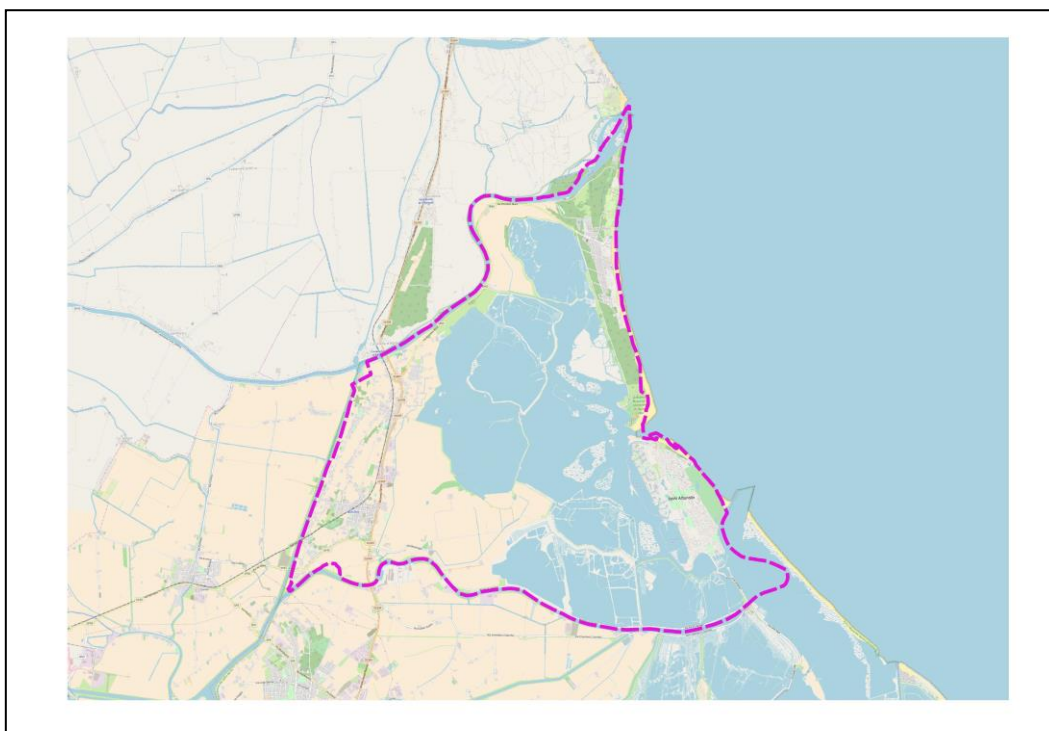


CO-EVOLVE

Promoting the co-evolution of human activities and natural systems for the development of sustainable coastal and maritime tourism

Deliverable 4.5.3

Report on advancement of Pilot actions implementation



Activity 4.5

Pilot action n°3A – Implementation of a NZEB prototype

Po Delta Park Region Authority

Table of contents

1. Scope of the document	3
2. CO-EVOLVE and the objectives of WP4	3
3. The strategic planning of Pilot area	3
4. Brief description of the Pilot area	5
5. Planning SET-UP in the pilot area	5
6. Building knowledge framework in the pilot area	7
7. Defining vision-goals-objectives	9

1. Scope of the document

This document is the report on advancement on pilot actions implementation and corresponds to Deliverable 4.5.3. It's based on concept described in the deliverable 3.18.1 "Guidelines for Tourism-driven strategic Planning" and contains the advancement of activities foreseen in the pilot area 3 for the final formulation of local Action Plans on sustainable tourism

2. CO-EVOLVE and the objectives of WP4

The WP4 (*M2-Testing*) translates in practice the findings of WP3 in order to implement Pilot Actions (plans, concrete actions and measures), setting the conditions for a sustainable tourism in coastal areas and related maritime space and promoting robust and transparent decision-making processes. CO-EVOLVE recognizes as a key challenge for sustainable coastal and maritime tourism development the strengthening of cooperation among Regions and the joint development and transferring of approaches, tools, guidelines and best practices. The actions envisaged are systemic, ecosystem-based and dynamic, taking into account future scenarios of natural (i.e. climate change) and anthropogenic changes. The Pilot Actions embrace a wide range of case in the Med area, from coastal urbanized or exploited areas (including port areas, structured waterfronts, different kind of beaches with tourism facilities, etc.) to natural protected areas (Natura 200, Ramsar, SIC&ZPS, etc). Fields of intervention are the **integrated planning of coast-maritime space, governance and management of conflicts between different uses, recovery and valorization of natural areas, developing of integrated tourist offers and deseasonalization of tourist fluxes.**

WP4 has two main specific objectives:

- **Define and test training tools for implementing sustainable tourism** and for sensitizing local administrators / tourism operators. (Output 4.1);
- **Formulate local Action Plans and implement actions for sustainable tourism** in the Pilot Areas, with the participation of main stakeholders and local coastal communities (Output 4.2);

WP4' results and practice experiences on the field, constitute the basis of good practices contribution to the "Transferability Plans" at pilot areas and regional scale (WP5).

WP4 starts on month 02-2018 and end on month 05-2019 **and represents the Module 2 "Testing" of CO-EVOLVE, according to the modular structure of Interreg MED projects.**

3. The strategic planning of Pilot area

The strategic planning process guides development in the direction of those strategic priorities identified by all stakeholders through a consultative process. In particular, on coastal area, a tourism-driven strategic plan for sustainable development of coastal areas have to integrate main principles and goals provided by the Integrated Coastal Zone Management recommendations (UNEP/MAP/PAPRAC Guidelines for ICMZ, 2012) and the Sustainable Coastal tourism approach guidelines (UNEP, 2009).

The methodology proposed by deliverable 3.18.1 for a definition a strategic planning tourism based on a pilot area is organized in different consequential steps that constitutes an adaptive and cyclical process. It consists of 6 major phases, each of which includes key tasks and steps. The iterative process of tourism-driven strategic planning in coastal areas is reported in figure below.



4. Brief description of the Pilot area

The site is located in Rosolina Mare (Rosolina Municipality), in the Po Delta area. This is the main touristic locality in the area with 1 million annual presences. The area among the Pilot Area is the most important wooded area of the Po Delta; the pine grove can be divided in three subzones: Porto Fossone to the North the area around the center of Rosolina Mare and Caleri area to the South. Moreover, the area is surrounded by brackish water which contributes to the huge fauna and flora biodiversity of the Delta Po Area.

Action will be implemented in a camping surrounded by a pinewood SIC-ZPS and by lagoon and fishing lagoon areas, SIC-ZPS areas as well.

5. Planning SET-UP in the pilot area

The main aim of this phase, that can be considered the most important pre-planning phase, is to create the needed bases for the subsequent implementation of the whole planning process.

Please report here all the preparatory work you've done for your pilot area putting in evidence:

- **the definition of the working team:** the working team of the Pilot Area has been defined and appointed with internal staff of the Po Delta Park and external consultant from Istituto Delta Ecologia Applicata SRL. Colleagues from IUAV helps in spreading out the 1st Coordination Board and participate in illustrating CO-EVOLVE with its general and specific objectives to the audience.
- **the definition of the territorial scope:** the territorial scope is accordingly the vision of the wider area described in management documents such as the Delta Po Veneto Park Environmental Plan, the associated municipalities and the sites SCIs/SPAs of Natura 2000 network.
- **the process that lead you to the identification of stakeholders and the methodology foreseen for the participatory process (please refer to the 1st training course):** the identification of the stakeholders has been done through a carefully understanding of the priorities, weakness and qualities of the whole area of Rosolina Mare and specifically of the Pilot Area. At the present, the main tour operators have been identified with also a network (composed by 70 entities) of small operators that comprehends tourist, agricultural, commercial, tourist services all affiliated to Po Delta Park. This network involves also 9 municipalities of the Po delta area (Adria, Ariano in Polesine, Corbola, Papozze, Rosolina, Loreo, Porto Viro, Porto Tolle, Taglio di Po).
- **construction of the work plan and definition of milestones:** the work plan is in progress, throughout the 2019 the pilot action will be developed until the end of the project. The installation of the housing unit (movable lodging prototype) in Rosolina Mare will be done within March in order to test it during the summer season that will end in September 2019. The data collected will be part of a final review of a three-year strategic plan on local tourism.

6. *Building knowledge framework in the pilot area*

The overall aim of the step “Building Knowledge framework” is to analyze the area, in a coherent and integrated way, in order to build up the knowledge to support the decision-making process and the participatory process



Collect here all the information already gathered by WP3 pilot area analysis focusing on

- *Threat*
 - *Coast line and sand beaches subject to erosion*
 - *Future sea rise may be higher due to local subsidence*
 - *Alarm for loss of natural habitats due to exploitation of the territory intensive agriculture*
 - *The use of space is the main conflict between uses*
 - *The pilot area is at risk of flooding*
- *Enabling factors*
 - *Bathing sites 100% excellent water quality*
 - *Low light pollution given by the nature park which is famous for ecotourism (bird-watching)*
 - *Existence of a plan for the regional territorial coastal area 2012 for the Veneto area between the Po and the Piave river*
 - *Various measures built for coastal defense*
 - *High naturalness: small village surrounded by agricultural fields, natural areas composed of lagoon and pine forest*
 - *Seaside tourism and ecotourism are the main economic sources*
 - *Different landscapes: watercourses, banks, fossil dunes, lagoon, sand banks, brackish areas*
- *Definition of sustainable toolkit*

As reported by the analysis in deliverable 3.17.2, the Sustainable Toolkit of the Pilot Area is composed mainly by: nature/ecotourism indicators, beach/maritime indicators, urban/cultural tourism indicators showing that and high tourism flows and spatial concentration affect the area. For this reason, the Customized Tourism Sustainability Toolkit built shows the really important need for the area to make efforts to define boundaries and thresholds on which to build and evaluate future plans and policies. In particular, several Pilot area specific indicators have been chosen as part of the toolkit, signal that data are available and attesting the high importance of the territory at regional level.

Please add info on analysis of existing planning and procedures on pilot area/s

The existing plan on the pilot area is the “Gestione Integrata della Zona Costiera - STUDIO E MONITORAGGIO PER LA DEFINIZIONE DEGLI INTERVENTI DI DIFESA DEI LITORALI DALL’EROSIONE NELLA REGIONE VENETO - LINEE GUIDA” written for Veneto Region by Padua University – Department of Civil, Building and Environmental Engineering – I C E A where a clear and deep analysis of Veneto Coastal area has been achieved. Particularly, in this document a clear link to Rosolina’s coast is reported.

Regarding tourism, a Strategic Plan 2016 – 2018 titled “Organizzazione di gestione della destinazione turistica “Po e il suo Delta”” is the execution of national and regional planning lines; moreover, another strategic plan title “Rosolina 2030” aims to a sustainable development of tourism through the valorization of local environmental system, linked to the Environmental Plan of the Delta Po Veneto Park in order to drive a coherent and integrated way of territorial development in the next future.

For what it may concern environmental and nature aspects of the pilot area, the territory is covered by the management plan of SPA IT3270023 – Delta del Po.

7. Defining vision-goals-objectives in the pilot area

The starting point to create an effective strategy for sustainable tourism development in coastal areas is to set the main direction to which we want to move: the vision and its related objectives.

The construction of the vision for the area and the identification of strategic specific objectives must be constructed, on one hand, addressing the strategic issues emerged from the analytical phase, and, on the other hand ensuring the coherence and compliance with ICMZ and Sustainable tourism principles and main goals.

- ***Design of a common and integrated vision for the area:*** the Pilot Area of Rosolina Mare is the starting point to reach the common vision to start an appropriate sustainable development of tourism in the area, which is broadly known for its unique characteristics of biodiversity and attractiveness. Indeed, tourism is the main development driver of the area and it must be put at the center of attention for its strictly linkage with environment protection and enhancement of natural elements in order to make people awareness of their importance at local and regional level and above all to carry on the consciousness management being part of the MAB Unesco Area.
 - ***Identification of the main planning goals and objectives***
 1. Sustainable expansion of the village located in the touristic destination
 2. Containing the urban sprawl in the protected area while responding to ecotourism's demand
 3. Safeguarding of the dunes ecosystem
 4. Transferring of good practices
 - ***Linking objectives with ICZM and Sustainable tourism goals:*** the settlement of a Net Zero Energy Building (NZEB) prototype fully comply with the objective n°1 and at the same time objective n°2; in this way two out four of ICZM topics are satisfied because a healthy and productive economy is ensured while a correct protection of nature and environment is guaranteed.
- Within the unique nature and environmental characteristics of the area, directly involved in the protection of environment is the dunes ecosystem (objective n°3) located in Rosolina Mare that assume an important role for its heritage value beyond the natural's one.*
- The 4th objective is the process the connect all the topics of the ICZM system with the sustainable coastal tourism goal, for all these reasons it is a key objective to favor the adoption and adaptation process by other realities.*

