



SPAIN

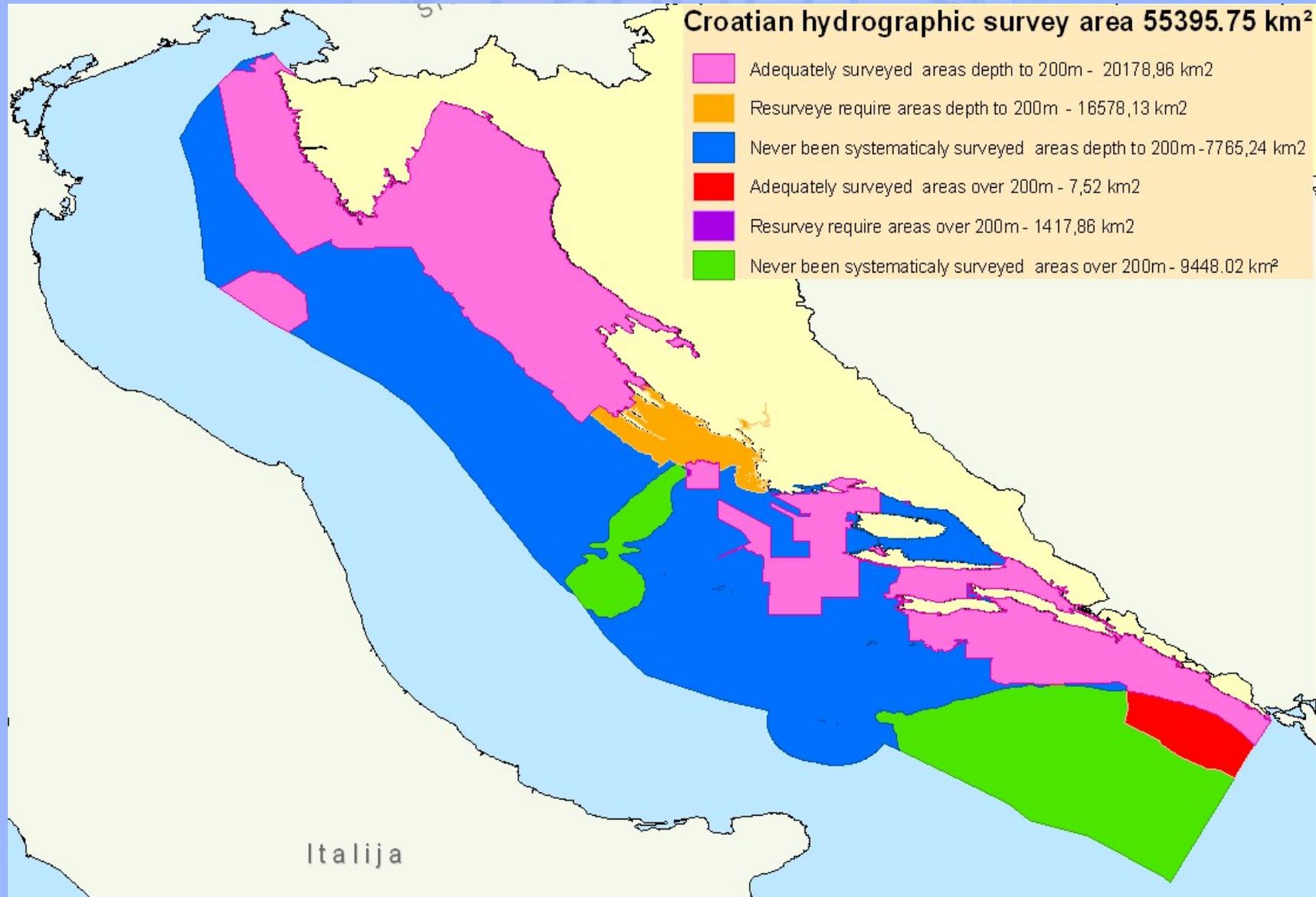


ROMANIA

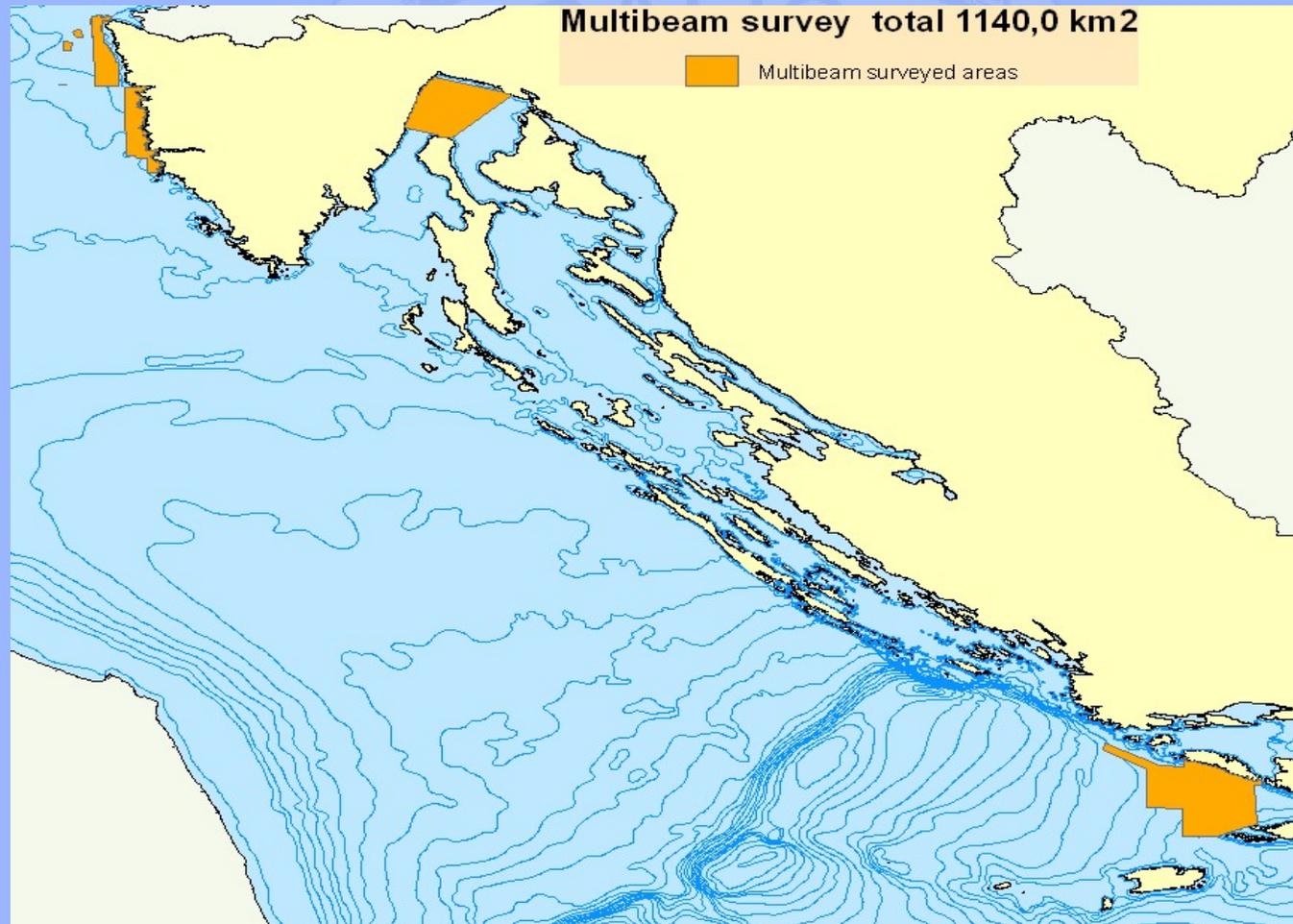


# Croatia

## Current status of hydrographic survey in acc. IHO C-55 pub. criteria

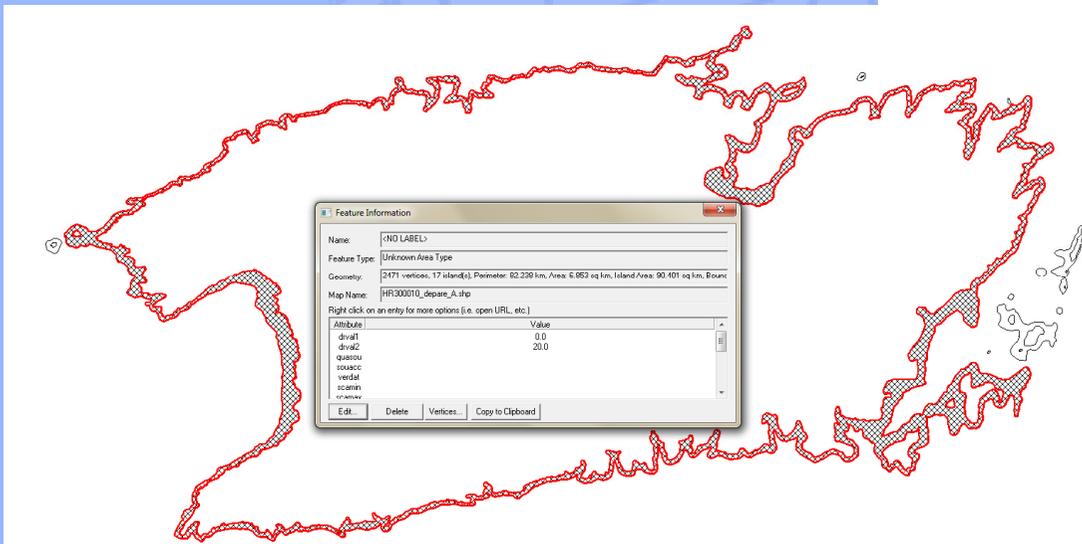
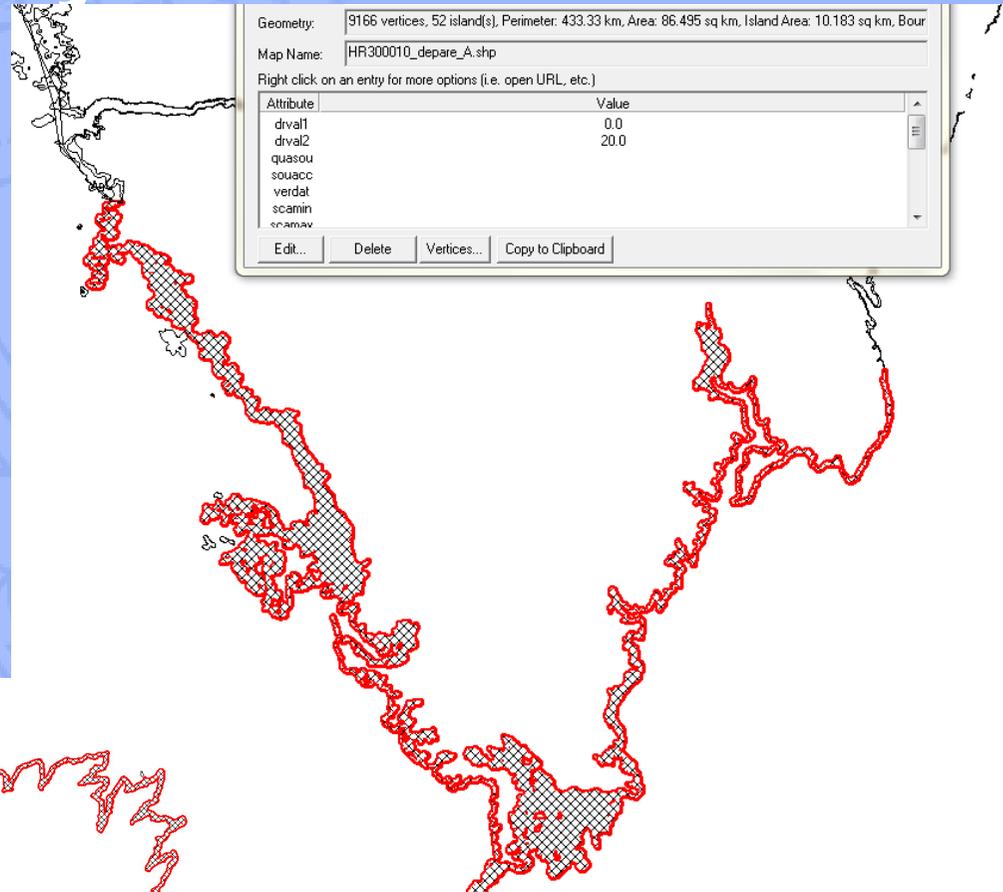
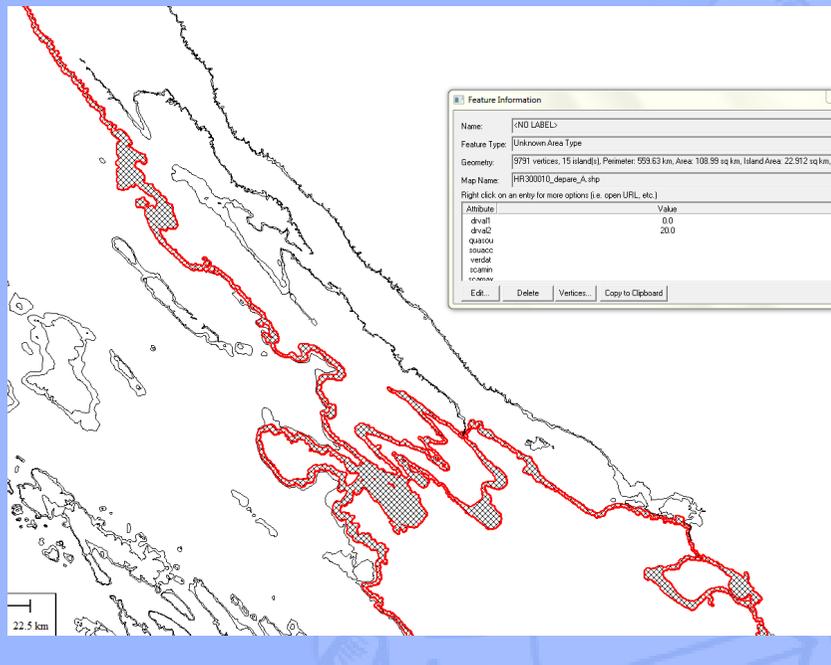


# Croatia



COVERAGE AREA	Depth (m)	Area of interest km <sup>2</sup>	Surveyed multibeam km <sup>2</sup>	To be surveyed %
ADRIATIC SEA	<200	55 395,75	1140	97,94

# Croatia by LIDAR



The area to be covered is about 3 000 km<sup>2</sup> – calculated to 20 m C.L.

# Possible joint /cooperation survey in Adriatic Sea



# France



Total Area = 2900 Km<sup>2</sup>

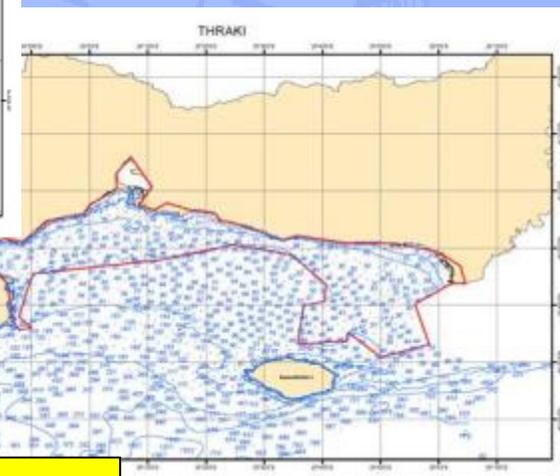
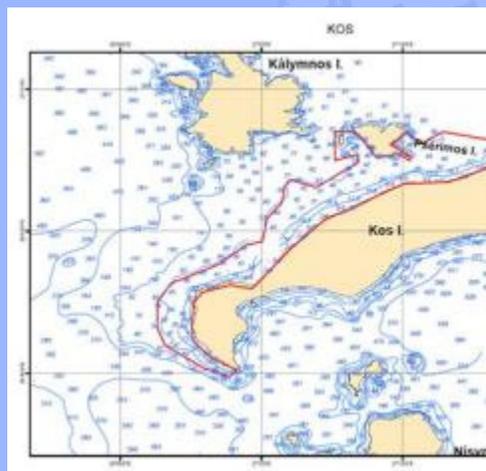
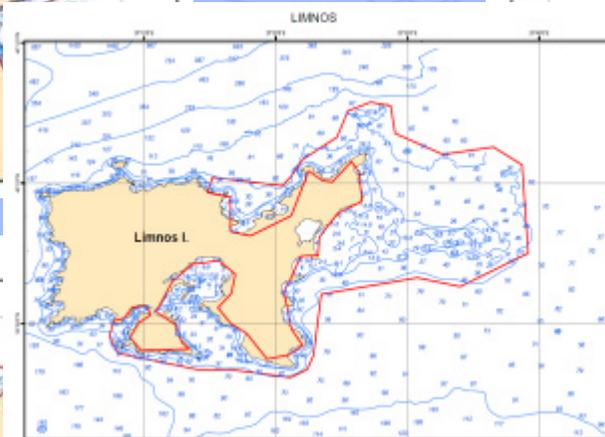
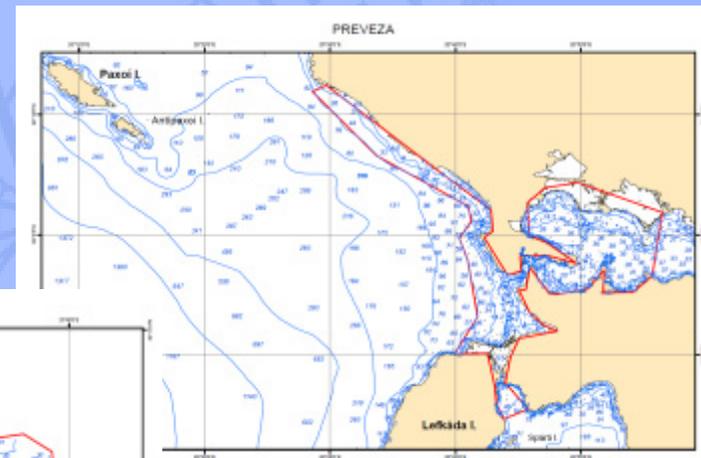
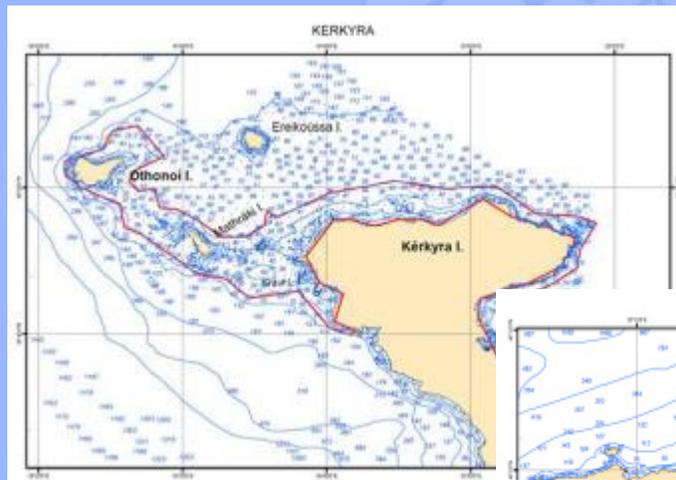
Regions to be surveyed	Area of interest (depths)	Already surveyed (km <sup>2</sup> )	To be surveyed (km <sup>2</sup> )
Occitanie	0 to 10m (Lidar)	480	530
	10 to 50m (MBES)	10	1750
Provence-Alpes-Côte d'Azur (PACA)	0 to 30m (Lidar)	1170	1230
	30 to 50m (MBES)	50	340
Corsica	0 to 30-40m (Lidar)	Running 2018	970 running 2018
	30 to 50m (MBES)		620running 2018
<b>Total</b>			2900

# Greece

## Greek Islands Archipelagos

<i>Suggested Areas</i>	<i>Depths</i>	<i>Surface(km<sup>2</sup>)</i>
<i>Kerkyra</i>	<i>0 to 50m</i>	<i>365</i>
<i>Preveza</i>	<i>0 to 50m</i>	<i>410</i>
<i>Thraki</i>	<i>0 to 50m</i>	<i>2200</i>
<i>Limnos</i>	<i>0 to 50m</i>	<i>625</i>
<i>Kos</i>	<i>0 to 50m</i>	<i>235</i>

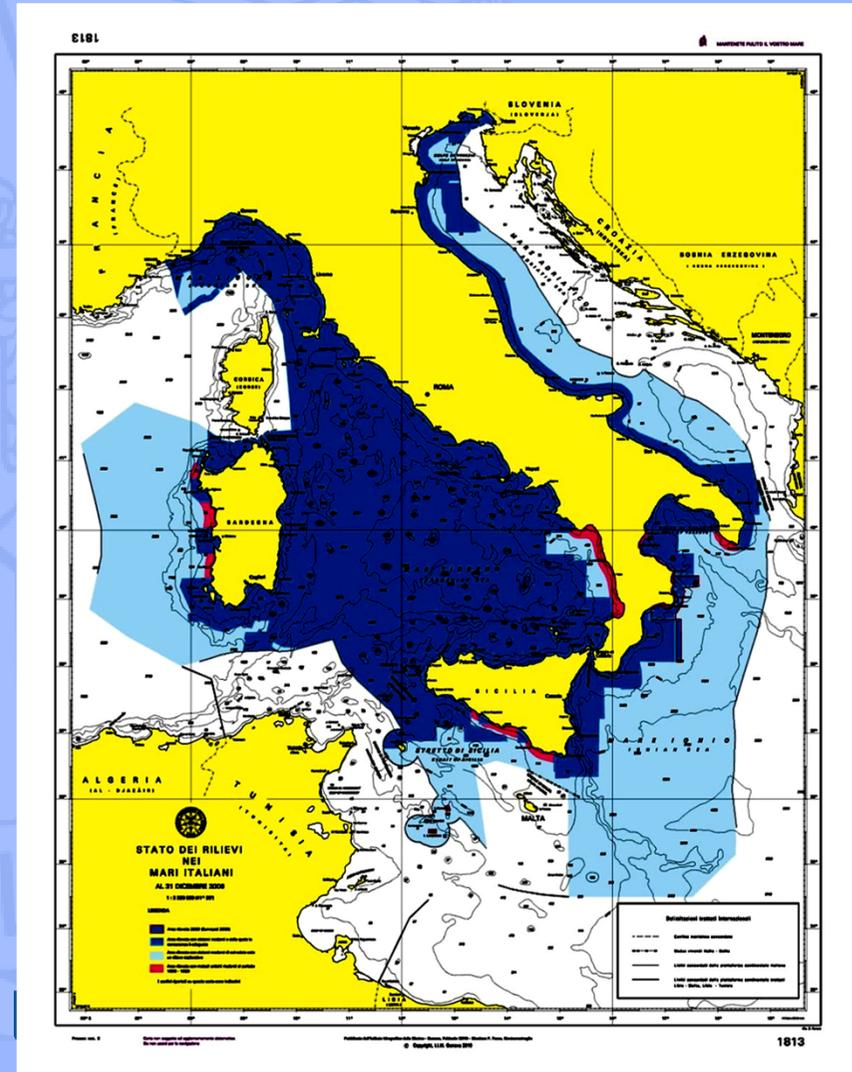
# Greece



**Total Area = 3835 Km<sup>2</sup>**

# Italy

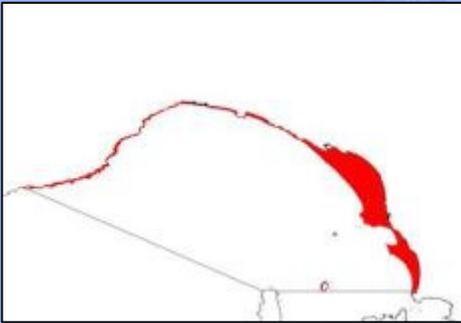
- ❑ Sea Area: 556.218 km<sup>2</sup>
- ❑ Coast line length: 7.800 km
- ❑ Explored area:
  - 2% to be surveyed (before 1920)
  - 48% to be surveyed with modern techniques (between 1920-1970)
  - 50% surveyed with modern techniques (after 1970 – Low density)



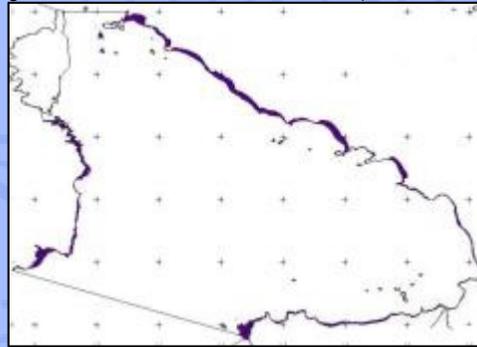
# Italy

**Total Area = 34.724 Km<sup>2</sup>**

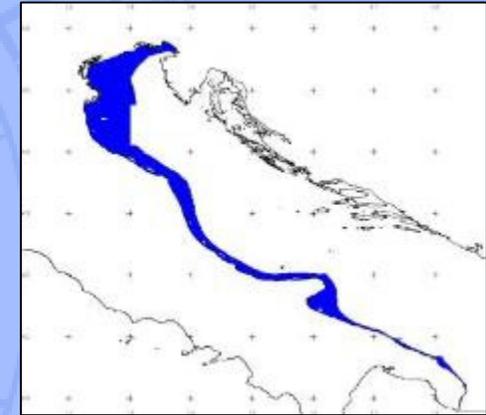
Ligurian Sea (0-50m)



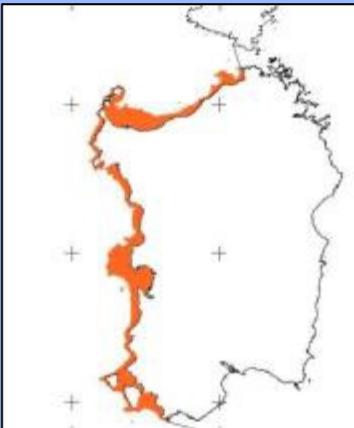
Thyrrhenian Sea (0-50m)



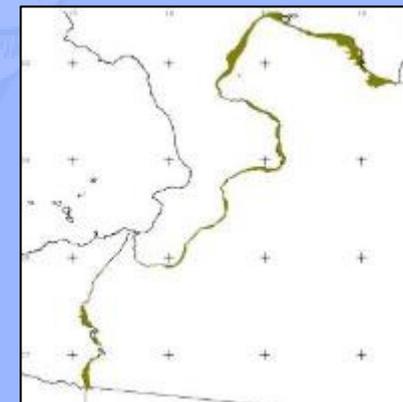
Adriatic Sea (0-50m)



West Sardinian Sea (0-50m)

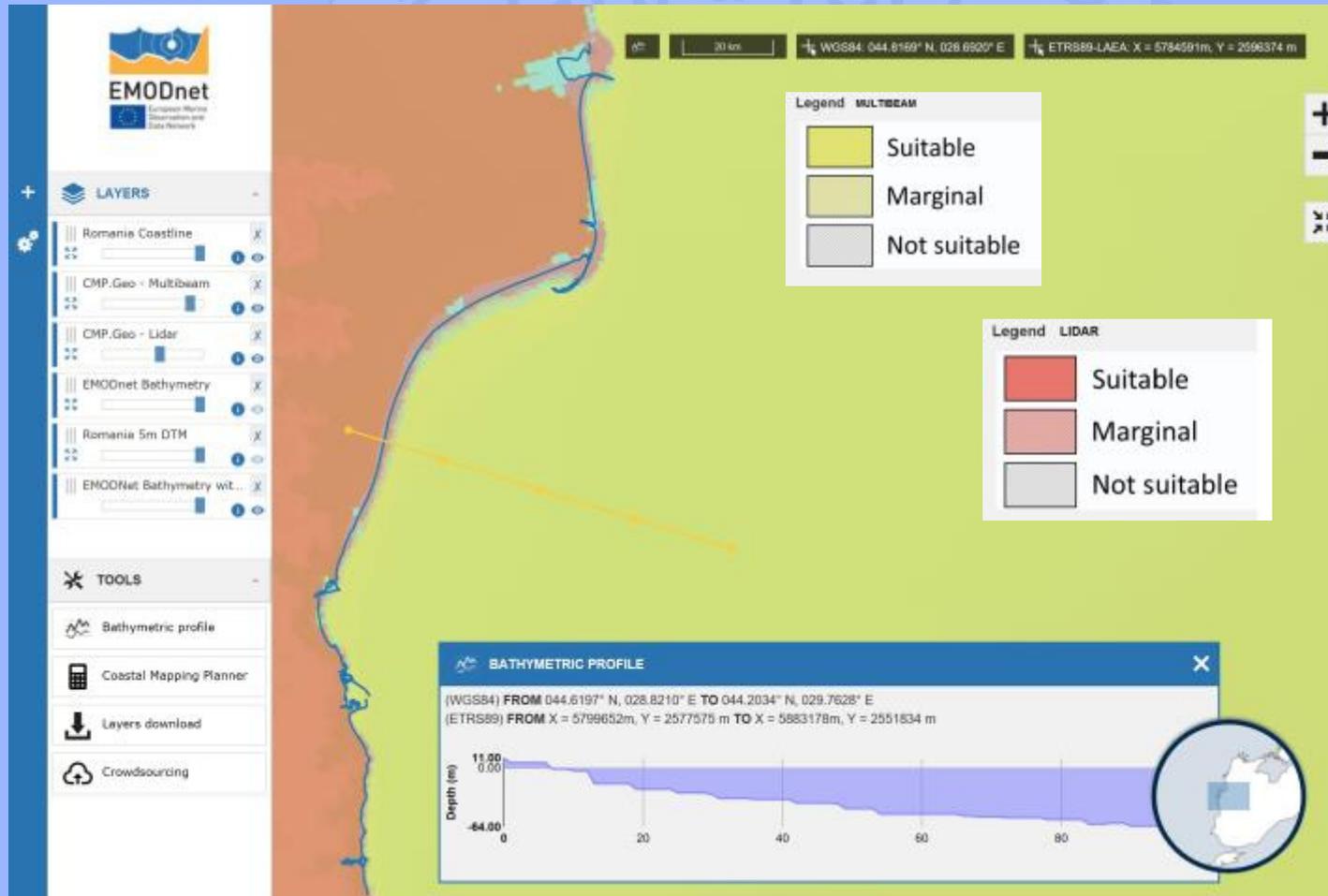


Ionian Sea (0-50m)



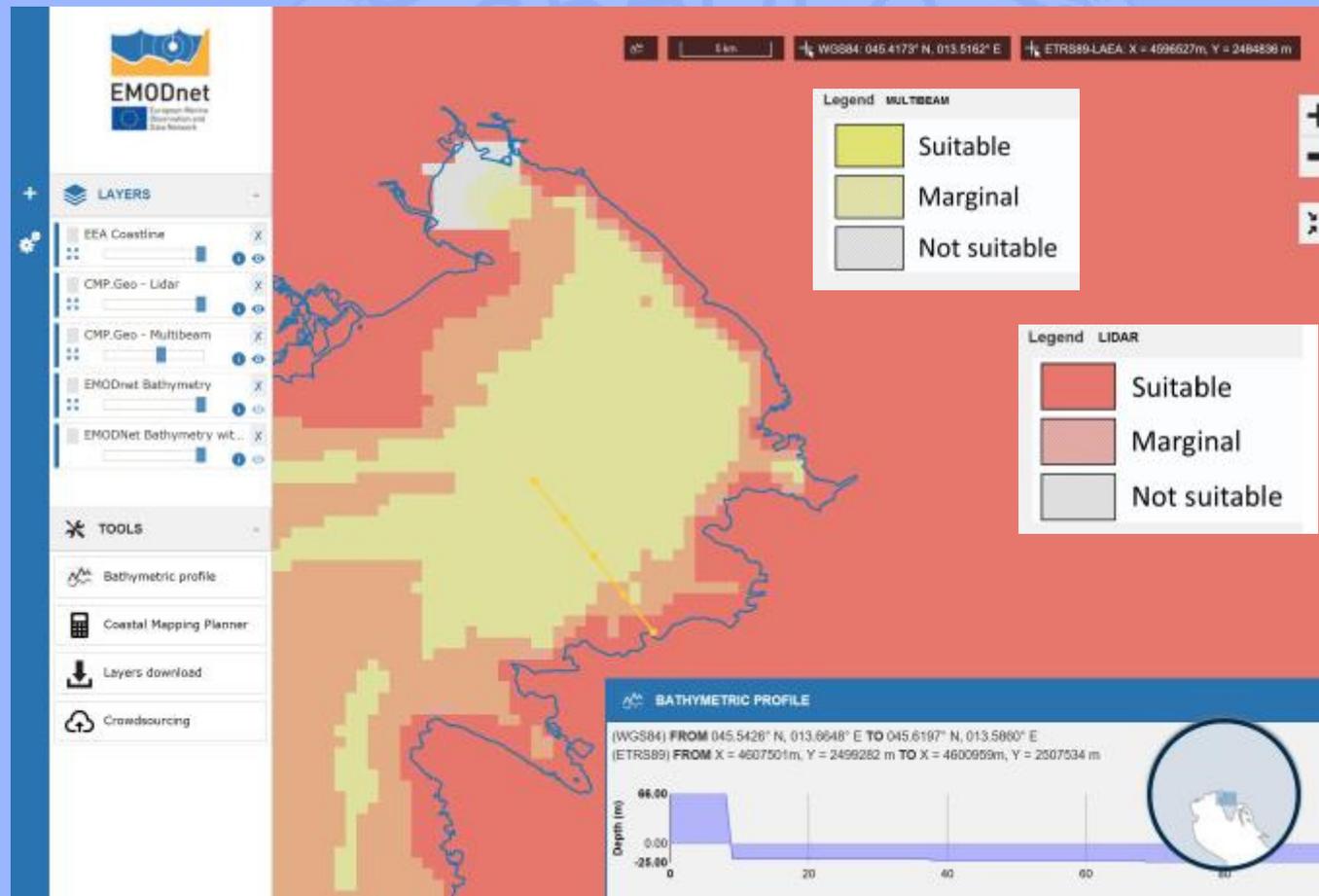
COVERAGE AREA	Depth (m)	Area of Interest KMQ	Surveyed Multibeam KMQ	To be surveyed KMQ	To be surveyed %
LIGURIAN SEA	0-20	1442	16.46	1425.54	98.8
	20-50	1546	12.28	1533.72	99.2
TIRRHENIAN SEA	0-20	2682	257.71	2424.29	90.4
	20-50	4131	213.4	3917.6	94.8
ADRIATIC SEA	0-20	6950	319.46	6630.54	95.4
	20-50	12040	61.41	11978.59	99.4
IONIAN SEA	0-20	815	69.2	745.8	91.5
	20-50	1725	59.75	1665.25	96.5
STRAIT OF SICILIA	0-20	712	123	589	82.7
	20-50	1692	124	1568	92.6
WEST MEDITERRANEAN (SARDEGNA)	0-20	750	17.5	732.5	97.6
	20-50	1583	70	1513	95.6

# Romania



**Enhance data density of 0-15m water depth region, but most probable it has to take into account an onshore buffer zone for Lidar surveying. GIS technology is used and the area to be covered is about **1500 km<sup>2</sup>**.**

# Slovenia



All Slovenian waters can be considered coastal. The area is rather small and shallow (**average 17m**). For this reason all the area should be covered with high resolution data. A 2 km buffer from coastline should be considered as priority area to be surveyed with high resolution data: approximately **92 km<sup>2</sup>**.

The background of the slide features a large, light blue watermark of the official seal of the Istituto Idrografico della Marina Italia. The seal is circular, with a rope-like border. Inside the border, the text "ISTITUTO IDROGRAFICO DELLA MARINA" is written in a circular path at the top, and "ITALIA" is at the bottom, flanked by two stars. The central part of the seal depicts a compass rose with a hand holding a pencil, symbolizing hydrography and navigation.

## INTERREG PROJECT

<https://www.google.com/maps/d/viewer?mid=1Os6nnSbl7-IAGvdIYYqTgNK3mgI&ll=43.09973726849616%2C8.099400741210956&z=7>

# INTERREG VA Italy-Croatia

← Italy-Croatia

name

Italy-Croatia

Budget

There is a 51,346,091.00 budget for Priority Axis 2 and 70,475,027.00 for Priority Axis 3.

**Coastal Mapping and Data in the Programme**  
Coastal mapping activities are included in 2 different priority axis of the Programme:

- PRIORITY AXIS 2 - Safety and resilience - has 2 specific objectives with a coastal mapping and data dimension:

Specific Objective 2.1 - Improve the climate change monitoring and planning of adaptation measures tackling specific effects, in the cooperation area - will support actions:

- Aimed at improving the knowledge base, data and monitoring systems supporting adaptation capacity;
- Actions aimed at increasing the capacity for planning of adaptation measures

These actions could consist in setting up of common/ integrated/ harmonized monitoring and observing systems, model, spatial data infrastructures to improve the assessment and forecast capabilities, support the planning and design phase, promote the resilience to climate change

Specific Objective 2.2 - Increase the safety of the Programme area from natural and man-made disaster - will support activities aimed at:

- Improving monitoring of risks
- Increasing the management capacity of / prompt response to disasters



# INTERREG VA Italy-France Marittimo

## ← France-Italie Maritime

name

France-Italie Maritime

Budget

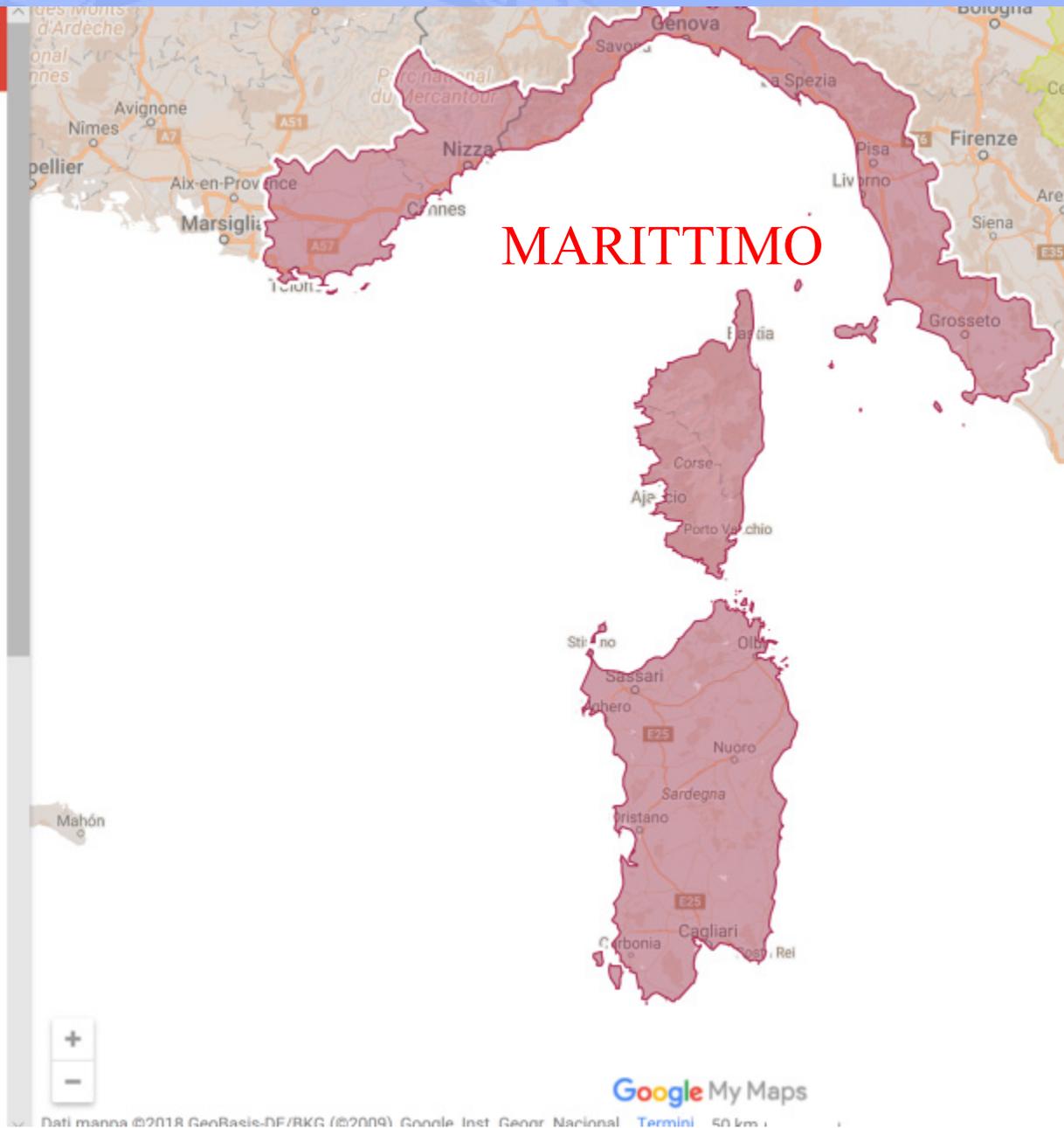
The ERDF contribution for Priority Axis 2 is 82900000 (48,88% of the ERDF for the Programme). The thematic objectives 2.1 and 2.2 share 44600000.

### Coastal Mapping and Data in the Programme

Priority Axis 2 - Protection and valorization of natural and cultural resources and risk management - Improve the capacity of public institutions to anticipate and manage, jointly, certain specific risks arising from climate change: hydrological risk, particularly related to flooding, coastal erosion, fires.

In the framework of this specific objective, the Programme could support actions on:

- Governance: strengthening the skills of public actors on adaptation to risks and civil protection. It could result in:
- Joint action plans for adaptation to climate change in coastal areas, including enlargement, integration and exchange of good practice regarding the monitoring of natural hazards as well as exchanges between civil protection agencies, in accordance with the Bologna Charter and within the framework of Directive 2014/89 / EU on maritime spatial planning (construction of a network of collaboration between existing coastal observatories, quantitative monitoring of the state of phenomena erosion and risks of coastal flooding along coastlines, sustainable use of coastal sedimentary deposits and submarines).
- Joint emergency plans, including the exchange of



# INTERREG VB – Adriatic and Ionian Sea

← Adriatic and Ionian

Name of the Cooperation Programme  
Adriatic and Ionian

Budget  
45.472.376 for the Priority Axis 2

## Coastal Mapping and Data in the Programme

The Priority Axis 2 (Sustainable Region) has 2 Specific Objectives: 2.1 (Promote the sustainable valorisation and preservation of natural and cultural heritage as growth assets in the ADRION area) 2.2 (Enhance the capacity in transnationally tackling environmental vulnerability, fragmentation, and the safeguarding of ecosystem services in the ADRION area). The first one mainly looks at developing tourism related activities and aims to valorise the coasts and sea in the Region. The second specific objective offers opportunities for coastal mapping activities in the Region. It aims to contribute to increase availability of data and information for delivering evidencebased responses through interoperability and systematic monitoring. Among the actions listed by the programme that could be supported many are in relation with mapping activities, such as:

- Enhancement and complement of transnational frameworks and platforms for the interoperability of existing databases, promotion of data availability, observatory functions and the integration of management approaches (hazard and risk assessment, planning methodologies, management plans, sustainability and adaptation assessments etc.) especially in coordination with the EU Civil Protection Mechanism and related IPA initiatives on civil



# INTERREG VB – Mediterranean

← Mediterranean

Name of the Cooperation Programme

Mediterranean

Budget

89.729.012 for the Priority Axis 3 which represents 34% of the Budget of the Programme

Coastal Mapping and Data in the Programme

Priority Axis 3 - Protecting and promoting

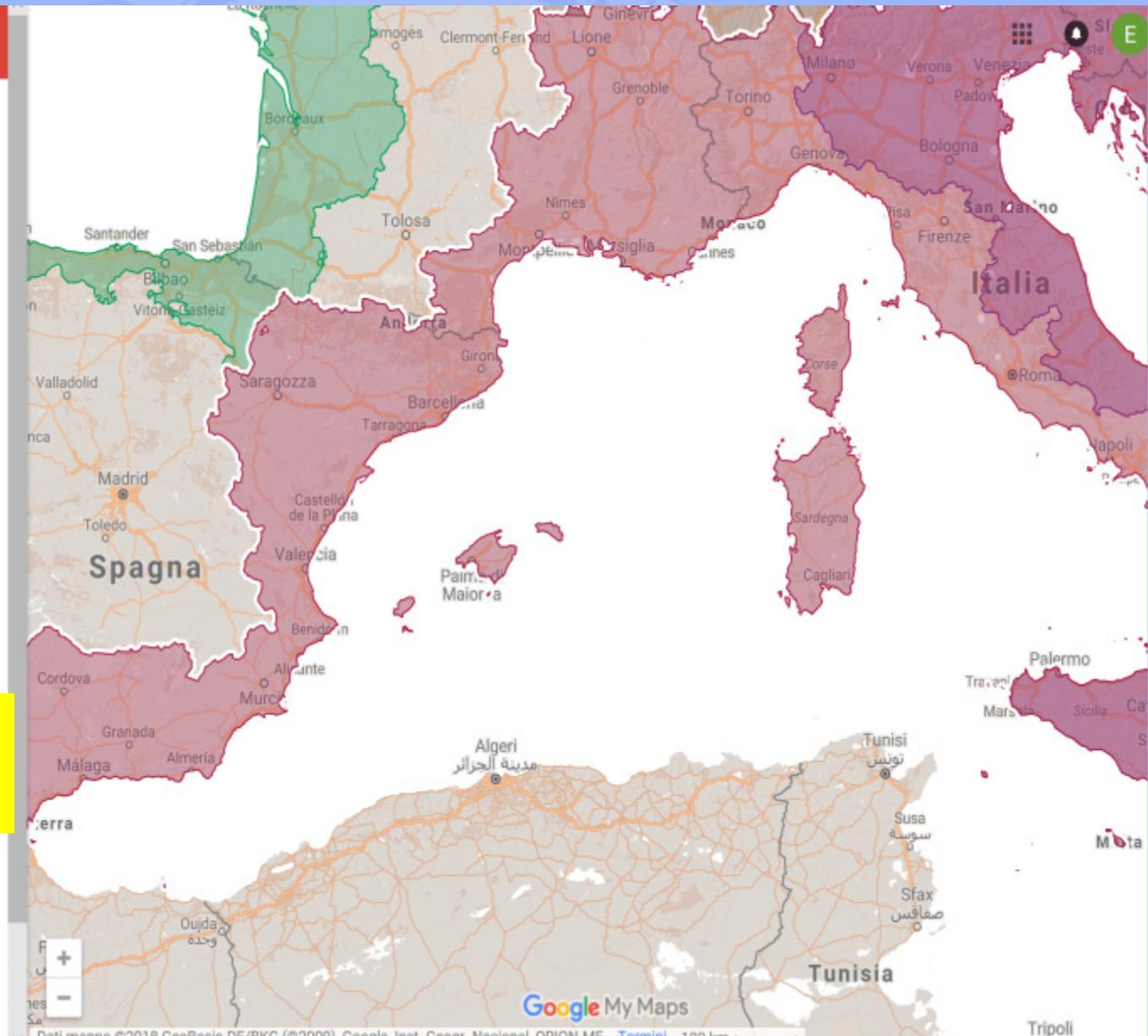
Mediterranean natural and cultural resources - has 2 Specific objectives 3.1 (Strengthening the sustainable development of the coastal and maritime tourism in the Mediterranean) and 3.2 (Preserving biodiversity and natural ecosystems by reinforcing management measures and developing the network of protected areas). This second objective aims to define common approaches and strategies at transnational level. It will imply to study and map specific categories of ecosystems and the main threats they face in order to enhance their management and protection.

INTERREG VB – Mediterranean Activities related to coastal data and mapping

The 3 other priorities of the programme will need coastal data and mapping in order to reach some of their objectives:

Priority Axis 1 - Smart and Sustainable Growth - covers blue growth related activities (with an extended approach including the whole spectrum of maritime activities).

Priority Axis 2 looks at the energy in the Mediterranean, including marine renewable energies which will be supported in the energy mix strategies.





## Maritime Spatial Planning (MSP)

<http://www.msp-platform.eu/msp-practice/msp-projects>

# BLACK SEA

Funding Programme	Black Sea	Country
Ongoing	-Year	
Keywords/Project/Title of Practice/Description	Alphabetical Order	
<input type="button" value="Apply"/>	<input type="button" value="Reset"/>	

5 Projects

## GOFORIT

The project investigates four economically important fish species from the North and South of Europe: North Sea sandeel, Icelandic capelin, Black Sea anchovy and Black Sea sprat.

## MARSPLAN BS

The MARSPLAN BS Project aims to support the implementation of the EU Directive for Maritime Spatial Planning in the Black Sea Basin, starting with its Member States, Romania and Bulgaria.



## MODELING OF PROCESSES AND PHENOMENA AT SEA-LAND-ATMOSPHERE INTERFACE AND THE EVALUATION OF THEIR IMPACT ON MARINE AND COASTAL ENVIRONMENTM

The main objectives of the project are:

## SKYFISH

The SkyFISH project aims to create a dedicated web-based service model for end-users in fisheries which can help fishermen in taking decisions when choosing the most favourable fishing zones.

## TRASIPESC

Food safety remains a critical issue with outbreaks of foodborne illnesses resulting in substantial costs to individuals, the food industry and the economy.

# EASTERN MED

Funding Programme	Eastern Med	Country
Ongoing	-Year	
Keywords/Project/Title of Practice/Description	Alphabetical Order	
Apply	Reset	



8 Projects

<b>AMARE</b> The project aims to develop shared methodologies and geospatial tools for multiple stressors assessment, coordinated environmental monitoring, multi-criteria analyses and stakeholders' engagements + to develop concrete pilot actions and coordinated strategies in selected Marine Protected Areas (MPAs) to solve hot spots of conflicts affecting marine	<b>BLUEMED</b> The BLUEMED initiative fosters integration of knowledge and efforts to develop the Blue Growth in the Mediterranean basin, promoting joint actions on relevant research and innovation priorities. Its Agenda (SRIA) identifies three major groups of twelve key challenges that need to be addressed, as well as a set of goals and a wide list of actions to achieve those goals.	<b>CAMP</b> CAMP is oriented at the implementation of practical coastal management projects in selected Mediterranean coastal areas, applying Integrated Coastal Zone Management (ICZM) as a major tool.
<b>CO-EVOLVE</b> CO-EVOLVE aims to analyse and promote the co-evolution of human activities and natural systems in touristic coastal areas in the Mediterranean, allowing for the sustainable development of touristic activities, based on the principles of integrated	<b>MANTIS</b> Demersal stocks in the Mediterranean Sea are affected by overfishing and a poor exploitation pattern, with high juveniles fishing mortality and high production of discards.	<b>PANACEA</b> The objective of PANACeA is to streamline networking and management efforts in Mediterranean Protected Areas (PAs) as a mechanism to enhance nature conservation and protection in the region. The project aims to ensure synergies between relevant Me
<b>PROTOMODEA</b> The ultimate goal of the project is to design a Marine Protected Area (MPA) network in the study areas (Greece and Cyprus), taking into account the protection of ecological characteristics and Essential Fish Habitats (EFH), significant areas for f	<b>SUPREME</b> Objectives include the implementation of MSP in EU Member States, developing specific criteria and indicators to evaluate the MSP process at different scales and at different stages and launching and carry out concrete and cross-border MSP initiative between Member States.	

# WESTERN MED

Funding Programme	Western Med	Country
Ongoing	-Year	
Keywords/Project/Title of Practice/Description	Alphabetical Order	
Apply	Reset	



7 Projects

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<b>SIMWESTMED</b> SIMWESTMED focuses on two key objectives: supporting the implementation of Maritime Spatial Planning in EU Member States, and launching and carry out concrete and cross-border MSP initiatives between Member States.		

# ADRION.HINTECOS

(HUMAN IMPACTS ON SEA-FLOOR INTEGRITY AND ECOSYSTEMS IN THE ADRIATIC-IONIAN SEAS)



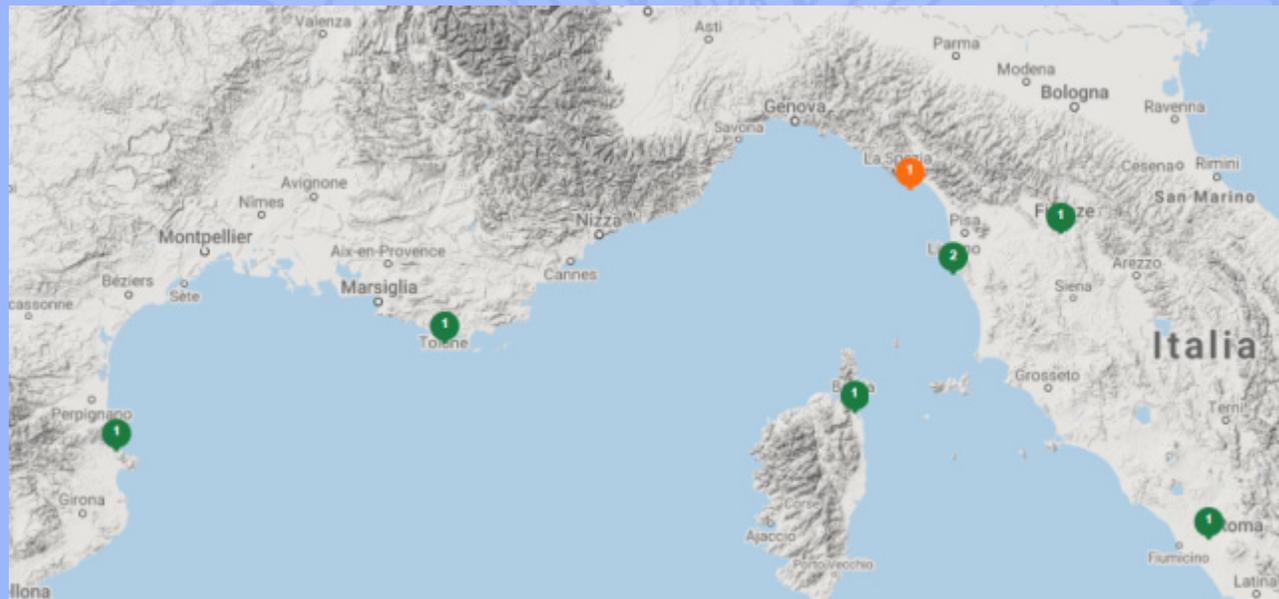
Submission by the end of March



ADRION covers eight Partner States, of which four are EU Member States (**Croatia, Greece, Italy** and **Slovenia**), three are candidate countries (**Albania, Montenegro, Serbia**) and one is a potential candidate country (**Bosnia and Herzegovina**). The geographical area of each Partner State covers its national territory except for Italy, where programme area covers 12 regions and 2 provinces.

2014 - 2020 INTERREG V-A Italy - France (Maritime)

## **IMPACT Project – Port Impact on Protected Marine Areas: Cooperative Cross-Border Actions**



# AMARe

(ACTION FOR MARINE PROTECTED AREAS)



Status Ongoing  
Completion Year 2019

## COUNTRIES

*France*  
*Greece*  
*Italy*  
*Malta*  
*Spain*

