



Project co-financed by the European  
Regional Development Fund

**MED Greenhouses**  
**“Green Growth through the capitalization of innovative  
Greenhouses”**

*2.3.1 - Reporting Knowledge from Horizontal project*  
**Agricultural Research Institute**

Project Details:

Programme: **Interreg MED 2014-2020**

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

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

Project Title: **Green Growth through the capitalization of innovative Greenhouses**

Project Acronym: **MED Greenhouses**

Reference No: **3082**

Lead Partner: **University of Thessaly**

Total Budget: **1,171,400 €**

Time Frame: **01/02/2018 - 31.12.2019**

Deliverable Details

WP: **2 – Project Communication**

Activity: **2.3 – Links with Horizontal Projects**

Deliverable Title: **Reporting Knowledge from Horizontal project**

Responsible Partner: **University of Thessaly**

Involved Partners: **ALL**

Date & Place of delivery: **30-9-2019, Nicosia**

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## Introduction

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This deliverable is undertaken in the context of Activity 2.3 "Links with Horizontal Projects". Main aim of this action is collecting information and experiences over the best approaches profiled by other projects within the various EU financed Programme in the field of Green Growth and particularly on this of energy efficiency and Eco-innovation.

This activity will enable motivation and international exchange of ideas and experience between consortia that have been working in the past or present on similar topics. The selection of the proposed consortia will be done in a complementary manner so that each one will be bringing specific skills of the highest quality which can further the progress of the present consortium and the project. The action addresses both actors of R&D and innovators communities & thematic projects.

Each Partner will elaborate one report presenting knowledge, experiences and best practices exchanged with other related projects within or outside Interreg MED Community, contributing to the capitalisation, dissemination of project's activities and results.

The exchanged knowledge and experiences can be achieved through participation in events of Interreg MED Programme (including events organised by Green Growth Community), or other EU programmes (through synergies with partners of other relevant EU projects).

The Joint Report will be elaborated by WP Leader with the contribution of all the partners.



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# 1. 2<sup>nd</sup> Thematic Working Groups workshop Green Growth Community Interreg MED (Thessaloniki – 6/5/2019)

## 1.1 Participants List – Agenda



### Interreg MED Green Growth community Thematic Working Groups workshop

6<sup>th</sup> March 2019, Thessaloniki – Greece

Venue: [Hotel Egnatia Palace](#), 61, Egnatia Str.

Register [here!](#)

09:30 - 10:00	<b>Welcome and registration</b>
10:00 - 10:30	<b>Thematic Working Groups on Circular Economy - state of the art of the objectives and outcomes</b> MED Green Growth community
10:30 - 10:45	<b>Collaboration with Union for the Mediterranean</b> Alessandra Sensi, UfM Secretariat
10:45 - 11:15	<i>Coffee break</i>
11:15 - 12:00	<b>Potential contributions of the TWGs to EU circular economy developments and collaboration with relevant projects</b> EU H2020 projects HYDROUSA & SCREEN (tbc)
12:00 - 12:15	<b>Presentation of the 1st draft of the MED Green Growth white papers</b> Steffen Schwörer, external expert MED Green Growth community
12:15 - 13:15	<b>Workshop white papers</b> Steffen Schwörer, external expert MED Green Growth community
13:30 - 15:00	<i>Lunch</i>
15:00 - 17:00	<b>Thematic Working Groups parallel sessions</b> TWG 1 - Production and Consumption: Resource efficiency TWG 2 - Production and Consumption: Smart and Green Public Services TWG 3 - Waste prevention & management TWG 4 - Competitiveness and innovation
17:00 – 18:00	<b>Wrap up of the TWG &amp; Next steps</b>

Figure 1 – Agenda of 2<sup>nd</sup> TWG

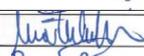
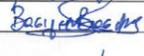
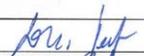
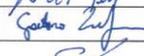
N.	Name	Surname	Project	Institution	Signature
63	Martina	Vallerotonda	SYNGGI	CUEIM	
64	Vassilis	Vassiliou	MED GREENHOUSES	Agricultural Research Institute	
65	Loukia	Vassiliou	MED GREENHOUSES	Agricultural Research Institute	
66	Larisa	Vodeb	FinMED	Chamber of Craft and Small Business of Slovenia	
67	Gaetano	Zarlenga	SYNGGI	CUEIM	
68	Ervin	Zecevic	RE-LIVE WASTE	Faculty for Agriculture and Food Sciences University of Sarajevo	
69	Evaggelia	Zisiadi	MED GREENHOUSES	Region of Thessaly	
70	DAVIDA	SAMI	REINWASTE	ASTER - Emilia-Romagna	
71	Eugenia	Tsiontoli	MED GREENHOUSES	Region of Thessaly	
72					

Figure 2 – Participation list of 2<sup>nd</sup> TWG

## 1.2 Minutes

In the framework of the SYNGGI (Horizontal project) Capitalization Work Package, the Interreg MED Green Growth Community analyses and transfers the results delivered by the Modular Projects (MPs – including MED Greenhouses) of the community to capitalize the main outcomes to reach EU stakeholders and create policy recommendations for EU policy-makers.

The following outputs are still under elaboration and several issues were discussed during the 2<sup>nd</sup> Thematic Working Group (TWG) that was held in Thessaloniki on the 6<sup>th</sup> of March 2019 by the MED Green Growth community:

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

In this context, the Agricultural Research Institute of Cyprus with 1 representative (Mr Vasilis Vassiliou) participated in the 2<sup>nd</sup> TWG in order to be informed for the capitalisation strategy adopted by the Community. In general, the TWGs aim 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 (SYNGGI) to gather in a homogenous way the policy inputs of the Modular projects and produce the above-mentioned outputs.

### 1.3 Photo Gallery



Figure 3 – Photos from 2<sup>nd</sup> TWG

### 1.4 Key points- Conclusions

After a very fruitful debate and several workshops with the partners of the horizontal and modular projects, the following conclusions were drawn for the MED Greenhouses project:

- **Possible synergies / contributions of the TWG to the plenary session presentations such as UfM and EU projects**

- MED GREENHOUSES & HYDROUSA project: SEMIDE is partner in both projects. An expert involved in the desalination phase of HYDROUSA will participate in MED GREENHOUSES' training sessions.
- **Identified relevant projects/initiatives for collaboration:**
  - MED GREENHOUSES & ARISTOIL: already collaborating (workshops, training seminars)
  - MED GREENHOUSES & REINWASTE
- **Decision makers:**
  - Exploitation of the MED network, regional authorities and development Agency within the consortiums e.g. Region of Thessaly, Molise development Agency, Region of PACA (MED GREENHOUSES).
  - Synergies between MPs in terms of contacts/ stakeholders should be explored.
- **Communication with authorities:**
  - Proposal ending in a "regional amendment".
  - Contact already established with regional government. The aim is to promote best practices to the regional government so as for them to transfer them to farmers.
  - Exploitation of regional authorities within the consortium.
  - Capitalization of results of Adapt2change

**Barriers:**

- There is deliverable to be prepared dedicated to legal barriers.

At the end of the meeting the following points were underlined as the next steps:

For the Legal recommendations:

The expert will prepare a new template with open questions for the MPs. Guidelines/ examples of answers will be given. Include the option in Google forms for the users to download their replies, to keep a technical record of what is written.

For the White papers:

Feedback from the workshop. It would help a lot of the MPS could highlight already implemented actions / results related to the white papers.

We will make an effort and which technical results could be translated into policies/ legal recommendations.

For the Policy recommendations:

MED GREENHOUSES: A consultation has already taken place organized by the region of PACA and a policy recommendation was drafted to be forwarded at regional level. The recommendation was to separate the financial strategy of national and regional strategy.



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## 2. Online Thematic Working Group (TWG - 1<sup>st</sup> online meeting) / Synergies with GG community

### 2.1 Invitation

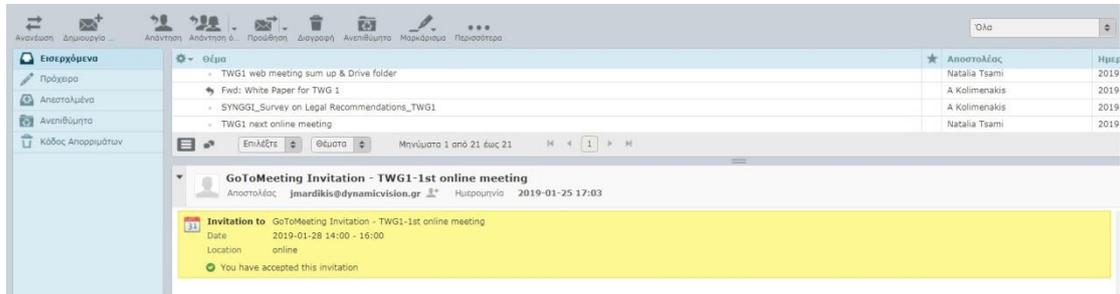


Figure 4 – Invitations for the online-TWG (1<sup>st</sup> online meeting)

### 2.2 Minutes

During the 1<sup>st</sup> online Thematic Working Group (TWG), the participants discussed over the main objectives and the roadmap to be followed until the next meeting.

The 1<sup>st</sup> online meeting were organized around the initial topics of discussions from Albania, with SYNGGI project partners recapitulating the conclusions and the modular projects contributing with further developments based on the internal discussions. The contents of the technical document, and possible integrations were explored.

#### File of reference: **“GreenGrowth TWG1”**

The file was updated. The MPs have been asked to add their comments on the new document.

2) Each modular project was asked to answer to the following questions regarding their respective policy / capitalization framework.

1. What policies are you targeting in your project?
2. How do you target them? (e.g., policy recommendations, technical inputs, etc.)
3. By when are you expecting to produce your outcomes?

#### File of reference: **“SYNGGI TWGs- questions template”**

The file had been shared among partners. The MPs have been asked to fill in their answers **up to 20/02/2019**.

### 2.3 Potential Collaborations with Other project: **Aristoil**

Short description:

ARISTOIL project suggests solutions to existing problems, trying to combine the expertise of the scientific partners. Main problems are:

1. No officially recognized method for measurement of the olive oil phenolic ingredients that are responsible for the health protecting properties and for this reason there is no commonly accepted way for monitoring the quality regarding the health claim.
2. Producers' lack of knowledge on olive oil production that fulfil the health claim criteria because there is also lack of robust data concerning the agronomic and processing factors that influence the levels of the phenolic ingredients in olive oil.

Consequently, what the partners are called to do is to optimize and cross validate the best available methods of chemical analysis (NMR, LCMS, colorimetry) offering new commonly accepted tools for olive oil quality monitoring. The analysis methods will be adopted by two certification centers in Greece and Spain. The analytical methods will be applied to the analysis of 3,000-5,000 samples of olive oil in order to investigate the most critical factors (e.g.variety,harvest time,processing parameters).

Main Objective:

The main objective of ARISTOIL is the reinforcement of Mediterranean olive oil sector competitiveness through development and application of innovative production and quality control methodologies related to olive oil health protecting properties (as recognized by EU 432/2012 regulation). The development of a) a Mediterranean Cluster for olive oil producers and businesses combined with b) specialised training, development of innovative methods for identifying the phenolic ingredients of the oil as well as c) oil producers' support by special product certification is the mixture which will lead to the project's objective.

Project's Partners: (10)

1. LP. EGTC Efxini Poli - SolidarCity NETWORK, Greece/ Attica
2. SVI.MED - Euro Mediterranean Center for the Sustainable Development, Italy/Sicilia
3. National and Kapodistrian University of Athens, Greece/ Attica
4. Larnaca-Famagusta District Development Agency, Cyprus/ Larnaca
5. Aristoleo - Cyprus / Nicosia
6. University of Split- Croatia /Split
7. University of Cordoba- Spain/ Andalusia
8. Free Municipal Consortium of Ragusa, Italy/ Sicilia
9. Region of Peloponnese, Greece/Peloponnese
10. Diputación de Málaga (Provincial Government of Malaga), Spain/ Malaga

EU Program: Interreg MED 2014-2020

Relevant Deliverables/outputs produced in the project:

- Training events for 3230 olive oil producers and millers
- Awareness raising for consumers
- Development of a standardised procedure for Olive oil "Health Claim" certification
- Development of Mediterranean Olive oil cluster of key actors

**Name of the partner/organization you aim to collaborate with:** SVI.MED

## 2.4 Photo Gallery

n/a

## 2.5 Key points- Conclusions

The Mapping potential future synergies within the MED Green Growth Community were identified through the online meetings:

- online synergies between CAMARG zero-km marketplace, MADRE urban agriculture digital platform and the future e-learning platform of **MED GREENHOUSES** with the view of creating an online hub of agro-food innovative online tools in the MED area;
- valorization of GREENOMED and MADRE various clusters experience in the design and implementation of ESMARTCITY clusters, of REINWASTE transnational agro-food packaging reduction clusters, the 2 EMBRACE wine and agro-food meta-clusters, the **MED GREENHOUSES** Agricultural Transnational Innovative Cluster;
- Aristoil and **MED Greenhouses**

## ANNEXES

- Green Growth TWG1
- SYNGGI TWGs- questions template



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### 3. Online Thematic Working Group (TWG - 2<sup>nd</sup> online meeting)

#### 3.1 Invitations

##### TWG1 online meeting

Dear all,

regarding our work within TWG1, it is about time to set our next online meeting to catch up!

Please let us know of your availability at the proposed day-time. More information regarding the meeting will be sent to you on Friday, 05/04.

Best regards,  
Natalia

When Thu Apr 11, 2019 11am – 12pm Eastern European Time - Athens

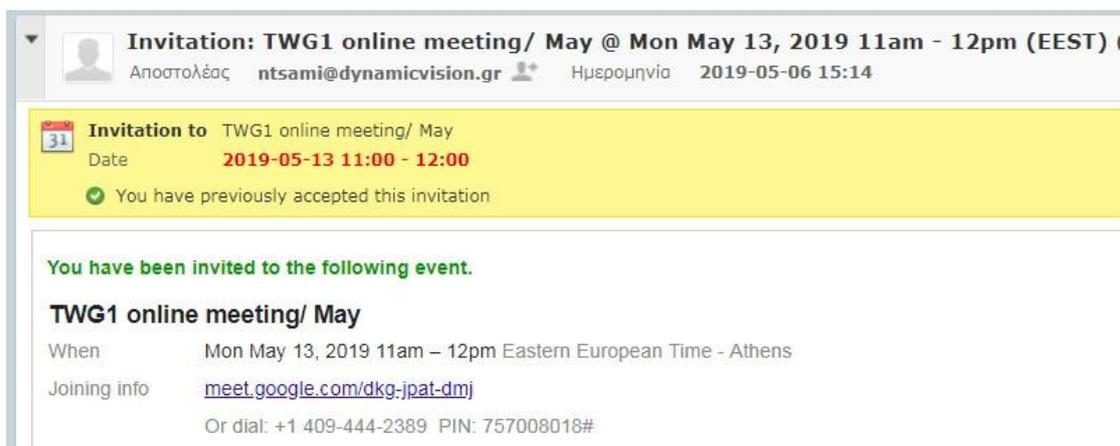


Figure 5 – Invitations for the online-TWG (2<sup>nd</sup> & 3<sup>rd</sup> online meetings)

#### 3.2 Minutes

The two online Thematic Working Groups were organised by the Horizontal project SYNGGI of the Green Growth Community (GGC) in April & May 2019. The discussions concerned the

- The Green Book and the contribution of the modular projects,
- The White Paper and the contribution of the modular projects,
- Policy & legal recommendations contributing to Green Growth and Circular Economy and the online relevant survey.

1) The concept of “legal recommendations” was discussed. The GGC will provide a brief questionnaire- guide to be filled in by the Modular Projects.

2) The objectives, the structure and the added value of the **White Paper** was also discussed, and the partner (Dynamic Vision) of SYNGGI project requested for specific

information to be filled as contribution of the modular projects to this document which is one of the main outputs of the GGC.

3) The objectives, the structure and the added value of the **Green Book** was also discussed, and the partner (Dynamic Vision) of the SYNGGI project requested for specific information to be filled as contribution of the modular projects to this document which is one of the main outputs of the GGC.

The requested input that was provided by the partners of the MED Greenhouses project for the above topics is attached separately in Annexes.

### **3.3 Potential Collaborations with other project: REINWASTE**

#### Short description:

(REmanufacture the food supply chain by testing INNovative solutions for zero inorganic WASTE) promotes the adoption of greener innovative concepts in the agriculture and food industry to prevent inorganic waste and thus ensuring that the sector is less resource intensive.

#### Project's Partners:

1. AGENCIA DE GESTIÓN AGRARIA Y PESQUERA DE ANDALUCÍA, GRANADA
2. SOCIETÀ CONSORTILE DELL'EMILIA-ROMAGNA PER L'INNOVAZIONE E IL TRASFERIMENTO TECNOLOGICO, BOLOGNA
3. ASSOCIATION NATIONALE DES INDUSTRIES ALIMENTAIRES, PARIS
4. INSTITUTO DE INVESTIGACIÓN Y FORMACIÓN AGRARIA Y PESQUERA, SEVILLA
5. CENTRE RÉGIONAL D'INNOVATION ET DE TRANSFERT DE TECHNOLOGIES AGROALIMENTAIRES, AVIGNON
6. FEDERACIÓN ESPAÑOLA DE INDUSTRIAS DE LA ALIMENTACIÓN Y BEBIDAS, MADRID
7. UNIVERSITY OF EAST SARAJEVO, SARAJEVO
8. CONFEDERAZIONE GENERALE DELL'AGRICOLTURA ITALIANA, ROMA
9. FEDERAZIONE ITALIANE DELL'INDUSTRIA ALIMENTARE, ROMA
10. CHAMBRE RÉGIONALE D'AGRICULTURE PROVENCE-ALPES-CÔTE D'AZUR, AIX-EN-PROVENCE

#### Objectives:

REINWASTE aims at helping Companies from the Food industry and the Agriculture reduce in very drastic ways their own packaging and replace them by recycled plastics. The project sets up a methodology to prevent and minimize their waste and valorize the use of bio-based materials within the products and processes. With the support of three influencing Public and Private Partnerships, three value chains are



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involved in testing innovative solutions in inorganic waste : horticulture in Andalucía, meat in Sud-PACA, dairy in Emilia-Romagna. External expert teams will cooperate with Companies according to a collaborative and open innovation approach. Innovative solutions are planned to move towards Bosnia-Herzegovina, involving the academic and scientific world.

EU Program: Interreg Med 2014-2020

Relevant Deliverables/outputs produced in the project:

- Protocols and common guidelines of sustainable management of inorganic waste, plastic and food packaging in the entire food system.
- Dataset of Key Enabling Technologies (KETs) and products quick intercepting most promising zero waste solutions.
- 5 Open innovation labs.
- 3 Regional Action Plans to favour SMEs innovation.
- 9 Plans for transferability to avoid packaging waste and packaging waste prevention to other Agrofood and Agriculture supply chains.
- Market analysis and feasibility study for launching the new REINWASTE service.

Name of the partner/organization you'll get in contact with: **CRITT PACA**

### **3.4 Photo Gallery**

n/a

### **3.5 Key points- Conclusions**

Contribution of MED Greenhouses project to the White paper & the Green book.

The contribution of the MED Greenhouses partners for the relevant topics is attached separately in Annexes.

## **ANNEXES**

- SYNGGI - D.4.2.1 - Modular projects data collection
- SYNGGI\_TWGs\_-\_Contribution of MED\_Greenhouses
- White Paper 1 Resource Efficiency\_Draft 2\_100619\_MED\_Greenhouses



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