

**Interreg
Greece-Italy**

European Regional Development Fund



EUROPEAN UNION

IR₂MA

**Large Scale Irrigation Management Tools for Sustainable
Water Management in Rural Areas and Protection of
Receiving Aquatic Ecosystems**

3rd management meeting
Foggia, ITALY
17/7/2019

Agenda of 3rd Management meeting (CBC/PB5)

A. Technical – Administrative – Financial management issues

- Overview by the LB
- Contributions by PBs

B. Open discussion

1. Project's state of the art: review of timetable, milestones, procurement plan
2. Eventual modification request
3. Fiscal topics
4. Progress reporting
5. Project communication
6. Implementation of the physical objects

3rd Management meeting

A.

Technical – Administrative – Financial
management issues

Overview by the LB

IR2MA

Priority axis (PA): 2

Thematic objectives (TO)/

Priorities: 06

Investment Priority: 6f

Specific Objective (SO): 2.3

Start: **10/12/2017** (in order to
include the period of the optimization procedure)

End: **30/03/2020**

Duration (months): **27,68**

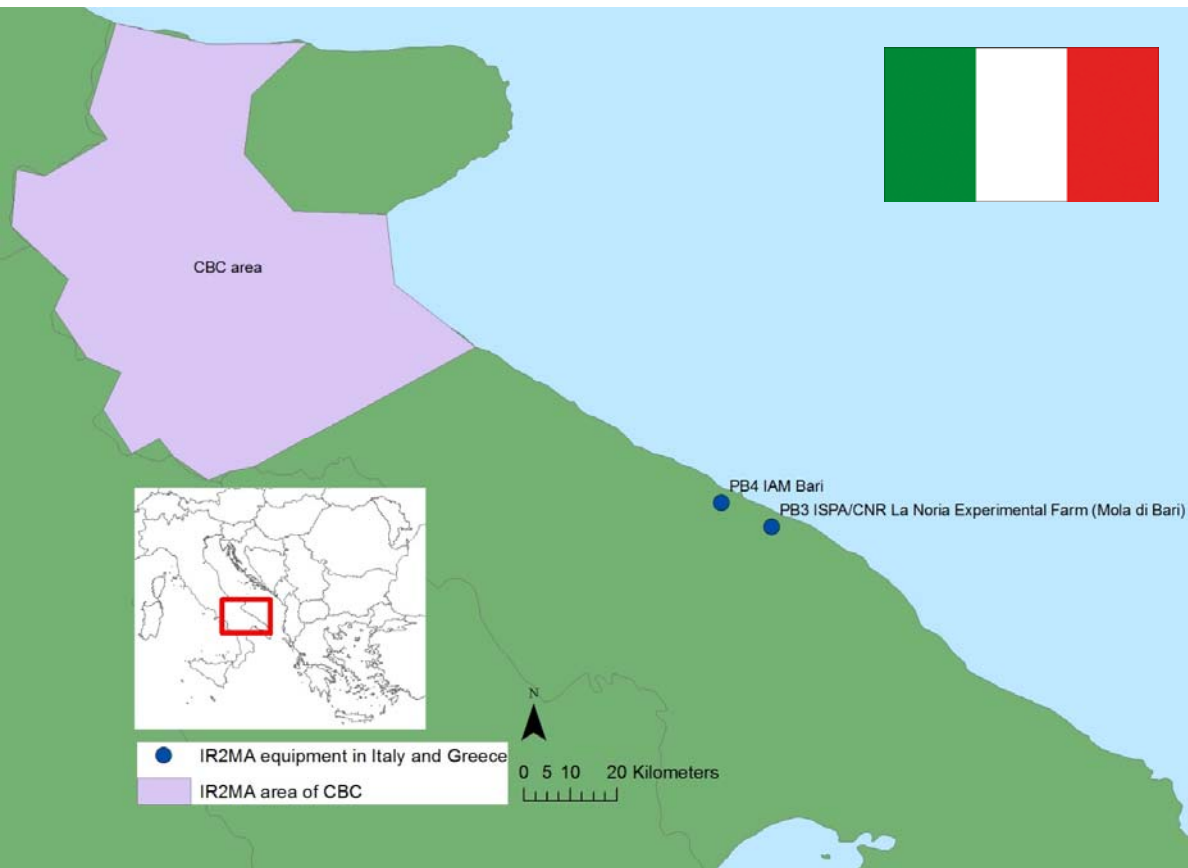
Total final budget:

901.477,98 € (54% GR, 46%
IT)

Consortium

1. **UNIVERSITY OF IOANNINA – Research Committee** ([Uoi](#), PB1/LB - Lead Partner)
2. **REGION of EPIRUS** ([ROE](#), PB2)
3. **ISTITUTO SCIENZE DELLE PRODUZIONI ALIMENTARI** ([ISPA/CNR](#), PB3)
4. **ISTITUTO AGRONOMO MEDITERRANEO – BARI** ([IAMB](#), PB4)
5. **CONSORZIO PER LA BONIFICA DELLA CAPITANATA** ([CBC](#), PB5)
6. **REGION OF PUGLIA** ([ROP](#), associate partner)



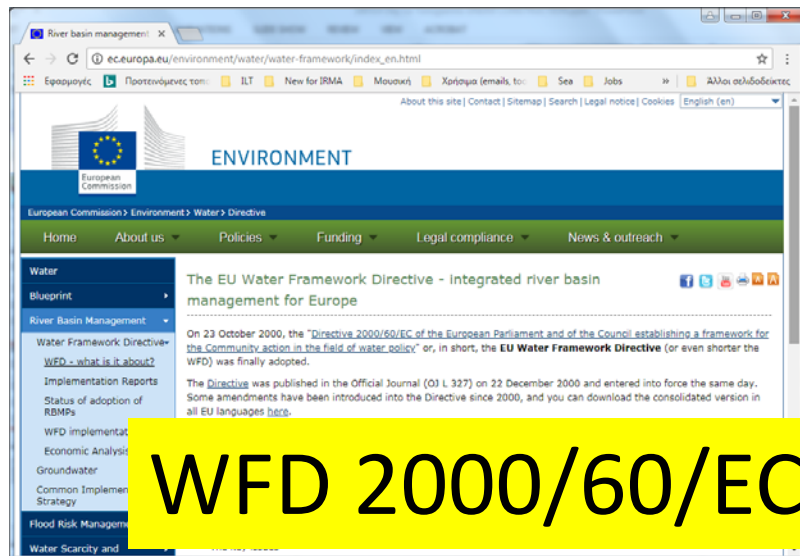


The size of implementation areas on the maps is indicative and not accurate

Area of intervention



The project concept in a glance



- 1. extension of the network of knowledge and expertise exchange**
2. improvement of the DSS for irrigation-drainage recommendations of Arta plain, extension of agrometeorological system to major plains of the Region of Epirus
- 3. help desk and support services for their use**
4. mapping, infrastructure registration and web-presence of participatory irrigation-drainage systems in Epirus
- 5. development of a pilot flood alarm system for the drainage system of the plain of Arta**

6. fine tuning of the DSS that is in operation in the area of Capitanata
- 7. monitor water flow characteristics (in both qualitative and quantitative terms) in selected participatory irrigation–drainage systems**
8. development and testing of DSS tools for irrigation scheduling using conventional and non-conventional waters
- 9. evaluation of crop response to irrigation with treated waste water and possible environmental implications**
10. events, informative material and demonstration sites

1. facilitate the implementation of WFD 2000/60/EC
- 2. improve water usage and thus relief pressure on freshwater consumption**
- 3. contribute to improved drainage control: reduction of contamination of receiving aquatic bodies, contribution to reduction of flood damage**
4. benefit end-users from reduced water and energy costs that arise from inefficient irrigation management

Work packages

WP	TITLE
1	Management costs
2	Information and publicity
3	Mainstreaming efficient irrigation and drainage practices
4	Cooperation with Water and Land Reclamation Organisations and Environmental Agencies
5	Demonstration activities and applied research
6	Activities outside of eligible area

Indicators

Output Indicators

Code	Title	Measurement unit	Target
O0521	Number of supported cross border cooperation structures and networks in the field of environmental technologies	No	1

Result Indicators

Code	Title	Measurement unit	Target
R0505	Level of capacity of regional and local authorities and public utilities operators to integrate environmental friendly processes and technologies in their operations with special attention to the coastal and maritime zones	%	10

WP1 Management Costs



1. Proposal submission
2. Optimization process
3. Application form and Justification of budget
 - 4 versions in order to include budget alterations, change of LB and 1st modification
4. Subsidy Contract and Partnership agreement
 - 2 versions in order to include change of LB
5. Anagraphic forms
 - 2 versions
6. Milestones
 - 2 versions
7. Procurements' Plan
 - 2 versions
8. Modification request
9. Management meetings
 - 2 meetings (the current is the 3rd)
10. Progress reports
 - 2 reports – 3rd under preparation

1. [APPLICATION FORM \(v3.1, page 5\)](#): WP's table with dates
2. [Milestones \(v2 2/2019\)](#): expenditures' goals to be achieved
3. [Procurement plan \(v2 2/2019\)](#): estimations regarding starting dates of tenders, dates of signing the contract and contracts durations

Dates and amounts to be achieved, [probable project application period extension](#)

Progress reports

1. [1st progress report](#) (up to 31/10/2018): submitted
2. [2nd progress report](#) (up to 31/12/2018): submitted
3. **3rd progress report (1/1/2019 – 30/6/2019): under preparation (deadline for submission 31/7/2019)**

Combination with management meetings

Next management meeting

- PB2
- Epirus / Ioannina, GREECE
- Proposed period: 12/2019 to 1/2020
- Combination with 4th progress report (7-12/2019 deadline 31/1/2020)

Special presentation by the Financial Manager of the project

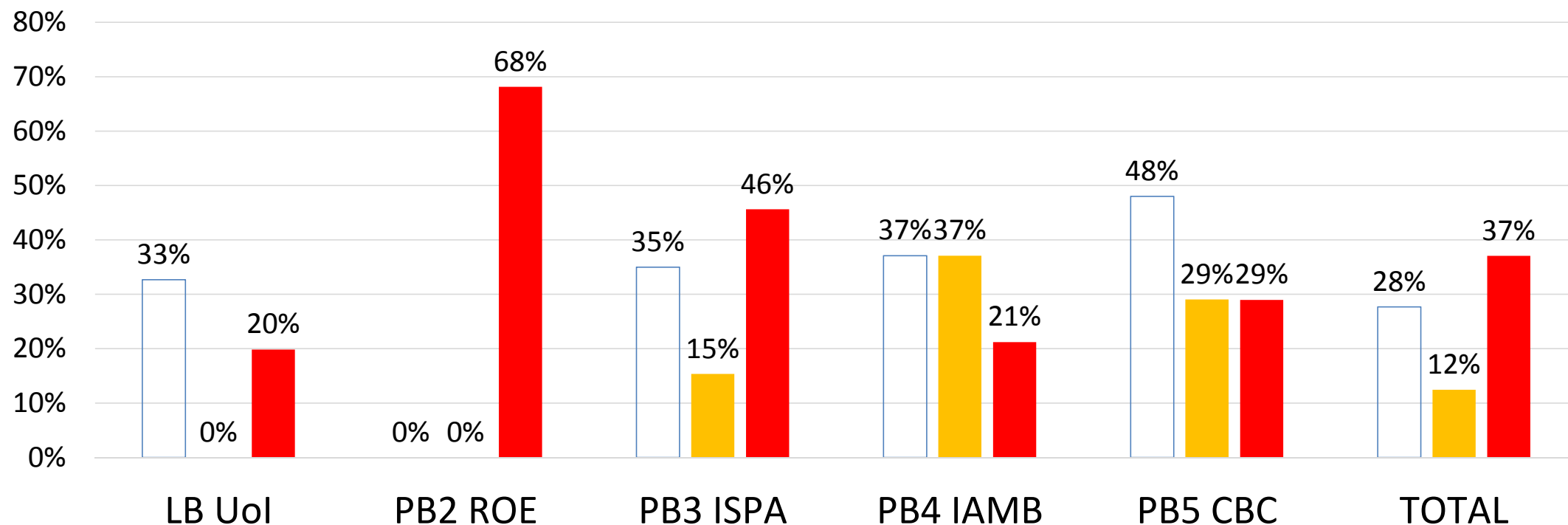
- Funding
- Paid out Expenses
- Verified Expenses

Goals and achievements

Partner	TOTAL Approved Budget according to the Application Form	TOTAL Expenditure paid out including this reporting period	Milestones (goal for verified expenses I Semester 2019)	TOTAL Verified Expenditure including this reporting period
LB UoI	271.195	88.614	53.770	0
PB2 ROE	217.016	0	147.900	0
PB3 ISPA	152.525	53.358	69.580	23.410
PB4 IAMB	162.222	60.182	34.408	60.182
PB5 CBC	98.520	47.287	28.528	28.609
TOTAL	901.478	249.441	334.186	112.200

For presentation reasons numbers where rounded to nearest integer

Goals and achievements



- Percentage (%) Expenditure paid out including this reporting period
- Percentage (%) Verified Expenditure including this reporting period
- Percentage (%) Milestones (goal for verified expenses I Semester 2019)

WP2 Information and publicity

WP6 Activities outside of eligible area

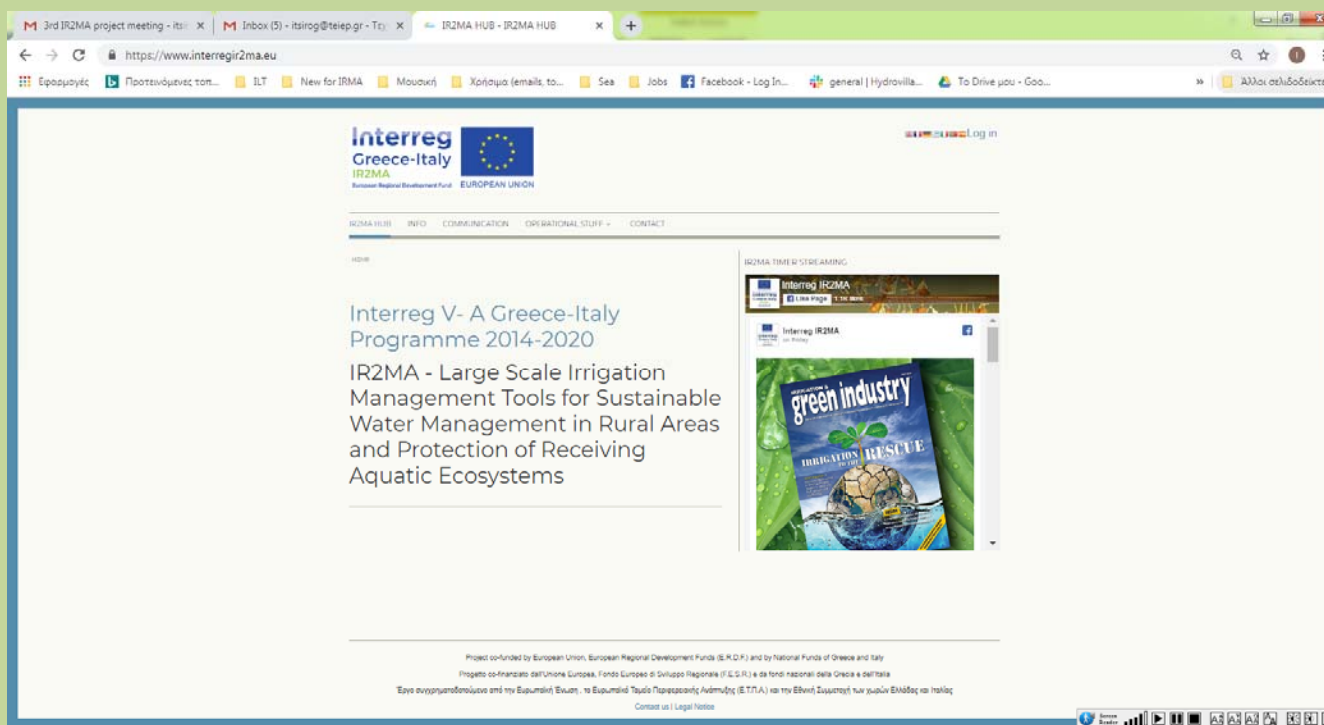


WP2 Progress

- The communication plan has been completed (PB1)
- The web site and the FB page (PB1) are fully operational (**new names**)
- Technical reports have already been published (PB1, PB3 and PB4)
- Dissemination activities (helpdesk (PB1), organization of and participation in events (PB1, PB3, PB4 and PB5) and case special promotional leaflets (PB4)) have already been implemented.
- **Project dissemination material (PB2) must be prepared soon**

IR2MA website

<https://www.interregir2ma.eu/>



Check operational stuff menu ([use PB1/LB as sample](#))
and send us relevant lists

regir2ma.eu/operational-stuff/deliverables-ir2ma-pb1

ILT New for IRMA Μουσική Χρήσιμα (emails, to... Sea

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MUNICATION OPERATIONAL STUFF ^ CONTACT

PB1 (LB) UNIVERSITY OF IOANNINA

PB2 REGION OF EPIRUS

PB3 ISTITUTO SCIENZE DELLE PRODUZIONI ALIMENTARI

PB4 MEDITERRANEAN AGRONOMIC INSTITUTE OF BARI

PB5 CONSORZIO PER LA BONIFICA DELLA CAPITANATA

WP1 D1.1.2 Project management activities)

ommunication strategy and web site)

1.1 Communication strategy and web site)

Technical reports and dissemination events):

for the plain of Arta

for the participatory irrigation systems of the plain of Arta and the relevant permit for using w

ment for olive crop

1.3 Technical reports and dissemination events):

Arta, Greece

PB1 (LB) University of Ioannina - 1 x

https://www.interregir2ma.eu/operational-stuff/deliverables-ir2ma-pb1

Εφαρμογές Προτεινόμενες τοπ... ILT New for IRMA Μουσική Χρήσιμα (emails, to... Sea Jobs

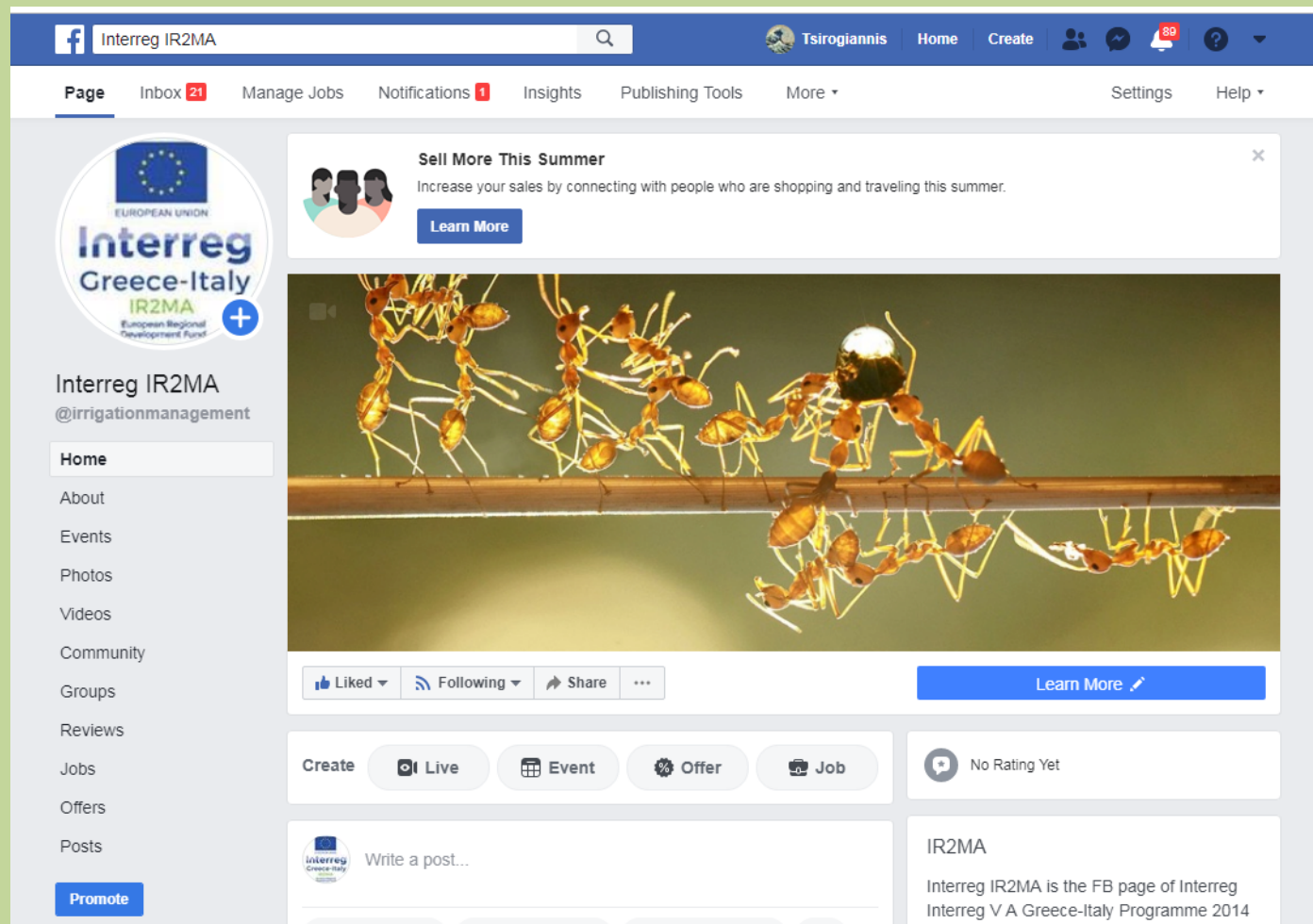
PB1 (LB) UNIVERSITY OF IOANNINA

1. Kick-off management meeting (WP1 D1.1.2 Project management activities)
2. Project website (WP2 D2.1.1 Communication strategy and web site)
3. Communication plan (WP2 D2.1.1 Communication strategy and web site)
4. Technical reports (WP2 D2.1.3 Technical reports and dissemination events):
 1. Agrometeorological data for the plain of Arta
 2. Water flow measurements for the participatory irrigation systems of the plain of Arta and the relevant permit for using water for agricultural irrig
 3. Efficient irrigation management for olive crop
 4. Report 4
5. Dissemination events (WP2 D2.1.3 Technical reports and dissemination events):
 1. WATERinMARCH! 2019, Arta, Greece
 2. Event 2020
6. Technical repository regarding irrigation (WP3 D3.1.1 Repository)
7. Audit protocol (WP3 D3.1.3 Update of audit protocol and audits):
 1. Audit protocol
 2. Audits of irrigation systems
8. Irrigation management tools (WP3 D3.1.4 DSS adaption and extension):
 1. Irrigation tools (base maps, irrigation scheduling calculator, fertigation calculator, pump energy consumption calculator)
 2. Flood alarm for drainage pumping station (Vigla / plain of Arta / Epirus)
 3. Irrigation volume monitoring device
 4. Upgrade of the agro-meteorological data provision system (selected areas in Epirus) and DSS / virtual meteorological station for irrigation (plain of Arta / Epirus)
 5. Evaluation of the DSS operation (plain of Arta / Epirus)
9. Helpdesk for using irrigation management tools (WP2 D2.1.2 Helpdesk)
10. Mapping of selected participatory systems in Epirus (WP4 D4.1.1 Participatory systems mapping)
11. Participatory systems in Epirus current state report (WP4 D4.1.2 Participatory systems current state report)
12. Web presence of participatory systems (WP4 D4.1.3 Web presence of participatory systems)
13. Study regarding usage of treated water for irrigation (WP4 D4.1.4 Usage of treated water for irrigation)

IR2MA Facebook group

Appropriate hashtags and tags have to be used in all posts

- #Interregproject
#EUprojects #IR2MA
- @interreggreeceitaly
@irrigationmanagement



[https://www.mdpi.com/journal/water/special issues/irrigation sustainable](https://www.mdpi.com/journal/water/special%20issues/irrigation%20sustainable)



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A special issue of *Water* (ISSN 2073-4441). This special issue belongs to the section "Water Use and Scarcity".

Deadline for manuscript submissions: **31 March 2020.**

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Special Issue Editors

Guest Editor

Dr. Vito Cantore

Institute of Sciences of Food Production, National Research Council (CNR-ISPA), Via Amendola, 122/O, 70125, Bari, Italy

Website | E-Mail

Interests: evapotranspiration; irrigation management; water stress; salinity stress; water use efficiency; sustainable water management; vegetables; irrigation DSS; sustainable fertilization



WP6 Activities outside of eligible area

- Participation at **IA's Irrigation Show 2018** (PB4, USA, Dec 2018)
- Participation at **ISHS' IX International Symposium on Irrigation of Horticultural Crops** (PB1, Italy, June 2019)
- Participation at **ISHS' Greensys 2019 International Symposium on Advanced Technologies and Management for Innovative Greenhouses**(PB3, France, June 2019)

3rd Management meeting

A.

Technical – Administrative – Financial
management issues

Contributions by PBs

WP1, WP2, WP3, WP4, WP5, WP6

Presentation by each partner:

- Progress during 1-6/2019 and up to 6/2019
- Scheduled action for the next 6 months



3rd Management meeting

B. Open discussion

1. Project's state of the art: review of timetable, milestones, procurement plan
2. Eventual modification request
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