

OBJECTIVES

The @qua network addresses the aim at the EU level to create a shared vision on ICT for water efficiency and will provide a coherent roadmap for the consolidation of existing good practices and the development of innovative ICT solutions.

@qua Network's main objectives :

- To create a forum of stakeholders at national and European level for sharing best practices, providing indications, solutions and standards about the ICT solutions for the water domain;
- To identify the needs and the expectations for ICT solutions in the various water business processes covering the full water domain;
- To define a roadmap about priorities, through broad stakeholders' consultation, for disseminating and developing an active strategy for implementation of existing ICT solutions in the various sectors of the water industry;
- To draft technical specifications for R&D actions for innovative ICT solutions needed by the water business processes, ensuring coherent development & implementation by the industrial sector and public stakeholders;
- To define the "level of sharing" on interoperability, standards and architecture in the deployed ICT solutions in the water domain;
- To elaborate, through broad stakeholders' consultation, guidelines and specifications on ICT solutions for water efficiency management.

IMPACTS

The expected impact of the @qua network is the creation of a collaborative framework, at the EU level, for sharing, defining and validating interoperability, standards and architecture for ICT solutions in the water domain. The network will develop the key concept of "level of sharing" and elaborate through broad stakeholders' consultation, guidelines on ICT for water efficiency management.

Following recommendations and requests, the @qua network will promote action for further involvement of stakeholders, including SME's, at the local and regional level, facilitating cross-fertilisation of ideas and proposals, also with the aim of focussing on specific pilot initiatives to improve the efficiency and impact of ICT solutions in the water sector. This action will clearly provide guidance and major axes for R&D programmes and support the economic activities of the sector.

@qua is an Open Network!

Your company can become **partner** and collaborate in the **@qua Workshops!**

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@qua

ICT
for water
efficiency

THEMATIC
NETWORK
ON
INFORMATION
COMMUNICATION
TECHNOLOGIES
FOR WATER
EFFICIENCY

www.a-qua.eu

ABOUT THE PROJECT

@qua is a Thematic Network under the CIP-ICT PSP Programme of the European Commission.

The ICT Policy Support Programme (ICT PSP) under the Competitiveness and Innovation Programme (CIP) aims at stimulating innovation and competitiveness through the wider uptake and best use of ICT by citizens, governments and businesses, particularly Small and Medium-sized Enterprises. The approach is based on leveraging innovation in response to growing societal demands.

@qua Network:

- Provides a forum to exchange and to share expertise in deploying innovative ICT solutions for water management;
- Studies feasibility of standardized ICT solutions and interoperability in the field of water management across the EU;
- Develops specifications and guidelines according to a jointly defined "level of sharing" among representatives of professional sectors.

Digital Agenda
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for Europe



PARTNERSHIP

The theme network @qua it is being coordinated by Nice-Sophia Antipolis University and integrated by 17 partners from 10 different countries of the EU. @qua Innovation Network gathers ICT and water services leading actors from SME to majors, research entities developing competences in both sectors, local and regional authorities directly responsible for water policy and water management.

@qua is an open network:



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ACTIVITIES

The @qua network will leverage the existing community of stakeholders participating in various networks and professional organisations at the EU and international levels. By reviewing the current state of play within the various water business processes, the requirements for enhancing the existing solutions and the existing ICT deployments, the @qua network will develop a widely agreed action plan for the evolution towards standardized innovative ICT solutions based on the principle of level of sharing. This will reflect the latest developments in the ICT domain and in terms of the evolving legal framework, including the implications of the recently adopted directives (WFD, Flood, INSPIRE).

OBJECTIVES

The aim of the @qua Network is to promote the uptake of ICT solutions in order to address the fundamental problems of efficiency, faced by public and private services of the water management domain in providing information related to implementation and uses of ICT solutions.

By supporting a shared vision for streamlining current information and reporting the needs and gaps of ICT solutions in the water domain and promoting the adoption of interoperable solutions based on the concept of level of sharing, the @qua network addresses the aim at EU level to promote ICT solutions for water efficiency.