



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 #3

Submitted version

Period from 2018-09-01 to 2019-02-28

Technological Educational Institute of Thessaly

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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		Technological Educational Institute of Thessaly	
Project Nb		3082	
Duration of the project	Starting date	2018-02-01	Number of months
	Ending date	2019-07-31	18
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 / 00306945903022

1.3 Highlights of main achievements

Regarding the management activities, the partners participated in the 2nd Partners' Meeting (Murcia of Spain) & discussed about the progress of project's activities and the identified issues. The key points of the project were clarified and the partners focused on the project objectives, results, outputs, target groups & future activities. Furthermore, the Partners elaborated & submitted on time their 1st progress report. Most of the partners elaborated the intermediate evaluation report in order to monitor the progress of the activities & address any issues identified during project implementation.

Regarding the Communication activities, a joint communication plan was elaborated with the contribution of all the partners & promotional material had been printed. Project's social media pages & webpage are active & up to date with news/events. Furthermore, many partners had participated in events of MED programme transferring & exchanging knowledge with other projects.

Regarding the capitalizing activities, most of the partners had finished their contribution with the deliverables of the Activity "State of Play in Policies, Financing, Technologies & stakeholders". Regarding the Activity "Transferring Knowledge", several key deliverables had been completed, including the elaboration of training material for the MED Greenhouse technology, the development of the e-learning platform, the organization of consultation with key players of the agriculture

sector and the conduction of workshops with stakeholders. Furthermore, some partners had already completed with their contribution for the Joint Action Plan Transferring Knowledge.

Specific Objectives

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

Main Outputs

3 out of 4 tools were produced during the 2nd semester. These are: Gap analysis & policy recommendations (draft version), Action Plan Transferring Knowledge (draft version), e-learning platform & training material.

Cooperation Added Value

The transnational 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 Mediterranean level.

1.4 Problems and solutions found

Lead Partner & PP1:

Regarding the implementation of project activities (communication & capitalizing ones), no major issues have occurred during the 2nd period. However, in accordance with the Hellenic National Law 4589 (Government Gazette 13 /29-1-2019), as of 29-1-2019, the TEI of Thessaly is no longer considered an independent legal entity and is merged with the University of Thessaly. As a result some administrative issues needed to be addressed after the merge of the TEI of Thessaly (Lead Partner) with the University of Thessaly (Project Partner 1).

Regarding the administrative & financial management:

1. A major modification need to be made (including among other budget modification between the 2 partners, modification on partnership composition)
2. Internal administrative issues need to be addressed by the administration body of the University of Thessaly
3. An approval from JS need to be taken regarding the project modification request for the smoothly implementation of the project.

PP2:

The deadlines in several deliverables (mainly the deliverables foreseen in Act.3.1) have been a bit hard to follow. Due to the fact that the public procurement of the external expertise was cancelled, the implementation of the foreseen deliverables has been delayed. tender. However, PP2 started immediately preparing the re-launch of the tender in order to speed up the whole procedure and contribute to the smooth progress of the project. The award to the external expertise is expected in May 2019.

PP3, PP4 & PP5:

No major issues have occurred during the 2nd period

PP6:

The process of creating a bank account dedicated to the project has stumbled upon several bureaucratic obstacles. This issue had hindered RCB to proceed with other related steps and processes in due time, such as the implementation of the deliverables of Act3.1 and Act.3.2, as foreseen in the AF. However, this issue was successfully addressed and the RCB launched the Tender for the selection of his external expert and completed the procedures required for the request of the advanced payment for IPA partners. The missing deliverables will be delivered within the 3rd semester.

PP7:

The appointment of the external expert was delayed and postponed for the 3rd semester and the missing deliverables will be elaborated by then.

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 large degree	Most of the partners had identified gaps and obstacles in the existing national/regional framework and had contributed in the elaboration of the del.3.1.5 "Gap Analysis & policy recommendations" which will be taken into account for the elaboration of the Memorandum of Agreement which will be signed among the involved regions.	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 large degree	Most of the partners have identified their key players of the sector in their regions and several of them have engaged them in project's events (consultations & workshops) or informed them about project's objectives, activities and achievements in programmes' events, or external events, transferring and capitalising existing knowledge.

Strengthen and empower innovation clusters and networks in the field of agriculture/greenhouse production	To a minor degree	This objective will be fully achieved during the 3rd semester with the establishment of the ATI Cluster and the elaboration of the del.3.2.6 "Recommendations for the establishment of mechanisms favouring cooperation between actors of the quadruple helix".	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 will be achieved during the 3rd Semester with the elaboration of the del. 3.2.6 and 3.3.1.
Increase the number of enterprises receiving grants for eco-innovation related to greenhouse production	To a large degree	a draft version of the del. 3.1.3 "Joint report of available financial channels for eco-innovative technologies" had been elaborated by most of the partners assessing the current situation and the opportunities at national/regional level. This deliverable, together with the del.3.2.6 and 3.3.1 and the establishment of the Cluster (3rd semester) will contribute to the full achievement of the objective.	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 large degree	Many partners had participated in events and surveys of horizontal project (including events of Circular Economy), and particularly in Thematic Working Groups of the Green Growth Community, contributing with input in the White paper and the Green Growth Book. During these events, they presented the MED Greenhouses project and exchanged knowledge and experiences with partners of other projects, contributing also in the achievement of the communication objective.

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	3	4.1	Joint tools promoting cooperation between actors of quadruple helix & innovative greenhouses	4	2019-03-29	3
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	2	11	Partner's Progress Reports	<p>The target groups were recorded:</p> <ul style="list-style-type: none"> - Through their participations in project's events (consultations and workshops/webinars implemented in the context of the project), - through participation of the partners in external / Green Growth events presenting the MED Greenhouse project. <p>The recording was based on participant's lists.</p>	162.50
Business support organisation	16.00 Number	13	6	Partner's Progress Reports	<p>The target groups were recorded:</p> <ul style="list-style-type: none"> - Through their participations in project's events (consultations and workshops/webinars implemented in the context of the project), - through participation of the partners in external / Green Growth events presenting the MED Greenhouse project. <p>The recording was based on participant's lists.</p>	118.75
General public	200.00 Number	430	111	Partner's Progress Reports	<p>The target groups were recorded:</p> <ul style="list-style-type: none"> - Through their participations in project's events (consultations and workshops/webinars implemented in the context of the project), - through participation of the partners in external / Green Growth events presenting the MED Greenhouse project. <p>The recording was based on participant's lists.</p>	270.50

Interest groups including NGOs	8.00 Number	22	16	Partner's Progress Reports	<p>The target groups were recorded:</p> <ul style="list-style-type: none"> - Through their participations in project's events (consultations and workshops/webinars implemented in the context of the project), - through participation of the partners in external / Green Growth events presenting the MED Greenhouse project. <p>The recording was based on participant's lists.</p>	475.00
Higher education and research	8.00 Number	32	55	Partner's Progress Reports	<p>The target groups were recorded:</p> <ul style="list-style-type: none"> - Through their participations in project's events (consultations and workshops/webinars implemented in the context of the project), - through participation of the partners in external / Green Growth events presenting the MED Greenhouse project. <p>The recording was based on participant's lists.</p>	1087.50
International organisation, EEIG	6.00 Number	0	5	Partner's Progress Reports	<p>The target groups were recorded:</p> <ul style="list-style-type: none"> - Through their participations in project's events (consultations and workshops/webinars implemented in the context of the project), - through participation of the partners in external / Green Growth events presenting the MED Greenhouse project. <p>The recording was based on participant's lists.</p>	83.33
Local public authority	16.00 Number	20	22	Partner's Progress Reports	<p>The target groups were recorded:</p> <ul style="list-style-type: none"> - Through their participations in project's events (consultations and workshops/webinars implemented in the context of the project), - through participation of the partners in external / Green Growth events presenting the MED Greenhouse project. <p>The recording was based on participant's lists.</p>	262.50

National public authority	6.00 Number	4	24	Partner's Progress Reports	<p>The target groups were recorded:</p> <ul style="list-style-type: none"> - Through their participations in project's events (consultations and workshops/webinars implemented in the context of the project), - through participation of the partners in external / Green Growth events presenting the MED Greenhouse project. <p>The recording was based on participant's lists.</p>	466.67
SME	16.00 Number	48	73	Partner's Progress Reports	<p>The target groups were recorded:</p> <ul style="list-style-type: none"> - Through their participations in project's events (consultations and workshops/webinars implemented in the context of the project), - through participation of the partners in external / Green Growth events presenting the MED Greenhouse project. <p>The recording was based on participant's lists.</p>	756.25
Regional public authority	6.00 Number	25	43	Partner's Progress Reports	<p>The target groups were recorded:</p> <ul style="list-style-type: none"> - Through their participations in project's events (consultations and workshops/webinars implemented in the context of the project), - through participation of the partners in external / Green Growth events presenting the MED Greenhouse project. <p>The recording was based on participant's lists.</p>	1133.33

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 €	100.00
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).

n/a

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 €	19,737.80 €	100.00
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 PP6) participated in the 2nd SCM that took place in Murcia of Spain and discussed about the progress of the activities and issues that need to be addressed. 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. Furthermore, the LP collected the feedback from the Partners regarding the JS Questions & Answers document for the 1st Reporting Period and provided the necessary modifications and clarifications about the 1st Reporting Period. In January 2019, the LP informed the partners about a major issue that needed to be addressed after the merge of the TEI of Thessaly (Lead Partner) with the University of Thessaly (Project Partner 1) in accordance with the Hellenic National Law 4589 (Government Gazette 13 /29-1-2). Due to this change, a major modification needed to be submitted for the change of the Lead Partner. The partners agreed the leadership to be taken by the University of Thessaly. So, the Lead Partner, after informing and discussing this issue with the project officer, started the preparations of the documents/actions required for the formal request. The partners also agreed to apply for project's extension request as this will be vital for the sustainability (more time to engage/register more members and better design the offered services) of the one of the main outputs of the project, which is the ATI Cluster.

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

Activity	Activity title	Start month	End month	Status
1.1	Project Management & Coordination	02-2018	07-2019	Proceeding according to work plan

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.		All the partners contributed in the Minutes of the 2nd SCM in Murcia of Spain and elaborated their project reports for the 1st reporting period and inserted their expenses on SYNERGIE. Furthermore, the LP prepared and submitted the 1st Project Progress report and 1st payment claim.	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	Most of the partners elaborated the intermediate Evaluation Report based on the methodology and the template provided by the Lead Partner. The contribution of PP2, PP6 and PP7 is missing.	Behind schedule	X

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 €	7,010.03 €	100.00
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 joint communication plan (Del 2.2.1) was elaborated with the contribution of all the partners. The promotional material were also printed by all the partners based on the designs created by the University of Thessaly. The social media pages (Del 2.2.2) and the project webpage (Del 2.4.1) were fed with news and posts with the contribution of the partners. Furthermore, in the context of the Act. 3.3 "Links with horizontal projects", the partners have participated in MED Events (including these of Green Growth Community) and in external events (related with MED Greenhouses project) disseminating, transferring and exchanging knowledge with other actors/partners of the sector and seeking for synergies.

All partners are working to ensure the visibility of the project through all available channels, and the remaining activities/deliverables will be completed in the 3rd semester.

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	Completed
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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 joint communication plan was elaborated by the LP with the contribution of all the partners.	Completed and achieved as planned	X

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	Most of the partners had printed the foreseen promotional material. PP2 and PP6 will produce their material in the 3rd semester, disseminating it in project's events.	Behind schedule	X
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	The partners feed with posts and news related to the project the social accounts in facebook and twitter disseminating/promoting project's activities and eco-innovation.	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 video will be developed in the 3 rd semester.	Not started	
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Activity	Activity title	Start month	End month	Status
2.3	Links with Horizontal projects	03-2018	02-2019	Behind schedule

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	Some of the partners had already finished with their contributions. However, most of the partners are expected to finish with this deliverable at the first half of the 3 rd semester participating, in events of the interreg med programme.	Behind schedule	
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		Some of the partners had already finished with their contributions. However, most of the partners are expected to finish with this deliverable at the first half of the 3 rd semester, participating in external events of similar projects.	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.		The official page is active and up-to-date with news and posts related to the project's activities and events.	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 €	53,052.04 €	100.00
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 Act.3.1, most of the partners finished with their contribution to:

- D.3.1.1 "Joint Report on technologies of innovative greenhouses in the involved MED regions",
- D.3.1.2 "Development of Stakeholders & Beneficiaries database",
- D.3.1.3 "Joint report of available financial channels for eco-innovative technologies" &
- D.3.1.4 "Joint Report on existing policies/frameworks"
- D.3.1.5 "Gap Analysis & policy recommendations"

The contribution of PP2, PP6 and PP7 is still missing but is expected in the 3rd semester. Draft versions of the joint reports had been elaborated.

Regarding the Act.3.2,

- D.3.2.1 "Training material" had been elaborated by LP and PP1,
- D.3.2.2 "e-learning platform" had been elaborated by PP1,
- D.3.2.3 "Workshops & Webinars for actors/stakeholders": is still in progress.
- D.3.2.4 "Joint MED Action Plan Transferring knowledge" has been completed by some partners. A draft version of it is available. The contribution of PP2, PP6 and PP7 is still pending.
- D.3.2.5 "Consultations" had been completed by most of the partners.

-D. 3.2.6 "Recommendations for the establishment of the mechanisms favouring cooperation between actors of the quadruple helix": The template has been provided by the University of Thessaly. The deliverable is in progress.

Act.3.3 and the foreseen deliverables will be implemented in the 3rd Semester.

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

Activity	Activity title	Start month	End month	Status
3.1	State of Play in Policies, Financing, Technologies & Stakeholders	02-2018	07-2019	Behind schedule

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	A draft version of the joint report has been elaborated. The contribution of PP2, PP6 and PP7 is missing.	Behind schedule	X

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	A draft version of the joint report has been elaborated. The contribution PP7 is missing.	Behind schedule	X
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 indentified & presented in every involved country. Obstacles & solutions will be assessed & a joint report will be elaborated by PP1.	09-2018	A draft version of the joint report has been elaborated. The contribution of PP2, PP6 and PP7 is missing.	Behind schedule	X
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	A draft version of the joint report has been elaborated. The contribution of PP2, PP6 and PP7 is missing.	Behind schedule	X

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	A draft version of the joint report has been elaborated. The contribution of PP2, PP6 and PP7 is missing.	Behind schedule	X
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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 Training course material had been completed by LP and PP1.	Completed and achieved as planned	X

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	The e-platform had been developed by PP1.	Completed and achieved as planned	X
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.		The workshops are still in progress.	Proceeding according to work plan	
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	The contribution of PP2, PP6 and PP7 is still missing.	Behind schedule	

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	The consultations are still in progress from some partners.	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	The template of the deliverable had been produced and shared to the partners by LP & PP1.	Proceeding according to work plan	

Activity	Activity title	Start month	End month	Status
3.3	Synergies & Establishment of Transnational Innovative Cluster	11-2018	07-2019	Proceeding according to work plan

Deliverable	Deliverable title	Deliverable description	Finalisation month	Progress	Status	Deliverable proof
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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	The MoA/U is a matter of discussion among the partners and will be defined in the 3rd semester.	Proceeding according to work plan	
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	The final Conference will be held by the Lead Partner the 2nd part of the last semester.	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	SEMIDE (PP4) is responsible for the organisation of the Forum and will inform the partners in the 3rd semester	Proceeding according to work plan	

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	3	3	[en]en cours – en accord avec le plan de travail	X
Number of transnational innovation clusters supported	4.2 Transnational Innovative cluster	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 (though 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.	2019-06-28	1	0	0	[en]en cours – en accord avec le plan de travail	