

HERMES-3rd Open Workshop

COASTAL ZONE MANAGEMENT AND CLIMATE CHANGE AT LOCAL SCALE: THE HERMES PROJECT APPROACH

11:30 – 11:50

**ΔΙΑΧΕΙΡΙΣΗ ΠΑΡΑΚΤΙΑΣ ΖΩΝΗΣ ΣΤΟ ΔΗΜΟ ΠΑΓΓΑΙΟΥ:
Ένα προαπαιτούμενο για Αειφορική Τοπική Ανάπτυξη**

**Coastal Zone Management in Paggaio Municipality:
A prerequisite for Sustainable Local Development**

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Wednesday, July 3, 2019

IGewe Main Building, Don Bosko nr.60, Tirana

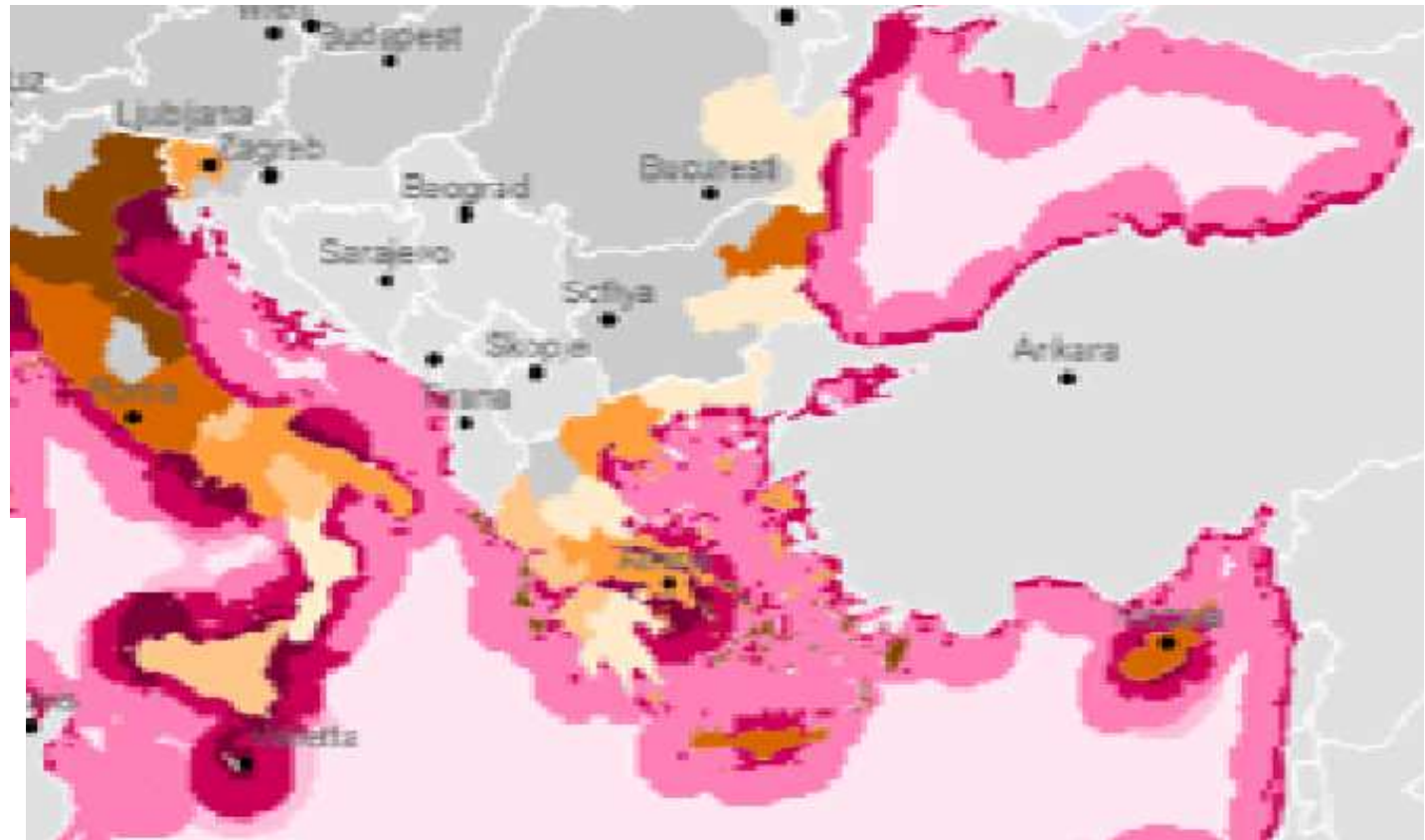
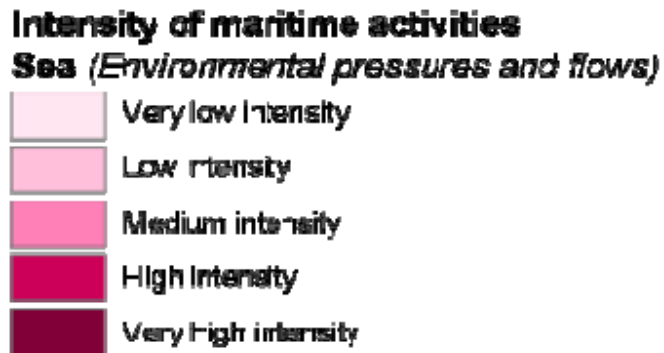
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THE PROGRAMME INTERREG V-B BALKAN – MEDITERRANEAN 2014-2020 and the HERMES project

Priority Axis		2. Environment
Thematic Objective		6 Preserving and protecting the environment and promoting resource efficiency
Investment Priority		6f Promoting innovative technologies to improve environmental protection and resource efficiency in the waste sector, water sector and with regard to soil, or to reduce air pollution
Specific Objective		2.2. Sustainable territories

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According to the analysis of the eligible area of the programme, the areas of intervention of the HERMES project, present high density of uses (CP Balkan –Mediterranean, 2015: 18)



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Cyprus, during the summer season, triples its population (**2,78**),
Greece has an indicator of **1,41**,
Albania has an indicator of **1,21** Bulgaria **0,89**
and North Macedonia **0,18** (data 2014, CP Balkan -Med: 2015: 18-19)

Recent data (2017, 2018) increase the above indicators,
with the one for Greece being approximately **2,75**.

The indicators are extremely bigger, at the **coastal zones** of the HERMES project,
as those receive the larger pressure from tourism and related challenges.

The above data, justify **the value of the costal zone**, for the quality of the environment,
but also for **the local economies**. The coast is a precious asset for the local development.

The programme indicates the following weaknesses, with reference to the environment and the climate change (CP Balkan -Mediterranean, 2015: 21):

- **Limited data for the environmental indicators,**
- **Regional inequalities, regarding the capabilities of the stakeholders for adaptation in the climate change.**

and the following (among others) threats:

- **Areas, vulnerable in extrem weather conditions,**
- **Consequences of the climate change,**
- **Important Sea transportations and activities linked to the sea.**

The programme envisages (among others), for the Priority Axis 2 “Environment” (CP Balkan -Mediterranean, 2015: 25):

- **The development of innovative solutions and technologies for existing issues, such as the problem of coastal erosion,**
- **The cooperation of the stakeholders of the eligible area, for the development of common approaches in specific issues,**
- **The improvement of the capabilities of the executives of the stakeholders for the implementation of innovative solutions and technologies for the protection and exploitation of the assets of nature and environment.**

The programme assessed and selected the investment priority 6f (*Promoting innovative technologies to improve environmental protection and resource efficiency in the waste sector, water sector and with regard to soil, or to reduce air pollution*) in the Priority Axis 2 «Environment» (CP Balkan -Mediterranean, 2015: 30) for the following reasons:

- + Capacity for efficient and sustainable use of natural resources,
- + Trends for the sustainable use of the renewable sources of energy,
- + Promotion of the ecosystem approach, by the European Environmental Legislation.

- Need for sharing best practices of knowledge for innovative management of the environment,
- Need for development of common strategies for the efficiency of the resources and assets,
- Need for increment of the implementation level of innovative technologies in the area,
- Need for increase of use of modern special regulations

Within the framework of the Specific Objective 2.2 (*Sustainable territories*) in the Priority Axis 2 «Environment»

(CP Balkan -Mediterranean, 2015: 65)

the programme highlights as important, among others, the development of actions for:

Common design and development of pilot projects for the promotion of innovative technologies that improve the protection of the environment and the efficiency of the resources, with actions to confront the erosion, including the costal erosion.

HERMES project contributes to the objectives of the programme as it deals with a problem of great importance for the whole World.

Costal Erosion is a threat for the natural environment and **the economic model of the areas.**

HERMES exploits:

- **Modern technologies and innovation,**
- **Cooperation and networking,**

and aims to:

- **The reduction of the consequences of the climate change,**
- **The limitation of the coastal erosion processes,**
- **Suggest solutions of soft engineering for the rehabilitation of the caused problems.**

RESULT INDICATORS, OUTPUT INDICATORS of the HERMES project:

Output: Number of strategies/policies/plans/models and tools jointly developed and tested:	2
Output: Number of environmental friendly technologies' implementation related to the water/waste efficient management:	1
Output: Number of environmental friendly technologies' implementation related to climate change prevention and adaptation measures	1
Result Indicator: Level of adaptation to resources efficiency and climate change resilience measures in alignment with EU policy	1.20%

Municipality of Paggaiou:

Inhabitants (2011): **32,085**

Summer Season: **> 100,000**

Surface: **698 Km²**

Coastline: **65 Km**

Blue flags: **5**

Protected Areas Natura2000: **3**

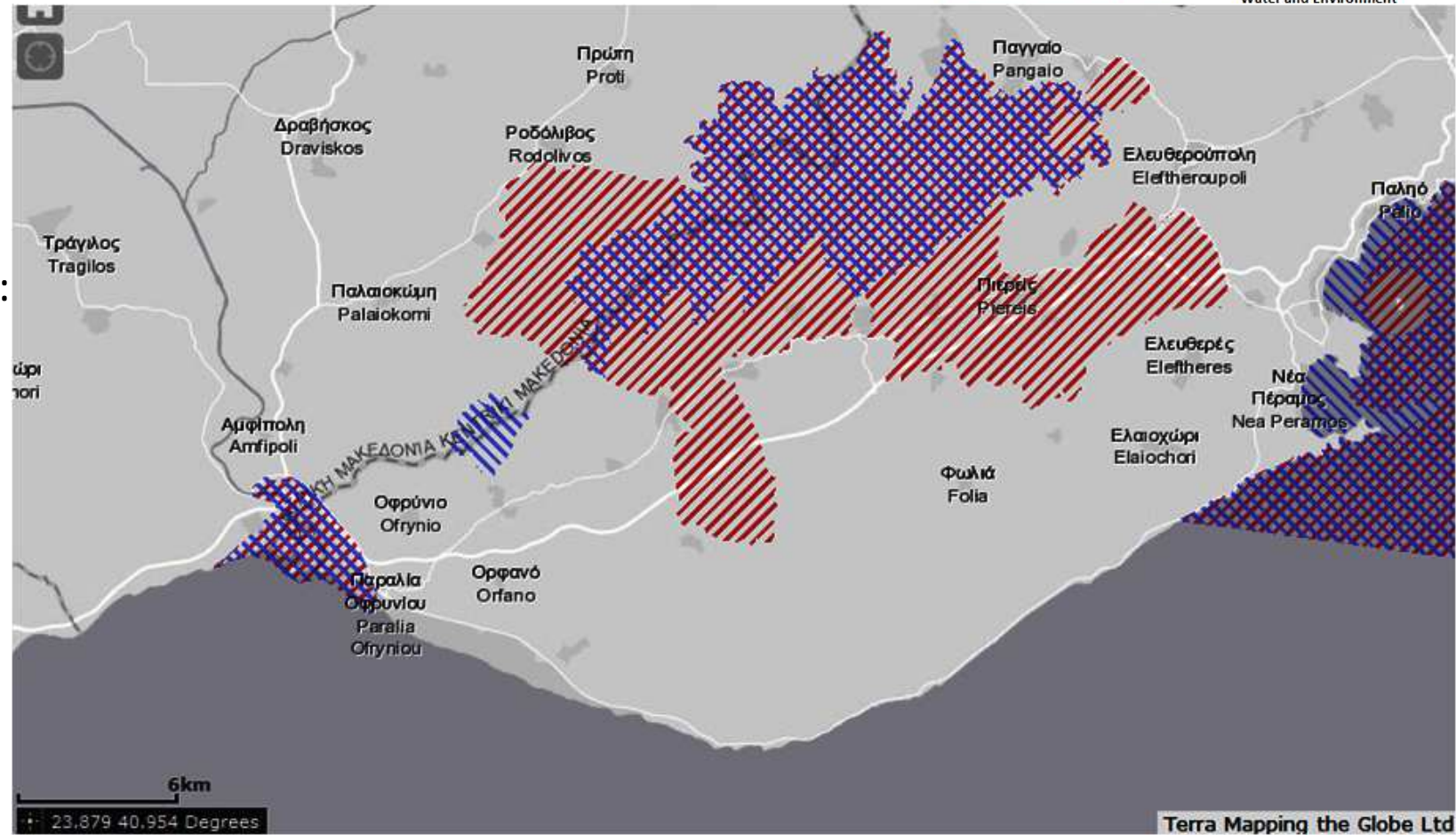


www.dimospaggiou.gr & www.dimospaggiou.com

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Municipality of Paggaios:

Natura2000 areas
(natura2000.eea.europa.eu):



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STRATEGY 2016-2019 OF MUNICIPALITY OF PAGGAIO

Municipality of Paggaio, within the framework of its strategic plan for the current programming period, considers of great importance **the environment and quality of life issues, through its Priority Axis 1 of the Operational Programme and Three (3) related General Objectives.**

STRATEGY 2016-2019 OF MUNICIPALITY OF PAGGAIO

Priority Axis 1: «ENVIRONMENT AND QUALITY OF LIFE»

Measure 1.1: Natural Environment

General Objective 1.1.1: Improvement, Protection and Rehabilitation of the natural environment

General Objective 1.1.2: Sensitisation and information of the citizens for environmental subjects, enhancement of environmental conscience, especially for children and youth.

General Objective 1.1.3: Protection, highlighting and sustainable exploitation of the natural and cultural assets of the Municipality

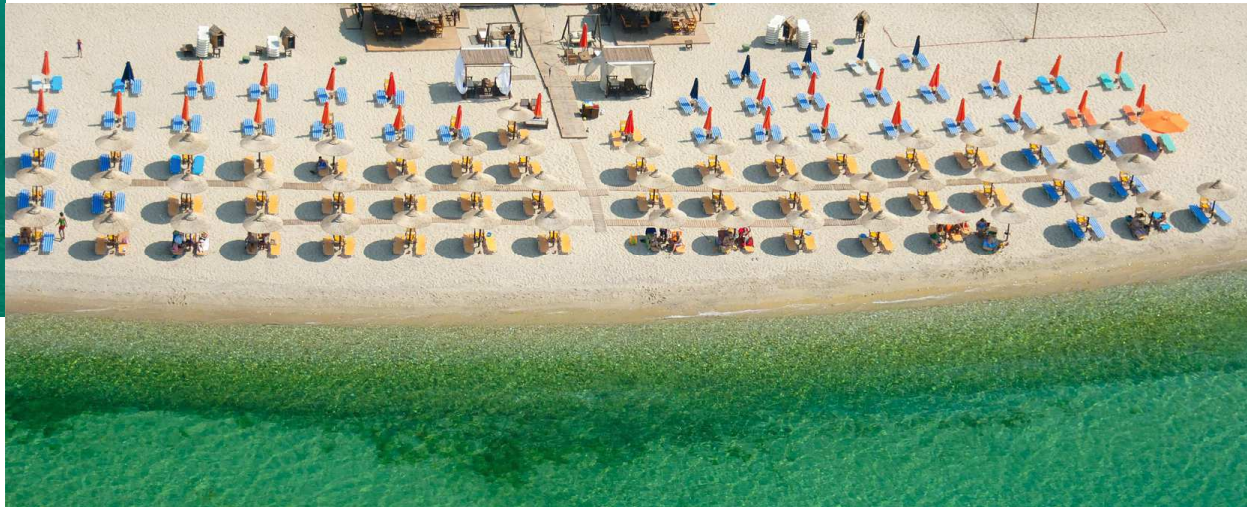
STRATEGY 2016-2019 OF MUNICIPALITY OF PAGGAIO

The HERMES project contributes to all three (3) General Objectives of the Measure 1.1 of the Priority Axis 1 of the Strategic Plan of the Municipality of Paggaio.

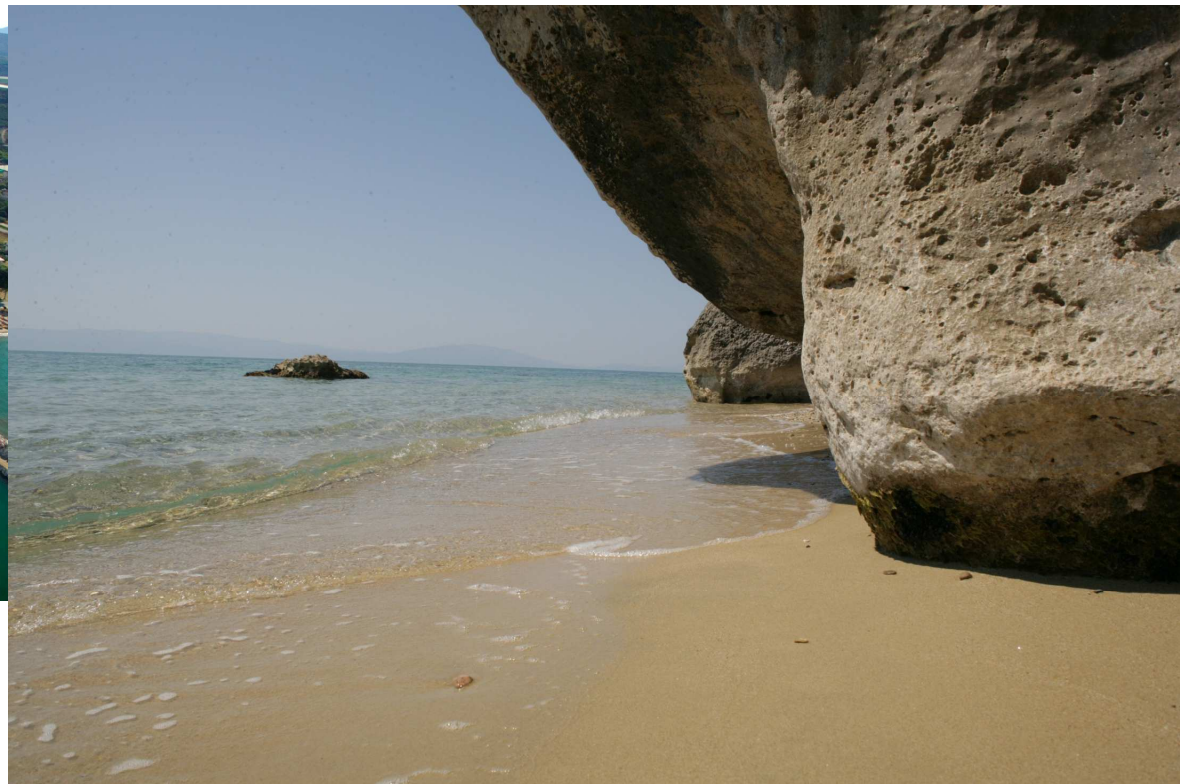
The results of the HERMES project, for the Municipality of Paggaio, will be elements for:

- Development of application studies for the mitigation of the consequences of climate change,
- Confrontation of the impact on the coast (erosion) which is a precious local asset of development,
- Sensitisation of the public and
- Incorporation in the general design plan, design and studies of technical works in the area of intervention.

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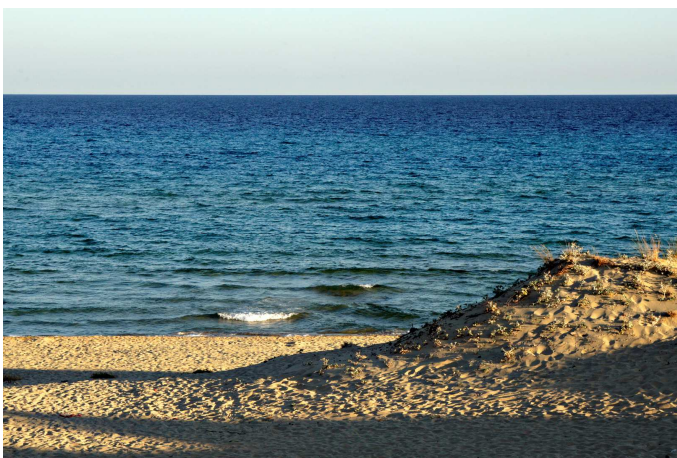
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Interreg

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Balkan-Mediterranean

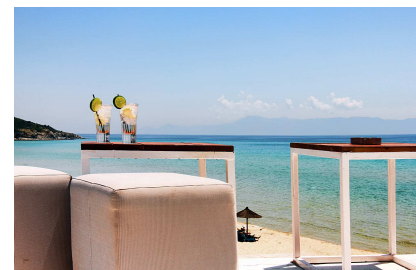
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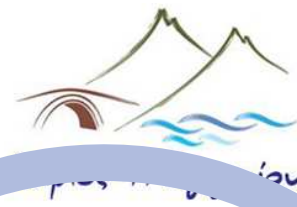
Coastal Zone Management in Paggaios Municipality: A prerequisite for Sustainable Local Development

- A 65Km coastline with blue flagged beaches,
- **Hundreds of thousands visit the area for the summer season [May –October]*,**
- **No9 in the World in airbnb booking increment (+135%) for family holidays [Airbnb (2019): 1 Jun – 2 Sep '19]**
- **Fishing activities / Sailing activities / Diving activities**
- **Thermalism (Healing baths / Thalassotherapy) [under planning]**

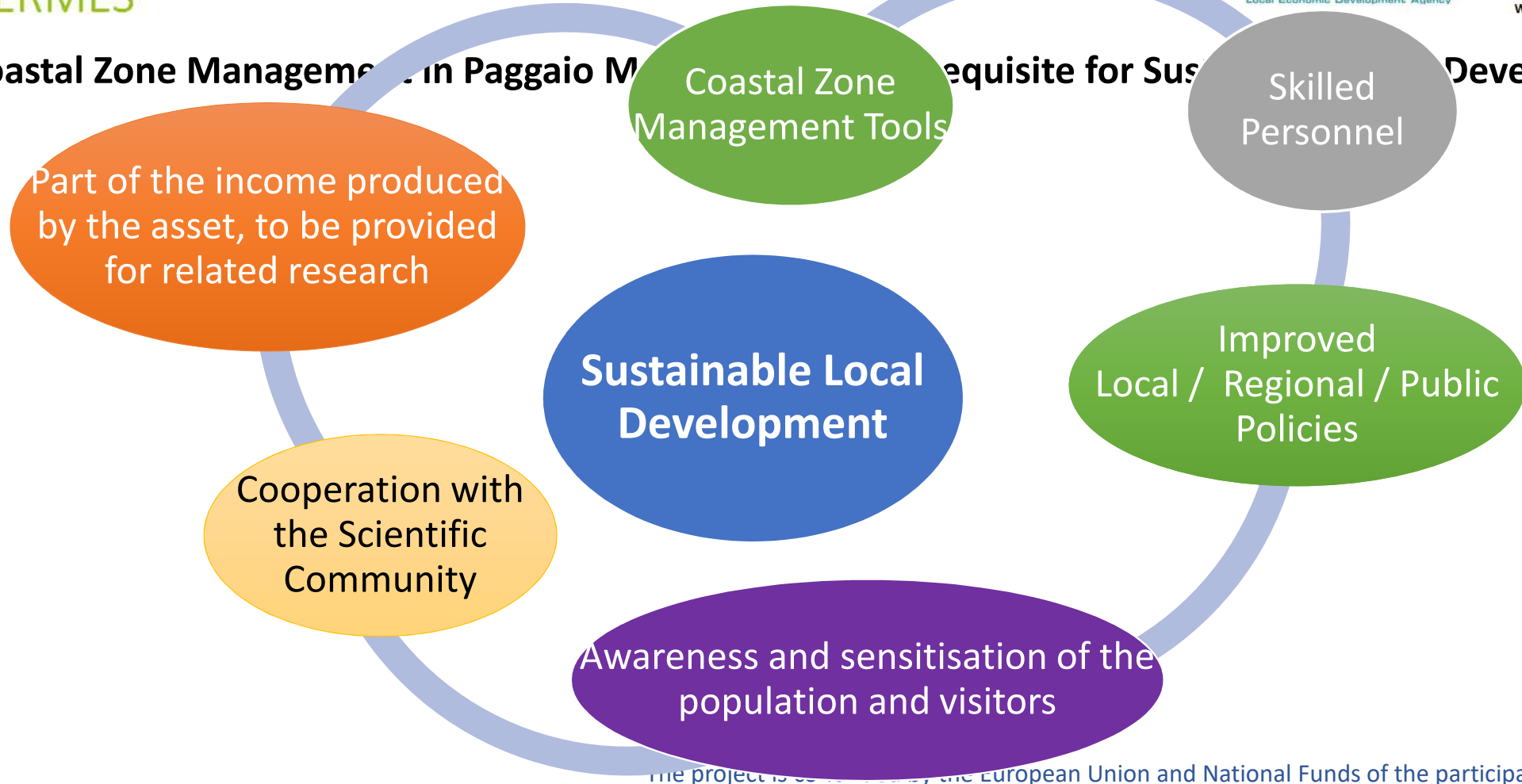
The coastal zone is a precious asset for the local economy. Sustainable development

we
hav
of climate change and other problems, in order for the subject asset to continue havin
a key role for the local economy.

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Coastal Zone Management in Pagaio Marine Park: A Prerequisite for Sustainable Development





<http://www.interreg-balkanmed.eu/approved-project/18/>



<https://www.facebook.com/HermesBalkanMedProject/>

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THANK YOU!

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