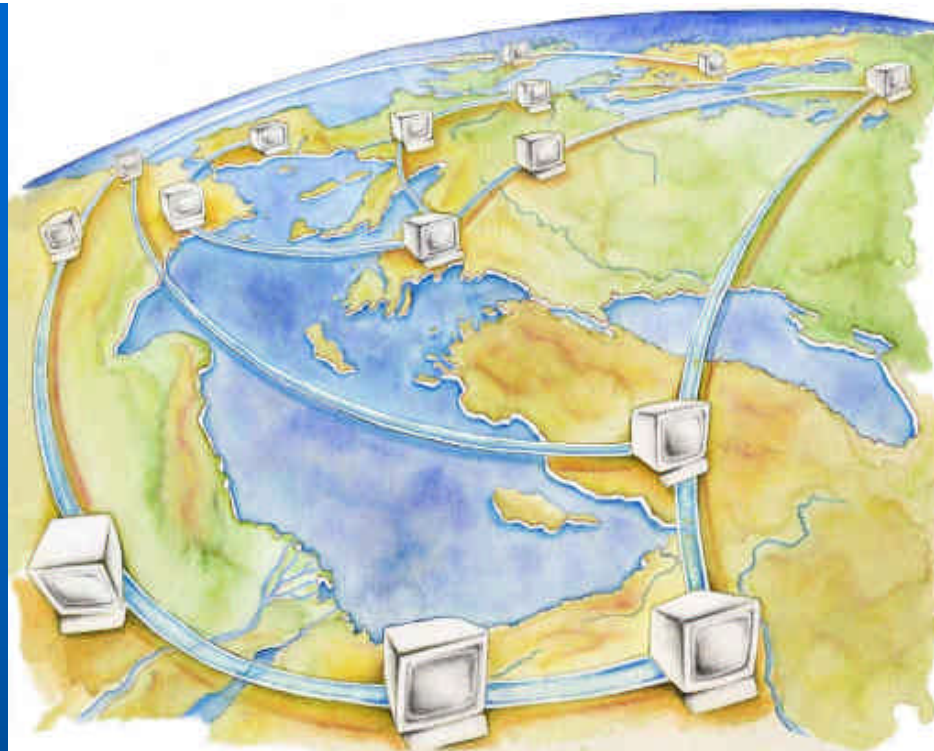


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Méditerranéen
d'information sur les
savoir-faire dans le
domaine de l'Eau**



**النظام المعلوماتي الأورو متوسطي
للمعرفة في مجال المياه**

Review of current EMWIS projects

Valencia, 9 September 2014

Dr. Jauad EL KHARRAZ, EMWIS TU

EURO-MEDITERRANEAN PARTNERSHIP



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**Euro-Mediterranean
Information System
on know how in the
water sector**





Content

- **Projects:**
 - PAWA
 - DemEAUmed
 - WEAM4i
 - SAID
 - OPIRIS
 - R-Know
 - **Potential interest for South and East Mediterranean Partner countries**
 - **Some financing opportunities**
- Diagram illustrating the funding sources for the projects:
- EU Environment pilot action (connected to PAWA)
 - EU research programme Water innovation (connected to DemEAUmed, WEAM4i, SAID, and OPIRIS)
 - NGO Med facility (connected to R-Know)



Pilot Arno Water Accounts

- ❑ <http://pawa.emwis.net>
- ❑ **Start date: 01/01/2014, Duration: 15 months**
- ❑ **Total Budget: 200 015 €, EC funding: 150 011 €**
- ❑ **3 partners from: Italy & France:**
 - ❑ **EMWIS,**
 - ❑ **Arno River Basin Agency (ARBA),**
 - ❑ **Italian Institute for Environmental Protection and Research (ISPRA) - coordinator**



Expected results

Improving the implementation of water accounts at EU level;

Improving data exchanges between local stakeholders on water availability, use (and reuse);

Supporting decision making on optimisation of measures related to quantitative water resources management (e.g. water allocation);

Preparing coherent development of this approach in other Italian river basins facing water scarcity, droughts and/or desertification.

Interest for MPCs

- Structuring NWISs;
- Potential application for improving quantitative water management at river catchment or aquifer level.



Demonstrating integrated innovative technologies for an optimal and safe closed water cycle in Mediterranean tourist facilities

- ❑ www.demeaumed.eu
- ❑ **01/01/2014, Duration: 42 months**
- ❑ **5.83 M€, EC funding: 4.02 M€**
- ❑ **15 partners**
 - business, research, technology, hotel communities and public agencies and organizations-
 - 7 EU countries: *Spain, Germany, The Netherlands, Austria, Italy, France and Belgium*



Expected results

Innovative solutions for closing water cycle in facilities of tourism industry;
Demonstrate at the reduction of fresh water consumption, improved efficiency of distribution, water/wastewater treatment and reuse while minimizing carbon footprint.

Interest for MPCs

- Survey of main hotel resorts to assess current water management and the potential of water saving
- **Review of water reuse legislation to assess the feasibility of solutions proposed**
- Participation in dissemination activities (provision of information to interested persons) or project advisory board (review of projects output)



Water & Energy Advanced Management for Irrigation

- ❑ www.weam4i.eu
- ❑ **01/11/2013, Duration: 42 months**
- ❑ **Total Budget: 7.6 M€, EC funding: 5.2 M€**
- ❑ **17 partners**
 - Business, research, irrigation communities and public agencies and organizations –
 - 5 European countries: *Spain, Germany, Portugal, The Netherlands and France*



Expected results

Facilitate, support and accelerate the development and deployment of innovative solutions to improve water and energy efficiency in irrigation;

Create market opportunities for these innovations, both inside and outside Europe.

Interest for MPCs

- Dissemination of results during targeted events
- Participation of experts in the project advisory board



Smart Water Management with Integrated DSS

- ❑ www.said-project.eu
- ❑ **01/01/2014, Duration: 36 months**
- ❑ **Total Budget: 3.2 M€, EC funding: 2.2 M€**
- ❑ **10 partners**
 - Business, technology, research, public agencies and organizations-
 - 4 European countries: *Spain, Germany, Portugal and France.*



Expected results

Reduce economic losses due to floods;
Reduce energy consumption;
Improve socio-economic balance between demand & resources;
Support Water Authorities to have better decisions regarding water quality management.

Interest for MPCs

- The results can be applied to other Mediterranean countries
- Dissemination of results during targeted events
- Participation of experts in the project advisory board



Online professional irrigation scheduling expert system,

- ❑ www.opiris.eu
- ❑ **01/12/2013, Duration: 24 months**
- ❑ **Total Budget: 1.3 M€, EC funding: 840 K€**
- ❑ **13 partners**
 - ❑ **research centers, SMEs, commercial operators, know-how and associations;**
 - ❑ **6 European countries: *Estonia, France, Greece, Portugal, Spain and United Kingdom***



Expected results

Saving water, especially where annual traditional amount of irrigation water is beyond average crop water requirements;

Saving energy and manpower required to pump and distribute excess water.

Interest for MPCs

- The results can be applied to other Mediterranean countries
- Dissemination of results during targeted events



Systemic Approaches to Water Resources Management

- ❑ www.rknow.net
- ❑ Start date: 01/01/2013, Duration: 36 months
- ❑ Total Budget: 1.3 M€, EC funding: 997 K€
- ❑ 7 partners from:
 - ❑ NGOs, international organisations
 - ❑ Morocco, Palestine, Lebanon, Egypt, Jordan, France and Switzerland



Expected results

Regional Water Knowledge Network;

Guidelines on systemic approaches that could be applied to Natural Resources Management;

Reinforcement of the capacity of local authorities to use systemic approaches.

Interest for MPCs

- Identification of flagship projects & excellence centres that could be promoted
- **Involvement of water authorities in the national R-know networks**
- Preparing new national networks in other Med Partner countries



Call	Details
ERANETMED	<ul style="list-style-type: none">■ 1st joint call for transnational research projects to be launched on 1 November 2014 with a deadline for submission of proposals on 31 January 2015.■ Call co-funded by Algeria, Cyprus, Egypt, France, Jordan, Greece, Germany, Italy, Lebanon, Malta, Portugal, Tunisia, Turkey & Spain.■ Four groups of activities can be supported: collaborative research, innovation, capacity building and mobility.■ The objective is to develop joint research and enhance new innovative approaches and technologies in the Mediterranean Region. The scope of the call includes renewable energies and energy efficiency, water resources management or a combination of water and energy issues in the same project
SWIM	Sustainable Water Integrated Management Programme (A possible launch of its continuation for the period 2015-2020)
Horizon2020 (Research)	<ul style="list-style-type: none">■ Several calls for projects are scheduled.■ EMWIS will submit as partner those days one (SWOS: Satellite-based Wetland Observation Service) with other 11 partners from: Germany, Netherlands, Sweden, Spain, Greece, France & Belgium.



Call	Details
LIFE+	<p>For the sub-programme for Environment, this call will cover action grants "Traditional" projects (Deadline: 16 October 2014), Preparatory projects (Deadline: 29 October 2014), Integrated projects (Deadline: Phase I, concept note 10 October 2014; Phase II, full proposal April 2015 (tbc)), Technical Assistance projects (Deadline: 15 September 2014) and Capacity Building projects (Deadline: on a rolling basis until 30 September 2015).</p> <p>Proposals may be submitted by legal persons (entities) registered in the EU. Applicants may fall into three types of beneficiaries: (1) public bodies, (2) private commercial organisations and (3) private non-commercial organisations (including NGOs).</p>
ENPI CBC MED	An expected call for the next phase should be launched in 2015 for standard and strategic projects covering all fields.
Other opportunities	Potential donors (SIDA, SDC, AFD, AfDB, WB, GIZ, DG ENV...)



Thank you for your attention
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