WaterInnEU final meeting
January 24-25th, Casa de la Convalescència, Barcelona

ICT4Water & WIDEST

http://www.widest.eu & http://www.ict4water.eu

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www.ict4water.eu

The vision:

to establish a thriving and interconnected **ICT for the Water Community** with **the main objective of promoting synergies and knowledge exchange among all actors involved in water sector**.

This vision is twofold:

- in one hand, contribute to advance in the **consolidation of an ICT for the Water Community** that will be better informed, defined and integrated than today;
- on the other hand, will help the **results and outcomes from current research projects improving their exploitation plans and increasing their dissemination potential**.

The target community will be mainly composed by different stakeholders including **Water Authorities, Water Operators, System Integrators, ICT for Water technologies professionals, Policy Makers, and the relevant industry at large**.

Background FP7/H2020: Funding on ICT and Water Management

2011-2012: CIP-ICT-PSP Thematic network
2012-2013: Five (5) Collaborative EU projects
2013-2014: Five (5) more Collaborative EU projects
2015: Five (5) Coordination and Support Actions (CSA)
2016: …

Similar themes and targets: All targeting water authorities/utilities and end users

1st group: Emphasis (rather) on water authorities/utilities

2nd group: Emphasis (rather) on end users and their behavior

3rd group: Horizontal actions, dissemination

4rd group:…

Interdisciplinary approach

Partnerships between ICT equipment providers, Water Domains Experts, software companies and water authorities/utilities, and users

ICT for Smart Water Management Alignment EC perspective

Smart technologies:

- To **increase water efficiency**
- To **improve water management**
- To **manage water demand**
- To **reduce leakage**
- To **reduce energy** for water utilities and households
- To **Improve coordination** among actors
- To advance in the **Nexus** concept (water-energy-Land)
- To cover **agricultural, urban and industrial** needs
- To increase end **user awareness**
- To affect end user **behavioural change**

PROJECTS

Development of the Roadmap " *Emerging Topics and Technology Roadmap for Information and Communication Technologies for Water Management*" 2014/2015/2016

Actions

Exchange of information- Common **website**-Contacts

Special sessions in Conferences/Publications

Common development of **standards and standardisation**

Common papers

Links with/participation in Water EIP relevant **action groups**

Lots of synergies
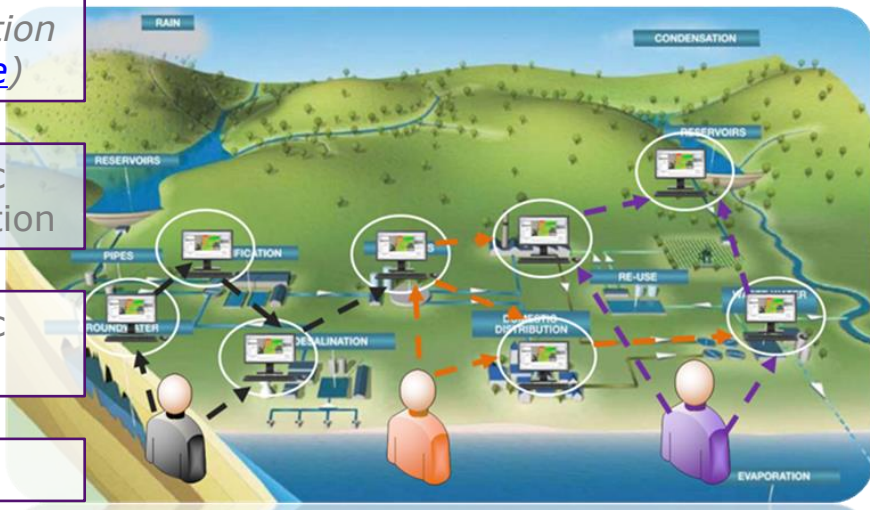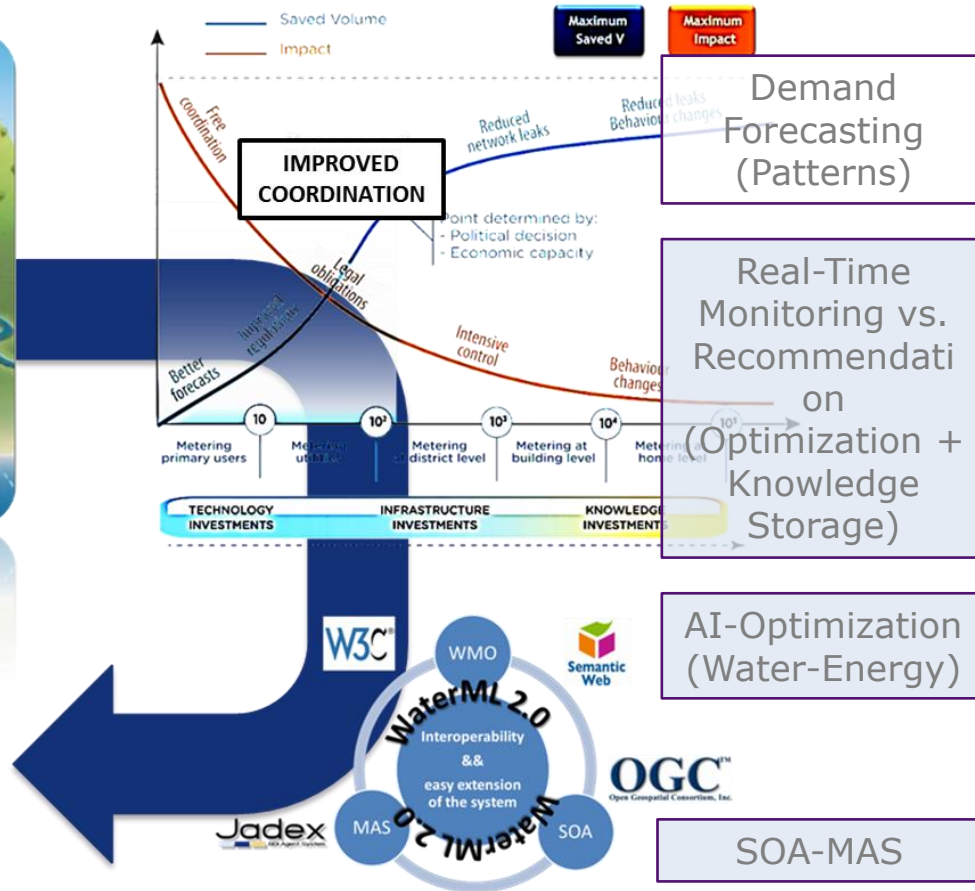
ANNUAL WATERWISE WATER 2017 EFFICIENCY CONFERENCE

**Delivering Water Efficiency
8th March 2017
Royal Society of Arts, London,
WC2N 6EZ**

Waterwise Water Efficiency Conference and ICT4Water Cluster Event

The 2017 Waterwise Annual Water Efficiency Conference will be focused on Delivering Water Efficiency projects and programmes. Once again it will provide an opportunity for key stakeholders within the water sector to come together to discuss how to further water efficiency in the UK. This year we are also delighted to be hosting a European ICT4Water Cluster event as an integral part of the conference.

http://www.waterwise.org.uk/pages/conference-2017.html

AGENDA

10.00-10.10 Introduction to the day, Martin Bradbury
10.10 - 10.30 Defra Presentation

Research and Innovation – Chair Dragan Savic, Exeter University

10.30 - 10.50 H2020 Water opportunities in WP2017 and Research Themes for WP2018-2020 European Commission – **EASME,** Evdokia Achilleos
10.50 - 11.40 Research and Innovation panel, Aaron Burton, **IWA**; ICT4Water Members; Mark Lane, UK Water Partnership

Engagement – Chair Liz Sharpe, Sheffield University

12.10 - 12.30 **Engaging Stakeholders and the wider public**, Nicci Russell, Waterwise
12.30 - 13.20 Engagement panel, DAIAD; Sharon Russell-Verma - SaveWater (South East); Ana-Maria Millan-Villaneda, CC Water, Rose O'Neill, WWF; ICT4Water Members
14.20 - 14.40 SmartH2O Presentation

Implementation – Chair Jean Spencer, Anglian Water

14.40 - 15.20 **ICT4Water Action Plan for Water Digital Single Market**, EC Expert, Gabriel Anzaldi Varas and **European Commission – DG CONNECT**, Aude Glénisson
15.20 – 16.10 **Implementation panel,** Ben Earl – **Southern Water** Andrew Tucker - **Thames Water, EMIVASA** Valencia, SMARTH2O, **Welsh Water** – WISDOM, ICT4Water Members
16.10 – 16.30 **Financing Water Efficiency**, David Black, Ofwat
16.30 - 16.40 Conference Close – Nicci Russell, Waterwise
16.40 – 17.30 Networking and Drinks and Project Presentation

New members – Old Members

H2020-Water1a	CYTO-WATER
H2020-Water1a	iMETland
H2020-Water1a	SUBSOL
H2020-Water1a	CENTAUR
H2020-Water1a	MOSES
H2020-Water1a	MASLOWATEN
H2020-Water1b	SMART-Plant
H2020-Water1b	WADI
H2020-Water1b	INTCATCH
H2020-Water1b	AquaNES
H2020-Water1b	INCOVER
H2020-Water1b	INTEGROIL

WIDEST

Water Innovation through Dissemination Exploitation of Smart Technologies

H2020-Water4a-2014
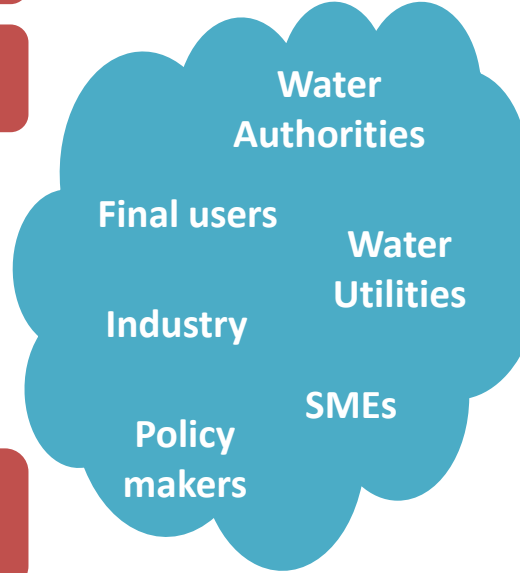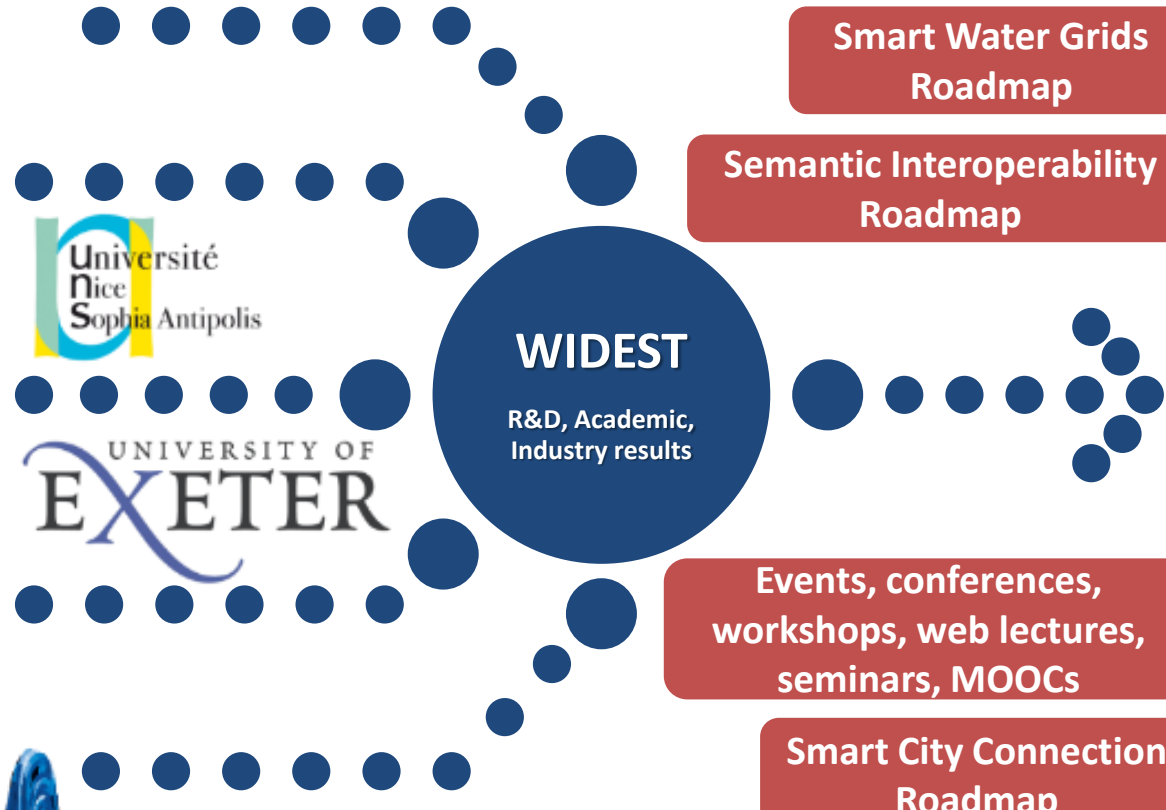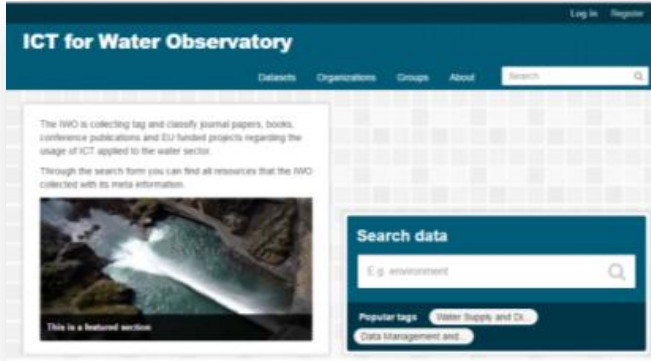
WIDEST

WIDEST
R&D, Academic, Industry results

RESULTS EU FUNDED ACTIVITIES
promote exploitation of relevant ICT-based tools and platforms and their integration for market, develop appropriate policy briefs, and foster knowledge

eurecat
Technology Centre of Catalonia

eurecat
Centre Tecnològic de Catalunya

Université Nice Sophia Antipolis

UNIVERSITY OF EXETER

CETAQUA ANDALUCIA
CENTRO TECNOLÓGICO DEL AGUA

WaterInnEU

WssTP
Membrane Technologies Working Group

Technology Portfolio

Smart Water Grids Roadmap

Semantic Interoperability Roadmap

Events, conferences, workshops, web lectures, seminars, MOOCs

Smart City Connection Roadmap

Products

Water Authorities

Final users

Industry

Policy makers

Water Utilities

SMEs

IWA
the international water association

European Commission

ict4water.eu

WIDEST

(http://iwo.widest.eu)

Roadmaps Downloads

WIDEST ROADMAPS
- "Semantic Interoperabilty and Ontologies" topical roadmap (Avaliable
- "Smart City Connection" topical roadmap (Avaliable from July 2016)
- "Smart Water Grids" topical roadmap (Avaliable from July 2016)

Other Roadmaps
- Strategis Implementation Plan
- ICT4WATER Resour
  Consultation 31/01/2013
- ICT4WATER Resour
  consultation 04/02/2014
- IBM - Water

(http://www.widest.eu)

ICT4WATER Downloads

User requirements and market studies
- iWIDGET - D1.1.1 – Requirements Analysis
- DAIDA - D1.1 – State of the art Report
- IceWater - D2.1 – State of the Art Analysis
- KINDRA - D1.1.1 – Requirements Analysis
- iWIDGET - D1.2 – Harmonised Terminology and

Data Management Pl
- DAIAD - D1.2 – Requirem
- Waternomics - D1.3 – Sys
- iWIDGET - D2.2.1 – Meth
  architectural design
- IceWater - D5.1 – Multiple
  consumption patterns identifi

Technology Downloads

Software
- Menyanthes
- HyCA
- SIPAID - CAFCA - COWAMA - SONDEA - METRESA - SAED
- Aquology Technologys
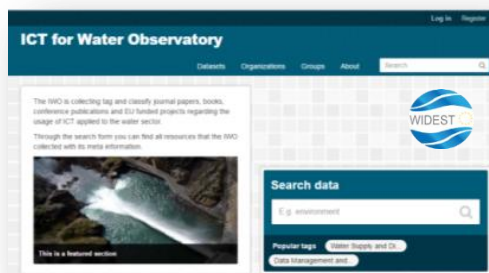- LanddisGyr Technologys
- Work Wise
- SIG OGC RADIAM
- ADMET

GroundWater Markup Language
- GroundWater Markup Language Index
- XSD Schema
- XML Examples

Devices
- Amphiro B1
- HyCA
- WiSense

Information Sources

(http://iwo.widest.eu)

ICT and Water Management Roadmap 2016

(http://www.widest.eu)

2016 Rolling Plan on ICT Standardisation

Recommendations for Standards and Standardisation in the European
SMART Water Market

THANK YOU
FOR YOUR ATTENTION

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