

**Interreg**  
**Greece-Italy**  
**IR2MA**

European Regional Development Fund



EUROPEAN UNION

# IR<sub>2</sub>MA

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



**Interreg**  
**Greece-Italy**  
European Regional Development Fund  EUROPEAN UNION

**CAPITALISATION  
WORKSHOP**

TOWARDS THE GREECE-ITALY 2021-2027

**19th October 2021**  
**Venue Levante Fair**  
**Internationalisation Pavilion**  
**h. 9.30-17.00**



MIS Code: 5003280

Start: **10/12/2017**

End: **30/06/2021**

Priority axis (PA): 2

Thematic objectives (TO)/

Priorities: 06

Investment Priority: 6f

Specific Objective (SO): 2.3

Total budget: **901.477,98 €**

**(54% GR, 46% IT)**

Total certified expenditures at the end  
of the project: **96.3%**



University  
of  
Ioannina



HELLENIC REPUBLIC  
REGION OF EPIRUS



CIHEAM  
BARI

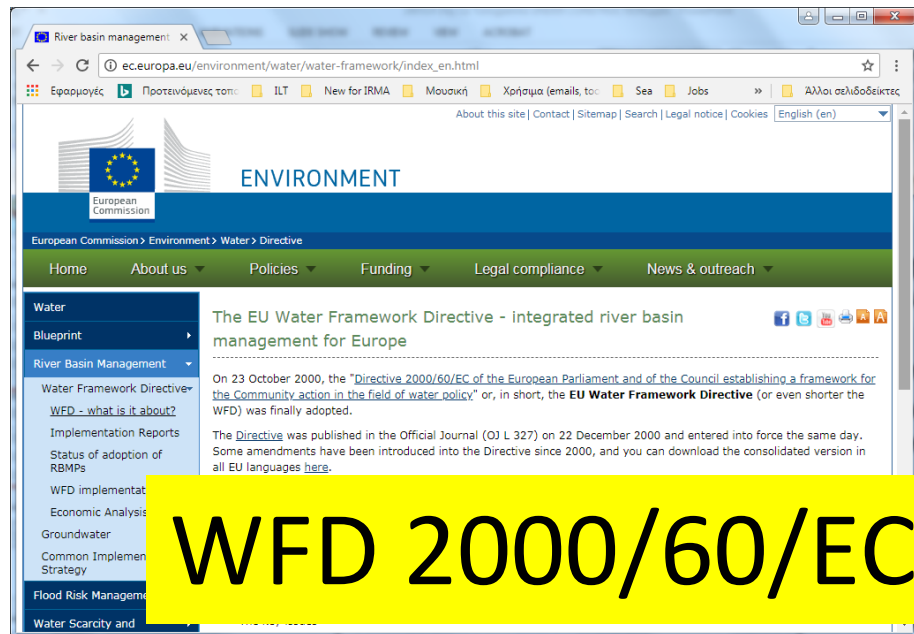


CONSORZIO  
PER LA BONIFICA  
DELLA CAPITANATA



- 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)**

# IR2MA concept in a glance



# The IR2MA way

- **Cooperation** with Water and Land Reclamation Organisations and Environmental Agencies
- **Mainstreaming** efficient irrigation and drainage practices
- **Applied research** and **demonstration** activities
- **Dissemination** of results at local, regional and international levels

# Relevance of the output



- **The major water user in the programme area is agriculture**
- Collaborative cross-border action for the identification, development and transfer of good practices in all levels, can lead to water resources protection in both qualitative and quantitative terms
- The **solutions** that were proposed, tested and validated in **IR2MA**, include:
  - cross-border **cooperation** between academic and research institutions, public authorities, irrigation water management organisations and end-users
  - **tools and capacity building** to integrate environmentally friendly processes with special attention to receiving aquatic ecosystems



## Added-value

- **Participatory approach** including major stakeholders for irrigation water management in both countries and involvement of numerous other organizations and end-users in the project's activities (consultancy, applied research, training and events)
- *Activities in 150.000 ha of participatory irrigation water systems in the Programme area*
- *Improved results regarding irrigation water and energy management (for example 42% less water and energy consumption for olive cultivation, 40% less water consumption for greenhouse plants)*

Ready-to-use



**13** new stations for measuring weather and water parameters

**200** irrigation audits for large irrigation systems and farms

Application and testing of **3** smart irrigation management systems

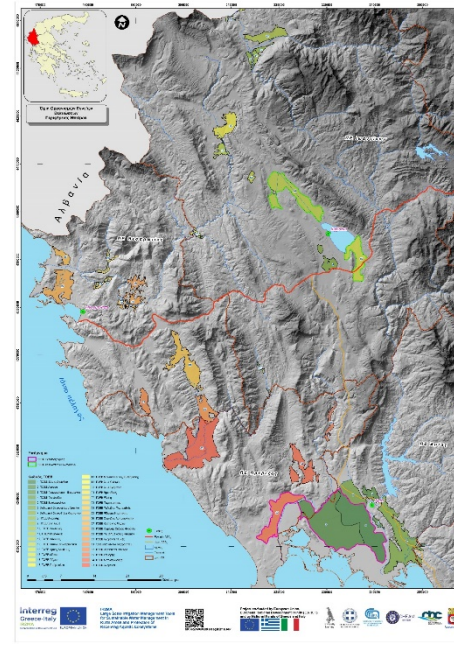
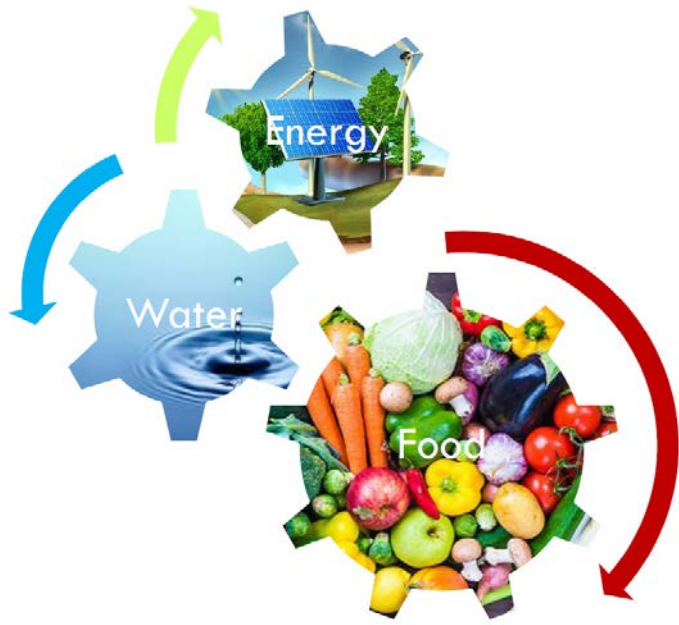
**15** technical publications (studies / reports / guidelines)

**10** articles for irrigation stakeholders and the public

Organisation of **8** and participation in **10** open events (conferences, workshops)

**10** presentations of scientific results







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Interreg V-A  
Greece-Italy  
Programme  
2014-2020

[www.greece-italy.eu](http://www.greece-italy.eu)

IR2MA  
Large Scale Irrigation  
Management Tools for  
Sustainable Water  
Management in Rural  
Areas and Protection of  
Receiving Aquatic  
Ecosystems

Subsidy Contract No: 11/2.3/27

**WP4**  
**Deliverable 4.1.2**  
**Participatory systems  
current state report**

Participatory irrigation and drainage  
systems (Land Reclamation  
Organisations) of the Region of  
Epirus

Project co-funded by  
European Union, European Regional  
Development Funds (ERDF) and by  
National Funds of Greece and Italy



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**water**

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**Special Issue "Climate Smart Irrigation Management for Sustainable Agricultural Cultivation"**

- Print Special Issue Flyer
- Special Issue Editors
- Special Issue Information
- Keywords
- Published Papers
- Planned Papers

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

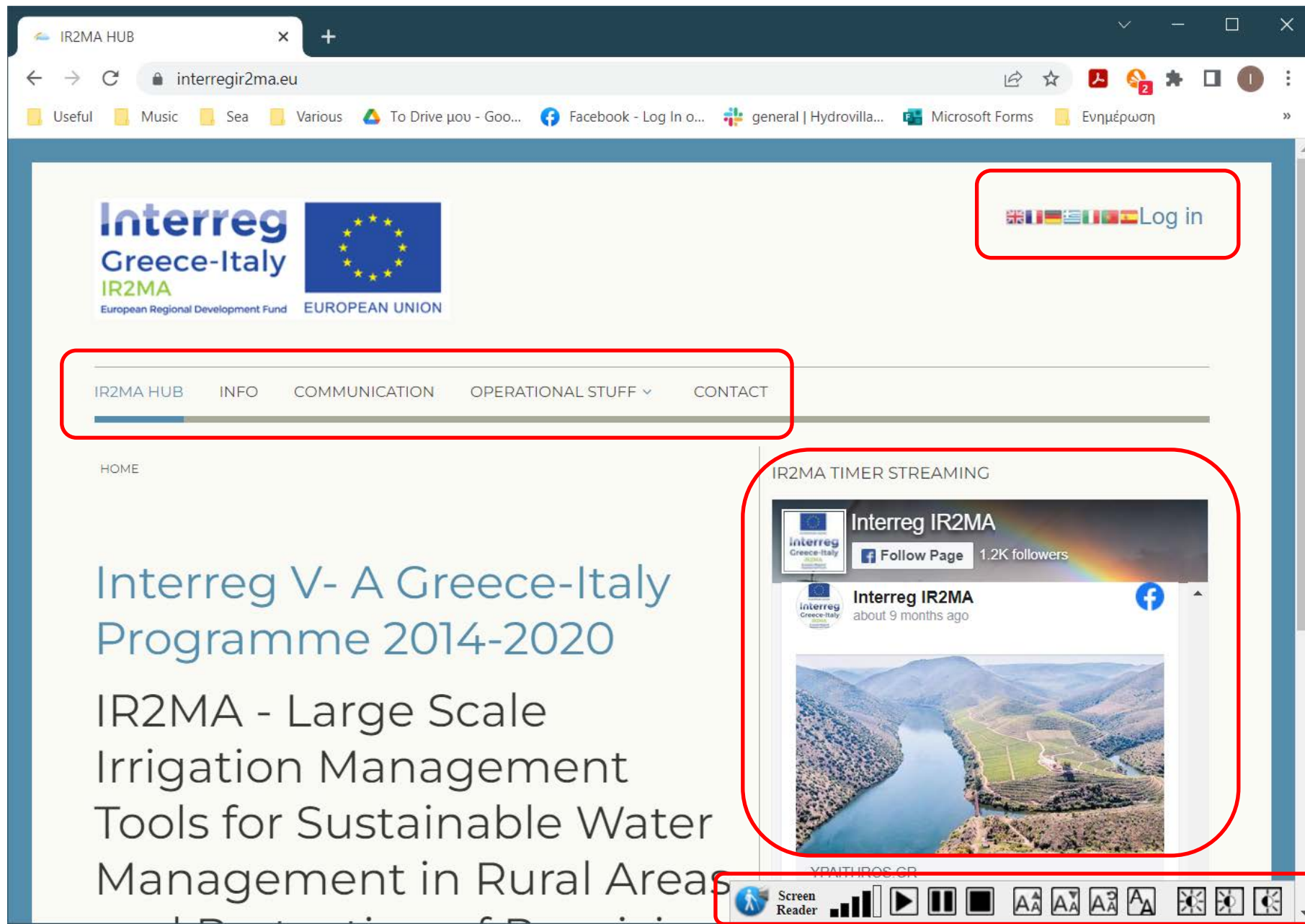
Deadline for manuscript submissions: 30 June 2021.

**IMPACT**  
2-3



# Potential for transfer

- The outputs of the project were decided to have a **fully operating character**
- IR2MA included deliverables which because of their character have the potential to be **directly implemented** in broader areas
- We are seeking for **new collaborations** and funding for the maintenance and expansion of the sensor networks, the application of services to irrigation water management organisations and R&D activities



The screenshot shows a web browser window with the URL [interregir2ma.eu](https://www.interregir2ma.eu/). The page features the Interreg Greece-Italy IR2MA logo and the European Union flag. A navigation menu is located below the logo, with the 'IR2MA HUB' item highlighted. A 'Log in' button with flags for various countries is positioned in the top right corner. The main content area includes the heading 'Interreg V- A Greece-Italy Programme 2014-2020' and 'IR2MA - Large Scale Irrigation Management Tools for Sustainable Water Management in Rural Areas'. A social media widget for 'Interreg IR2MA' is visible, showing a Facebook page with 1.2K followers and a post from about 9 months ago featuring a landscape image of a river in a valley. The browser's taskbar at the bottom shows various utility icons.



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



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