



MED

(2014 - 2020)

Priority axis-Investment Priority-Specific Objective 1-1-1

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

PI 1.b

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

MED Greenhouses

(Ref : 3082 / 3MED17_1.1_M3_043)

Green Growth through the capitalization of innovative Greenhouses

Progress report #1

Submitted version

Period from 2018-02-01 to 2018-08-31

Technological Educational Institute of Thessaly

Table of contents

1. Part A – Activity report	1
1.1 Project progress report identification	1
1.2 Contact details of the person responsible for the report	1
1.3 Highlights of main achievements	1
1.4 Problems and solutions found	2
1.5 Objectives reached and main project outputs delivered	2
1.6 Overview of project main outputs achievement	4
1.7 Target groups reached	4
1.8 Reporting per Work Package	6

1. Part A – Activity report

1.1 Project progress report identification

Acronym		MED Greenhouses	
Project title		Green Growth through the capitalization of innovative Greenhouses	
Name of the Lead Partner organisation		University of Thessaly - Research Committee	
Project Nb		3082	
Duration of the project	Starting date	2018-02-01	Number of months
	Ending date	2019-12-31	23
Programme priority axis		Priority Axis 1: Promoting Mediterranean innovation capacities to develop smart and sustainable growth	
Programme specific objective		1.1 To increase transnational activity of innovative clusters and networks of key sectors of the MED area	
Call for projects		3rd call	
Type of project		Capitalising	
Internal ref number		3MED17_1.1_M3_043	

1.2 Contact details of the person responsible for the report

	Contact details of the person responsible for the report
Name - Surname - Role in the project	Alexandros Papachatzis - Project Coordinator
Email - Phone number	papachad@teilar.gr

1.3 Highlights of main achievements

During the 1st period, the partners participated in the KoM in Larissa on March 2018 & agreed to the internal SCM rules as well as the management & publicity obligations according to the program rules. The key points (incl. activities & del.) of WP1, WP2 & WP3 were clarified & the partners focused on the project objectives, results, outputs, target groups & future activities. The LP in collaboration with the MA & the project partners completed successfully all the procedures of the clean-up phase & signed project's partnership agreement & the subsidy contract.

The Partners elaborated & submitted on time their progress reports following the guidelines of the LP. Furthermore, most of the partners (excluding PP2, PP6 & PP7) inserted & validated their expenses in SYNERGIE.

Regarding the WP2, the structure & the methodology for the joint communication plan (Del 2.2.1) was designed by the LP and shared to the partners. Most of the partners provided their contribution for it. The final version will be ready on the 2nd semester. The social media pages (Del 2.2.2) & the project webpage (Del 2.4.1) are active & PP1 is feeding it with news and posts with the contribution of the partners. Furthermore, several partners had participated in Events of Interreg MED programme such as these in Rome in April in the context of del. 2.3.2. Regarding the WP3, the LP designed the template and the methodology of del 3.1.1 & 3.1.2 & PP1 did the same for del.3.1.3 & 3.1.4. Most partners worked on these 4 deliverables

in order to finalise them in the 2nd semester. Lastly, the methodology and guidelines for the Del 3.2.5 were given by the LP to the partners and in this context 2 consultations were organized by PP3 and PP4.

Specific Objectives

Partners have successfully co-operated together in project's Del. 3.1.4 & 3.2.5, in order to "Improve the existing innovation framework conditions on the MED agricultural sector" SO.1. & in Del. 3.1.3 & 3.2.5 in order to "Increase the number of enterprises receiving grants for eco-innovation related to greenhouse production" SO.3.

Main Outputs

The main outputs of the project are still in progress. 3 out of 4 tools are expected to be produced on the 2nd semester.

Cooperation Added Value

The joint character of project activities & effective cooperation of partners, as well as their active role in the project and participation in numerous events, provides the project with a pool of experiences/know-how/ideas/proposals at transnational level.

1.4 Problems and solutions found

No major issues have occurred during the 1st period. However, some minor "matters" are:

Implementation activities

1. The joint Communication Plan (Del. 2.1.1) will be elaborated in the 2nd Semester by the external expert of the LP by taking into account the contribution of the partners. The deliverable could not be finalized in the 1st Semester due to delays in the launching procedures of the Public Procurement of the LP. However, the tender had already been launched and the selection of the external expert will be announced in December 2018.

Administrative & financial management

1. PP7 could not attend to the KoM due to logistic & administrative issues with the supervision body (Ministry of Agriculture). However, they were fully aware of the decisions taken and agreed on them while they received the presentations and the minutes of the KoM.

2. PP6 could not open a bank account due to bureaucratic procedures of the Ministry of Finance (Supervision body). However, they got the Green light and this is expected to be opened in November.

3. LP, PP2, PP6 and PP7 had some delays in the selection of the External Expert due to bureaucratic procedures and delays in the launching of the Public Procurement. However, the Tenders of LP, PP2 and PP6 had been launched in November and the selection of the contractor is expected to be announced in December 2018. The launch of the Tender for the selection of the External Expert of PP7 is expected in December 2018 and the Selection of the contractor will be announced at the beginning of January 2019.

The above are not hindering the overall very good flow of the project, but are continuously being monitored by the LP, who is also in constant interaction with all involved parties (PPs, JS, FLC etc.) towards overcoming such issues.

1.5 Objectives reached and main project outputs delivered

Project specific objective	Progress level	Justification	Communication objective	Progress level	Justification
Improve the existing innovation framework conditions on the MED agricultural sector	To a minor degree	This objective is expected to be reached at a large degree at the end of the 2nd semester with the finalisation of the Del 3.1.4 "Joint Report on existing policies/frameworks", Del. 3.1.5 "Gap Analysis & policy recommendations" and Del.3.2.4 "Joint MED Action plan transferring knowledge". The S.O. will be fully achieved at the end of the project with the elaboration of Del. 3.2.6 "Recommendations for the establishment of mechanisms favouring cooperation between actors of the quadruple helix" and the Del. 3.3.1 "Memorandum of agreement/ understanding between actors"	Communication objective 1: to identify and contact policy makers (local, regional, national authorities) and actors (SME's, economic operators & research centres/institutions) related to agriculture/greenhouse sector in order to record existing obstacles and bottlenecks of the present framework/regulations. This will facilitate project partners in order to develop tailored policy recommendations favouring the establishment of innovative greenhouses in the MED area.	To a minor degree	Few consultations with stakeholders and policy makers had been organised so far by the partners while the Del.3.1.2 "Development of Stakeholders & Beneficiaries database" will be finalised on the 2nd semester. This Communication objective will be achieved at a large degree in the 2nd semester and fully achieved at the end of the 3rd semester once the above deliverables are completed.
Strengthen and empower innovation clusters and networks in the field of agriculture/greenhouse production	To a minor degree	On the 2nd semester the partners will begin with the elaboration of the Del.3.2.4 "Joint MED Action plan transferring knowledge", Del 3.2.6 "Recommendations for the establishment of mechanisms favouring cooperation between actors of the quadruple helix" and the Del. 3.3.1 "Memorandum of agreement/ understanding between actors" that will be the main outputs for Strengthening and empowering innovation clusters and networks in the field of agriculture/greenhouse production.	Communication objective 2: to record existed innovative clusters of the involved countries and the actors that are consisting it in order to identify weakness and possible opportunities, either improving the existed ones or creating new ones under a memorandum of agreement/understanding . This will facilitate project partners to reinforce the Agricultural transnational innovative Clusters in the MED area.	To a minor degree	This objective will be achieved at a large degree in the 2nd semester and fully at the 3rd semester of the project as it is reached through the implementation of Del. 3.1.5, 3.2.6 and 3.3.1.

Increase the number of enterprises receiving grants for eco-innovation related to greenhouse production	To a minor degree	This objective will be achieved at a large degree on the 2nd semester and fully scale on the 3rd semester through the elaboration of the Del. 3.1.3 "Joint report of available financial channels for eco-innovative technologies", Del 3.2.6 "Recommendations for the establishment of mechanisms favouring cooperation between actors of the quadruple helix" and the Del. 3.3.1 "Memorandum of agreement/ understanding between actors".	Communication objective 3: Communication and coordination with horizontal projects of the same field in order to exchange, assess and capitalize available – existed knowledge. Thus possible financial schemes / opportunities will be identified increasing the the number of the SMEs receiving grants related to eco-innovation and particularly to geothermal greenhouse investments.	To a minor degree	This deliverable will be achieved at a large degree through the participation in events of Green Growth Community (Del. 2.3.2) by the partners in the 2nd semester and fully reached through the elaboration of Del. 3.1.3, 3.2.4, 3.2.5, 3.2.6 and 3.3.1 at the end of the project.
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1.6 Overview of project main outputs achievement

Project contribution to the Programme outputs indicators	Programme output indicator target	Sum of the contribution to the output indicator reported until now	Project output reference	Main project output (title)	Project outputs quantification (target)	Estimated month of delivery	Completed up to now
Number of operational instruments to favour innovation of SMEs	4	0	4.1	Joint tools promoting cooperation between actors of quadruple helix & innovative greenhouses	4	2019-03-29	0
Number of transnational innovation clusters supported	1	0	4.2	Transnational Innovative cluster	1	2019-06-28	0

1.7 Target groups reached

target group	Target value	target groups reached in the previous periods	Target group reached in this progress period	Checking source	Target group implication description	Target groups reached up to now (%)
Sectoral agency	8.00 Number	0	2	Partners' reports.	Participation in Consultations organised by PP4.	25.00
Business support organisation	16.00 Number	0	13	Partners' reports.	6 of them participated in the Consultation organised by PP4. 7 of them were engaged by PP6.	81.25

General public	200.00 Number	0	430	Partners' reports.	Participation to research and training activities of PP1 (more than 100 students, faculty members and research staff), followers in Facebook and Twitter pages (>250), website, promotional material to greenhouse growers (>50). 18 of them (Greenhouse owners, farmers etc) attended in the consultation organised by PP3 & PP4. 12 of them were informed by PP6.	215.00
Interest groups including NGOs	8.00 Number	0	22	Partners' reports.	10 NGOs were informed about the project and its activities by PP1. 5 NGOs reached by PP3 through the consultation and emails in order to be informed about the project MED Greenhouses. 10 of them were informed by PP5. 2 of them were informed by PP6.	275.00
Higher education and research	8.00 Number	0	32	Partners' reports.	At least 20 research organisations and Universities informed to be included for the project activities and included in the database of stakeholders (Del. 3.1.2) by PP1 & PP5. 6 Universities & research centres attended in the consultaion event organised by PP3 and 1 in the consultation organised by PP4. 5 of them were engaged by PP6.	400.00
International organisation, EEIG	6.00 Number	0	0	Partners' reports.		0.00
Local public authority	16.00 Number	0	20	Partners' reports.	Local public authorities were informed about the project objectives and its activities (they were also informed about the database Del. 3.1.2) while some of them participated in the orgasided by the partners Consultations of the first semester. 6 of them were engaged by PP6.	125.00
National public authority	6.00 Number	0	4	Partners' reports.	Engaged by PP6	66.67

SME	16.00 Number	0	48	Partners' reports.	23 SMEs were informed by PP1 about the project and its activities in order to be included in the database of stakeholders (Del. 3.1.2). 7 SMEs owners attended the consultation organised by PP3 and 1 SME in the consultation organised by PP4. 7 of them were informed by PP6.	300.00
Regional public authority	6.00 Number	0	25	Partners' reports.	3 responsables of the regional agricultural Funds attended the first consultation organised by PP3 and 9 Regional Public Authorities attended in the Consultation organised by PP4. Another 10 were informed by PP5. 3 of them were engaged by PP6.	416.67

1.8 Reporting per Work Package

0 Preparation costs

1. -

Work package number	Work package title	Start date	End date	Work package status	Work package expenditures - forecast	Work package expenditures - current claim	% of Work package expenditures claimed until now
0	Preparation costs	02-2018	07-2019	Completed	30,000.00 €	0.00 €	0.00
Partners							
Lead partner	Technological Educational Institute of Thessaly						
participating partners	AGRICULTURAL RESEARCH INSTITUTE						
	Regional Council of Berat						
	EEIG Euro-Mediterranean Water Information System Technical Unit						
	Molise toward 2000						
	Region of Thessaly - Department of Development and Planning						
	CSIC-CEBAS - Centro de Edafología y Biología Aplicada del Segura						
	Technological Educational Institute of Thessaly						
	University of Thessaly - Research Committee						

2. Please describe the progress in this reporting period for each activity of the Work Package and explain how were partners involved (who did what).

LP with the contribution of all the partners wrote and submitted the Project Proposal.

The preparation cost of the LP is €15K for the coordination of the partnership, the proposal writing, the collection of the required documents and their submission on SYNERGIE.

The preparation cost of the PP1 for his contribution in proposal writing is €6K.

The preparation cost of the PP3, PP4 and PP7 for their contribution in proposal writing is €3K.

1 Project management

1. -

Work package number	Work package title	Start date	End date	Work package status	Work package expenditures - forecast	Work package expenditures - current claim	% of Work package expenditures claimed until now
1	Project management	02-2018	07-2019	Proceeding according to work plan	218,616.50 €	0.00 €	0.00
Partners							
Lead partner	Technological Educational Institute of Thessaly						
participating partners	AGRICULTURAL RESEARCH INSTITUTE						
	Regional Council of Berat						
	EEIG Euro-Mediterranean Water Information System Technical Unit						
	Molise toward 2000						
	Region of Thessaly - Department of Development and Planning						
	CSIC-CEBAS - Centro de Edafología y Biología Aplicada del Segura						
	Technological Educational Institute of Thessaly						
	University of Thessaly - Research Committee						

2. Please describe the progress in this reporting period for each activity of the Work Package and explain how were partners involved (who did what).

During this period, all partners, coordinated by LP, contributed to the smooth project management of the project. All partners (except PP7) participated in the KoM that took place in Larissa and agreed to the internal SCM rules as well as the management, financial management, reporting procedures, eligibility of expenses & publicity rules etc. All reports regarding the 1st period had been submitted on time, and most certifications have been obtained. The 1st Payment Claim and Project Progress Report were also submitted on time and the requested clarifications have been duly cleared. All PPs bank account information had been entered in SYNERGIE (except's PP6 which is pending). A slight budget reallocation was requested by PP4 respecting the 20% flexibility rule of the programme. All partners provided their feedback on monitoring of activities and expenses (when this was requested), and Lead Partner has been in constant communication with all involved parties aiming at the proper monitoring of financial absorption, respect of flexibility rule and reporting obligations etc.

3. Progress achieved in the reporting period for each activity of the WP

Activity	Activity title	Start month	End month	Status
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1.1	Project Management & Coordination	02-2018	07-2019	Proceeding according to work plan
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Deliverable	Deliverable title	Deliverable description	Finalisation month	Progress	Status	Deliverable proof
1.1.1	Progress report, Payment claim and Minutes from Project meetings	Every 6 months a SCM & a Joint PR (consisting of each's partner) with the description of the technical state of the art and project outputs will be submitted by LP, together with the Payment claim including the certification provided by the FLC.		Organisation of the KoM in Larissa and elaboration of the minutes including the Rules of Procedure of the Steering Committee. Preparation of PR by the partners and preparation of the Project Progress Report and the Payment Claim by LP.	Proceeding according to work plan	X

Activity	Activity title	Start month	End month	Status
1.2	Project Evaluation	02-2018	07-2019	Proceeding according to work plan

Deliverable	Deliverable title	Deliverable description	Finalisation month	Progress	Status	Deliverable proof
1.2.1	Project evaluation report	1 intermediate and 1 final report with the evaluation of the planned outputs and results, including data and information from the SC and PC will be delivered by each partner.	04-2019	Preparation of the methodology of the evaluation report by the LP.	Proceeding according to work plan	

2 Project communication

1. -

Work package number	Work package title	Start date	End date	Work package status	Work package expenditures - forecast	Work package expenditures - current claim	% of Work package expenditures claimed until now
2	Project communication	02-2018	07-2019	Proceeding according to work plan	225,500.00 €	0.00 €	0.00
Partners							
Lead partner	University of Thessaly - Research Committee						
participating partners	AGRICULTURAL RESEARCH INSTITUTE						
	Regional Council of Berat						
	EEIG Euro-Mediterranean Water Information System Technical Unit						
	Molise toward 2000						
	Region of Thessaly - Department of Development and Planning						
	CSIC-CEBAS - Centro de Edafología y Biología Aplicada del Segura						
	Technological Educational Institute of Thessaly						
	University of Thessaly - Research Committee						

2. Please describe the progress in this reporting period for each activity of the Work Package and explain how were partners involved (who did what).

In the context of WP2, the LP designed the structure & the methodology for the joint communication plan (Del 2.2.1) and shared it to the partners. Most of the partners provided their contribution for it (in some cases the contribution is pending due to delays in the launching of public procurements). The final version of Del. 2.2.1 will be ready on the 2nd semester. The social media pages (Del 2.2.2) and the project webpage (Del 2.4.1) were activated and PP1 is feeding it with news and posts with the contribution of the partners. Furthermore, several partners had participated in Events of Interreg MED programme such as these in Rome in April in the context of del. 2.3.2. The design of the promotional material had been implemented by PP1 during the 1st semester and the templates were finalized and sent to the partners at the end of September 2018 (2nd semester).

All partners are working to ensure the visibility of the project through all available channels, and many more activities are going to take place in the next period, as the testing phase is going to show the first practical results.

3. Progress achieved in the reporting period for each activity of the WP

Activity	Activity title	Start month	End month	Status
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2.1	Communication Strategy	02-2018	07-2019	Proceeding according to work plan
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Deliverable	Deliverable title	Deliverable description	Finalisation month	Progress	Status	Deliverable proof
2.1.1	Joint Communication Plan	The information, communication, awareness raising & dissemination activities will be based on a joint communication plan. This plan will be the cornerstone of all communication related activities and it will be internally updated on a regular basis.	06-2018	The methodology and the the structure of the Joint Communication Plan was designed by the LP and shared to the partners. Most of the partners sent their contribution on time, however the Joint Communication Plan will be delivered on the 2nd Semester. The elaboration of the Plan will be made by the External Expert of the LP. Due to delays on the launching of the Procurement, the delivery date of the plan was postponed for the 2nd Semester.	Behind schedule	

Activity	Activity title	Start month	End month	Status
2.2	Dissemination material	02-2018	07-2019	Proceeding according to work plan

Deliverable	Deliverable title	Deliverable description	Finalisation month	Progress	Status	Deliverable proof
2.2.1	Promotional material	Will be designed and produced the project poster, 1902 pens, 1540 notepads, 1540 folders, 890 usb sticks, 16 banners, 1540 leaflets, 1540 Bags in total (by all the partners).	09-2018	During the 1st semester, the PP1 (responsible partner) was preparing the templates for the promotional material of the project. Their design / templates will be ready on the 2nd Semester according to the AF and will be shared to the partners.	Proceeding according to work plan	
2.2.2	Social media page	An account on Twitter and Facebook will be created in order to get in contact and raise awareness of local/ regional citizens. Both pages will be updated in regular basis.	05-2018	During the 1st semester, the PP1 (responsible partner) created an account on Facebook and on Twitter and the partners fed with posts/news the pages.	Proceeding according to work plan	X

2.2.3	Video of MED Greenhouses	A video demonstrating the installation and the operation of MED greenhouses will be produced to bring the stories to a higher level of visibility.	05-2019	The preparations of the video of MED Greenhouses will start on the 2nd semester by the LP in collaboration with the rest of the partners.	Not started	
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Activity	Activity title	Start month	End month	Status
2.3	Links with Horizontal projects	03-2018	02-2019	Proceeding according to work plan

Deliverable	Deliverable title	Deliverable description	Finalisation month	Progress	Status	Deliverable proof
2.3.1	Reporting knowledge from Horizontal project	Exchange information between actors of the quadruple helix regarding innovative greenhouses . Beneficiaries will be from Interreg Programmes, HORIZON2020 & LIFE+.	02-2019	The partners started the preparations for collecting knowledge and information from previous or ongoing projects related to innovative greenhouses. The Joint report will be elaborated on the 3rd semester according to the AF.	Proceeding according to work plan	
2.3.2	Reports & Minutes from participation in external events	Participating to 2 external events of similar projects, valorizing existing knowledge, experiences & best practices regarding dissemination of innovative activities & communication with target groups. 1 Joint Report & Minutes / contribution of all		LP, PP3 and PP6 participated in the event of Interreg MED programme last April in Rome. Furthermore, LP and PP6 participated also in the Green Growth Event organised by the Horizontal project SYNGGI also in Rome, last April. On the 2nd Semester more active participation has been scheduled by all the partners for other external events. The Joint Report will be elaborated on the 3rd Semester.	Proceeding according to work plan	

Activity	Activity title	Start month	End month	Status
2.4	Project Official Page through MED Platform	03-2018	07-2019	Proceeding according to work plan

Deliverable	Deliverable title	Deliverable description	Finalisation month	Progress	Status	Deliverable proof
2.4.1	Feeding the web Platform	The partners will feed the web platform with project information regarding project progress such as news, docs, galleries, events etc.		During the 1st semester, PP1 (responsible parnter) was feeding the web platform with project information regarding project progress such as news, docs, galleries, events etc. including the input taken from the partners.	Proceeding according to work plan	X

3 Capitalising

1. -

Work package number	Work package title	Start date	End date	Work package status	Work package expenditures - forecast	Work package expenditures - current claim	% of Work package expenditures claimed until now
3	Capitalising	02-2018	07-2019	Proceeding according to work plan	697,283.50 €	0.00 €	0.00
Partners							
Lead partner	Technological Educational Institute of Thessaly						
participating partners	AGRICULTURAL RESEARCH INSTITUTE						
	Regional Council of Berat						
	EEIG Euro-Mediterranean Water Information System Technical Unit						
	Molise toward 2000						
	Region of Thessaly - Department of Development and Planning						
	CSIC-CEBAS - Centro de Edafología y Biología Aplicada del Segura						
	Technological Educational Institute of Thessaly						
	University of Thessaly - Research Committee						

2. Please describe the progress in this reporting period for each activity of the Work Package and explain how were partners involved (who did what).

Regarding the WP3, the LP designed the template and the methodology of Del 3.1.1 “Joint Report on technologies of innovative greenhouses in the involved MED regions” & Del 3.1.2 “Development of Stakeholders & Beneficiaries database” and PP1 designed the template and the methodology for the Del.3.1.3 “Joint report of available financial channels for eco-innovative technologies” & Del. 3.1.4 ”Joint Report on existing policies/frameworks” Most of the partners worked on these 4 deliverables in order to finalise them in the 2nd semester according to the AF. Lastly, the methodology and the guidelines for the Del 3.2.5 were given by the LP to the partners and in this context 2 consultations were organized by PP3 and PP4 with the participation of Policy makers and stakeholders of the sector recording their issues & needs and informing them about Project activities, objectives and expected results/outputs.

3. Progress achieved in the reporting period for each activity of the WP

Activity	Activity title	Start month	End month	Status
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3.1	State of Play in Policies, Financing, Technologies & Stakeholders	02-2018	07-2019	Proceeding according to work plan
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Deliverable	Deliverable title	Deliverable description	Finalisation month	Progress	Status	Deliverable proof
3.1.1	Joint Report on technologies of innovative greenhouses in the involved MED regions	A report from each country will be elaborated, recording innovative greenhouses and feeding with information the joint report which will be elaborated by LP. All partners will provide input to the LP. The Adapt2change Greenhouses will be presented	09-2018	During the 1st semester, the LP (responsible for the joint deliverable) designed the methodology and the template of the deliverable and sent it (including guidelines) to the partners. The partners are working on it and will deliver their contribution on September according to the AF.	Proceeding according to work plan	
3.1.2	Development of Stakeholders & Beneficiaries database	A database will be built by LP (all partners will be involved) identifying existed innovative networks of the eco-innovation / agriculture sector. Contact details of the beneficiaries & stakeholders from quadruple helix will be also recorded	09-2018	During the 1st semester, the LP (responsible for the joint deliverable) designed the methodology and the template of the deliverable and sent it (including guidelines) to the partners. The partners are working on it and will deliver their contribution on September according to the AF.	Proceeding according to work plan	

3.1.3	Joint report of available financial channels for eco-innovative technologies	Financial schemes for eco-innovative investments (including sectoral programmes, PPP's, Business Angels) will be identified & presented in every involved country. Obstacles & solutions will be assessed & a joint report will be elaborated by PP1.	09-2018	During the 1st semester, the PP1 (responsible for the joint deliverable) designed the methodology and the template of the deliverable and sent it (including guidelines) to the partners. The partners are working on it and will deliver their contribution on September according to the AF.	Proceeding according to work plan	
3.1.4	Joint Report on existing policies/frame works	Existed policies / framework and regulations at national and international level will be reported for each involved country. All partner will be involved and a Joint report will be elaborated by PP1.	09-2018	During the 1st semester, the PP1 (responsible for the joint deliverable) designed the methodology and the template of the deliverable and sent it (including guidelines) to the partners. The partners are working on it and will deliver their contribution on September according to the AF.	Proceeding according to work plan	
3.1.5	Gap Analysis & policy recommendations	Gap Analysis including identification of missing links & development of tailored policy recommendations for the establishment of innovative greenhouse will be elaborated with the contribution of all partners. A joint report will be elaborated by LP	12-2018	The LP (responsible partners) started the preparations regarding the methodology and the structure of the deliverable and he will sent it to the Partners on the 2nd Semester. The partners will start implementing their contribution in the joint report on the 2nd Semester.	Proceeding according to work plan	

Activity	Activity title	Start month	End month	Status
3.2	Transferring knowledge	02-2018	07-2019	Proceeding according to work plan

Deliverable	Deliverable title	Deliverable description	Finalisation month	Progress	Status	Deliverable proof
3.2.1	Training course material for stakeholders/actors on geothermal greenhouse installations	The education institutes will be responsible to design and produce course material for stakeholders/actors regarding the installation, the operation and the replication procedures of the prototype geothermal greenhouse.	12-2018	The LP and PP1 (responsible partners) started the preparations regarding the structure of the deliverable and they will send the material (completed) to the partners on the 2nd Semester according to the AF.	Proceeding according to work plan	
3.2.2	Development of E-learning platform	PP1 will design and develop an e-learning platform where the Web seminars will take place (Webinars). The platform will be available to all partners in order to conduct their webinars with their national key players/actors.	12-2018	PP1 (responsible partner) started the preparations for the design and the development of the platform (completed the tender of the selection of the external expert who will support PP1 with the implementation of this deliverable) and he will completed the development of the platform on 2nd Semester according to the AF.	Proceeding according to work plan	
3.2.3	Workshops & Webinars for actors/stakeholders	The produced & designed training material will be used in workshops & Web seminars (Webinars), 6 per country, presenting installation, replication & operation procedures of geothermal greenhouses & contributing also to new models of cooperation.		-	Not started	

3.2.4	Joint MED Action plan transferring knowledge	A joint action plan in order to transfer the existed knowledge of innovative greenhouse units in the MED area will be developed contributing to sustainable development and green growth.	12-2018	-	Not started	
3.2.5	Consultations	3 consultations will be organized in every country with the participation of Policy makers and stakeholders of the sector. The conclusions and the key lines of the events will be included in a joint report which will be elaborated by PP7.	05-2018 04-2019	PP3 & PP4 organised from 1 consultation during the 1st semester. In October (2nd semester) another 3 consultations had been scheduled by PP1, PP3 and PP4. More consultations will be organised by the partners on the 2nd and 3rd Semester following the timeplan of the AF.	Proceeding according to work plan	
3.2.6	Recommendations for the establishment of mechanisms favouring cooperation between actors of the quadruple helix	A joint report with recommendations for the establishment of mechanisms favouring cooperation between Policy makers & stakeholders in order to stimulate prototype greenhouse will be elaborated by PP1 taking into account the consultations & Del.3.1.5.	05-2019	-	Not started	

Activity	Activity title	Start month	End month	Status
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3.3	Synergies & Establishment of Transnational Innovative Cluster	11-2018	07-2019	Proceeding according to work plan
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Deliverable	Deliverable title	Deliverable description	Finalisation month	Progress	Status	Deliverable proof
3.3.1	Memorandum of agreement/understanding between actors	A memorandum of Agreement/understanding will be signed by actors of the quadruple helix related to agriculture sector in order to promote eco-innovation solutions increasing transnational activity of innovative clusters and network of the sector.	07-2019	-	Not started	
3.3.2	Final Conference	An international final Conference will be organized by LP in Larisa with the participation of all the partners and actors/key players of the agriculture/greenhouse sector. The Memorandum of agreement will be officially presented in the event.	07-2019	-	Not started	

3.3.3	Forum of Innovative Agriculture	The Forum (the parties of the memorandum) will be also created in order to support follow up activities after project implementation, informing and publishing news to stakeholders/actors of the agriculture/greenhouse sector.	07-2019	-	Not started	
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4. Please describe progress achieved in this reporting period for each activity of the WP

Programme output indicator	Project main outputs	Project main output description	Estimated month of delivery	Project outputs quantification (target)	Accomplished until now (including this progress period)	Accomplished during this progress period	Progress level	Proof of realisation attached to the progress report
Number of operational instruments to favour innovation of SMEs	4.1 Joint tools promoting cooperation between actors of quadruple helix & innovative greenhouses	The tools developed during project will be: policy recommendations favouring cooperation between the actors of quadruple helix, joint MED Action Plan transferring innovative greenhouses in the MED area, an e-learning platform (including training course material) and tailored policy recommendations for the establishment of innovative greenhouses. All the tools will contribute to project's specific objectives.	2019-03-29	4	0	0	proceeding - according to the work plan	

<p>Number of transnational innovation clusters supported</p>	<p>4.2 Transnational Innovative cluster</p>	<p>One of the project's specific objectives is to create & empower innovation clusters and networks in the field of agriculture/greenhouse production. The MED Greenhouses project will contribute to the development of an Agricultural Transnational Innovative Cluster (through memorandum of agreement signed in the Final conference) consisting of actors from the quadruple helix (at least 20 from each country) in the MED Area.</p>	<p>2019-06-28</p>	<p>1</p>	<p>0</p>	<p>0</p>	<p>proceeding - according to the work plan</p>	
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