

INTERREG MED Programme

2014-2020

ESMARTCITY

Enabling Smarter City in the MED Area through Networking

(3MED17_1.1_M2_022)

Priority Axis 1. Promoting Mediterranean innovation capacities to develop smart and sustainable growth

Specific Objective 1.1 To increase transnational activity of innovative clusters and networks of key sectors of the MED area

WP2 – Project Communication

Activity 2.10 – Synergies with the Green Growth Community

Deliverable 2.10.1 – “HP Transnational Event Participation report”

Contractual Delivery Date: **None**

Responsible Author: Athanasios Kalogeras

Co-Authors : Gonzalo Esteban Lopez, Christos Anagnostopoulos

Project Coordinator : **Iris Flacco (LP – ABREG)**

Dissemination Level		
PU	Public	
PP	Restricted to Programme Partners and MED Programme	
RE	Restricted to a Group defined by the Partnership and MED Programme	
CO	Confidential, only for members of the partnership and MED Programme	

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1 Introduction

1.1 Scope and objectives of the deliverable

This report has been developed within the ESMARTCITY project of the European program Interreg MED, and serves as a deliverable for the activity A2.10 “Synergies with the Green Growth Community”. More specifically, it represents D2.10.1 “**HP Transnational Event Participation report**” for MED Green Growth Business Forum organized during CIRCLE 2018 event, and its aim is to develop a report for each one of the 4 events in which ESMARTCITY project participated.

SYNGGI (Synergies for Green Growth Initiative - Energising the Impact of Innovation in the Mediterranean) aims to support the modular approved projects under the objective Green Growth of the priority Axis 1. Innovation of the Interreg MED Programme. The activities of the project support the sub-objective 1.1 and especially the Green Growth sub-priority, in order to serve the targets and strategies of the Managing Authorities for the MED Area. The project has been designed as an agile tool that will unify project results, support MED stakeholders and create a fruitful and collaborative environment for all implicated bodies.

Due to the work coordinated by SYNGGI project and Green Growth MED community, during ESMARTCITY project different activities have been accomplished, such as attendance to this event in Chania on September 20-22, 2018.

Once stated this, the report will include information about this event, including agenda, photos, type of attendees, as well as our participation/contribution, and conclusions.

1.2 Structure of the deliverable

This deliverable is structured in 4 chapters:

Chapter 1, "Introduction" provides the generalities of the deliverable identity.

Chapter 2, "Description of the event and agenda" presents the characteristics of the event, synergies among projects, and the agenda.

Chapter 3, “Participants” presents a description of the participants and some photos of the event.

Chapter 4, "Synergies and results / lessons learnt” presents the presentation and/or collaboration procedure, as well as main conclusions of the event and collaboration.

2 Description of the event and agenda

MAIN PROJECT DESCRIPTION:

In the framework of the SYNGGI Capitalization Work Package, the Interreg MED Green Growth Community will analyse and transfer the results delivered by the Modular Projects (MPs) of the community to capitalize the main outcomes to reach EU stakeholders and create policy recommendations for EU policy-makers.

The following outputs will be elaborated by the MED Green Growth community by the end of October 2019:

- Technical reports (white papers)
- Policy recommendations
- Legal recommendations and legal acts recommendations
- MED Green Growth book

In order to achieve these goals, 4 Thematic Working Groups (TWGs) have been created so as to facilitate systematic technical cooperation, synergies and joint work among the modulars in view of capitalization and policy outputs. The TWGs will also support the horizontal project to gather in a homogenous way modular project policy inputs and produce the above mentioned deliverables.

Taking into account the strong relevance of the Green Growth community thematic for the circular economy pillar, as well as the dynamism of this theme at EU level and the vivid legal framework that needs constant revision and input, effort is placed to relate the themes of the TWGs to the EU Circular Economy Action Plan. In order to monitor the progress towards the Circular Economy (CE), the EC has developed an indicator framework, aiming at measuring progress of CE's various dimensions at all stages of the lifecycle of resources, products and services. It has a set of ten indicators grouped into four stages and aspects of the circular economy: (1) production and consumption, (2) waste management, (3) secondary raw materials and (4) competitiveness and innovation.

EVENT:

The **MED Green Growth Business Forum during CIRCLE 2018 Conference** is held on September 20-22, 2018 in Chania, Greece. The objective of this event is to discuss the "Challenges for the Islands in the Era of the Circular Economy" in the Mediterranean.

The Circle 2018 Conference is under the auspices of the European Commission. The Conference targets primarily circular economy in the Mediterranean islands and to this end it investigates relevant good practices, promotes Green and Blue Growth for sustainable development and circularity.

The Business Forum is organized by the MED Green Growth Community providing the space for different stakeholders to meet and exchange views for transforming ideas into business opportunities fostering circularity and eco-innovation. The Forum also targets increasing the visibility and capacity of the Green Growth community and its modular projects, as well as connection to the enterprise world.

AGENDA:

Day 1

Thursday 20 September

09:00-09:30 Registration

09:30-10:30 Opening addresses

Stavros Arnaoutakis | Governor of Crete Region

Yannis Dragasakis | Deputy Prime Minister of Greece and Minister of Economy, the

Daniel Calleja Crespo | Director General DG ENV

Dominique Ristori | Director General DG ENER

Gabriella Žalac | Minister of Regional policy and EU funds, Croatia, the

George Patoulis | President of the Central Union of Municipalities of Greece (KEDE)

Anastasios Vamvoukas | Mayor of Chania

Gianni Chianetta | Director & Scientific Coordinator, Greening the islands

Patrik Kolar | Head of Dept. B, LIFE & H2020 Energy, Environment, Resources (EASME)

Nikolaos Penesakis | President of board DEDISA

Harris Mamoulakis | President of the Association of Solid Waste Management of Crete(ESDAK)

 **Sergio Ponsá Salas** | Interreg MED Green Growth Community (UVIC)

10:30-12:00 Circular Economy Initiative for the islands & clean energy initiative

Moderator: G. Kremlis | Honorary Director DG ENV

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Insularity and circular economy

D. Kanellopoulou | DG REGIO

EU policies on islands: Territorial Cohesion

Representative | DG ENER

Clean energy for the islands

V. Liogkas | Greek Ministry of Environment & Energy

Circular economy, waste challenges for the islands

G. Chianetta | Director & Scientific Coordinator, Greening the islands

Current and future challenges for the EU islands

A. Florou | DAFNI Network of Sustainable Greek Islands

2nd Smart Islands Forum: EU Islands in the post-2020 era

12:00-12:30 Coffee break

12:30-14:00 Strategies / Territorial Cohesion

Moderator: J.P. Halkin | Head of Unit D1 DG REGIO, the

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EU Priorities. Territorial cohesion; Interreg; macro-regional strategies (Adriatic/Ionian)

C. Economou | Head of Unit A3 DG MARE

Blue growth, blue circular economy and islands

H. Morsi | DG MOVE

TEN-T and territorial cohesion

Q/A & open discussion

14:00-15:00 Lunch break

15:00-17:30 Rethinking waste and circular economy

Moderators: H. Mamoulakis | President of the Association of Solid Waste Management of Crete (ESDAK), N. Penesakis | President of board DEDISA

M. Loizidou | NTUA, Greece

Sustainable SWM through the promotion of safe practices and technologies

J. Priesters | TOMRA Sorting, Norway

The future of plastics. The new plastics' economy

N. Penesakis | President of board DEDISA, Greece

Municipal solid waste management. Problems and solutions

P. Mourgos | REWARDING RECYCLING, Greece

Rewarding Recycling in Greece: a good practice to increase recycling targets

I. Konstantinidis | Antipollution Environmental protection services, Greece

Marine pollution: Port waste management. Threats and innovative solutions

A. Michou | ANAKEM s.a. System for Alternative Management of ECDW, Greece

Alternative Management of Excavation, Construction and Demolition Wastes

M. Ninolakis | Ferekarpos, Germany

Circular economy innovation schemes on olive cultivation waste products

Q/A & open discussion

21:00 Dinner in Chania (traditional cretan night)

Day 2

Friday 21 September

09:00-09:30 Registration/Welcome Coffee

09:30-11:00 Round table with various EU islands' representatives: Exchange of ideas, main needs, networking; support from the business community

Moderator: G. Sciacca | CPMR, tbc

Representatives of: INSULEUR, UK / GREENING THE ISLANDS, EU / REGION OF CRETE, GR / EUNOMIA, UK

11:00-12:30 Management of water resources. Non-conventional & smart applications.

Moderator: G. Chianetta | Director & Scientific Coordinator, Greening the islands

E. Baltas | NTUA, Greece

Development, application, methodology of Hybrid systems for covering water demand on islands

N. Kouyialis | Former Minister of Agriculture & Environment, Cyprus

Water desalination. Innovative methods for the islands

P. Gikas | TUC, Greece

Near zero Energy Wastewater treatment plants for the islands

A. Tsiomos | Multigas-Onflow, Greece

Electrolysis. An innovative solution for circular economy

Q/A & open discussion

12:30-13:00 Coffee break


13:00-14:00 Round table: Smart islands. The way forward. Sustainable, integrated solutions.

Social, environmental, economic and digital aspects

Moderator: H. Morsi | DG MOVE

Representatives of: ENEL-X, IT / EUNOMIA, UK / CYPRUS

14:00-15:00 Lunch break


15:00-16:30  **From projects to real market. Success stories & Good Company practices. Learning from experiences ***

Moderators: Interreg MED GG Community | G. Zarlenga | Director of CUEIM, Italy,
G. Kremlis | Honorary Director DG ENV, M. Loizidou | NTUA, Greece

** Interreg MED Green Growth associated partners*
CAPENERGIES / TECOS

Enterprises / SMEs

ENTERPRISE EUROPE NETWORK / ENEL-X / GIUNCO / STAER SISTEMI / LUMITIN / GRUP SOLUCIONS / BIOSOLIDS /
LAGADAS BIOGAS / SYCHEM / ERM ENERGIES / MILLS OF CRETE / ABEA / BIOXYM / VERO KRITIKO

16:30-17:30  **Circular Economy. From theory to implementation. Funding-Financing tools to support CE business models**

Moderator: P. Kolar | Head of Dept. B, LIFE & H2020 Energy, Environment,
Resources (EASME)

I. Kourti | European Bank for Reconstruction & Development (EBRD)

Investing in circular economy. The way forward

A. L. Rognlidalen | Innovation Norway

Financing opportunities within the Programme “Business Development, Innovation and SMEs”,
part of EEA and Norwegian Grants Financial Mechanism 2014-2021

C. Mena Abela | Executive Agency for SMEs (EASME), Brussels

EU funding opportunities. Boosting circular economy amongst SMEs. Creating more
employment and growth


S. Scarvelis | Interreg Programme

Interreg. Innovative financial instrument promoting harmonious economic, social and
territorial development

G. Mosangini | Team Leader SwitchMed, SCP/RAC, Spain

Innovative economic models (Funding-Financing SMEs)

Q/A & open discussion

17:30-19:00  **Parallel sessions - Business Forum**

“Fostering potential business opportunities and partnerships”

B2G meetings [Thales - Heraklitus room]

B2B meetings

B2Interreg meetings

moderator: Interreg MED Green Growth community

“Strategic alliances at the front of circular economy” (English language)

Round table: Interprogramme synergies [Epicurus room]

**Interreg MED (PANORAMED, Integrated, Horizontal projects, Modular projects,
LIFE, HORIZON, COSME)**

moderators: E. Hatziyanni | Director of Environment & Spatial Planning, Region of Crete,
M. Boy-Roura | Interreg MED Green Growth Community (UVIC)

19:00-19:30 Conclusions & next steps

S. Arnaoutakis | Governor of Crete Region

N. Penesakis | President of board DEDISA

G. Kremlis | Honorary Director DG ENV

Conference Conclusions, New Challenges for the islands. Introducing CIRCLE 2019

Day 3

Saturday 22 September

10:00-12:30  Parallel site visits

Site visit, DEDISA plant: Exploring high efficiency processes

Transfer to DEDISA

K. Paterakis | Director of MBT DEDISA

From bad to good practices. Surpassing the 2020 EU targets for recycling

Case studies:

- MBT DEDISA
- Treatment of landfill leachate, **Multigas-Onflow**

Q/A & open discussion

Transfer to Chania

Site visit, KALYVES: State-of-the-art technologies

Transfer to KALYVES

Case study:

- Watersafe electrolytic urban waste-water treatment method, **Multigas-Onflow**

Q/A & open discussion

Transfer to Chania

3 Participants

The CIRCLE 2018 Conference was registered by more than 280 participants coming from 21 countries.

There has been high representation of the EU in the event with representatives from DG ENV, DG REGIO, and DG MOVE. Important networks also participated the event comprising CPMR, Greening the Islands, INSULEUR and DAFNI. Different financial instruments and programmes supporting the conference include EBRD, Innovation Norway, EASME and Interreg MED.

More than 40 B2B and B2G meetings took place during the Green Growth Business Forum.

The Esmartcity project participated in the event with partners: Industrial Systems Institute – ATHENA Research Center, Region of Western Greece, and Capenergies.

4 Synergies and results /lessons learnt

The CIRCLE 2018 Conference provided useful conclusions with reference to its main theme, being circular economy with a special focus on islands. The theme of the event is compatible with the quest for Smart and Circular Cities which is the main topic behind the Esmartcity project.

Circular Economy seems to be supported by EU Funds and programmes in the current and the next programming periods. Different needs are associated with the promotion of the Circular Economy model, such as the need for awareness raising and capacity building, as well as the utilization of frameworks and tools supporting it.

A unified approach is needed with reference to the islands and the target of their sustainable development and territorial resilience. Macro regional strategies could play a significant role at EU level in detailing the needs of the islands and reinforcing the island dimension. Such a macro strategy could be the Adriatic Ionian macro strategy.

Furthermore, the specific needs of each island should be taken into account with reference to the Circular Economy actions needed to be enforced. This should be covered by a holistic approach offering holistic plans per island to deal with all different aspects of Circular Economy in a unified and integrated way.

Synergies should be an instrument to align islands together in an effort to increase their visibility and influence the different frameworks and programmes of the next programming period.

The Esmartcity project participated in the first two days of the Conference and got valuable insights with reference to the Smart Cities paradigm out of the general discussion on circularity. The energy efficiency and innovation enhancement towards offering smart services in cities are Esmartcity goals that can contribute to circularity and boost Smarter City paradigms.

An intervention to the conference was made by Loic Orofino of Esmartcity partner Capenergies in the 2nd day of the event. More specifically participation in the session “From projects to real market. Success stories and good company practices. Learning from experiences” detailed the clustering paradigm of Capanegies in France and the benefits to SMEs and entrepreneurship in general. Moreover contribution of the clustering enhancement towards more dynamic innovation ecosystems that can boost Smarter Cities was highlighted.

The Esmartcity project participated in B2B sessions during the Business Forum organized by the Green Growth Community, discussing with SMEs in the field of smart lighting and energy efficiency for promotion of the Smart City paradigm.



