

ADRIATIC+ PROJECT

*Sharing Marine and Coastal
cross management experiences in the Adriatic basin*

SHAPE PROJECT

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General information:

- **SHAPE - Shaping an Holistic Approach to Protect the Adriatic Environment: between coast and sea**

- IPA Adriatic: March 2011 – February 2014,
 - Priority 2: Natural and Cultural Resources and Risk Prevention
 - Measure 2.1.: Protection and enhancement of the marine and coastal env.
- Budget: 4.139.170,00 €
- Partners (12), Associates (6).

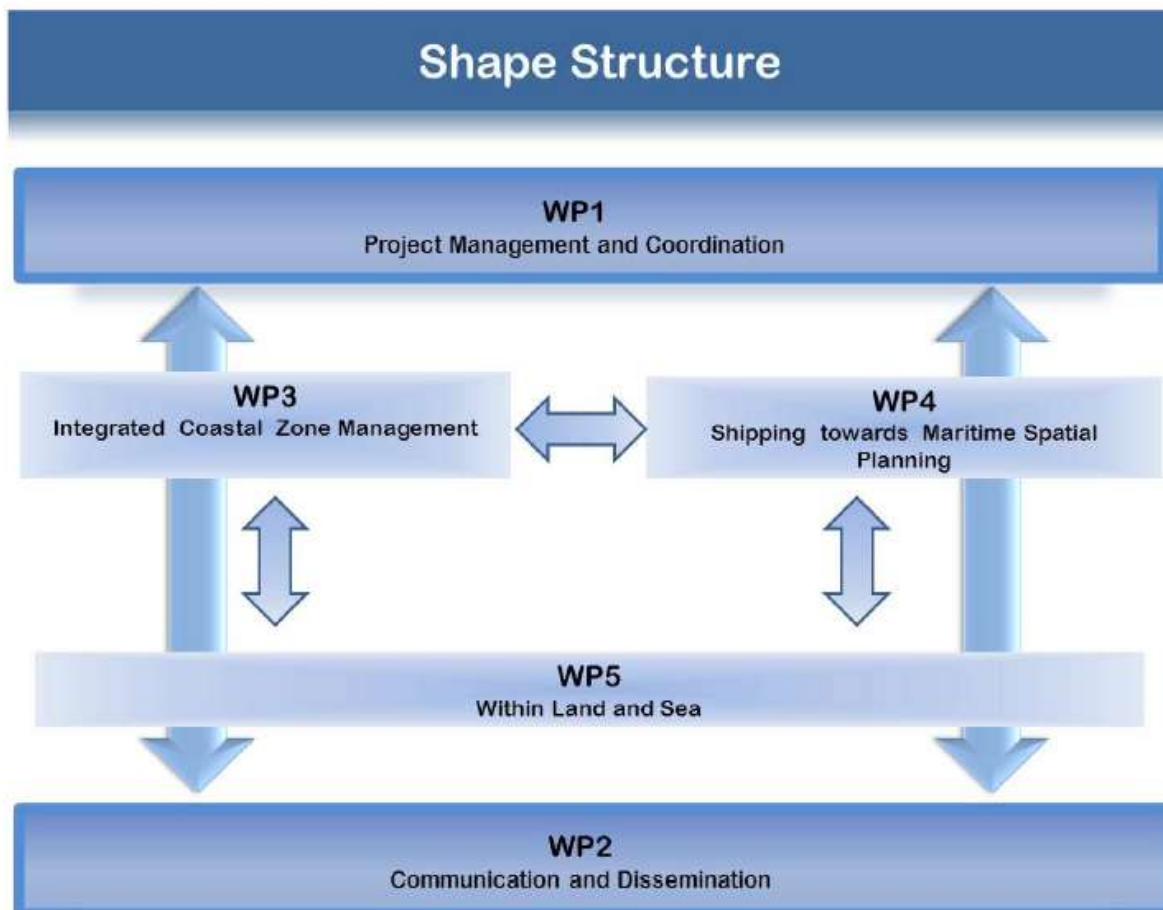


Background

- **SHAPE – strategic objective: Multilevel and cross-sector governance system: integrated management, risk prevention, conflicts resolution**
- Growing pressures:
- Growing attention to development/ environmental issues,
- Policy level: New tools available: ICZM, MSP,
- **SHAPE: development, testing, pilot application, promotion of tools among Adriatic partners**



Shape project structure

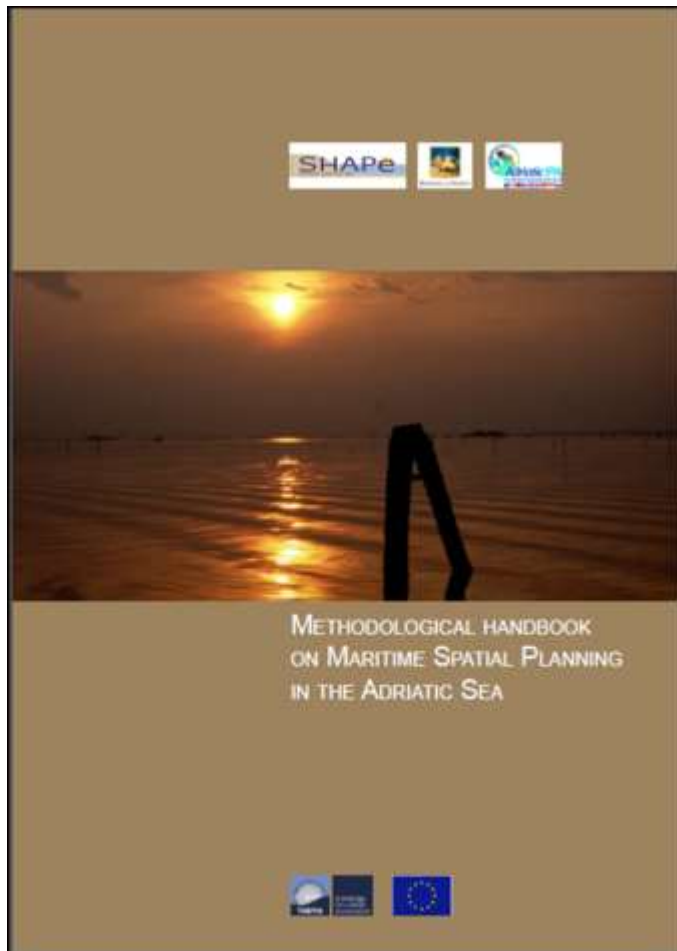


Shape wp3

- Defining the setback zone: explanatory report on Art. 8 of ICZM Protocol as reference for partners to develop **local pilot actions** to test implementation & applicability of Protocol provisions.
- Institutional Coordination:
explanatory report on Art. 7 to elaborate a draft proposal for a common governance framework for ICZM at Adriatic level, gathering partners contributions and proposals
- National ICZM strategies – Guidelines



Shape project – WP4



Act. 4.1 – Holistic management of the Adriatic Sea. Bridging the gap between EU Policy tools (WFD, ICZM, Natura 2000, Marine Strategy, MSP, IMP) and legal framework;

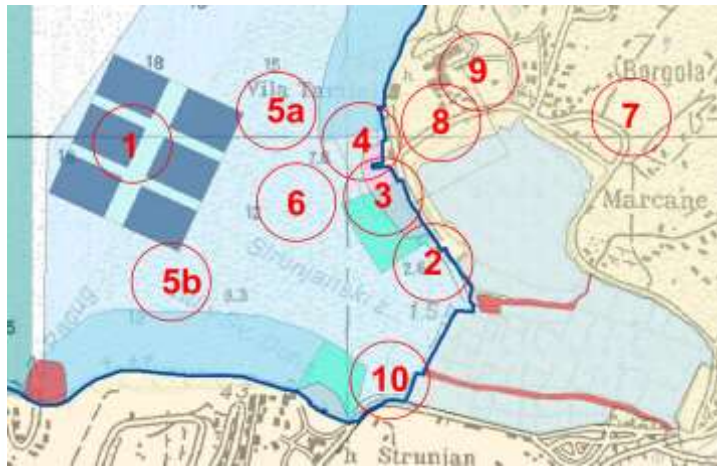
Act. 4.2 – Define the ecosystem as the quality basis of MSP;

Act. 4.3 – MSP in the Adriatic: problem analysis and thematic mapping;

Act. 4.4 – Pilot project on MSP; integrating MSP and ICZM

Act. 4.5 – Common methodology for MSP at local scale in the Adriatic.

Slovenia: Strunjan WP4 Pilot Project



Problems

Marine/Land use

1. Aquaculture – location, size, marine use
2. Fishery – lack of infrastruktura
3. Beach – access
4. Nautical infrastructure
5. Navigation strait
6. Marine public transport – no access
7. Spatial development/visual degradation
8. Parkings – conventional and alternatives
9. Tourist infrastructure – impacts
10. Road close to the sea





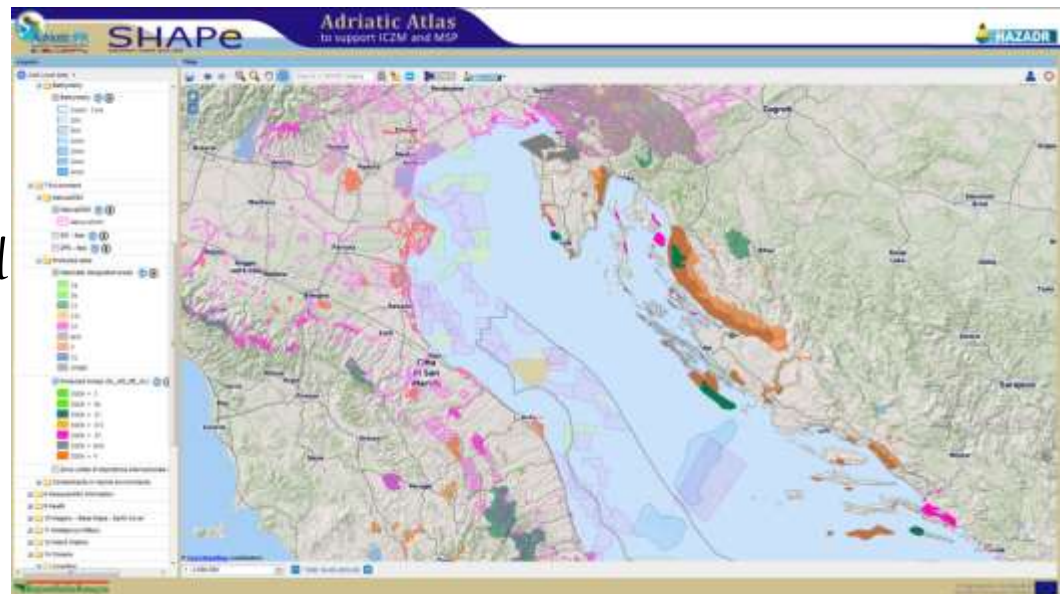


Slovenia: Strunjan WP4 Pilot Project



Shape project – WP5 Within Land and Sea

- An integrated tool that gathers all the available data, both at basin and at local scale, able to support planning processes to implement ICZM & MSP
- The Atlas is being constantly updated, and further developed by other projects with new thematic layers



- **WP 5.1:** Definition of most relevant topics and data supporting ICZM and MSP in the Adriatic
- **WP 5.2:** Design and/or implementation of Informative System oriented to support ICZM and MSP at basin and regional scale
- **WP 5.3:** Designing and implementing an experimental GIS Atlas of the Adriatic Sea Region
- **WP 5.4:** Pilot Actions: Shape partners have identified specific items which need an in-depth examination at regional scale and on which carry out specific pilot projects
- **WP 5.5:** Collection and assessment of data on current policy and planning tools on ICZM and MSP in the Adriatic Basin

Shape project – WP5 Within Land and Sea

GIS Atlas of the Adriatic Sea Region

Layers

▾

☐ Bing Aerial

☐ Bing Hybrid

☐ Bing Road

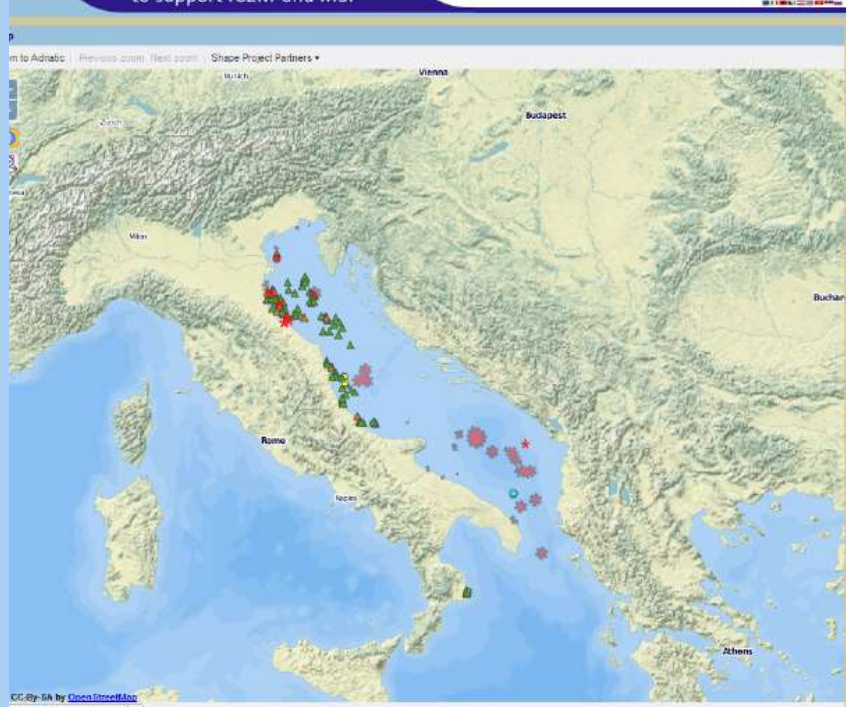
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☒ Open Street Map (GeoFabrik)

TOPIC CATEGORIES

- 1 Aquaculture facilities
- 2 Biota
- 4 Climatology - Meteorology
- 5 Economy
- 6 Elevation
- 7 Environment
- 8 Geoscientific Information
- 9 Health
- 10 Imagery - Base Maps - Earth Cover
- 11 Intelligence Military
- 12 Inland Waters
- 14 Oceans
- 15 Planning-Regulation zone
- 17 Structure
- 18 Transportation
- 19 Utilities Communication

Adriatic Atlas
to support ICZM and MSP



Layers

▾

TOPIC CATEGORIES

- 1 Aquaculture facilities
 - ☒ Farm and natural areas
 - ☒ Harvesting areas
 - ☐ Closed area
 - ☐ Zone A
 - ☐ Zone B
 - ☐ Zone C
 - ☐ data unknown
 - ☒ Marine farm
 - ☐ Mariculture
 - ☐ Shellfish farms
- 2 Biota
 - ☐ Biogeographical regions
 - ☐ Biogeographical regions
 - ☐ Marine habitat
 - ☐ Artificial reefs
 - ☒ Biologic Protection Zone - BPZ
 - ☐ Biologic protection zone
 - ☒ Posidonia settlements
 - ☐ Dead Posidonia
 - ☐ Posidonia of Posidonia and her
 - ☐ Posidonia on asphalt

been co-funded by the European Union, Instrument for Pre-Accession Assistance

- Pilot action 5.4.1: **Sediment stock characterisation**
(LB Emilia-Romagna, B1 Veneto and B9 Abruzzo);
 - Offshore sediment stock characterisation (Emilia-Romagna Region);
 - Characterization of sediment deposits (Veneto Region);
 - Physical-chemical characterization of submerged beach for the management and reuse of coastal sediments (Abruzzo Region).
- Pilot action 5.4.2: **Environmental data collection and organization** (B6 Istra, B11 Marche);
 - Data concerning marine and coastal habitats (Istran Region);
 - Environmental data collection and organization (Marche Region).
- Pilot action 5.4.3: **Developing the monitoring system with the reliable marine and terrestrial data** (B4 ECAT Tirana, B11 Marche):
 - Beach survey with LIDAR (Region Marche);
 - Implementation of GIS tool to support ICZM and MSP on local level.

Thank you for your attention!

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