

## Co-Evolve WP4 - testing

# Taking stock of testing activities in CO-EVOLVE Pilot Areas



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Co-Evolve WP4 Leader

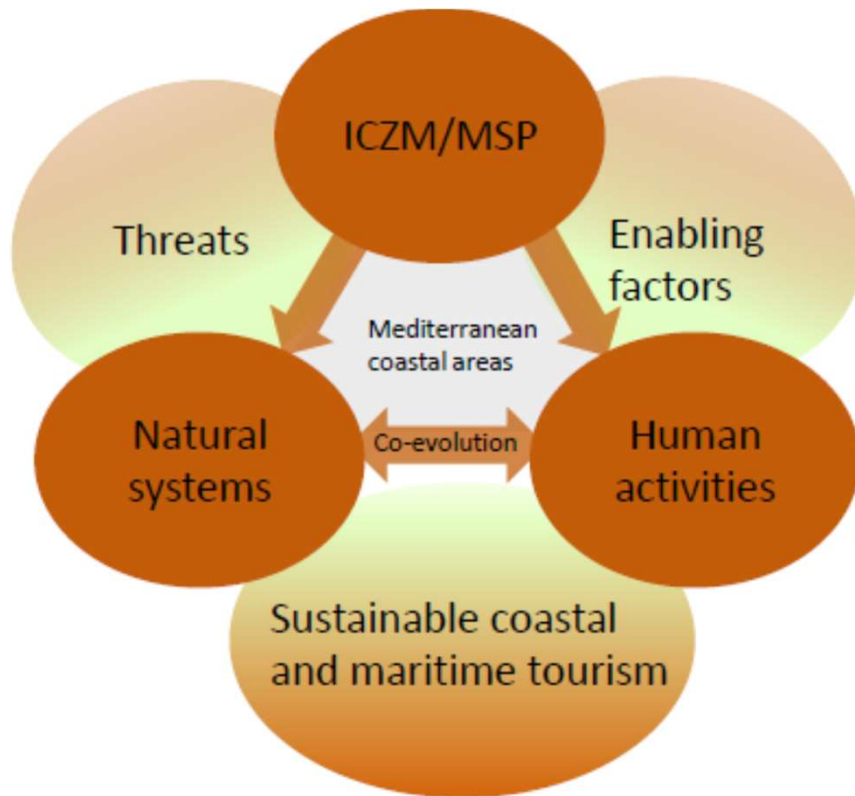
Soil and Coast Protection and Land reclamation Service



**Interreg MED - Sustainable Tourism**

Co-Evolve EU Dissemination Event - 05 June 2019  
Alimara Hotel - Barcelona

# Concept and aim of CO-EVOLVE project



*CO-EVOLVE aims at analyzing and promoting the **co-evolution of human activities and natural systems processes in touristic coastal areas**, favoring the development of a **sustainable tourism** based on the principles of the Integrated Coastal Zone Management (ICZM) and the Maritime Spatial Planning (MSP)*

## Timetable and WPs of Co-Evolve

		2016		2017												2018												2019											
		Nov	Dec	Jan	Feb	Mar	Apr	Maj	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Maj	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Maj	Jun	Jul	Aug	Sep	Oct		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36		
WP1	Project management	REMTH (LP/WP leader)																																					
WP2	Communication	CPMR-IMC (WP leader)																																					
WP3	Studying	ISMAR-CNR (WP leader)																																					
WP4	Testing	EMILIA-ROMAGNA (WP leader)																																					
WP5	Transferring	PAP/RAC (WP leader)																																					

Nov 2016

### WP3: analysis at Med scale

- Threats and Enabling factors for Sust.Tourism
- Sustainability toolkit

### WP3: analysis on Pilot areas

- Threats and Enabling factors for Sust.Tourism at local scale e
- Strategic planning

Feb 2018

WP4 Training

### WP4 aims

Implementation of actions in Pilot areas (Testing phase)

### WP4 approach

Participatory Processes, local actors and stakeholders

### WP4 outputs

Action Plans, tools, local investments, for Sustainable Tourism development

May 2019

Oct 2019

### WP5

Transferability plans/ at regional scale and Med scale

# Pilot Areas distribution and identification



## AREAS

1. **Alexandroupoli/ Makri area & Thassos/ Keramoti area**
2. **Cattolica (RN) port of Cattolica & Comacchio-Lido di Spina (FE- Po Delta park RER)**
3. **Rosolina Mare area & Polesine Camerini Delta Po area**
4. **Port of Valencia**
5. **Maguelone/Frontignan area & Vias/Vendre Orb Delta area**
6. **Kaštela bay (SD County)**
7. **Neretva Delta (DN County)**



## TESTING ACTIVITY - Overview on CO-EVOLVE Pilot Areas outcomes

Pilot Area #1	A1
Name	Alexandroupoli - Makri
Country	Greece
Responsible partner	REMTH
Reference map	 

**Descript** Urban and suburban coastal area and port next to a Natura 2000 site, protected area.  
**Problem** Pressure for littoralization, urban expansion along the coast, erosion issues connected to the port construction and expansion, tourism low performance.  
**Objective** Urban redevelopment of the coastal front in order to attract local and international tourism.

Pilot Area #1	A2
Name	Keramoti
Country	Greece
Responsible partner	REMTH
Reference map	 


**Descript** Popular tourist destination receiving “sea and sun” tourism, ports connecting the island of Thasos to the mainland. Keramoti village inside Natura 2000 protected area of River Nestos Delta.  
**Problem** Erosion issues linked with the River Nestos Delta retreat. Pollution issues linked with the road and marine traffic towards Thasos island.  
**Objective** Diversification of the “tourism product”, promotion of ecotourism activities.



### MSP-ICZM Local Plan focused on achieving sustainable tourism

Preparation of studies for selected actions according to the existing planning (in both areas)

## TESTING ACTIVITY - Overview on CO-EVOLVE Pilot Areas outcomes

Pilot Area #2	2-A
Name	Port of Cattolica (Rimini Province)
Country	Italy
Responsible partner	RER
Reference map	

**Descript** Urbanised coastal area with multipurpose river harbor (fishery, shipyard, crafts production, pleasure boats Marinas) and seaside resort structured with bath-house facilities.

**Problem** Silting of the internal harbor area, from river solid transport, and of the harbor mouth, from the sea solid transport.

**Objective** Solution for navigation safety and fruition, achievement of sustainability conditions and re-launch of Cattolica harbor.



**Action Plan for the re-launching of the port area / attractiveness-safety-sustainability-waste management**

**Small Scale Investment:** installation of a jet-suction ejector system for sea bed sustainable management

Pilot Area #2	2-B
Name	Comacchio, Lido di Spina (Ferrara Province)
Country	Italy
Responsible partner	RER
Reference map	

**Descript** Beach area with abandoned bath-house facilities (recently demolished by the Municipality) in Lido di Spina seaside resort.

**Problem** Physical and Social degradation of the area, degraded dune system, degradation of the beach and of the waterfront.

**Objective** Requalification, use for public interest, increase of attractiveness, re-launch the area for sustainable tourism.

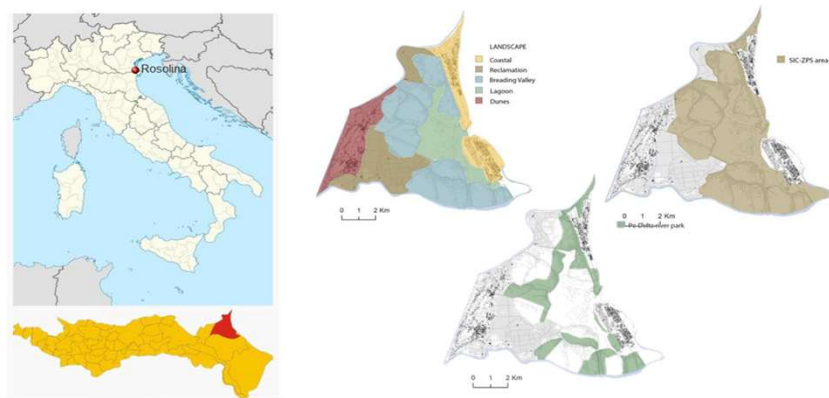


**Action Plan for the requalification and sustainable fruition / accessibility and re-launching of the area**

**Small Scale Investment:** restoration of the beach-dune system and catwalk installation

## TESTING ACTIVITY - Overview on CO-EVOLVE Pilot Areas outcomes

Pilot Area #3	3-A
Name	Rosolina Mare
Country	Italy
Responsible partner	Veneto Delta Po Park Authority
Reference map	



<b>Descript</b>	Site is located in Rosolina Mare (Rosolina Municipality), in the Po Delta area, natura 2000, SIC-ZPS area.
<b>Problem</b>	Touristic pressure, with 1 million annual presences, during high season (summer months) focused on the seaside areas.
<b>Objective</b>	Reduce the pressure on the environment during the high season and extend the sustainable tourist offer all-year round.



**Formulation of guidelines** for sustainable accommodations in natural areas camping villages  
**Small Scale Investment:** installed a NZEB (Net Zero Energy Building) prototype bungalow as demonstrator

Pilot Area #3	3-B
Name	Polesine Camerini
Country	Italy
Responsible partner	Veneto Delta Po Park Authority
Reference map	





<b>Descript</b>	Lagoons and wetlands and a no longer working Enel Power Station agricultural zones close to the river, located within PoDelta Park
<b>Problem</b>	Conflicts between the mono functional industrial area assets and the to Po Delta Park high value environmental area (MAB UNESCO).
<b>Objective</b>	Requalification of the infrastructures to enhance the quality of the area for sustainable touristic and environmental purposes.



**Creation of an Environmental Observatory and a planning center** for sustainable tourism in the natural area, conservation and protection of environment



## TESTING ACTIVITY - Overview on CO-EVOLVE Pilot Areas outcomes

<b>Pilot Area #4</b>	<b>4-A</b>
Name	Port of Valencia
Country	Spain
Responsible partner	Valenciaport Foundation
Reference map	
	
	

### Descript

The port is one of Valencia's most important institutions for both the city and the region. It registered an important development and growth in commercial shipping and touristic cruising in the last decades.

### Problem

Significant economic impact with a feedback effect on the tourist sector but also has an environmental impact and several pressures coming from society.

### Objective

Improve governance and facilitate the mainstreaming into public action of the guiding principles set out in the sustainable cruise tourism. Improve the city-port relationship reducing the environmental impacts and promoting awareness on sustainability.



**Model to measure economic impact of cruise tourism in local destinations**  
**ECO-cruise port/city tool to reduce environmental impacts from vessel arrivals**

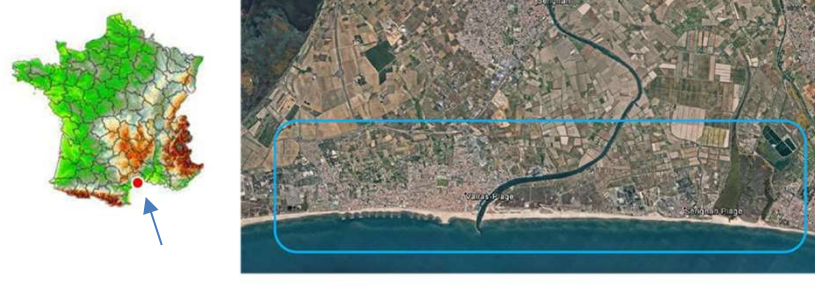


## TESTING ACTIVITY - Overview on CO-EVOLVE Pilot Areas outcomes

Pilot Area #5	5-A
Name	Lido from Maguelone to Frontignan-plage
Country	France
Responsible partner	Department of Hérault
Reference map	
	

- Descript** Coastal area 20 km sea front, with lagoons and a small relief. Touristic zone of Frontignan-plage with several lagoons crossed by waterway. Maguelone island classified as historical heritage site.
- Problem** Beach erosion, sea flooding, industrial zone for petrol stocks, touristic and multipurpose harbors.
- Objective** Protection and valorization of the area

**Planning adaptation of touristic fluxes in coastal areas subject to Climate Change effects**


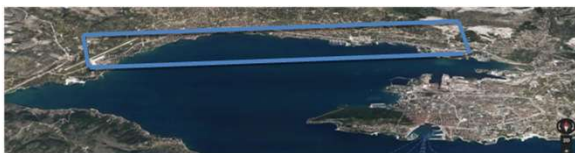
Pilot Area #5	5-B
Name	West coast from Hérault between Vias & Vendres
Country	France
Responsible partner	Department of Hérault
Reference map	
	

- Descript** Orb river area, 13 km sea front, with 2 coastal villages, buildings, natural areas and some big camping, population 5 time-rising in the summer.
- Problem** Beach and dune erosion, sea & river flooding, touristic harbor.
- Objective** Preserve complementarity between urban areas, natural and wild areas, camping areas. Protect natural areas. Maintain tourism activity by allowing it to evolve and adapt to changes

**Design of a common integrated vision along with ICZM principles and Sustainable tourism goals**

**Sediment Management Plan / Tourists fluxes study**

## TESTING ACTIVITY - Overview on CO-EVOLVE Pilot Areas outcomes

<b>Pilot Area #6</b>	<b>6</b>
Name	Coastal area of Kaštela bay
Country	Croatia
Responsible partner	RERASD
Reference map	 

**Descript** The area is located in the central part of the Eastern Adriatic Coast, near the city of Split, the total surface of the bay covers 57 sqkm.

**Problem** High value historical heritage (castels) threatened by erosion, sea flooding and sea level rise. Tourism high pressures on natural resources and disharmonic urbanistic development in the narrow land-sea zone.

**Objective** Promote a sustainable forms of tourism-driven development with focusing on coastal protection measures as a key factor for preserving coastal zone and especially castles



**Formulation of ICZM-MSP local Plan** to promote a sustainable form of tourism-driven development

<b>Pilot Area #7</b>	<b>7</b>
Name	Neretva River delta
Country	Croatia
Responsible partner	DUNEA
Reference map	 

**Descript** Neretva River Delta territory covers 7 local municipality units (3 cities and 4 municipalities). It consists of urban and rural areas and also special areas of natural heritage with different protection status.

**Problem** Presence of different and sometimes conflicting activities and needs in the area, such as agriculture, water management, infrastructure construction, tourism, industry.

**Objective** Balancing the need for further development and the need to protect natural resources. Coordinate and govern area uses and conflicts.



**Elaboration of the methodology** for integral protection of rural landscapes and sustainable development of the tourism of the Neretva River Delta

# Thanks for you attention!

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CO-EVOLVE web pages on the MED platform:

<https://co-evolve.interreg-med.eu/>

Twitter of the project:

@CoEVOLVEmed

## Partners of Co-Evolve project



LP – WP1



WP2

CPMR  
CRPM



UNIVERSITY OF  
THESSALY

Regione Emilia-Romagna

WP4



WP5



FUNDACIÓN  
valenciaport



REGIONAL DEVELOPMENT AGENCY  
FUNDATION OF THESSALY REGION



HERAULT  
JAVNA USTANOVA  
rerasd



I  
U  
A  
V  
Università Iu  
di Venezia



WP3