



Project co-financed by the European
Regional Development Fund

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

Report for the Final Conference
(session 1 – Sustainable Agriculture & Energy Efficiency)

University of Thessaly - LP1

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: 3

Activity: 3.2

Deliverable Title: 3.3.2 – Final Conference

Responsible Partner: University of Thessaly (LP1)

Involved Partners: ALL

Date & Place of delivery: 13/12/2019



Agricultural Research Institute



Contents

1. Introduction.....	3
2. Agenda – Invitation – Participants List.....	4
2.1 Invitation.....	4
2.2 Agenda.....	4
2.3 Participants List.....	5
3. Minutes.....	7
4. Indicative Photo Gallery.....	15
Annexes.....	16



1. Introduction

This report includes the minutes, the agenda, the participants list and a short photo gallery from the Final Conference that was organised by the University of Thessaly on 4/12/2019 in Volos of Greece, in the context of the MED Greenhouses project.

The Final Conference is one of the deliverables of the project (del.3.3.2) and was conducted in the context of the Activity 3.3 - *Synergies & Establishment of Transnational Innovative Cluster* and the Work Package 3 – *Capitalising*.

The Activity 3.3 aims to create synergies among actors of the quadruple helix related with agriculture/greenhouse sector. This will be achieved through the establishment the Agricultural Transnational Innovative (ATI) - Cluster and the Memorandum of Agreement / Understanding which was officially announced and presented in the Final International Conference of the project.

2. Agenda – Invitation – Participants List

2.1 Invitation



Project co-financed by the European Regional Development Fund



Project co-financed by the European Regional Development Fund



UNIVERSITY OF
THESSALY

Invitation for participation in the International Conference for
Green Growth & Energy Efficiency

Session 1: MED GREENHOUSES project

Session 2: TEESCHOOLS project

in the context of **Interreg MED program 2014-2020**

With the participation of stakeholders & policy makers

Wednesday 04 December 2019 / 09:00 - 16:00

University of Thessaly
Department of Agriculture Crop Production & Rural Environment
Central Amphitheater
Fytokou str. N. Ionia, Volos



2.2 Agenda



Project co-financed by the European Regional Development Fund



Agenda session 1 – Sustainable Agriculture & Energy Efficiency The MED Greenhouses project

09:00 – 09:30 Registration

09:30 – 09:45 Welcome Speech (Project Coordinator - Prof. Papachatzis)

09:45 – 10:00 Welcome Speech (Governor of Thessaly – K. Agorastos)

10:00 – 10:20 Presentation of Project Results / Achievements (Prof. Papachatzis)

10:20 – 10:40 Presentation of the ATI-Cluster & the MoU/A (P. Filippidis)

10:40 – 11:00 Gap Analysis & Policy Recommendations (K. Karampourniotis)

11:00 – 11:30 Coffee break

11:30 – 11:50 Gardenia greenhouse growers group. A case of a greenhouse growers cluster (N. Tsalouchos & T. Lampis)

11:50 – 12:10 Recent trends and Development in greenhouse horticulture (A. Sapounas)

12:10 – 12:30 EU funding opportunities for greenhouses growers (G. Dimokas)

12:30 -12:50 Green Growth Community - HP (D. Kokosioulis – Dynamic Vision)

12:50 – 14:00 Lunch break



Agricultural Research Institute



2.3 Participants List

Project co-financed by the European Regional Development Fund

Project co-financed by the European Regional Development Fund

Project co-financed by the European Regional Development Fund

MED GREENHOUSES & TEESCHOOLS PROJECTS
Final Conference (Volos, 04-12-2019)

We carefully treat all data collected in confidential and strictly use it under the framework of MED Greenhouses & TEESCHOOLS project activities in compliance with the EU legal regulations and the Interreg MED Programme. All data collected and managed under the activities of the MED Greenhouses & TEESCHOOLS projects remain accurate, public information, once registered, in full compliance with the new Regulation (EU) 2016/679, General Data Protection Regulation. More info on our official website: <https://medgreenhouses.interreg-mediterranean.eu/teeschools/conflict-and-privacy-statement>

Participants List

First Name	Last Name	Organization	E-mail	Signature
Dimitris	Papantoniou	University of Ioannina	dipapant@cc.uoi.gr	[Signature]
Paschalis	Antonis	ASSANDROS	dpasand@assandros.gr	[Signature]
Adolfo	Colacium	MOLISE TOWNARD 2000	adolfo@colacium.it	[Signature]
Stefano	Norimo	MOLISE TOWNARD 2000	stefano.norimo@molise2000.it	[Signature]

Project co-financed by the European Regional Development Fund

Project co-financed by the European Regional Development Fund

Project co-financed by the European Regional Development Fund

Participants List

First Name	Last Name	Organization	E-mail	Signature
Roberto	D'Amico	Gal Molise 2000	roberto@d'amicoroberto.it	[Signature]
Naroua	Oueslati	SEMIDE	N.Oueslati@semide.org	[Signature]
Milobos	Latsoulas	UTH	mlatsoul@uth.gr	[Signature]
Mari	Woruchandra	CEBAS-CSIC	Mari.woruchandra@cebas-csic.org	[Signature]
António	García García	CEBAS-CSIC	agarcia@cebas-csic.org	[Signature]
Serafino	Si Paola	MOLISE TOWNARD 2000	s Serafino@molise2000.it	[Signature]
Frautesca	Civico	MOLISE TOWNARD 2000	Frautesca@molise2000.it	[Signature]
Papantoniou	Norimo	UTH	dpapant@uth.gr	[Signature]
Vasilantzeas	Vasiliki	UTH	Vasilantzeas@uth.gr	[Signature]

Project co-financed by the European Regional Development Fund

Project co-financed by the European Regional Development Fund

Project co-financed by the European Regional Development Fund

Participants List

First Name	Last Name	Organization	E-mail	Signature
Isidoros	Sideroulas	TRT-TV	tsideroul@trt.gr	[Signature]
Georgios	Lyssalli	EGEC EFMD BDI	georgios@bdidirect.gr	[Signature]
Dimitris	Kagiantzias	ΠΘ	kagiantzias@postoffice.gr	[Signature]
Konstantinos	Pantelis	ΠΘ	konstantinos.pantelis@upat.gr	[Signature]
George	Pappas	EGEC EFMD BDI	gpappas@bdidirect.gr	[Signature]
Konstantinos	Karamanolis	Living Projects	konstantinos@livingprojects.gr	[Signature]
Paulos	Filipidis	UTH (external)	paulos@uth.gr	[Signature]
Nicola	Tzortzis	Tzortzis & Partners	ntzortzis@tzortzis.gr	[Signature]

Project co-financed by the European Regional Development Fund

Project co-financed by the European Regional Development Fund

Project co-financed by the European Regional Development Fund

Participants List

First Name	Last Name	Organization	E-mail	Signature
Αθανάσιος	Μορέας	ΠΕΡΙΦΕΡΕΙΑ ΚΕΡΑΛΙΑ	athanasios@moareas.com	[Signature]
ΒΑΣΙΛΗΣ	ΒΑΣΙΛΑΪΟΥ	INERT BYTES	vassilis@inertbytes.com	[Signature]
ΜΑΡΚΟΣ	ΜΑΡΑΦΟΥ	---	markos@marafou.gr	[Signature]
ΜΑΡΙΑΝΝΟΣ	ΜΑΡΚΟΥ	UTH	marianos@marcou.gr	[Signature]
ΕΡΕΥΝΗ	ΠΑΡΕΚΚΑ	UTH	erayni@paracka.com	[Signature]
Αλέξανδρος	Αντωνίου	ΑΝΘΟΣ 2000	alexandros@anthos2000.gr	[Signature]
ΕΛΙΣΑΒΕΤ	Αντωνίου	UTH	elisavet@anthos2000.gr	[Signature]
Ηλίας	Αντωνίου	ΕΚΕΠΤΘ	iliass@anthos2000.gr	[Signature]

Project co-financed by the European Regional Development Fund

Project co-financed by the European Regional Development Fund

Project co-financed by the European Regional Development Fund

Participants List

First Name	Last Name	Organization	E-mail	Signature
Nicos	Μαργαρίτης	Navia Oceanics	nmargari@naviaoceanics.com	[Signature]
Γεώργιος	Μαρκαντώνης	UTH	georgios@markantonis.com	[Signature]
Μαργαρίτα	Μαρκαντώνης	Navia Oceanics	gmargari@naviaoceanics.com	[Signature]
Μαργαρίτα	Μαρκαντώνης	Navia Oceanics	margari@naviaoceanics.com	[Signature]
Ευαγγελία	Μαργαρίτη	Navia Oceanics	evi-margari@naviaoceanics.com	[Signature]
Ορέστης	Μαρκαντώνης	Navia Oceanics	orestis@naviaoceanics.com	[Signature]
Βασίλης	Μαρκαντώνης	Navia Oceanics	vassilis@naviaoceanics.com	[Signature]

Project co-financed by the European Regional Development Fund

Project co-financed by the European Regional Development Fund

Project co-financed by the European Regional Development Fund

Participants List

First Name	Last Name	Organization	E-mail	Signature
Αθανάσιος	Χατζής	Navia Oceanics	athanasios@naviaoceanics.com	[Signature]
Αντώνιος	Σιδεράς	Navia Oceanics	antonios@naviaoceanics.com	[Signature]
Ζωή	Μαρκαντώνης	Π.Θ.	zoi@markantonis.com	[Signature]
Κωνσταντίνος	Μαρκαντώνης	Π.Θ.	konstantinos@markantonis.com	[Signature]
Στέφανος	Μαρκαντώνης	Π.Θ.	stefanos@markantonis.com	[Signature]
Ευαγγελία	Μαρκαντώνης	Π.Θ.	evaggelia@markantonis.com	[Signature]
Ναυα	Μαρκαντώνης	Π.Θ.	navia@markantonis.com	[Signature]
Ελευθερία	Μαρκαντώνης	Π.Θ.	elivethria@markantonis.com	[Signature]

Project co-financed by the European Regional Development Fund

Project co-financed by the European Regional Development Fund

Project co-financed by the European Regional Development Fund

Participants List

First Name	Last Name	Organization	E-mail	Signature
Χρυσή	Μαρκαντώνης	Π.Θ.	chrysi@markantonis.com	[Signature]
Γεωργία	Χριστοδουλάκη	Navia Oceanics	georgina@naviaoceanics.com	[Signature]
Αναστασία	Μαρκαντώνης	Navia Oceanics	anastasia@naviaoceanics.com	[Signature]
Μαργαρίτα	Μαρκαντώνης	Navia Oceanics	margari@naviaoceanics.com	[Signature]
Μιχάλης	Χριστοδουλάκης	Navia Oceanics	mihaelis@naviaoceanics.com	[Signature]
Μαργαρίτα	Μαρκαντώνης	Π.Θ.	margari@markantonis.com	[Signature]
Σοφία	Μαρκαντώνης	Navia Oceanics	sofia@naviaoceanics.com	[Signature]
Βασίλης	Μαρκαντώνης	Navia Oceanics	vassilis@naviaoceanics.com	[Signature]

Project co-financed by the European Regional Development Fund









Project co-financed by the European Regional Development Fund

Project co-financed by the European Regional Development Fund








Participants List

First Name	Last Name	Organization	E-mail	Signature
Olympia	Spanidou	University of Thessaly	olympan_99@hotmail.gr	[Signature]
Victoria	Nikola	University of Thessaly	vikola99@gmail.com	[Signature]
Eleni	Karatsiou	University of Thessaly	elkaratsiou@uth.gr	[Signature]
Anna-Lampri	Stavrou	University of Thessaly	stannal353@yaho.com	[Signature]
Sotiris	Palaeokrasi	Kanta Palaeokrasi	sotiris.palaeokrasi@gmail.com	[Signature]
Tassos	Βασιλείου	ΠΑΟΕ ΚΥΠΡΟΥ	tvasileiou17@gmail.com	[Signature]
Achilles	Παπαχρητίου	ΑΠΘ	achilles@papachristi.com	[Signature]
Alexandros	Παπαχρητίου	UTH	alexandros@papachristi.com	[Signature]









Interreg 
Mediterranean
 Project co-financed by the European
 Regional Development Fund
 MED Greenhouses

First Name	Last Name	Organization	E-mail	Signature
Ευαγγελία	Καλοβάρη	Π.Θ.	calogdanos55@gmail.com	
Αννα	Μαργαρίτη	Π.Θ.	anna.margari2@gmail.com	
Εύα	Ζαχαριάδης	Π.Θ.	elena.zachariadis1994@gmail.com	
Ανδριάνα	Σαββαΐδου	Π.Θ.	ssavva98@gmail.com	
Αφροδίτη	Αλεξάνδρα	Π.Θ.	afroditealek@outlook.com	
Κωνσταντίνη	Λαζαρίδου	Π.Θ.	lazaridouk@outlook.com	
Φωτεινή	Καλοβάρη	Π.Θ.	ftinikalo@outlook.com	
Ευαγγελία	Ζηκουιάδης	Π.Θ.	vagyl95@gmail.com	




Interreg 
Mediterranean
 Project co-financed by the European
 Regional Development Fund
 TEESSCHOOLS

First Name	Last Name	Organization	E-mail	Signature
Αγγελική	Τεργίδη	Πανεπιστήμιο Θεσσαλίας	angelikatergi@outlook.com	
Εύα	Μαργαρίτη	Πανεπιστήμιο Θεσσαλίας	elena.margari2@gmail.com	
ΑΝΔΡΕΑΣ	ΑΡΧΕΤΟΥ	ΠΑΝ. ΘΕΣΣΑΛΙΑΣ	capetad@outlook.com	
Ευαγγελία	Μαργαρίτη	Π.Θ.	elena.margari2@gmail.com	
Παυλίνα	Αλεξάνδρα	Πανεπιστήμιο Θεσσαλίας	paolinaalek@outlook.com	
Ανδριάνα	Μαργαρίτη	Πανεπιστήμιο Θεσσαλίας	anna.margari2@gmail.com	
Χαράλαμπος	Καλοβάρη	Π.Θ.	charalambos.kalovari@gmail.com	




Interreg 
Mediterranean
 Project co-financed by the European
 Regional Development Fund
 MED Greenhouses

First Name	Last Name	Organization	E-mail	Signature
Εύα	Ζαχαριάδης	Π.Θ.	elena.zachariadis1994@gmail.com	
Εύα	Ζαχαριάδης	Πανεπιστήμιο Θεσσαλίας	elena.zachariadis1994@gmail.com	
Ραφαήλα	Ουζελάκη	Semide	m.ouzelaki@semide.gr	
Ραφαήλα	Καλοβάρη	CEBAS CSIC	rafaelakalovari@gmail.com	
ΑΝΤΩΝΙΟΣ	ΓΑΡCΙΑ CΟRTEZ	CEBAS CSIC	antonios.garcia@cebas-csic.es	
Νατάσα	Ναυτίου	Πανεπιστήμιο Θεσσαλίας	natia.naviou@outlook.com	
ΒΕΒΕΛΑ	ΧΑΡΑΛΑΜΠΟΣ ΜΑΡGΑΡΗΤΗΣ	Παν. Θεσσαλίας	bebelacharakalambos@gmail.com	
Ευφροσύνη	Τσατσοπούλου	Π.Θ.	efrosyni.tchatsopoulou@gmail.com	









Interreg 
Mediterranean
 Project co-financed by the European
 Regional Development Fund
 MED Greenhouses

First Name	Last Name	Organization	E-mail	Signature
Ολυμπία	Σπανάκη	University of Thessaly	olimpiasp@outlook.com	
Γιασμίν	Σαμάρη	UTH	giasmin2017@gmail.com	
ΧΡΙΣΤΙΝΑ	ΜΑΡΗ	SANDRI	christina.mari@gmail.com	
Εύα	Μαργαρίτη-Ουζελάκη	-	elena.margari2@gmail.com	
Στέργια	Βασιλάκη	-	stergia.vasilaki@gmail.com	
Μαρία	Παυλίνα	UTH	maria.pavli@gmail.com	
Βασιλική	Τσιουμτσιούρα	UTH	vassiliki.tsioumτσιouira@gmail.com	
Στέφανη	Τσιουμτσιούρα	UTH	stefani.tsioumτσιouira@gmail.com	









Interreg 
Mediterranean
 Project co-financed by the European
 Regional Development Fund
 MED Greenhouses

First Name	Last Name	Organization	E-mail	Signature
Σοφία	Ραυτάκη	UTH	soufiaravta@gmail.com	
Αθανασία	Μαργαρίτη	UTH	athanasia.margari2@gmail.com	
Εύα	Τσατσοπούλου	Παν. Θεσσαλίας	elena.tchatsopoulou@gmail.com	
Αθανασία	Ραυτάκη	UTH	athanasia.ravta@gmail.com	
Αικατερίνη	Μαργαρίτη	UTH	katerinimargari2@gmail.com	
Ροβέρτος	Δ'Αμνίου	GALICISE	roberto.damnio@gmail.com	
Γιασμίν	Σαμάρη	UTH	giasmin2017@gmail.com	
Νίκος	Βουλγαρίδης	UTH	noulgari2@gmail.com	





Interreg 
Mediterranean
 Project co-financed by the European
 Regional Development Fund
 MED Greenhouses

First Name	Last Name	Organization	E-mail	Signature
Θαυμάσια	Κωνσταντίνου	UTH	thavmasiakonstantinou@gmail.com	
Τριανταφύλλα	Κατωμάκη	University of Thessaly	trifantafylla.katwomaki@gmail.com	
Στέφανη	Μαργαρίτη	UTH	stefani.margari2@gmail.com	
Σοφία	Διαβαστή	University of Thessaly	soufiadiavasthi@gmail.com	
Μαρία	Αννα	Charalambos	mariaanna.charalambos@gmail.com	
Κωνσταντίνος	Μαργαρίτης	University of Thessaly	konstantinos.margari2@gmail.com	
Δimitra-Anna	Παναγιωτάκη	University of Thessaly	dimitrapanagiotaki@gmail.com	
Ιωάννα	Παυλίνα	UTH	ioanna.pavli@gmail.com	

Interreg 
Mediterranean
 Project co-financed by the European
 Regional Development Fund
 MED Greenhouses

First Name	Last Name	Organization	E-mail	Signature
Κωνσταντίνος	Καραγιάννης	Living Prospects	konstantinos.karagiannis@gmail.com	
Παύλος	Φιλιππίδης	Living Prospects	pavlos.filippidis@gmail.com	
Αθανασία	Ραυτάκη	UTH	athanasia.ravta@gmail.com	
Εύα	Τσατσοπούλου	Π.Θ.	elena.tchatsopoulou@gmail.com	
Θαυμάσια	Κωνσταντίνου	UTH	thavmasiakonstantinou@gmail.com	
Ανδριάνα	Καλοβάρη	CEBAS CSIC	anna.kalovari@gmail.com	
FRANCESCA	CIVICO	CEBAS CSIC	francesca.civico@gmail.com	
Δimitra-Anna	Παναγιωτάκη	University of Thessaly	dimitrapanagiotaki@gmail.com	

Interreg 
Mediterranean
 Project co-financed by the European
 Regional Development Fund
 MED Greenhouses

First Name	Last Name	Organization	E-mail	Signature
Δimitra	Ζαρούνη	University of Thessaly	dimitrazaruni@gmail.com	
Κωνσταντίνος	Κατωμάκη	University of Thessaly	konstantinos.katwomaki@gmail.com	
Σοφία	Μαργαρίτη	UTH	soufi.margari2@gmail.com	
Τριανταφύλλα	Κατωμάκη	UTH	trifantafylla.katwomaki@gmail.com	
Χαράλαμπος	Καλοβάρη	UTH	charalambos.kalovari@gmail.com	
Ευαγγελία	Παυλίνα	UTH	elena.pavli@gmail.com	
Μαργαρίτη	Παυλίνα	UTH	margari2.pavli@gmail.com	
Σοφία	Φαλαγγάκη	UTH	soufi.falagaki@gmail.com	

3. Minutes

On the 4th of December 2019, the Final Conference of the MED Greenhouses project was organised by the University of Thessaly in its premises. In order to increase the impact of the event and create synergies with other MED projects, the Lead Partner of the MED Greenhouses agreed to organise the Conference together with the two Partners of the TEESCHOOL project (with the approval of their project's officers of the 2 projects), the European Grouping of Territorial Cooperation (Efxini Poli) and Living Prospects Ltd. The Conference had 2 Sessions:

1st session: Sustainable Agriculture & Energy Efficiency

2nd session: Energy Efficiency in public School Buildings

The common ground that the two projects shared, was the Capitalisation Work Package and the deliverables they both have, including the Organisations of Conferences, the development of Memorandums and Policy Recommendations in order to get official commitments from Policy Makers contributing to Green Growth and Energy Efficiency.

Over 130 people, including stakeholders and key actors from 5 different countries (Greece, Cyprus, France, Italy and Spain), attended to the meeting and around 9:30 am, the main Amphitheatre of the Department of Agriculture Crop Production and Rural Environment was crowded. The registration of the participants had started at 09:00.

Session 1 started around 09:30. Prof. Nikolaos Katsoulas from the University of Thessaly (LP1) welcomed the participants and thanked them for their participation in the Conference, highlighting the importance of the event as the main outputs and results of the Med Greenhouses Project would be announced and presented.

The Moderator of the event, Mr Konstantinos Karampourniotis (External Colleague of LP1) after welcomed the attendees, mentioned that the capitalised innovative greenhouse technology of the MED Greenhouses project was born around 10 years ago, when the Technological Research Institute (former Lead Partner of the MED Greenhouses project), together with the University of Thessaly and the Agricultural Research Institute of Cyprus, had decided to construct and install the pilot geothermal greenhouse units in the area of Larissa (Greece) and Zygi (Cyprus) in the context of the LIFE+ Adapt2change project. The overall idea of the project was to develop an innovative greenhouse technology that will contribute to Climate Change adaptation, coping with issues such as water scarcity, water pollution and extreme weather events and address issues of agricultural production such as high water and energy demands.

Three years ago, the University of Thessaly decided to continued this effort and capitalise these innovative greenhouses, including other ones, and promote / transfer



Agricultural Research Institute



these technologies in the Mediterranean Region, contributing to Green Growth, Eco-Innovation, Sustainable Agriculture and Circular Economy.

Following the agenda, Prof. Alexandros Papachatzis (Project Coordinator / LP1) also welcomed the attendees of the Conference, highlighting the following:

“The MED Greenhouses project aims to capitalize innovative greenhouses and promote eco-innovative investments, contributing this way to Sustainable Agricultural Production and Green Development in the Mediterranean region.

The University of Thessaly, through the Department of Agriculture, promotes transnational, transregional, cross-border and territorial cooperation through the utilization of available European programs in the fields of agricultural production and the environment.

Under the framework of MED Greenhouses project, the University of Thessaly has taken on the role of Lead coordinating the corporate partnership of 7 partners from 6 Mediterranean countries (Greece, Cyprus, Albania, France Italy and Spain), utilizing its many years of experience in the implementation of co-funded projects and its specialized staff.

The MED Greenhouses, at Mediterranean Regions level:

- Developed Policy Recommendations and a Joint Action Plan to promote eco-innovative investments and transnational knowledge transfer.
- Created the Agricultural Transnational Innovative Cluster (ATI-Cluster) in the Mediterranean region, aiming at the creation of Synergies and Cooperation Mechanisms between the actors of quadruple helix.
- Increased the carrying capacity of key stakeholders in the greenhouse sector through the e-learning platform and the development of online seminars and workshops during the project.
- Investigated the current situation with regard to innovative greenhouse technologies, existing institutional frameworks and funding channels, and carried out relevant studies documenting gaps and obstacles.

Today's conference may be the backbone of a highly successful project however it gives the opportunity to inform and develop a direct dialogue with stakeholders and the public, so that their involvement and contribution to Green Development and the promotion of eco-innovative investments in the Agricultural sector can be substantial.”

Around 10:00 am, the Vice Governor of the Region of Thessaly (PP2), Mr Athanasios Moras, highlighted also the importance of the final event of the project. In particular, Mr Moras stated the following:

“ I am very pleased to be among you today, at the Final Conference of the MED Greenhouses project and have the chance to see the project's results together. In



Agricultural Research Institute



addition, through the signing of the Memorandum of Understanding/Agreement, we commit to efforts related to Sustainable and Green Development in the agricultural sector and the Greenhouse Production.

The Region of Thessaly, the largest Rural Region of Greece, is vigilant, up-to-date, modernized, and reclaim of its strategic advantages, by investing in the creation and establishment of an extrovert profile aimed at sustainable agricultural production, the enhancement of agri-food sector competitiveness, the creation of new jobs and the promotion of eco-innovative investments in agricultural sector.

As Regional Administration, we continue to be close to the primary sector, which requires more attention than ever. The increased needs and the increased demand for agri-food products, combined with the effects of climate change and the frequent occurrence of extreme weather conditions, make the agricultural sector, more vulnerable than ever.

In this framework, we have given and continue to give priority to the primary sector, integrating it into our Regional Business Plan, Activities related to:

- The environmental Protection and the transition to Circular Economy, dealing with Climate Change and the proper management of natural resources (such as our partnering with the European project MED Greenhouses),
- The Sustainable rural development and the sustainable environmental solutions,
- The protection of local production methods and the promotion of agricultural products with Protected Designation of Origin (PDO) and Protected Geographical Indication (PGI).

Although the MED Greenhouses project was designed 3 years ago, it is timelier than ever, taking into account at transregional level (6 Mediterranean countries), the challenges of the agricultural sector and the need for agricultural sector to transit into a sustainable and environmentally friendly procedure.

The legacy that MED Greenhouses project will leave, is not only about promoting, capitalizing of innovative Greenhouses and funding tools and promoting eco-innovative investments in the Mediterranean, but also our commitment,

- through the signing of the Memorandum of Understanding / Agreement by the policy makers of the 6 participating countries (Greece, Cyprus, Albania, France, Italy and Spain), and
- through the creation and operation of the Agricultural Transnational Innovative (ATI) Cluster,

that the effort to adopt the principles of the Circular Economy in the agricultural sector, will be continued, contributing to sustainable production and natural resources saving.

We will therefore continue to plan and develop our policy in the next programming period driven by Green Development and we are confident that these efforts will continue to work. "

Following Mr Moras speech, Mr Karampourniotis called at the panel Prof. Papachatzis in order to present the Project Results / Achievements. Prof. Papachatzis, mentioned that the project mainly capitalized results of LIFE+ "Adapt2change" project, by promoting, disseminating & transferring innovative Greenhouses in the MED area, minimizing water & energy demand.

The project stimulated environmental awareness on issues related to energy & water efficiency & sustainable production, contributing to Green Growth & promoting sustainable development.

Prof. Papachatzis mentioned that during the last 23 months, the partners of the Project; University of Thessaly (LP1), Region of Thessaly (PP2), Molise toward 2000 (PP3), SEMIDE (PP4), CEBAS-CSIC (PP5), Regional Council of Berat (PP6) and Agricultural Research Institute (PP7) had achieved great results. In particular, they managed to:

- ❑ Exchanged knowledge, experiences & best practices with partners of the Green Growth community in the fields of sustainable agriculture through our participation in External EU events & thematic workshops of the Green Growth Community
- ❑ Capitalised innovative Greenhouses technologies in the MED area & identified financial channels favouring eco-innovative investments.
- ❑ Developed, promoted & integrated policy recommendations in order to boost eco-innovative investments at transnational level, contributing to Circular Economy & sustainable agriculture.
- ❑ Established an Agricultural Transnational Innovative Cluster in the MED area, aiming to promote synergies & collaborations among actors of the 4-helix.
- ❑ Increased the capacity building of stakeholders in the field of innovative greenhouse technologies through training webinars & workshops.
- ❑ Identified Gaps & Obstacles of the agricultural sector & proposed tailored policy recommendations.

The above main outputs will be the Legacy of the Med Greenhouses project and ensuring that the effort for Green Growth and Sustainable Agriculture will continue after project's end.

Around 10:30 am, Mr Karampourniotis call Mr Filippidis (external colleague of the LP1) in order to present the operation model of the ATI Cluster.

Mr Filippidis mentioned that few months ago, the partners agreed in the establishment of the Agricultural Transnational Innovative (ATI) - Cluster which is one of the main outputs of the Med Greenhouses project.

The Vision of the ATI-Cluster is to operate as a bridge between researchers, enterprises, farmers and policy makers in order to improve the environmental, economic and social conditions of the rural areas across Mediterranean region.

The Mission is to stimulate & promote sustainable production techniques by facilitating the dissemination and the transferring of the information and innovative technologies among key actors of the agriculture/greenhouse sector.

Regarding the Governance scheme, the ATI-Cluster consists of 6 National Networks (1 from each involved country in the MED Greenhouses project), which are managed by the Cluster Coordinator. Each National Network is represented by 3 persons at least for the early stages of the Cluster's operation. These are the Network Manager and the two advisors.

Then Mr Filippidis presented the main duties of the Cluster Coordinator, the Network Manager and the advisor and he introduced the offered by the Cluster main services to the members:

- Company (SMEs) & Farmers missions to end-users of the agriculture/greenhouse sector
- Networking & Matchmaking
- Provision of Pitching & Coaching/mentoring services
- Organization of Info days & capacity building seminars about innovative greenhouse technologies and financing schemes.

Mr Filippidis also talked for the sustainability factors for the operation of the Cluster, the Communication and marketing strategy of the Cluster, as well as the potential members of the cluster, focusing to farmers and SMEs involved with the primary sector.

Lastly, he talked about the MoA/U which is presented also online, in project's webplaform together with an online registration form. Whoever signs the MoA/U, will automatically be a member of the ATI-Cluster. Mr Filippidis invited the stakeholders to sign the MoA/U and register in the ATI-Cluster, contributing to the effort for Green Growth and Sustainable Agriculture. He also highlighted that the MoA/U is an initiative of the Partners' of the MED Greenhouses project, and there is no financial commitment (fee) for those who sign it.

Around 10:45 am, Mr Karampourniotis presented the Gap Analysis & Policy Recommendations deliverable, one of the main outputs of the project. The report covered the following areas:

- ✓ Region of Berat / Albania
- ✓ Nicosia / Cyprus
- ✓ PACA region / France
- ✓ Region of Thessaly / Greece
- ✓ Molise Region / Italy

✓ Region of Murcia / Spain

The report focuses on identified gaps and obstacles regarding:

- Technologies of innovative greenhouses,
- Stakeholders and key players of the Greenhouse sector,
- Financial Channels of innovative technologies,
- Policies and frameworks promoting eco-innovation,

The partners, based on the findings and the identified gaps of the above categories, designed tailored policy recommendations (3 per country) in order to be included by the policy makers (Regional and Local Public Authorities) in their upcoming strategic plans.

Around 11:10, the moderator of the Conference, announced and called the Partners and their key stakeholders to come and sign the MoA/U of the MED Greenhouses. The 4th of December 2019, was announced as the official start date of MoA/U of the project. A short ceremony took place, with short interviews to policy makers, partners and stakeholders of the Agricultural Sector. The interviews and the snapshots from the event will be included in project's video (del.2.2.3), which is expected to be realised on 15/12/2019.

At 11:50, after the short ceremony for the signing of the MoAU and a coffee break, the moderator of the conference Mr Karampouriotis called Mr Tsalouchos in order to present the case study of a greenhouses growers cluster and the gardenia greenhouse growers group.

Then, around 12:10 pm, Mr Sapounas, through the e-learning platform of the MED Greenhouses project, presented from distance "Recent trends and Development in greenhouse horticulture"

Around 12:30, Mr Dimokas presented EU funding opportunities for greenhouse growers. Mr Dimokas, mentioned that the new Common Agriculture Policy (CAP) 2015-2020 is expected to provide 14 Billions Euros to Pillar 1 and 4.2. Billions Euros to Pillar 2. He stated that one of the Commission's commitments is to modernize and simplify the CAP in order to achieve more efficient results, contributing to sustainable agriculture and climate action.

For the 2021-2027 period, the European Commission is proposing an ambitious total budget of €365 billion meaning that the CAP will account for just under one-third of the total EU budget, underlining the continued importance of the policy. The CAP budget will be divided between its two traditional 'pillars': direct support for farmers/market measures and rural development. Mr Dimokas also highlighted the the 9 CAP objectives:

1. Ensure fair income
2. Increase competitiveness
3. Rebalance power in food chain

4. Climate change action
5. Environmental care
6. Preserve landscapes & biodiversity
7. Support generational renewal
8. Vibrant rural areas
9. Protect food & health quality

Mr Dimokas continued his presentation, presenting stats about the current situation of the youth farmers in EU, including issues they are facing but also benefits & funding rates per type of investments that is foreseen, based on the new CAP. The maximum cost of investments is 400.000 €. In particular:

- i. Maximum cost for Agricultural Tractor is 125.000 euro's
- ii. Maximum cost for Soil Treatment Equipment is 40.000 euro's
- iii. Total cost of purchase and installation, machinery and safety equipment is 2.500 euro's
- iv. The total cost of buying and installing machinery and equipment for the network of meteorological warnings and plant protection is 4.000 euro's
- v. The total cost of purchasing and installing machinery and computer equipment, including the operating software is 1.200 euro's

Around 13:00 am, Mr Karampourniotis called at the panel the Representative of the Green Growth (GG) Community, Mr Kokosioulis.

Mr Kokosioulis highlighted in his speech the role and the importance of the Thematic Communities of Interreg MED Programme who operate as an umbrella for the modular projects. In particular, he mentioned that the GG community promotes sustainable development in the Mediterranean area, based on the sound management of the natural resources, thanks to innovation. It targets social inclusion and green jobs. The thematic community supports the projects in their communication and capitalization efforts thus increasing their impact at policy level and ensuring potential transfer and replication. The GG community is divided Thematic Working Groups (TWG) consisting of relevant topics projects:

TWG1 – Production & Consumption: Resource Efficiency – Med Greenhouses is one of the selected projects of the group.

TWG2 – Production and Consumption: Smart & Green Public Services

TWG3 – Waste Prevention & Management

TWG4 – Competitiveness & Innovation

The GG Community had prepared 4 key technical reports / White Papers on Circular Economy with the contribution of the 14 modular projects of the community. These technical reports are the Legacy of the Community and their efforts on the key priority areas of the Circular Economy Action Plan.

Mr Kokosioulis also presented the Interreg med Green Growth Capitalisation platform, where the visitors can find essential information of the modular projects of the community. He also talked about the Legal Recommendations and Policy Recommendations report.

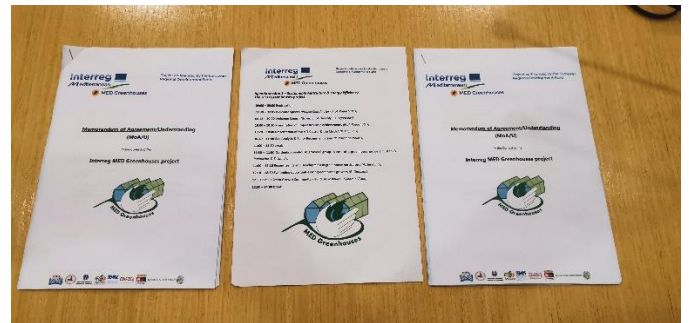
The Legal Recommendations report creates a Roadmap for the achievement of relevant policy objectives set by each project and for the sustainability of the legislative proposals at the after-Project era.

The Green Growth policy recommendations' report provides an overview on policy instruments recommendations and interventions focused on six thematic areas for Circular Economy development.

Lastly, Mr Kokosioulis mentioned that the GG community will be active until 2022, ensuring the continuation and the transferring of the modular projects' results, updating policy outputs and connecting southern MED countries.

The first session of the conference ended at 13:15. A lunch break took place for an hour, between the 2 sessions, giving the opportunity for networking and fruitful discussions between the Partners of the 2 Interreg MED projects (MED Greenhouses and Teeschools), the Policy Makers, the Stakeholders and the Attendees.

4. Indicative Photo Gallery



Annexes

I – Presentations & MoAU

II – Photos

III – Invitation & Agenda

IV – Participants list

V - Other documents produced



Agricultural Research Institute

