

## WP4 Pilot actions

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### 4.3 Ensuring lasting sustainability of coastal and marine tourism development in REMTH/ Pilot Area 1

#### Region of East Macedonia and Thrace

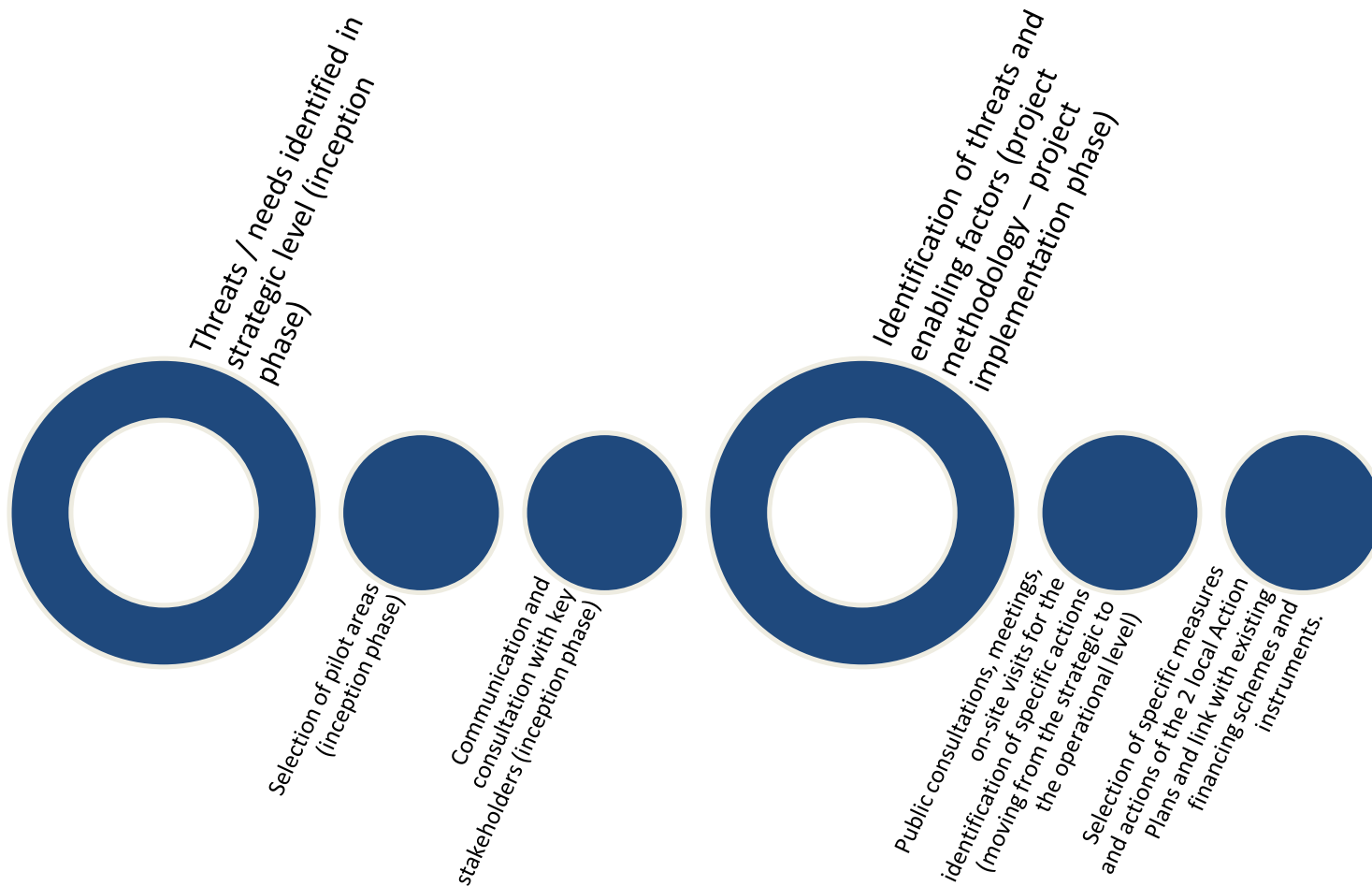


**CO-EVOLVE EU Dissemination Event**  
Barcelona, 5 June 2019

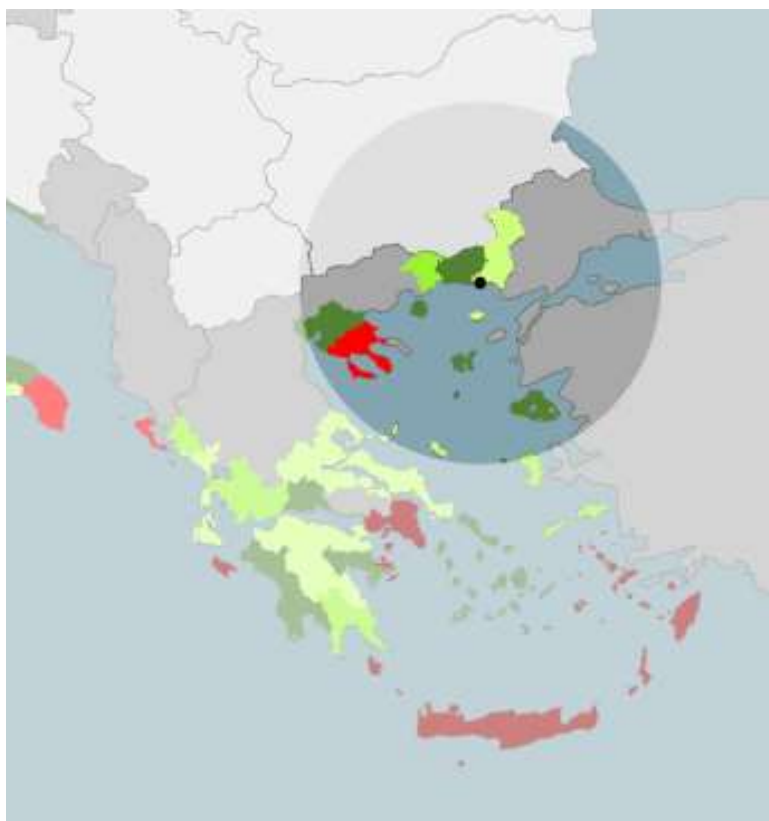
## Brief Introduction

- The proposed actions, which are included and analytically described in the two local action plans covering the two selected pilot areas, are based on the **Co-evolve methodology** considering the **ICZM and sustainable tourism goals principles**, and are designed based on the **results of the participatory processes**, the public consultations the meetings and the on-site visits held by REMTH with the participation of several key stakeholders.
- The actions **are bottom-up driven** and directly **linked with funding instruments and financing tools** with the aim to practically finance the actions identified and proposed by the involved stakeholders during and/ or after the end of the project.
- REMTH is dedicated, during and after the project duration, to **promote the action plans to the relevant financing schemes** and authorities and in particular **to support the financing of key actions** through the Regional Operational Programme.

## From strategic to operational level (steps taken in brief)



## Pilot Area 1A. Alexandroupolis-Makri Selected Actions



### Geographical Context | **ALEXANDROPOULI**



● Region of East Macedonia and Thrace

○ Alexandroupoli Municipality ○ Pilot Area

0 25 50 Km



# ACTION 1

Action	ACTION TITLE		
1	Elaboration of a study for the Integrated Management of the Coastal Zone of Alexandroupolis-Makris		
Pilot Area	Alexandroupolis-Makri (From the Port of Alexandrouplis up to the village of Makri)		
Description	<p>The proposed action reflects the needs identified during the participatory process related to the elaboration of a study for the integrated management of the coastal zone of the pilot area. The proposed area lacks of quantitative data and measurements that could potentially contribute to the identification and selection of critical areas requiring the protection of the natural coastal systems. Current management practices are mainly based on macroscopic analysis based on experiences without being based on a scientifically based study that would facilitate the decision support for coastal erosion protection and sustainable tourism development.</p> <p>The main objectives of the action are:</p> <ul style="list-style-type: none"> <li>• The definition of specific threats in the studied areas.</li> <li>• The analysis, in quantitative terms, of the state of play and the identification of all critical coastal-related elements.</li> <li>• The definition of planning axis and alternative policy scenarios.</li> <li>• The definition of the necessity (and maturity) for the elaboration of specific technical studies.</li> <li>• The identification of necessary measures (hard or soft) to be applied in specified areas.</li> <li>• The identification of funding tools.</li> </ul> <p>This study will also facilitate the systematic monitoring of funding opportunities and business priorities during the planning of the future programming periods with a view of maturing the current status for the financing of pilot measures.</p>		
Financing Scheme	REGIONAL OPERATIONAL PROGRAMME (REMTH)	Funding Sources	The action will be financed from the ERDF and national funds.

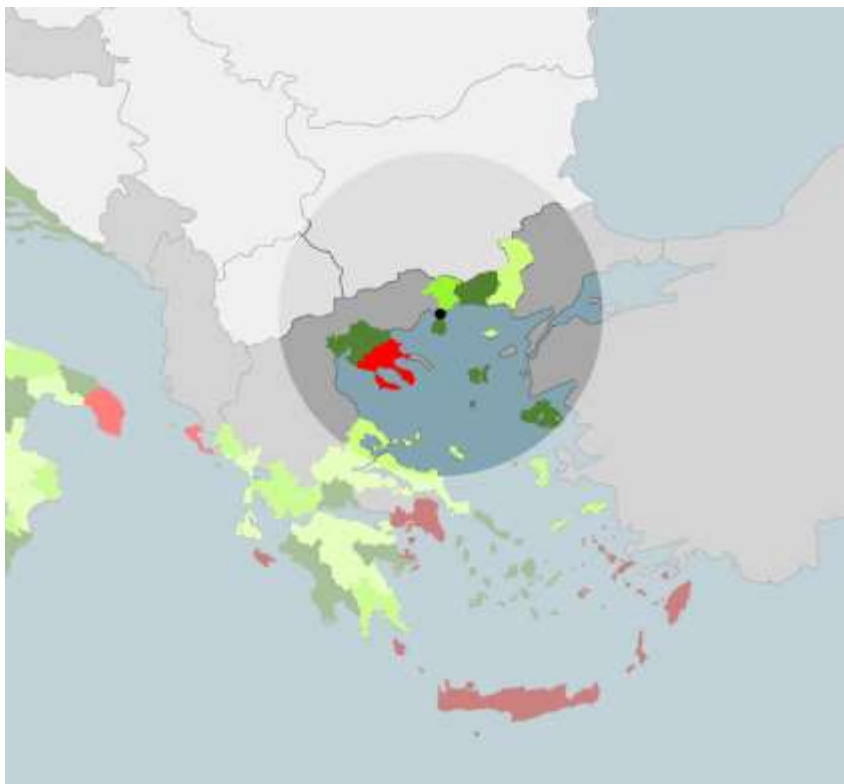
## ACTION 2

Action	ACTION TITLE		
2	<b>Establishment of a Coastal Erosion Monitoring/ Measuring Mechanism at the Port Authority of Alexandroupolis, covering the coastal front of the study area</b>		
Pilot Area	Alexandroupolis-Makri (From the Port of Alexandrouplis up to the village of Makri)		
Description	<p>The proposed action results from the need to collect primary data for the study of the coastal erosion mechanisms in the pilot area. This need arises from the complete lack of exploitable data in the studied area and concerns the development of a monitoring system for the prevention and management of the risk of erosion in the coastal study area. The monitoring mechanism will consist of systems, equipment and measurement software.</p> <p>Indicatively:</p> <ul style="list-style-type: none"> <li>• Supply of equipment and telemetric measurement systems;</li> <li>• Supply of Equipment for the establishment of an observation Data Hub and of a Virtual Satellite Receiving Station;</li> <li>• Provision of Remote Sensing Data for the operation of the systems;</li> </ul> <p>Indicative equipment (Floats, Marine Stream Profile Metering System, Marine Wave Metering System, Marine Water Quality Metering System, Digital GPRS Modem, Stations, Servers and Software, Remote Sensing Data Supply, etc.)</p> <p>The permanent mechanism for monitoring the erosion mechanism both inside and outside the urban area of the Alexandroupolis-Makris pilot area will in practice assist in the systematic record of exploitable data that will contribute to the identification of the mechanisms that have an impact on coastal erosion and hence, it will further support decision-making as well as the planning of measures and investment proposals planning and consultation of future programming periods.</p>		
Financing Scheme	REGIONAL OPERATIONAL PROGRAMME (REMTH)	Funding Sources	The action will be financed from the ERDF and national funds.

## ACTION 3

Action	ACTION TITLE		
3	Investments in coastal erosion protection measures		
Pilot Area	Alexandroupolis-Makri		
Description	<p>The coastal management principles and investments in REMTH, and in particular in the Alexandroupolis-Makris pilot area, which hosts a significant man-made touristic activity with significant erosion problems, have a serious impact on the environment and on the human activities, by threatening coastal ecosystems, housing and infrastructure, local population, property and the further development of economic activities related to tourism. Causes of coastal erosion include extreme weather events and climate change as well as anthropogenic causes (e.g. construction of infrastructure projects, residential development, etc.). The increase in the frequency and severity of extreme weather events in the coming years is expected. In this context, this action proposes to implement the following indicative sub-actions:</p> <ul style="list-style-type: none"> <li>• Support of the implementation of Integrated Coastal Zone Management Plans per "Cell".</li> <li>• Study and financing of coastal protection projects (e.g. reefs, seawalls, etc.), rehabilitation and coastal erosion stabilization projects.</li> </ul> <p>The interventions to be implemented under this action will be in line with the principles for Integrated Coastal Zone Management. This action is a direct result of the public consultation (October 5, 2018 and May 22, 2019), which identified the need to finance technical measures and infrastructures for the protection from floods considering that under the on-going substantial touristic development, based on the current urban planning of Alexandroupolis, the implementation of measures linked with coastal zone management plans per "Cell" and the study and financing of specific protection projects are prioritized.</p>		
Financing Scheme	REGIONAL OPERATIONAL PROGRAMME (REMTH)	Funding Sources	The action will be financed from the ERDF and national funds.

## Pilot Area 1B. Keramoti-Thasos Selected Actions



### Geographical Context | **KERAMOTI**



- Region of East Macedonia and Thrace
- Keramoti Municipality ○ Pilot Area



# ACTION 1

Action	ACTION TITLE		
1	<b>Enhancement of Protected Areas Management Bodies for the management of natural environment and biodiversity in the Natura areas of the Region of Eastern Macedonia and Thrace (Nestos-Vistonida Management Body)</b>		
Pilot Area	Keramoti - Thasos		
Description	<p>The action focuses on the support of the Nestos-Vistonida Protected Areas Management Body that has the overall responsibility for the designated Natura area in the region of Eastern Macedonia and Thrace, for the implementation of interventions for the management, protection and enhancement of the natural environment and biodiversity. It is noted that the proposed action is based on the fact that the Nestos Delta area is under severe threat; thus, the coordination of actions focusing on both the protection of the Natura site and the minimization of the coastal erosion threats are considered necessary.</p> <p>The main objectives of the action are to implement the following indicative interventions:</p> <ol style="list-style-type: none"> <li>1. Actions to restore ecosystems that have been degraded by human activity or natural causes. Indicatively, actions are included to address flooding events, to address lack of water, as well as to improve the quality of water in small wetlands at risk of degradation. Tree planting actions are also included in forest systems with reduced plant density.</li> <li>2. Actions aimed at improving the conservation status of protected habitats and species (Directives 92/43 / EEC and 2007/147 / EC). Depending on the biology of the species and the habitat type, actions that improve the conservation status of each species, habitats and area of conservation may vary.</li> <li>3. Information and communication actions. These are information actions for citizens, users, producers, institutions and schools. The purpose of this sub-action will be the responsibility of the Management Body and will focus on the promotion of the value of biodiversity conservation, the environmental value of the area and the promotion of eco-tourism practices and business opportunities, the importance of particular interventions, etc. It will also concern the emergence and operation of protected areas, such as the construction and installation of information boards and barriers to prohibit access.</li> <li>4. Actions to support the local community in relation to restrictions imposed by the implementation of measures for the protection of areas, species and habitats. It concerns the elaboration of studies for the implementation of actions and / or commissions to be made available to a limited number of breeders to mitigate animal damage. It also concerns studies and application of a quality mark for products produced within protected areas.</li> </ol>		
Financing Scheme	REGIONAL OPERATIONAL PROGRAMME (REMTH)	Funding Sources	The action will be financed from the ERDF and national funds.

## ACTION 2

Action	ACTION TITLE		
2	Investments for the prevention and management of flood risks		
Pilot Area	Keramoti-Thasos		
Description	<p>The proposed action concerns flood protection interventions as derived from the Flood Risk Management Plans pursuant to Directive 2007/60 / EC, including flood defense projects in the studied urban and peri-urban areas, investments in the formation and settlement of the Nestos riverbed and to help protect rivers, streams and lakes in the studied area.</p> <p>Specifically, the actions proposed are:</p> <ul style="list-style-type: none"> <li>• Re-arrangement of rivers and streams, where necessary.</li> <li>• Strengthening rivers' / torrents' / lakes' protection and coastal dikes.</li> </ul> <p>With regard to floods in accordance with Directive 2007/60 / EC, the preliminary flood risk assessment has been completed by the Special Secretariat for Water of the Ministry, which includes the identification of the zones of potentially high flood risks in the Water Districts 11 (East Macedonia) and 12 (Thrace), risk and flood risk maps have been prepared, and flood risk management plans have been completed. According to the River Basin Flood Management Plan of the Thrace (GR12), the coastal zone of the Keramoti area is located within the Potentially High Flood Zone; thus, planning and investing in flood management and prevention measures are in line with the areas emerging touristic needs.</p>		
Financing Scheme	REGIONAL OPERATIONAL PROGRAMME (REMTH)	Funding Sources	The action will be financed from the ERDF and national funds.

## ACTION 3

Action	ACTION TITLE		
3	Investments in coastal erosion protection measures in Keramoti		
Pilot Area	Keramoti-Thasos		
Description	<p>The coastal management principles and investments in REMTH, and in particular in the Keramoti area, which hosts a constantly increasing and emerging touristic activity with significant erosion problems, have a serious impact on the environment and human activities, by threatening coastal ecosystems, housing and infrastructure, local population, property and the further development of economic activities related to tourism. Causes of coastal erosion include extreme weather events and climate change as well as anthropogenic causes (e.g. construction of infrastructure projects, residential development, etc.). The increase in the frequency and severity of extreme weather events in the coming years is expected. In this context, this action proposes to implement the following indicative investment actions:</p> <ul style="list-style-type: none"> <li>• Study and financing of coastal protection projects (e.g. reefs, seawalls, etc.), rehabilitation and coastal erosion stabilization projects.</li> </ul> <p>The interventions to be implemented under this action will be in line with the principles for Integrated Coastal Zone Management. This action is a direct result of the public consultation (October 5, 2018 and May 22, 2019), which identified the need to limit floods in the Keramoti area, namely the T4 trench in the Eastern part of the settlement. Moreover, this action is also directly linked to the need to clearly define the Region's strategic priorities - at a local level - on erosion issues and the selection / identification of high risk areas. The development of Coastal Zone Management Plans per "Cell" and the study and promotion of specific protection projects and the re-development and coastal stabilization projects are a priority for the area from the Nestos Delta (eastern part of the settlement) up to the west part of the settlement which hosts the productive and professional activities (i.e. fish farming).</p>		
Financing Scheme	REGIONAL OPERATIONAL PROGRAMME (REMTH)	Funding Sources	The action will be financed from the ERDF and national funds.

## ACTION 4

Action	ACTION TITLE		
4	Elaboration of a study for the Integrated Management of the Coastal Zone of Keramoti		
Pilot Area	Keramoti (From the Nestos Delta up to the Western Part of Keramoti settlement)		
Description	<p>The proposed action reflects the need identified during the participatory process for the elaboration of a Study for the integrated management of the coastal zone of the pilot area. The proposed area lacks of quantitative data and measurements that could potentially contribute to the identification and selection of critical areas requiring the protection of the natural coastal systems. Current management practices are mainly based on macroscopic analysis based on experiences without being based on a scientifically based studies and data that would facilitate the decision support for coastal erosion protection and sustainable tourism development.</p> <p>The main objectives of the action are:</p> <ul style="list-style-type: none"> <li>• The definition of specific threats in the studied areas;</li> <li>• The analysis, in quantitative terms of the state of play and the identification of all critical elements;</li> <li>• The definition of planning axis and alternative policy scenarios;</li> <li>• The definition of necessity for the elaboration of specific technical studies;</li> <li>• The identification of necessary measures (hard or soft) to be applied;</li> <li>• The identification of funding tools.</li> </ul> <p>This Study will practically facilitate the systematic monitoring of funding opportunities and business priorities during the planning of the future programming periods with a view of maturing the current status for the financing of pilot measures.</p>		
Financing Scheme	REGIONAL OPERATIONAL PROGRAMME (REMTH)	Funding Sources	The action will be financed from the ERDF and national funds.

## Financing Schemes linked to the Action Plan

- **All actions are directly linked to a funding mechanism.**
- All actions can be supported under invitations co-financed financed by the **ERDF** (and national funding sources).
- REMTH indirectly manages the Regional Operational Programme (ROP) - all proposed actions have a clear link with the **ROP's Priority Axis**, relevant **Thematic Priorities** and **Investment Priorities**.
- An analysis of the current status of the budget available, under the ROP 2014-2020 for specific and relevant to the proposed actions budget has been completed.
- Currently there are **3 active invitations** funded from the ROP 2014-2020 with available budget.
  - AM008 - PREVENTION AND RISK MANAGEMENT MEASURES BY FLOODS - ACTION 5b.9.1
  - AM014 - UPGRADING / SUPPORTING TOURISTIC PRODUCT OF THE REGION – ACTION 6c.12.3
  - AM023 - PROTECTION AND PROMOTION OF THE ECOSYSTEMS IN THE REGION
- There are closed relevant invitations that are directly linked with the proposed measures
  - AM025 and AM058 – EQUIPMENT FOR PREVENTION AND RISK AND DISASTARS MANAGEMENT, SUCH AS FIRES AND FLOODS
  - AM006 - INTERVENTIONS FOR THE PROTECTION FROM EROSION.

## Financing Schemes linked to the Action Plan

Invitation Number	Invitation Title	Overall Budget Available	Budget already in use
AM008	ΜΕΤΡΑ ΠΡΟΛΗΨΗΣ ΚΑΙ ΔΙΑΧΕΙΡΙΣΗΣ ΚΙΝΔΥΝΩΝ ΑΠΟ ΠΛΗΜΜΥΡΕΣ - ΔΡΑΣΗ 5β.9.1 (Status – Open)	6.500.000	4.801.823,22
AM025 AM058	EQUIPMENT FOR PREVENTION AND RISK AND DISASTARS MANAGEMENT, SUCH AS FIRES AND FLOODS	9.000.000	8.999.986,56
AM006	INTERVENTIONS FOR THE PROTECTION FROM EROSION	5.000.000	1.125.667,60
AM014	UPGRADING / SUPPORTING TOURISTIC PRODUCT OF THE REGION – ACTION 6c.12.3 (Status – Open)	5.500.000	0
AM023	PROTECTION AND PROMOTION OF THE ECOSYSTEMS IN THE REGION (Status – Open)	4.000.000	1.533.519,58

## Further steps (June – October 2019 & Post-Project)

- **Finance the key actions identified in the 2 local action plans:**
  - Apply for funding (the beneficiaries: i.e. the municipality of Keramoti and the Municipality of Alexandroupolis) under the Regional Operational Programme's **open calls**.
  - Consult with the ROP Management Body for the promotion of the project's results and the development of invitations focusing on the identified threats (i.e. those transferred into actions in the two local action plans).
- **Maturing activities for the concrete implementation of pilot actions** (i.e. preparation of tendering documents for specific coastal engineering studies)

**Thank you!**

