



CIRCIE 2019

Challenges for the Islands in the era of the Circular Economy



Project co-financed by the European
Regional Development Fund

LOCATIONS: Addressing cruise ships impact on urban mobility

Alexia Spyridonidou | CIVINET CY-EL



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Replicating organization for
LIMASSOL



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Mission

“Mitigate the impact **cruise ships - related traffic has on cities**, improving the quality of life of inhabitants and passengers”

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20
Partners

5
Countries

7
Port cities

ITALY

AREA Science Park (LP)
Trieste Port Authority
Municipality of **Ravenna**

ALBANIA

Albanian Institute of
Transport
Durres Port Authority

PORTUGAL

Lisboa e-nova
Municipality of **Lisbon**

SPAIN

CIRCE
Malaga Port Authority

CROATIA

Kvarner REA
Rijeka Port Authority
Municipality of **Zadar**

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project
main
outputs

- ❑ **1** operational model
- ❑ **7** Low Carbon Transport Plans (based on **14** modular packages)
- ❑ **5** further Low Carbon Transport Plans (LCTPs) in LOCATIONS original countries
- ❑ **6** new technical organizations are trained to **replicate** the LOCATIONS approach in other MED countries (+6 new LCTPs)

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An LCTP

Is developed based on a methodology of: 4 steps, 14 measure packages

Aims to:

- increase cruise cities' attractiveness and sustainability
- improve **sustainable mobility** of people and goods related to cruise flows
- in a **long term perspective** fosters the use of low carbon transport systems and **multi modal** connections for **cruise related** - passengers and freight flows in the frame of **wider** sustainable traffic and mobility policies (SUMP)

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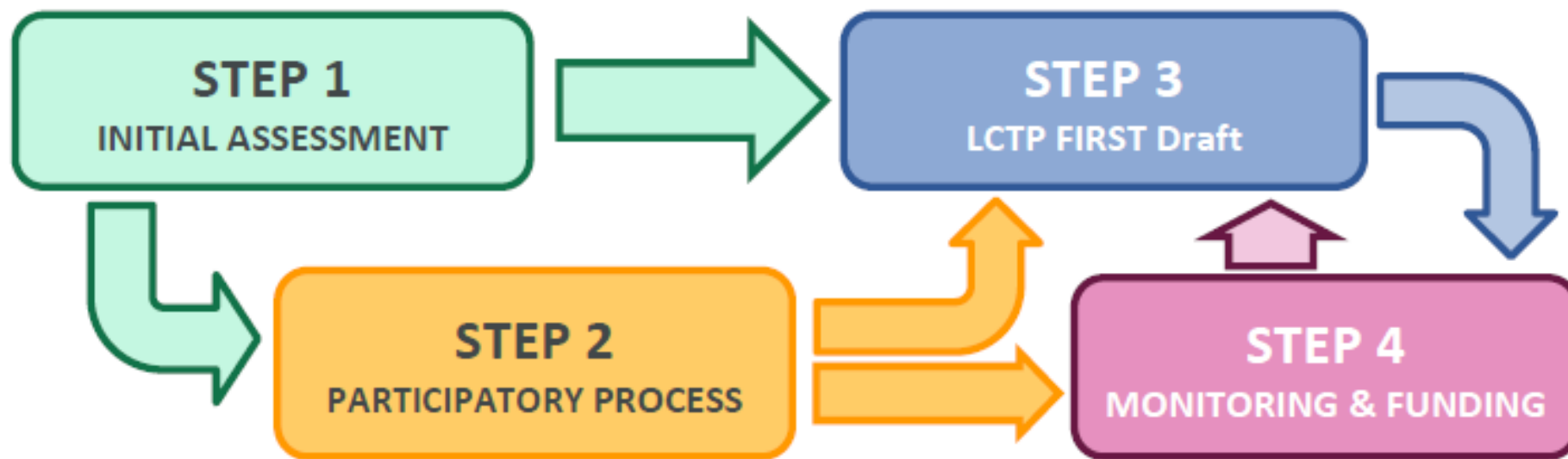
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LCTP work flow



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Step 1 – Initial assessment

Context analysis

- 1 EU, national, regional and local framework of reference.
- 2 Current cruise-related flows features, trends, etc., in the city/port.
- 3 Mid to long term development trends estimation and weight.
- 4 Catalogue of current policies/ public & private related initiatives.
- 5 Weighted list of negative impacts linked to the cruise-related flows.
- 6 Existing network, services and infrastructures in the city/ port.

Stakeholders identification

- 1 Stakeholders' identification by individuals, groups and entities.
- 2 Identification of stakeholders' expectations and relevance.
- 3 Information and data sources linked to stakeholders.
- 4 Stakeholders' relevance matrix (power vs. interest).





Step 2 – Participatory process

Getting the
stakeholders
on-board

Reaching out
to the cruise
passengers

Tailored local
activities

e.g.
consultation
meetings

e.g.
interviews





STEP 3 - Draft of the operational model

Context analysis, stakeholders' involvement & First phase of participatory process

- Main negative impacts, most urgent issues
- Long term problems
- Main barriers, opportunities...

DEFINITION OF
CURRENT SCENARIO

VISION AND STRATEGIC OBJECTIVES

Definition of actions and indicators

- Main objectives by area of work
- Operational goals
- Activities/ initiatives/ actions...

LOGFRAME MATRIX
APPROACH





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STEP 3 - Draft of the operational model

DEVELOPMENT OF FUTURE SCENARIOS

- 1- Nothing changes, neither for better nor for worse (Business as usual scenario)
- 2- Most positive possibilities foreseen actually occur, surpassing the expected outcomes and allowing to incremental adaptations.
- 3- Unexpected events or circumstances, mostly negative for the project, become a significant obstacle and hazard for the fulfillment of foreseen objectives.
- 4- Most likely scenario: events occur in the most likely way, progressing to a certain stage (not as good as they could have), but getting low or even stuck in some aspects.

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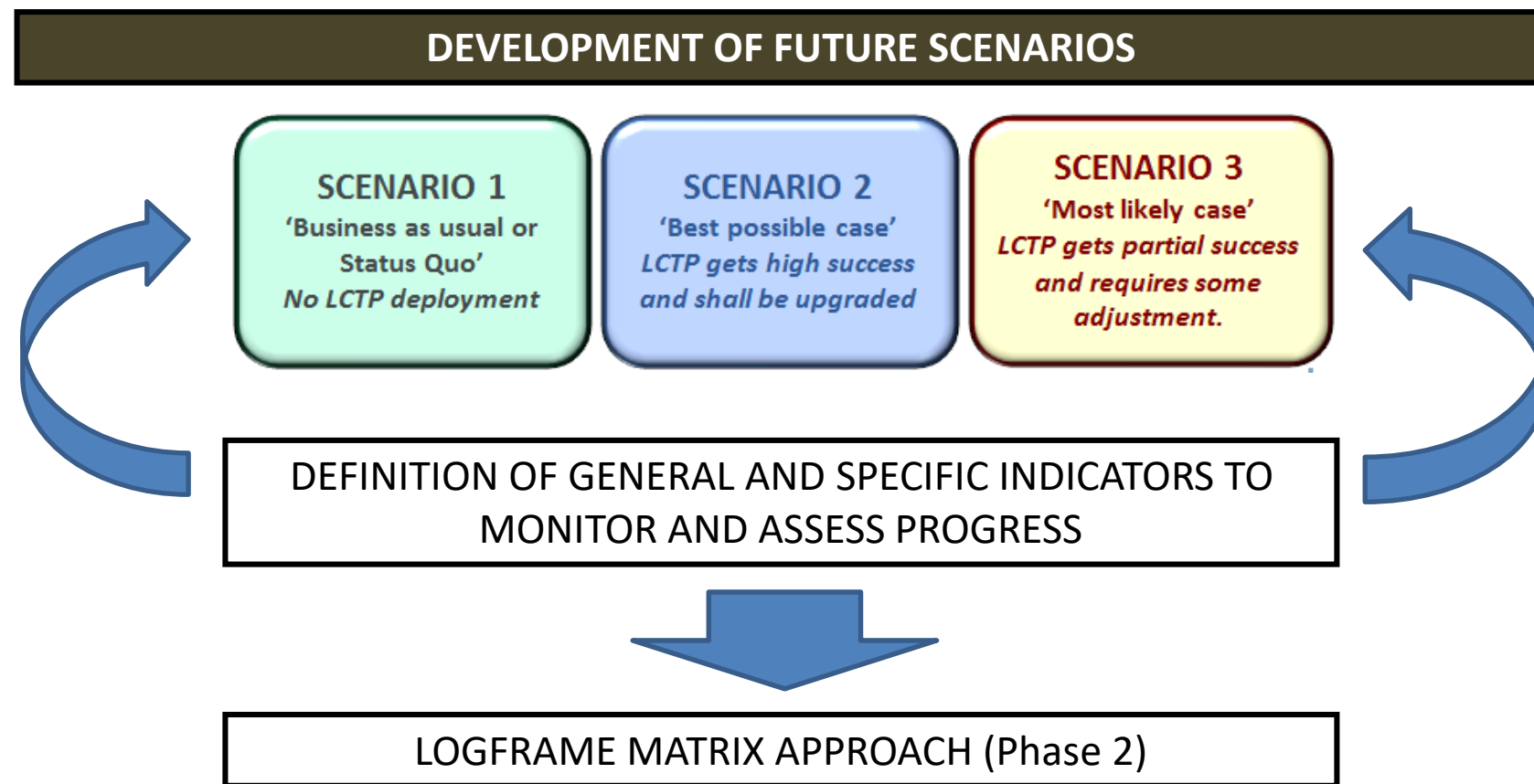
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STEP 3 - Draft of the operational model



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STEP 3 - Draft of the operational model

LOGFRAME MATRIX DEVELOPED



SECOND PHASE OF THE PARTICIPATORY PROCESS

Sharing and discussing objectives
Gaining support and consensus
Fostering empowerment and commitment



**LCTP
FIRST DRAFT**

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Who
What
How
When

Step 4 – Monitoring

1

Designate a person/team responsible for the monitoring process

Determine who will be in charge of every step/ milestone during the project

2

Define the milestones to evaluate along the LCTP life span

Determine indicators and source of data to evaluate every defined milestone

3

Define the critical points which could have a determinant impact

Identify actions to be taken in case the critical events take place

4

Establish a calendar including the previous elements





Step 4 – Funding

1

Identification of potential sources for funding.

2

Determine the actions to be taken to secure funding.

3

Design the person/entity in charged for the actions agreed.





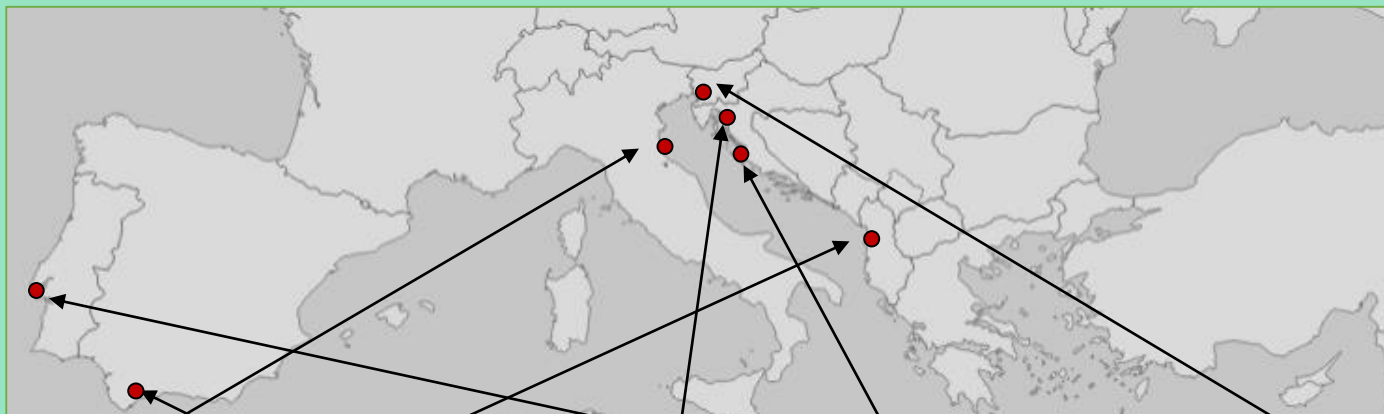
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**7 LCTPs
finalised &
evaluated !**



Ravenna

Durrës

Málaga

Rijeka

Zadar

Lisboa

Trieste

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**TESTING &
ELABORATION**

7 LCTPs

TIME REMAINING

**10
months**

**TRANSFERRING &
REPLICATION**

**6 new
LCTPs**

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5 new countries | 6 new port cities

- Cyprus: Limassol
- France: Riviera
- Greece: Igoumenitsa, Thessaloniki
- Malta: Valetta
- Slovenia: Koper

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CAPACITY BUILDING MANUAL

- Step by step guide
- References of examples & methodologies
- Tools

14 potential measure packages





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Hybrid, clean and electric vehicles	Electric mobility for cruise destinations
	Sharing mobility solutions for cruise destinations
	CNG and LNG solutions for cruise destinations
	Low carbon water transport
Port accessibility	Improving port accessibility
Accessibility	Traffic and bus flow management in cruise destination
	Sustainable options for people with reduced mobility
Intermodality	Fostering passenger intermodality
Ticketing and tariffs	Integrated tourist card
Cycling and walking enhancement/services	Improving walking route offer for cruise passengers
	Improving cycling route offers for cruise passengers
Access management and road pricing	Low emissions zones and congestion charge schemes
Parking management/pricing	Improving parking management
Real time and road users information	ICT solutions and wayfinding systems for cruise passengers

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stay
tuned!

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Thank you for your attention



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Thursday 28 - Friday 29 March 2019, Nicosia, Cyprus

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