



# Co-Evolve4BG



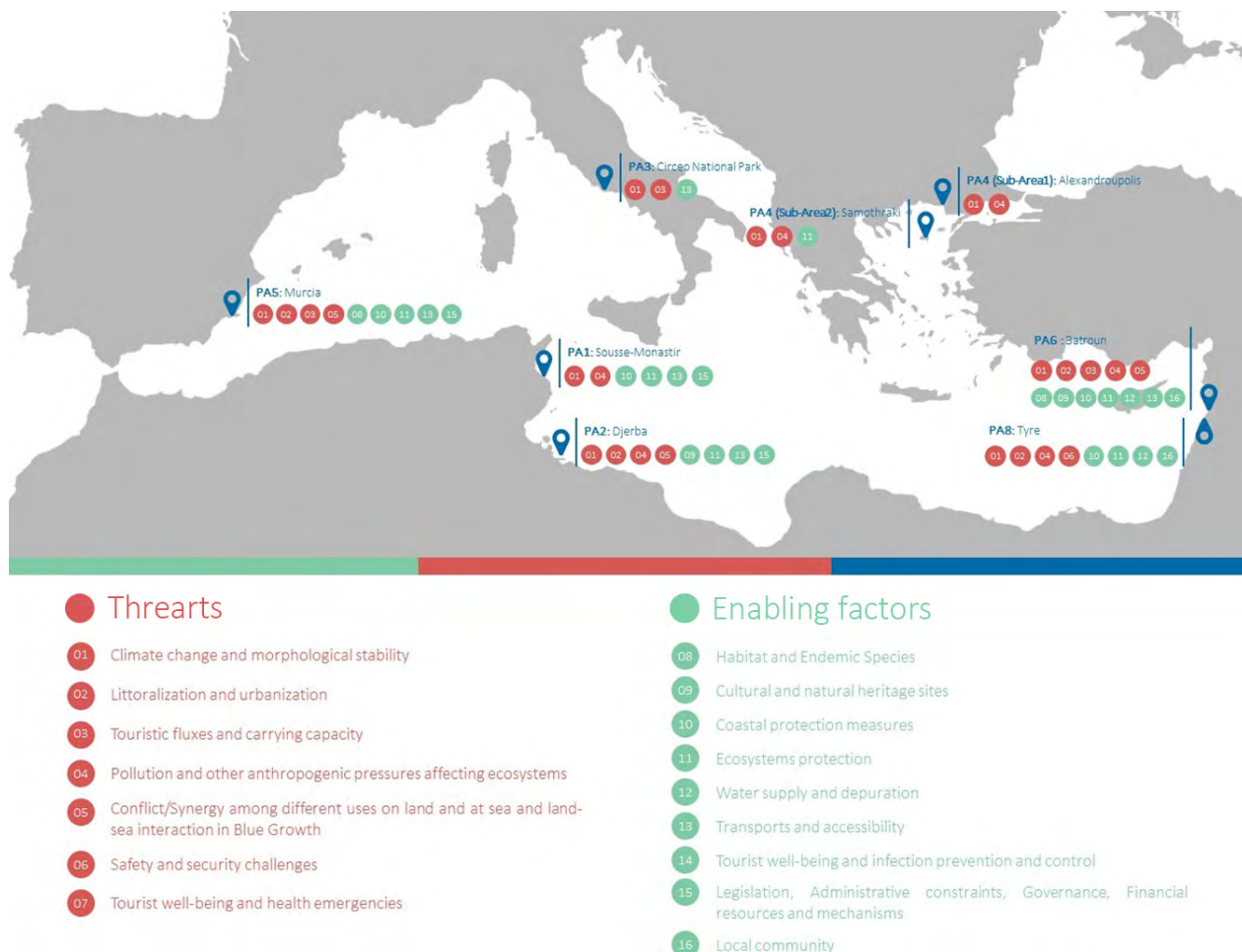
## Co-Evolve4BG

**Co-evolution of coastal human activities & Med natural systems for sustainable tourism & Blue Growth in the Mediterranean**

### Threats and Enabling Factors analysis at Pilot Area Scale

Co-Evolve4BG's philosophy is to set a common approach to boost sustainable coastal/maritime tourism in the Mediterranean. This approach can be easily replicated by other national/regional authorities who want to improve the coastal/maritime tourism in the Mediterranean region. It is based on identifying and analysing the main Threats and/or Enabling Factors (T&EF) which influence coastal/maritime tourism development at tourism destinations while ensuring the integration of local actors/stakeholders in decision-making process. To reach this objective, each partner launched a survey (online or in a face-to-face event) and requested their stakeholders to

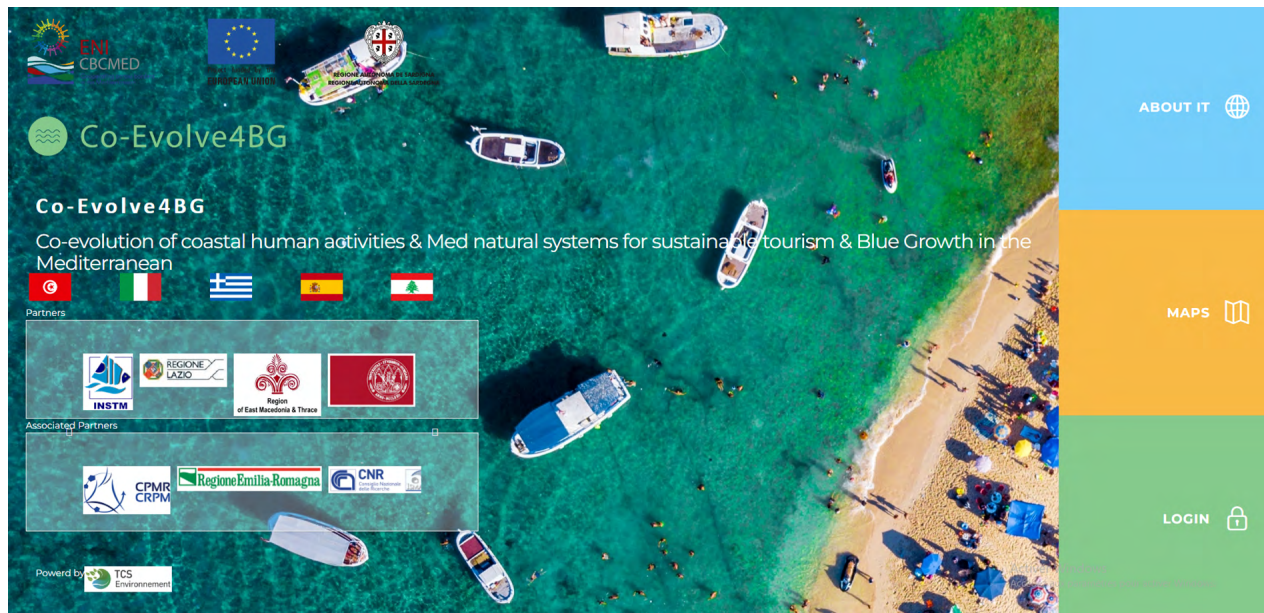
select, based on their experience, the Threats and/or Enabling Factors that should be addressed to ensure a sustainable coastal/maritime tourism in their Pilot Area. Based on the feedback of the stakeholders, a statistical analysis was carried out, and the main Threat/Enabling Factors which will be tackled during the Pilot Area scale analysis were identified. You can find below a representation of T&EF selected in each Pilot Area.



For Each selected Threat and/or Enabling Factor a report has been developed at Pilot Area scale.

## A SMART Tool for decision makers to develop a sustainable coastal/maritime tourism at Mediterranean scale

In the context of Co-Evolve4BG project, a Geo-Platform was developed. This platform is a cross-agency collaborative effort, which offers free access to data related to Threats and Enabling Factors for coastal/maritime tourism development. Data and products (shapefiles, maps, diagrams ...) provided through the platform can be used by scientists, policy-makers, businesses and civil society to supervise and ensure a sustainable coastal/maritime tourism development at the Mediterranean scale.



## OBJECTIVES

- Provide a large knowledge base on the Threats & Enabling Factors for coastal/maritime tourism development in an integrated and standardized format.
- Support the assessment of the state of Coastal/Maritime Tourism –through spatial analysis- to better inform policy-makers, and respond to the needs of coastal/maritime tourism destination managers.
- Increase the capacity in coastal/maritime tourism data collection, management, analysis, and reporting tools, as part of Co-Evolve4BG project.
- Provide a platform for collaboration between National/Regional authorities, federation, and NGOs ... to improve the coastal/maritime development.

## SERVICES:

Currently, this platform provides the following services:

- Visualise already existing data.
- Create and share geospatial data, maps and services.
- Download data and data products such as excels, shapefiles, diagrams.
- Perform spatial analysis.

## DATA & DATASETS

The platform capitalizes data collected and proceeded during Co-Evolve4BG project implementation. It includes over 10 geospatial datasets, organised in the following categories:

- Climate change and morphological stability.
- Littoralization and urbanization.
- Touristic fluxes and carrying capacity.
- Pollution and other anthropogenic pressures affecting ecosystems.
- Conflict/synergy among different uses on land and at sea and land-sea interaction in Blue Growth.
- Habitat and endemic species.
- Cultural and natural heritage sites.
- Coastal protection measures.
- Water supply and depuration.
- Transport well-being and infection prevention and control.

To platform is currently being tested by partners. It is available on the following link:  
<http://41.229.139.90/en/>

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## Co-Evolve4BG Toolkit: A tool to assist coastal/maritime tourism development

Co-Evolve4BG developed an operational tourism sustainability Toolkit to be applied at any coastal/maritime touristic destination located in the Mediterranean shores. This toolkit is composed of a set of indicators (78 indicators) that can be divided into two groups:

**Compulsory Indicators:** They are 32 indicators that provide a general description of the tourism activities in the destination. As they allow for a comparison over time and for benchmarking between the different coastal/maritime destinations, they must be selected by all Mediterranean destinations.

**None Compulsory Indicators:** Taking into account that each coastal/maritime destination has its own different characteristics, the second set –including 46 indicators- is formed to address these specificities and particularities.

The Toolkit aims to assess the level of sustainable development of tourism. It consists of an easy-to-use tool, with no prior training required for end-users. It is dedicated to coastal/marine tourism managers including national/regional authorities, NGOs, municipalities...

In order to facilitate its manipulation, the tool consists of a ready-to-use Excel file.



Co-Evolve4BG

Home

Note to readers

Indicators

Results

Show selected indicators only (Yes)

Re-select indicators

Show Results

Select the indicators you consider relevant for measuring / monitoring tourism sustainability by choosing "Yes" or "No" from the drop-down menu. Then press the button "Show selected indicators only (Yes)".

Insert the values related to the "Lower Threshold" and "Upper Threshold" for each indicator.

Insert the values for each indicator in the "Current Values".

Identify "Tourism Sustainability Level" by choosing "Very Bad", "Bad", "Medium", "Good" or "Very Good" from the drop-down menu.

Indicators	Type of Indicators	Does the destination measure this indicator?	Lower Threshold	Upper Threshold	Current Value	Tourism Sustainability level	Ponderation %	Comment
<b>List of Threats</b>								
<i>Med-01: Climate change and morphological stability</i>								
Med-01-1	% shoreline subjected to erosion (Unit: %)	Quantitative	Yes				---	
Med-01-2	% of shoreline affected by flooding events (either from sea or from rivers) (Unit: %)	Quantitative	Yes				---	
<i>Med-02: Littoralisation and urbanization</i>								
Med-02-1	% of coastline area (within 500m from shoreline) occupied by artificial surfaces (Unit: %)	Quantitative	Yes				---	
Med-02-2	% of coastline area (within 500m from shoreline) developed for tourism purposes (Unit: %)	Quantitative	Yes				---	
<i>Med-03: Touristic fluxes and carrying capacity</i>								
Med-03-1	Number of beds available in commercial accommodation						---	

Co-Evolve4BG General Toolkit screenshot

Currently, the Toolkit is being tested by partners at the different Pilot Areas of the project. The tool is being adjusted according to the target users feedback.

Both, the tool and the user guide, are currently available on the library tab and documents folder by clicking on the following link:

<https://www.enicbcmmed.eu/projects/co-evolve4bg>

## NEWS



28 October 2022

### Co-Evolve4BG in Lebanon explores blue economy related activities

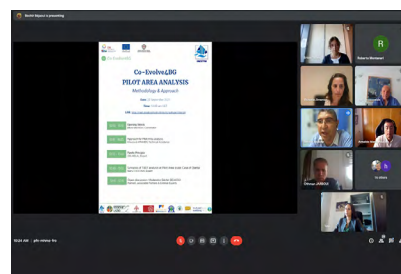
Identifying new stakeholders and occupations such as the exploitation of artisanal salt mines in Batroun, Lebanon.



23 December 2021

### Co-Evolve4BG in Italy asks citizens' inputs for sustainable tourism

The Lazio region, Italian partner of the project, sent a survey to local actors to better identify ways to improve sustainable tourism in Circeo Biosphere Reserve and National Park.



27 September 2021

### Co-Evolve4BG presents the methodology to identify impacts and opportunities for the pilot in Tunisia

An analysis will be conducted to identify threats (impacts) and enabling factors (opportunities) to help develop a sustainable coastal/maritime economy.

[More News](#)

# RECENTS EVENTS



## Co-Evolve4BG in Tunisia involves local stakeholders in the promotion of sustainable coastal and maritime tourism

On the 2nd and 3rd March 2023, the Institut National des Sciences et Technologies de la Mer (INSTM), lead beneficiary of Co-Evolve4BG, organized a participatory training/workshop in Djerba. Attendees with different backgrounds and expertise including representatives of municipalities, the Minister of Transport, the Minister of Tourism, environmental agencies, the Maritime Cluster of Tunisia, NGOs, scientists and experts...) participated in this event. The event aimed to draft a strategic action plan to promote sustainable coastal/maritime tourism in Djerba. To reach this objective, a participatory approach was adopted.

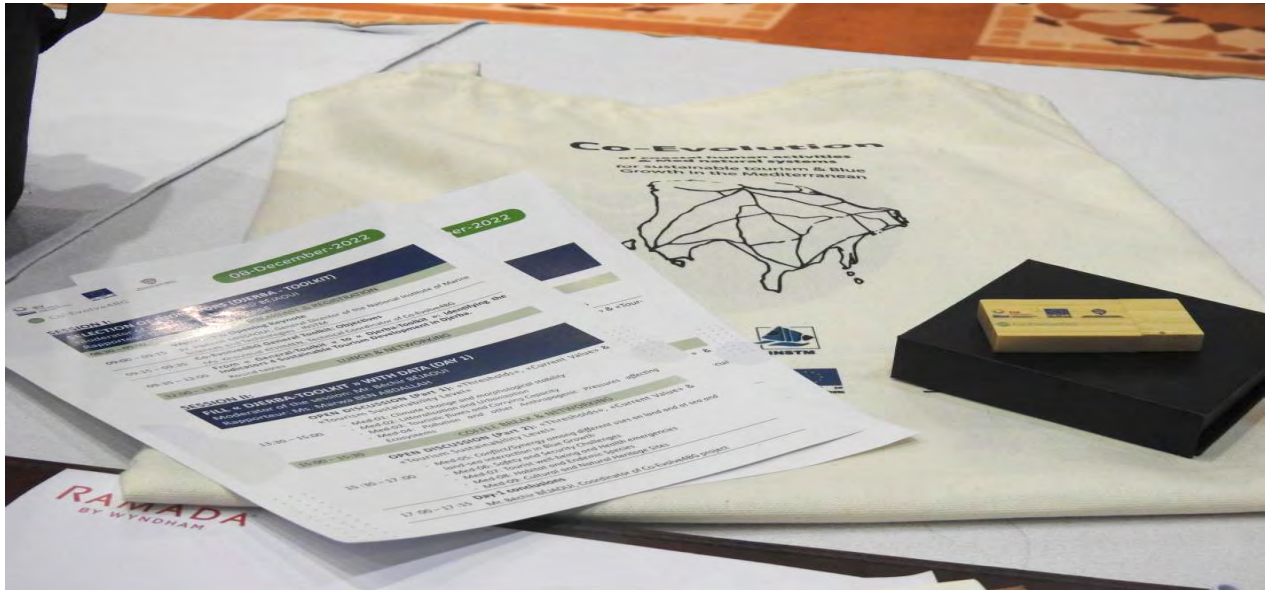
During the event, discussions were focused on 3 priority axes, which were fixed at the prior step based on the results of the threats & enabling factors analysis at Djerba scale and the feedback of the local actors during the previous events held in the context of Co-Evolve4BG. The selected priority axes include:

- Climate change and erosion.
- Transport & accessibility.
- Best practices to promote coastal/maritime tourism.

During the event, these priority axes were discussed while taking into consideration the relation (impact/effect on) with the coastal/maritime tourism in Djerba. Thus, during the first session a SWOT analysis was carried out to identify and analyse each priority axis's strengths, weaknesses, opportunities and threats in relation to coastal/maritime tourism in Djerba. Later on, during the second session and based on the SWOT results, strategic action plans –to promote coastal/maritime tourism in Djerba- were identified by the local actors.

Based on the results of this event, a draft of action plans will be elaborated and shared with the local actors and experts to be more refined. At further step, conventions will be signed with the designated authorities who will adopt/implement the Action Plans in the context of further initiatives.

The event was a great success and led to a fruitful exchange of ideas. In addition, in the context of extending the project outputs and approach beyond the project pilot areas, the list of participants included a representative from the Municipality of Carthage and a representative from the "MEGARA des villes durables intelligentes" association which represents a Tunisian municipalities network.



## Co-Evolve4BG in Tunisia presents a Toolkit to assess the sustainability of coastal/maritime tourism development

In the context of Co-Evolve4BG project, the National Institute of Marine Sciences and Technologies of Tunisia (INSTM) organized a workshop entitled "Co-Evolve4BG – Djerba Toolkit" in Tunis on the 8th and 9th of December 2022.

The event brought together 45 people, with diverse backgrounds and areas of expertise including local actors from Djerba such as representatives from municipalities, members of NGOs, representatives from the local tourism administrations...

The objective was to promote the "General Toolkit" developed in the context of the project which aims to assess Coastal/Maritime tourism sustainable development. Thus, aspects related to the Toolkit structure and the main target users were addressed. In addition, steps related to using the Toolkit were largely explained while interacting with the attendees.

Local actors from Djerba and experts who attended the event expressed their high expectations and clear hopes towards incorporating the developed tool in their own process of managing coastal/maritime destinations.

The event was closed with recommendations to further improve the Toolkit.





## Co-Evolve4BG starts its participatory approach to improve sustainable coast management.

On 6th of October 2022, the first introductory training for the project partners and the teams that will bring the project closer to the stakeholders in each of the seven pilot areas of the Co-Evolve4BG project (Djerba, Tunisia; Circeo, Italy; Alexandroupoli and Samothraki, Greece; Murcia, Spain; Sousse, Tunisia; Batroun, Lebanon; Tyre, Lebanon) took place.

International facilitators Clément Dupont and Frédéric Herpes presented and elaborated on the concepts of Maritime Spatial Planning (MSP) and Integrated Coastal Zone Management (ICZM) and issues related to key terrestrial, maritime and cultural values, as well as ecosystem services, anthropogenic impacts and trends and new activities related to the coastal zone.

The partners in charge of the different pilot areas were asked about the characteristics of their pilot areas in order to raise different questions about the characteristics of these areas and the effects of man activities on them.

In the coming months, specific trainings for each pilot area will be carried out targeted at the partners and teams of the pilot areas. Finally, a workshop and a training for local stakeholders will be held in each of the 7 coastal areas of the project.

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## WE WERE THERE

- Co-Evolve4BG develops synergies with other ENI CBC Med projects dealing Integrated Coastal Zone Management
- Conference "Towards the General States of the Blue Economy in the Mediterranean: a roadmap between Italy and Tunisia"
- Co-Evolve4BG participates in the event organized by the ongoing project COMMON entitled: "L'entrepreneuriat conscient pour les opérateurs touristiques" in Monestir, Tunisia
- Italy: Co-Evolve4BG takes part to the final event of MISTRAL project on Blue Growth
- Co-Evolve4BG took part in the training organised by ENI CBC Med Programme

## RECENTS EVENTS



**18/19 th | APRIL 2023**

Event Lebanon:

**Training & Participatory Workshop in Batroun Pilot Area**

Assistants:

Local stakeholders

Meeting:

Marsati, Port of Batroun, Lebanon



**27 th | APRIL 2023**

Event Alexandroupolis:

**Participatory and Transferability Workshop**

Assistants:

Local stakeholders

Meeting:

Alexandroupolis, Greece



# Co-Evolve4BG

Partners:

