



WatERP

Water Enhanced Resource Planning
“Where water supply meets demand”

GA number: 318603

WP 8: Dissemination and Exploitation
D8.5: Dissemination Report on Periods 1+2

V1.0 05/02/2015

www.waterp-fp7.eu

Document Information

Project Number	318603	Acronym	WatERP
Full title	Water Enhanced Resource Planning "Where water supply meets demand"		
Project URL	http://www.waterp-fp7.eu		
Project officer	Grazyna Wojcieszko		

Deliverable	Number	8.5	Title	Dissemination report on periods 1+2
Work Package	Number	8	Title	Dissemination and Exploitation

Date of delivery	Contractual	26	Actual	28
Nature	Prototype <input type="checkbox"/> Report <input checked="" type="checkbox"/> Dissemination <input type="checkbox"/> Other <input type="checkbox"/>			
Dissemination Level	Public <input type="checkbox"/> Consortium <input type="checkbox"/>			

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Abstract (for dissemination)	This document analyses the dissemination activities carried out by the consortium of WatERP project during periods 1 and 2 of the project, starting on October, 2012 until September 2014.
Key words	Dissemination, publication, paper, conference, press release, webpage, factsheet, stakeholder, newsletter.

Executive Summary

Within Water Enhanced Resource Planning “Where water supply meets demand” (WatERP), communication and dissemination will play an important role in achieving project overall goals. This report analyses the activities carried out during periods 1 and 2 (**01/10/12-30/09/14**) in order to check whether the objectives of WP8 are been accomplished: increase awareness and appreciation for the need, potential and benefits of managing water supply distribution chain in a unified and customized way.

This document is divided in different parts. First of all, it will present a brief review of the dissemination objectives as well as the stakeholders targeted and dissemination procedures used during the first two years of the project. Then, it will show the materials and channels used to disseminate important information about the project.

This document entails a report on the activities described in deliverable D8.3. The actions herein described were carried out taking into account the dissemination plan and the list of activities contained in D8.3 (Annex IV).

This report includes a series of actions carried out from the beginning of the project until the elaboration of this report. A total of **thirteen web pages** (section 6.2) have mentioned the project in several occasions giving detailed information, not only about its objectives and future impact, but also about its technical evolution at different stages of its implementation. **Five relevant newsletters** (section 6.3) included articles about WatERP and **two appearances in press** took place (written press and TV; section 6.8). In addition, WatERP partners participated in **thirteen conferences** (section 6.5). In six of them, partners have participated not only introducing the project but also presenting **eleven scientific papers**. Apart from those, **another paper was published in a relevant scientific journal** (section 6.4). Finally, it should be highlighted that **sixteen meetings and workshops** (section 6.6) took place in order to contact **35 stakeholders and many other water-related people and entities** in order to strengthen the dissemination capacity of the project and better understanding of the activities and philosophy of WatERP project. Among those contacted stakeholders, there are two of the most important standardization stakeholders involved in water standardization, **OGC and ITU**. Related to the OGC contacts, WatERP was **involved on HY_FEATURES** contributing with its OGC standard experiences and focusing their efforts on discuss about compatibility and the semantic mapping implementation. Moreover, WatERP had the opportunity to present **standardization experiences** and know-hows regarding OGC OWS (OGC SOS, OGC WPS, OGC WMS and OGC WFS), WaterML2.0, semantics and ontologies in the workshop **“Standardization of Water Data Exchange: WaterML2.0 and Beyond”** organized by the Hydrology Domain Working Group of the Open Geospatial Consortium and the World Meteorological Organization.

To understand this document the following deliverables have to be read.

Number	Title	Description
D8.1	Project fact sheet	Brief document that shows an overview of WatERP project including project description, objective, expected results and more. This document has the aim of project dissemination.
D8.2	Project web site	Document that describes WatERP public web site. This document provides needed details and features of the WatERP web site.
D8.3	Dissemination strategy and activity plan for periods 1+2	This document outlines the WatERP dissemination strategy and dissemination activities to be developed during the first two period of the project. It identifies the potential target audiences and the channels of communication to be adopted during the projects.
D9.1	Shared workspace	Document that describes the WatERP shared workspace. The document provides details of the internal website of the project implemented under Redmine.
D9.2	Project management handbook	Report that provides an overview of the management and procedures that will ensure efficient execution of the project and thus contributes to the production of high quality project results. The objective is to provide the project beneficiaries with a handbook that indicates the management structure, procedures, tasks and responsibilities on all levels of project execution.

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1. Introduction

Although BDigital, as Coordinator of WatERP, was the leader of WP8 (Dissemination and Exploitation), since the beginning of the project (October 2012), all partners have actively participated in the dissemination actions in order to widely spread information about WatERP activities and objectives.

In broad terms, the purpose of dissemination is to communicate the work of WatERP to stakeholders interested in the field of research of the project. The dissemination activities have been driven by the entire project team in order to:

- **Enhance the awareness** about the use of water services and needs of conserving the water resources,
- Facilitate a **collaboration and information exchange** between relevant stakeholders (public administrations, industries, users, researchers),
- Promote the **pilots' results** of the project in a commercial context and in the research community,
- Encourage new water communities to expand the knowledge acquired in the project.

WatERP team has dedicated especial care on the reporting and dissemination of the main results as they appeared during the lifetime of the project to different target groups:

- Sharing experience with relevant **European stakeholders**, mainly industry representatives and manufacturers,
- Presentation and publication of significant findings to the wider **scientific community**,
- Education and raising awareness of the **general public** regarding ICT and water management efficiency.

2. Dissemination objectives

A correct definition of dissemination objectives is crucial to get the expected impact of the project and its outcomes. In this sense, the dissemination objectives are linked directly to the goals of the WatERP project and specifically to the ones of WP8 "Dissemination & Exploitation".

The main focus of WatERP dissemination plan is defined in the WP8 objectives:

- To transmit messages and information to potential WatERP users target groups. (For instance, achievements, reports, experiences, recommendations). Enhance the awareness about the use of water services and needs of conserving the water resources.
- Facilitate a collaboration and information exchange between relevant stakeholders (public administrations, industries, users, researchers).
- Promote the pilots results of the project in a commercial context and in the research community.
- Encourage new water actors among the water supply distribution chain to expand the knowledge acquired in the project.

The dissemination strategy has been specified in the consecution of WP8. The principal project dissemination measures are joined in the following main aspects:

- Project website as a way of publishing in the cloud all the information about the project, its participants, reports and technical publications, and other relevant information.
- Publications in academic, trade and professional journals, and magazines with the aim of generating a scientific/engineering need and attention.
- Collaboration in different professional dissemination events at both a Programme-level (technical conferences, workshops, etc.) and a cluster-level (showcase demos, learning communities, etc.).
- Other relevant media like TV, press, social media, and specialized digital media.

3. Stakeholders

In order to achieve the dissemination objectives, it was crucial to identify targets such as people, groups or organizations that could have an interest in or might be affected by the outcomes of the project. The number of dissemination targets has varied throughout the project. Apart from the several key stakeholders who have been almost constantly present (partners and sponsors), there have been some others, at different levels of importance. In D8.3, the potential WatERP user target groups for dissemination were classified in internal and external targets (section 3, deliverable D8.3):

3.1 Internal targets

The internal audience of the WatERP project is directly involved in the project and comprises academic (BDigital, ICCS, SU), utilities (SWKA), authorities (ACA), associations (DGW) and industrial partners (INCLAM, HYDS, DISY). The European Commission is also considered as internal targets.

3.2 External targets

The target audience includes:

- Water authorities, to increase their knowledge and improve their practices on new technologies for improve water supply allocations among users and needs.
- Water utilities, to promote better coordination in daily operations and increase overall efficiency.
- Water associations, to act as disseminations amplifiers of water findings.
- Water managers, to improve their daily practices by knowing new methodologies and advices.
- Water consultants, to incorporate new concepts into their proposed solutions.
- Water industry, to promote new solutions to be applied in their portfolios.
- Water scientific community, to contribute in novel ways to manage the water resources.
- Local/national/European environment departments of public administration, to preserve natural recourses and act as multipliers of water/energy best practices.
- Standardization organizations, to contribute in providing application experiences.
- Society in general, increases awareness about water savings and best using practices.
- ICT for water management - European Commission (EC), Directorate General for Communications Networks (DG ConNECT), to promote the results of the project within the European Research & Development (R&D) community.

“Annex I: Contacted stakeholders” shows a detailed list of stakeholders contacted during periods 1 and 2. A total of 35 stakeholders were contacted in order to present the project introducing its main activities, objectives and first outcomes. This number met by far the expectations of the project. All these contacts helped the project to maximize the impact of project results. After the meetings and workshops with relevant stakeholders, they expressed their interest regarding the coordination improvements among water supply distribution chain actors, and important user experiences were proposed and applied to the different developments.

One of the most remarkable stakeholder contact was the Federal Institute of Hydrology (BfG) which is responsible of developing the future standard HY_FEATURES. During a workday with them were discussed the WatERP experiences related to OGC Standards, the strategy used in WatERP to be compatible with HY_FEATURES model and, particularly, the semantic mapping implementation. Moreover, during this event future ways of collaboration were explored and initiated allowing participate to WatERP in the validation and technical contributions to HY_FEATURES (see

<http://www.waterfp7.eu/index.php/dissemination/external-news/201-visit-to-the-federal-institute-of-hydroogy-bfg>).

On the other hand, important standardization bodies were contacted such as OGC and ITU, two of the most important standardization stakeholders involved in water standardization.

Referring the OGC contacts, the project provided its standardization experiences and know-hows regarding OGC OWS (OGC SOS, OGC WPS, OGC WMS and OGC WFS), WaterML2.0, semantics and ontologies in the workshop “Standardization of Water Data Exchange: WaterML2.0 and Beyond” organized by the Hydrology Domain Working Group of the Open Geospatial Consortium and the World Meteorological Organization (See <http://www.waterfp7.eu/index.php/dissemination/external-news/185-newsletter>). Also related to the OGC, the Hydrology DWG Technical Committee Meeting held by the Hydrology Domain Working Group of the OGC was attended presenting WatERP’s objectives, activities and progress and participating in a session of questions/answer with the assistants (see <http://www.waterfp7.eu/index.php/dissemination/external-news/168-hydrology-dwg>).

Moreover, the ITU contacts allowed to WatERP attended remotely the first meeting of Focus Group “Smart Water Management” of the ITU that took place in Lima, Peru and was focused on analyse and discuss ICT projects and solutions to promote the intelligent management of water. Moreover, the group will prepare a roadmap for normalization taking into account the activities carried out by other organizations and normalization forums.

4. Dissemination procedures

In order to ensure a correct dissemination of the WatERP project, all the publications, news, events and actions performed in the context of the project have been reported through the internal project Redmine tool and then published in the external web page. Moreover, all WatERP related public communications made have been notified to the Coordinator in order to maintain up-to-date news and a complete register of dissemination and publication activities.

Dissemination material and outcomes have followed the Intellectual Property Rights (IPR)-related procedures described in detail in the Consortium Agreement.

5. Dissemination support material

In order to better achieve the target groups, several dissemination materials have been elaborated in the framework of the project. These materials have helped the actions taken in WP8 to enhance their effect:

5.1 Corporate identity

In Section 6.2.1 of deliverable D8.3 (Dissemination strategy), the visual identity of the project was defined. A logo has been designed to be used in the WatERP webpage and all project publications such as deliverables, project presentations, factsheet, posters...



Figure 1 WatERP logo

5.2 Factsheet

A variety of different communication materials have been developed to effectively disseminate the project's objectives and outcomes. These include the project factsheet (Deliverable 8.1):



Figure 2 WatERP factsheet

5.3 Brochures

Apart from the factsheet, additional brochures containing information about the project objectives and activities have been elaborated:



Figure 3 WatERP first diptych



Figure 4 WatERP second diptych

5.4 Poster

An additional support material which is very helpful to disseminate information about the project objectives and outcomes is the poster. This format transmits information in a very clear and direct way:

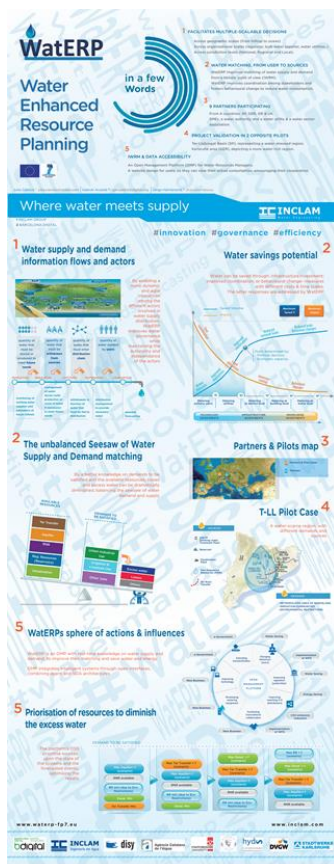


Figure 5 WatERP poster

5.5 Video

In the framework of the ICT4Water cluster (see section 6.7), WatERP is participating in the creation of a common promotional video during 2015 to present objectives of the FP7-ICT call for efficient water management, and the projects involved on it. The target of the video is the general public and it will be elaborated in a plain language, easy to understand and with a commercial perspective.

6. Dissemination channels

The channels of dissemination are those means of communication by which the sharing of information takes place. Those channels chosen by WatERP project in order to achieve the target audience and efficiently disseminate project objectives and activities are listed below:

1. Project website
2. Relevant webpages
3. Newsletters

4. Publications in journals
5. Participation in conferences
6. Workshops, seminars, roundtables
7. Clustering actions
8. Traditional/online media
9. Social media

Annex II: List of dissemination activities, is a table that lists all the dissemination actions that took place after the first periods of the project. All these activities have been very productive since they provided an important meeting point between different projects, stakeholders and managers in order to transfer knowledge, share experiences and make WatERP project more visible among the scientific community and the general public.

6.1 Project website

The official project website <http://www.waterp-fp7.eu> (and also <http://www.waterp-fp7.org>) was available on November 2012. Since then, it has been updated and its format and image was modified. It provides exhaustive information on the project features and details. This website is aimed to gather the whole production of digital contents related to the project. The website is structured in seven main sections divided in subsections which contain the information of the project: Home, Project, About us, News, Links, Downloads, and Contact us.



Figure 6 WatERP first website



Figure 7 WatERP updated website

At the dissemination section, it provides visibility to the project and its scientific and technical outcomes within research communities working on key areas related to WatERP. It records every single dissemination action in the framework of the project in the form of individual entries:

External news

Display # 10

NETWERC H2O open meeting

06/11/14

Last November 6th, WatERP participated of the **NETWERC H2O** meeting. The Network for Water in European Regions and Cities, NETWERC H2O, is an association for European municipal and regional governments whose objective is the promotion and development of sustainable practices related to the management of water.



WatERP present in the EIP on Water conference 2014

05/11/14

European Innovation Partnership aims to speed up innovations that contribute to solve societal challenges, enhance Europe's competitiveness and contribute to job creation and economic growth. The aim of the second Annual Conference of the European Innovation Partnership on Water is to connect innovation demand and supply by showcasing impact, identifying demand for innovation, and examining and addressing the gaps and barriers in innovation demand and supply in the water sector.



Visit to the federal Institute of Hydrology (BfG)

30/10/14

WatERP researchers shared a workday with their colleagues from BfG. Important experiences related to OGC standards were discussed, the strategy used in WatERP to be compatible with HY_Features model and, particularly, the semantic mapping implementation. Future ways of collaboration were explored and initiated.



SDEWES 2013 publication

30/10/14

After the SDEWES Conference 2013, the paper presented by Gabriel Anzaldi during the event, has been included in the Journal of Sustainable Development of Energy, Water and Environment Systems. You can consult it by following this link:



Figure 8 WatERP website: external news section

After two years of activity, the number of visitors of the WatERP web page far exceeds the targets set by the KPIs, in both years the figures were doubled and during the second year of the project it has

almost reached the targets set for the third year of the project. Therefore, we can ensure that the website is being a success. Moreover, the percentage of returning visitors overcame the objectives achieving the loyalty of a 30% of the visitors.

DESCRIPTION	MEANS OF VERIFICATION	1 ST YEAR	2 ND YEAR	3 RD YEAR	OBJECTIVE
Cumulative Number of web visits	Checked with Google analytics	982	2996	Not evaluated	<ul style="list-style-type: none"> Period 1: > 500 Period 2: > 1500 Period 3: > 3500
% Returning Visitor	Checked with Google analytics	38,19	27,46	Not evaluated	<ul style="list-style-type: none"> Period 1: > 15 Period 2: > 20 Period 3: > 25
Number of country visitors	Checked with Google analytics	53	93	Not evaluated	<ul style="list-style-type: none"> Period 1: > 50 Period 2: > 75 Period 3: > 100

Table 1: WatERP Dissemination KPIs

It is important to remark that the expansion of the WatERP knowledge around the world is acceptable catching up 93 countries during the first and second period.

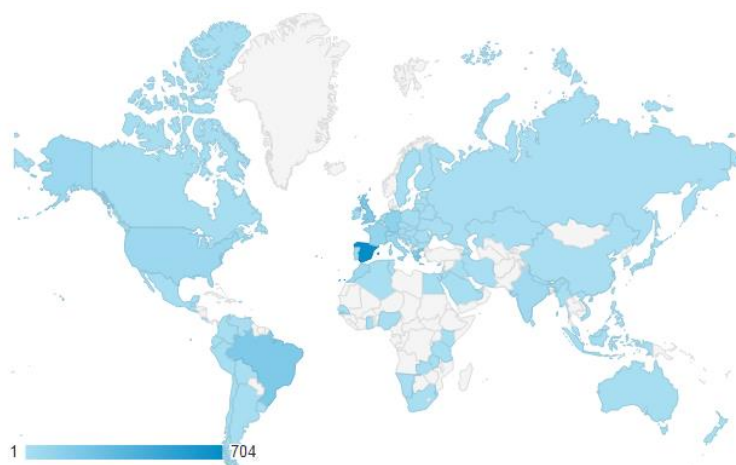


Figure 9: Country visitors during the second period

6.2 Relevant webpages

In addition to WatERP website, the web pages of the Consortium partners have contributed to raise awareness of the project and to disseminate its results. WatERP project has been mentioned a total of 13 times in different relevant webpages giving detailed information about its objectives, activities, partners and other important information.

6.2.1 BDigital website

By accessing the following links, it can be consulted the information related to the project:

<http://www.bdigital.org/en/web/bdigital/-/waterp>

<http://www.bdigital.org/en/web/bdigital/-/waterp-se-ofrece-para-mejorar-sistema-gestion-distribucion-agua-reino-unido>

6.2.2 INCLAM website

In the links below, the information published at the website of this partner can be consulted:

<http://www.inclam.com/en/inclam-group/r-d-i>

<http://www.inclam.com/en/updates/news/current-events/155-waterp-athens-project-meeting>

<http://www.inclam.com/en/updates/news/current-events/206-waterp-germany-inclam>

6.2.3 ACA website

This partner published detailed information about WatERP on its webpage by using a project information sheet:

http://aca-web.gencat.cat/aca/appmanager/aca/aca?_nfpb=true&_pageLabel=P43000168021354523390829

6.2.4 SU website

By following this link, information published on SU web page can be consulted:

http://www.staffs.ac.uk/schools/art_and_design/cmat/projects/project-waterp.html

6.2.5 ICCS website

The Institute of Communication and Computer Systems published at the Information Management Unit webpage the following information about the project:

<http://imu.ntua.gr/project/waterp>

6.2.6 HYDS website

In the following link, detailed information about the project was published by the partner:

<http://www.hyds.es/services.aspx?id=5>

6.2.7 DVGW-TZW website

The DVGW-Technologiezentrum Wasser (TZW) published at its web page the following information about WatERP:

http://www.tzw.de/en/abteilungen/aussenstelle_dresden/waterp-water_enhanced_resource-618/

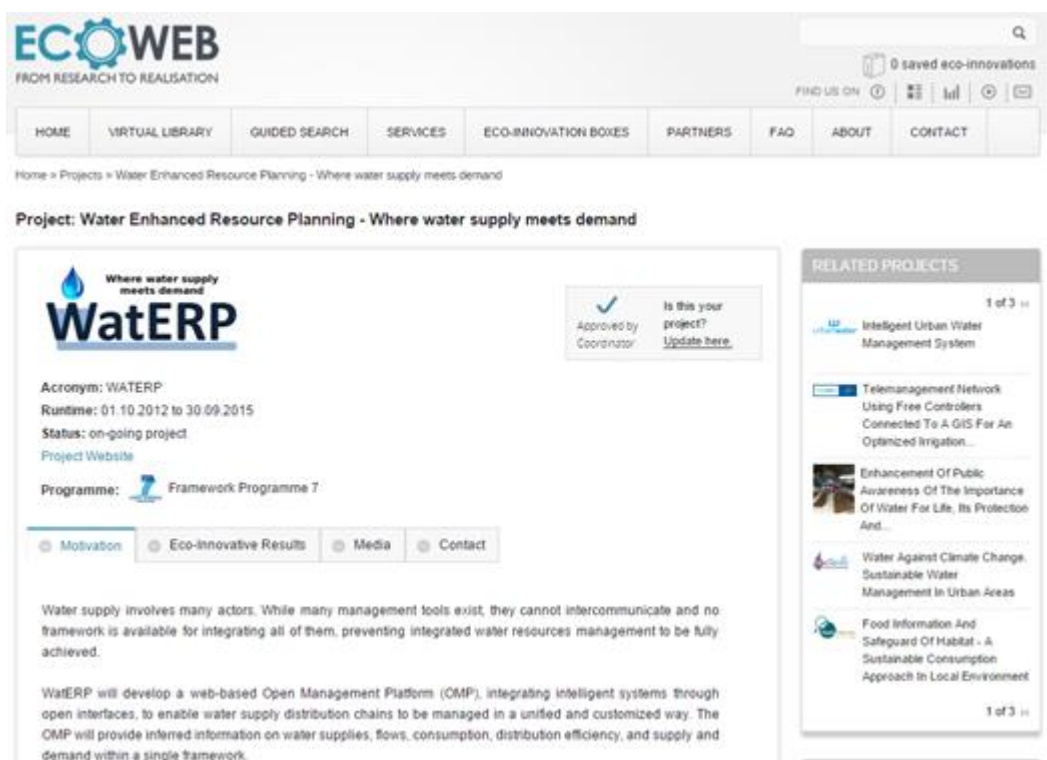
Article about WatERP and first achievements at Energie Wasser-Praxis (DVGW)

<http://www.energie-wasser-praxis.de/heftarchiv/78-2014/>

6.2.8 Other websites

Apart from the before mentioned web pages, other relevant sites made reference to the project. This fact helped to make the dissemination of WatERP objectives, actions and results more visible to relevant audience. For example, it was listed by the [ECOWEB](http://www.ecoweb.info/), the new Gateway to European Eco-Innovations:

http://www.ecoweb.info/3087_water-enhanced-resource-planning-water-supply-meets-demand



The screenshot shows the ECOWEB website interface. At the top, there is a search bar and a navigation menu with links: HOME, VIRTUAL LIBRARY, GUIDED SEARCH, SERVICES, ECO-INNOVATION BOXES, PARTNERS, FAQ, ABOUT, and CONTACT. Below the navigation menu, the breadcrumb trail reads: Home > Projects > Water Enhanced Resource Planning - Where water supply meets demand. The main content area displays the project title 'Project: Water Enhanced Resource Planning - Where water supply meets demand' and a large image of the WatERP logo with the tagline 'Where water supply meets demand'. To the right of the logo, there is a button that says 'Is this your project? Update here.' Below the logo, the project details are listed: Acronym: WATERP, Runtime: 01.10.2012 to 30.09.2015, Status: on-going project, Project Website, and Programme: Framework Programme 7. There are four tabs: Motivation, Eco-Innovative Results, Media, and Contact. The 'Eco-Innovative Results' tab is selected. The text under this tab describes the project's goal: 'Water supply involves many actors. While many management tools exist, they cannot intercommunicate and no framework is available for integrating all of them, preventing integrated water resources management to be fully achieved. WatERP will develop a web-based Open Management Platform (OMP), integrating intelligent systems through open interfaces, to enable water supply distribution chains to be managed in a unified and customized way. The OMP will provide inferred information on water supplies, flows, consumption, distribution efficiency, and supply and demand within a single framework.' On the right side, there is a 'RELATED PROJECTS' section with a list of projects: Intelligent Urban Water Management System, Telemanagement Network Using Free Controllers Connected To A GIS For An Optimized Irrigation..., Enhancement Of Public Awareness Of The Importance Of Water For Life, Its Protection And..., Water Against Climate Change: Sustainable Water Management In Urban Areas, and Food Information And Safeguard Of Habitat - A Sustainable Consumption Approach In Local Environment.

Figure 10: Presence of WatERP at ECOWEB page

The Research and Innovation Park of the UPC published at its webpage a review on the WatERP project. Apart from the information about the project and its consortium, it was offered an overview of the project activities and objectives:

<http://www.upc.edu/parcupc/news/hyds-located-at-parc-upc-takes-part-in-waterp-fp7/?lang=en>

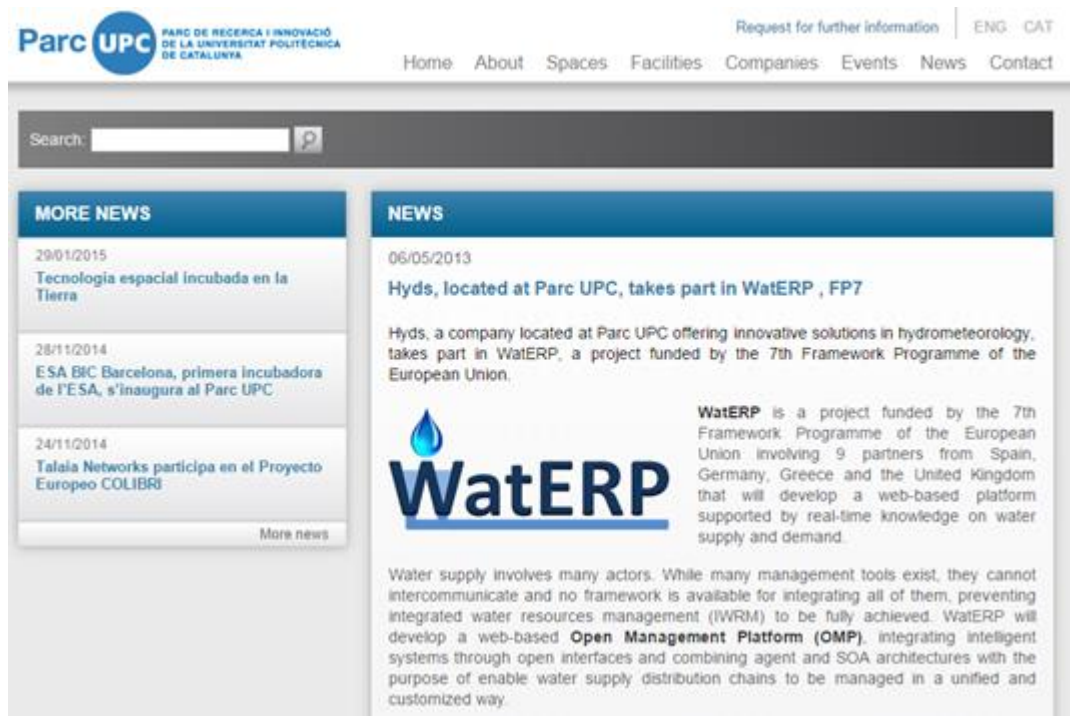


Figure 11: Presence of WatERP at ECOWEB page

6.3 Newsletters

A different communication channel of WatERP information, news and achievements are the newsletter. They are electronically issued and sent by e-mail to all the actual and potential WatERP stakeholders as well as sectorized mailing lists of the project partners.

WatERP detailed information has been included in five relevant newsletters during the first two years of the project:

- Disy newsletter

On December 11th, 2012, Disy published its newsletter in which an article about WatERP project was included.

<http://www.disy.net/aktuelles/newsletter/newsletterartikel/artikel/2683.html>

- PCiTAL newsletter

The Agri-food Science and Technology Park of Lleida published on its newsletter number 12 (March 2013) mentioning WatERP Project.

<http://www.waterp-fp7.org/images/documents/106/%20INFO%2012%20catal%C3%A0.pdf>

- TZW newsletter

On September 2013, the German Water Center published the issue number 2 of its newsletter introducing the EU-funded projects Aquavalence and WatERP.

http://www.tzw.de/pdf/newsletter/2013_newsletter_int.pdf

- International TZW newsletter

Partners from TZW published an article on the 3rd issue of the International Newsletter of TZW about "Demand forecasting for energy efficiency in drinking water distribution systems" in reference to the state of the WatERP project at that moment.

<http://www.waterp-fp7.org/images/documents/186/TZW%20News%203rd%20Issue.pdf>

- ICT4Water cluster newsletter

On October 2014, the first issue of the ICT4Water newsletter was published. This first issue mentioned all the projects belonging to this important water cluster, including WatERP.

<http://us8.campaign-archive1.com/?u=46ad96ae8c306627be2d57709&id=b6eee7b12f>

6.4 Publications in journals

One of the key aims of WatERP project is to add value to the related fields in research. Publishing papers in journals is therefore crucial to reach stakeholders. During the first two periods of the project, the following paper has been published:

Anzaldi, G. (2014). *[A holistic ICT solution to improve matching between supply and demand over the water supply distribution chain](#)*. Journal of Sustainable Development of Energy, Water and Environment Systems. Vol. 2, Issue 4, pp 362-375.

6.5 Participation in conferences

Apart from being published at a scientific journal, the previous publication was also presented at:

- 8th Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES). Dubrovnik (Croatia). October, 2013.

This year, the conference was dedicated to the improvement and dissemination of knowledge on methods, policies and technologies for increasing the sustainability of development by de-coupling growth from natural resources and replacing them with knowledge based economy.

In addition, a total of 11 papers were prepared and presented by WatERP partners in six relevant conferences:

- 12th Conference on Computing and Control for the Water Industry (CCWI 2013). Perugia (Italy). September 2013.

The conference highlighted the use of Hydroinformatics in water system planning and management to provide solutions and new paradigms to challenging problems, which in an urban perspective gives rise to the concept of smart cities. It was a great opportunity for close collaboration between scientists, software developers, practitioners and stakeholders from public and private organizations.

[Research on optimal operation method of large scale urban water distribution system](#). Jin, X., Wu, W. (2014).

[Data reduction methods for wireless smart sensors in monitoring water distribution systems](#). Mohamed, M.I.M., Wu, W., Moniri, M. (2014).

- 16th International WDSA Conference (WDSA). Bari (Italy). July, 2014.

The conference, that took place on July, 2014 and it focused on water distribution, was a great opportunity to present the project and the following paper:

[Towards an enhanced knowledge-based Decision Support System \(DSS\) for Integrated Water Resource Management \(IWRM\)](#). Anzaldi, G., Rubión, E., Corchero, A., Sanfeliu, R., Domingo, X., Pijuan, J., Tersa, F. (2014). Available online at www.sciencedirect.com.

- 12th International Conference on Protection and Restoration of the Environment (PRE12). Skiathos Island (Greece). July, 2014.

The conference, organized by the Department of Civil Engineering and the Department of Planning and Regional Development of the University of Thessaly, and the Stevens Institute of Technology, USA, was designed to encourage the exchange of ideas and knowledge between diverse groups of scientific community concerned by current issues in protection and restoration of the environment.

[A water demand forecasting methodology for supporting day-to-day management of water distribution systems](#). Arampatzis, G.; Perdikeas, N.; Kampragou, E.; Scaloubakas, P. and Assimacopoulos, D. (2014).

- 28th International Conference on Environmental Information Systems (EnvirolInfo 2014). Oldenburg (Germany). September 2014.

In this event, which attracts presenters and audience from academia, business and public administration, WatERP participated with the presentation of the following paper:

[A sensor and semantic data warehouse for integrated water resource management](#). Abecker, A., Brauer, T., Magoutas, B., Mentzas, G., Papageorgiou, N., Quenzer, M. (2014).

- 20th International Conference on Automation & Computing. Cranfield (UK). September 2014.

[A two-layer energy efficient framework using SAW sensor network for leakage detection in monitoring water distribution system](#). Tang, Z., Wu, W. (2014).

[Behavior interventions for water end use: an integrated model](#). Tang, Z., Wu, W. (2014).

- eChallenges e-2014 Conference. Belfast, Northern Ireland (UK). October 2014.

Standards and semantics to support interoperable software solutions in the water distribution chain. Abecker, A. (2014).

- Water Idea Conference 2014. Bologna (Italy). October 2014.

It was intended to present and discuss the latest developments, strategies, techniques and applications of international best practices in Innovative Water Networks Management. It addressed different issues and appealed to a different audience, consisting mostly by water utilities and water industry companies and professionals. It was an audience of stakeholders, end-users and potential collaborators in partnership building for potential market/commercial exploitation of the outcomes of the project.

[A system-based approach for the assessment of water demand management instruments](#). Arampatzis, G.; Perdikeas, N.; Kampragou, E.; Scaloubakas, P. and Assimacopoulos, D. (2014).

[Separation of leakage by lab and DMA experiment in water distribution network](#). Wu, W. (2014).

[Results of current researches of water consumption behavior in German households, research on smart water use at building level session](#). Schumann, A., Korth, A., Hoch, W. (2014).

Besides, different partners assisted to other seven relevant conferences to present WatERP project:

- World Water Week (Ideas marketplace). Stockholm (Sweden). September 2013. The project philosophy was presented at the water-ICT cooperation partnerships assisting the meeting.
- International Federation of Consulting Engineers (FIDIC). Barcelona (Spain). September 2013. The project was presented to the assistants to the world consulting engineering conference.
- 23th Drinking Water Colloquium. Dresden (Germany). May 2014. The WatERP project was presented together with its goals and achievements so far.

- 26th International Symposium and Exhibition on Applied Geoinformatics (AGIT-2014). Salzburg (Austria). July 2014. One of the project partners presented the work on the Water Data Warehouse to an international audience dealing with Hydroinformatics and sensor systems for water management. This Symposium attracted about 1.100 visitors from over 40 countries.
- International Conference on Emerging Technologies and Factory Automation (EFTA 2014). Barcelona (Spain). September 2014. Project presentation to relevant stakeholders assisting the conference.
- 8th European Conference on Radar in Meteorology and Hydrology. Garmish (Germany). September 2014. Presentation of WatERP project by using the project poster.

The remarkable outcome related to the presented papers can be summarized in the participation in the International Conference on Hydroinformatics (HIC) presenting two papers entitled: "Integration of Water Supply Distribution Systems by using Interoperable Standards to Make Effective Decisions" and "Decision Support Systems for Efficient and Integrated Water Resources Management". Referring the "Decision Support Systems for Efficient and Integrated Water Resources Management" paper, it was presented together with UrbanWater project strengthening the relationship between projects. It is important to remark that HIC is most relevant event that covers the application of information and communication technologies (ICT) in the widest sense to problems of the aquatic environment and water resources management.

6.6 Workshops, seminars, roundtables

In the framework of the project, apart from the actions described before, sixteen meetings took place during the first periods of the project. These meetings implied contacts with stakeholders and other relevant people interested in the field of research of WatERP. The main result of these actions was the exchange of knowledge and scientific feedback between the participants and the strengthening of relations between actors on the field of water management around Europe.

Here below, a list of those meetings and workshops can be found:

Meeting with United Utilities (UU) for discussing about WatERP potential. Staffordshire (UK), April, 2014.

Presentation of the project to British Water. Staffordshire (UK). April, 2014. During the meeting water topics were discussed and the project was presented in order to consider future collaboration and improve the efficiency of the British water management and distribution system.

Presentation of WatERP project to relevant British stakeholder. Barcelona (Spain). April 2014: ACA met the British Water in order to discuss water topics and explain WatERP project details.

SMART research group presented WatERP research objectives. Staffordshire (UK), April, 2013.

Networking session with fifteen master students from Greece who visited MediaTIC building and ACA premises. Barcelona (Spain). July, 2013. They were students of the Master in energy management and systems and environmental protection of the National Technological University of Athens and the University of Piraeus.

World Resources Forum (WRF). Dissemination of the WatERP initiative at an international level in a relevant stakeholders forum. Davos (Switzerland). October 2013. This forum is the global platform based in the knowledge transfer on economic, political, social and environmental implications of the use of world resources. The main topics of this conference, among others, were "Resource Efficiency and Governance" and "Sustainable Cities and Infrastructure".

Participation of WatERP at the Journey of the Catalan Water Partnership in order to promote strategic thinking of all the value agents in the chain of the water business and promote internationalization and innovation in industry. Catalonia (Spain). November 2013.

Online WatERP presentation in the Focus Group meeting: Smart Water Management. Lima (Perú). December 2013. The FG-SWM analyzes ICT projects and solutions promoting the intelligent management of water and which can be normalized in the framework of the CE 5 of UIT-T. It will determine the suitable practices facilitating the implementation of those solutions in different countries. The group's objective was to prepare a roadmap for normalization taking into account the activities carried out by other organizations and normalization forums.

Stakeholder workshop with local agency at the ATLL Concessionària de la Generalitat de Catalunya S.A. Network Control Center. Barcelona (Spain). January 2014. The aims of the workshop were to start making initial contacts with relevant stakeholders, collect their experiences, and consider and develop the various ways in which WatERP can assist stakeholders in understanding and managing urban water demand. This event brought about some interesting points about how ATLL works, barriers that might be encountered, and future plans for the project. Overall, it was a highly successful workshop which yielded some vital information to aid WatERP going forward. In addition, there was a high level of interest in holding a technical workshop to expose WatERP second year results.

Networking session with local agency: WatERP project and the Ebro Hydrographic Confederation. Zaragoza (Spain). February 2014. During the meeting, WatERP principles, findings and outcomes were discussed, in addition to their potential application in new domains. This event brought about important experiences related to the basin management, barriers that might be encountered and future plans for other problematic. As an example, flood management and risk assessment were evaluated as possible extension for the Open Management Platform developed in the project.

Presentation of WatERP project to relevant Finnish stakeholders. Finland. March 2014. One of WatERP partners (INCLAM) hold meetings with relevant stakeholders in Finland. During the meetings, the stakeholders received detailed information about WatERP: technology used, the problems addressed by the project, the actual status of implementation and results so far, and the future work towards the consecution of WatERP objectives: [Geological Survey of Finland](#), [Finish Meteorological Institute](#), [Finnish Environment Institute](#), [Freshwater centre \(SYKE\)](#).

Presentation of WatERP project to relevant British stakeholders. Staffordshire. April 2014: United Utilities together with UK Water Industry Research (UKWIR) created a discussion group with WatERP in order to better know the project and its potentiality.

Presentation of WatERP project to relevant German stakeholders in June 2014: German Association of Energy and Water Industries (BDEW), Berlin Wasserbetriebe (BWB), Stadtwerke Dresden GmbH (DREWAG), German Association for Gas and Water (DVGW), EWE Oldenburg, Hamburgwasser, Kommunale Wasserwerke Leipzig (KWL), Netze Baden-Württemberg, Germany National Metrology Institute (PTB), Städtische Wohnungsges Düsseldorf, Dresden University of Technology, and the management of Stadtwerke Weissenfels and Stadtwerke Hannover.

Presentation of WatERP project to relevant stakeholder. Genova (Italy): Technical Committee Meeting of the Open Geospatial Consortium, Inc. During the meeting, our colleague Andreas Abecker, from Disy, had the opportunity of presenting WatERP's objectives, activities and progress so far, in a 10-15 minutes slot. After this presentation, there was a brief session of questions/answers with the assistants (among them representatives from GRDC and the German Federal Institute of Hydrology (BfG).

Standardization workshop with relevant stakeholders. New York (USA). August 2014. Presentation of WatERP work and know-how at the workshop "standardization of Water Data Exchange: WaterML2.0 and beyond".

Presentation of WatERP project to relevant stakeholders. Madrid (Spain). September 2014. WatERP project was presented to ONGAWA Engineering for Human Development. This meeting was attended by a technician from the water management team and one municipal councillor in Manhica (Mozambique), one technician from the municipal water company in Nicaragua, a civil engineer working for ONGAWA in Manhica (Mozambique) and one responsible for ONGAWA in Nicaragua. Apart from introducing the project objectives and activities to the assistants, it was discussed the possibility of applying the WatERP platform in countries without technological developments.

Presentation of WatERP project to relevant German stakeholder. Germany. October 2014. TZW presented the project to the Fernwasserversorgung Elbaue-Ostharz.

6.7 Clustering actions

In order to maximize the efficiency of WatERP's R&D, as well as its dissemination, a network of projects and entities that share the same interests have been contacted through clustering activities.

Since the "Expert Consultation on ICT for Water Management" (31st January, 2013), WatERP has been in contact with those projects approved in the same call. As a result of that meeting, a cluster of water projects was created: ICT4Water (<http://ict4water.eu/>). Apart from WatERP, this cluster is formed by the following EU funded projects: [DAIAD](#), [EFFINET](#), [ICeWater](#), [ISS-EWATUS](#), [iWIDGET](#), [SmartH2O](#), [URBANWATER](#), [WATERNOMICS](#), [WISDOM](#).

The goal of the ICT4Water cluster is to strengthen the European ICT water sector by networking funded projects, having in mind that information and communication technologies (ICT) are playing a key role in achieving the main objectives of the EIP on water strategy. ICT4Water seeks to bridge the technology gap between highly innovative business environment and the actors involved in the water management cycle. Therefore, ICT4Water aims at supporting networking, co-operation and transfer of knowledge. The main objectives of the ICT4Water cluster are:

- To promote development of information and communication technologies applied to the water domain, and to develop and conduct various common dissemination activities in order to maximize the impact of the results achieved by the ongoing projects.
- To promote co-operating and knowledge share among its members.
- To provide a forum for discussions on technical and business issues, and ensure co-ordination among its members and organizations.
- To arrange meetings, seminars, conferences, and workshops.
- To promote interest in information technologies amongst stakeholders.
- To participate in local and international organizations and associations with similar objectives.

Different actions have been performed in the framework of this cluster:

- Several meetings have taken place:
 - Networking session in Brussels together with other related water projects funded under ICT call. Brussels (Belgium). February, 2013.
 - Presentation of WatERP project at the cluster meeting. Brussels (Belgium). February 2014.
 - Workshop with Effinet project. Barcelona (Spain). September 2014. Effinet project workshop organized by Aqualogy and CETaqua (Spanish technology center).
 - Cluster meeting with projects related to water field funded under the ICT call. Barcelona (Spain). October 2014.

- Partners from the projects have participated in different conferences (WDSA 2014 in Bari; IWA, in Lisbon; HIC2014 in New York). Some of these participations were already mentioned in sections 5 and 6.
- Edition of a joint newsletter (as mentioned in section 3).

6.8 Traditional/online media

WatERP project has also appeared in traditional media such as press and TV. Here below, detailed information can be found about the appearances of the project in those media:

Lleida TV

On November 29th, 2012, during the television news program, a piece of information was emitted about two projects coordinated by BDigital related to water. One of those projects is WatERP. The video can be seen by following this [link](#).

Diario Segre – Innovation/Enterprises

On November 30th, 2012, an article was published at Diario Segre about BDigital after two years of its establishment in Lleida. In the article, it is emphasized the work that will be carried out during the next three years by developing software for irrigation and integral management of water cycle.

6.9 Social media

Alongside with the previous means of dissemination, other online channels have been used to disseminate information about the project, including YouTube, Slide share and Social Media like LinkedIn and Twitter. Social media have become a far-reaching communication tool in modern society and for this reason WatERP partners have used the most popular ones to spread the word about the project more directly. This will help the project team to reach a wider spread with their dissemination activities. A tweet example is presented in the Figure 12 which was generated by ACA.



Figure 12 WatERP tweet

Referring the participation on LinkedIn, the participation of the following groups has been focused:

- LinkedIn Water management group
http://www.linkedin.com/groups/Water-management-76120?trk=myg_ugrp_ovr
- LinkedIn Water supply and sanitation Technology Platform (WssTP) group
http://www.linkedin.com/groups/WssTP-Group-4545536?trk=myg_ugrp_ovr
- LinkedIn Water Resource Management group
http://www.linkedin.com/groups?gid=140721&trk=myg_ugrp_ovr
- LinkedIn Smart Water Network (SWAN) - Smart Water Networks Forum
http://www.linkedin.com/groups/SWAN-Smart-Water-Networks-Forum-3726089?trk=myg_ugrp_ovr
- LinkedIn [Integrated Water Management](https://www.linkedin.com/groups/Integrated-Water-Management-1980577?gid=1980577&trk=vsrp_groups_res_name&trkInfo=VSRPsearchId%3A1064110721422526947582%2CVSRPtargetId%3A1980577%2CVSRPcmpt%3Aprimary)
https://www.linkedin.com/groups/Integrated-Water-Management-1980577?gid=1980577&trk=vsrp_groups_res_name&trkInfo=VSRPsearchId%3A1064110721422526947582%2CVSRPtargetId%3A1980577%2CVSRPcmpt%3Aprimary
- LinkedIn [Water Technologies](https://www.linkedin.com/groups?gid=1897041&trk=vsrp_groups_res_name&trkInfo=VSRPsearchId%3A1064110721422529717797%2CVSRPtargetId%3A1897041%2CVSRPcmpt%3Aprimary)
https://www.linkedin.com/groups?gid=1897041&trk=vsrp_groups_res_name&trkInfo=VSRPsearchId%3A1064110721422529717797%2CVSRPtargetId%3A1897041%2CVSRPcmpt%3Aprimary

On the other hand, WatERP is based on standards OGC, hence track its forums has become a regular and indispensable action for the WatERP project participating actively in them. The following list enumerates the OGC forum where WatERP members are present:

- OGC: General Comments (<http://www.ogcnetwork.net/forum/15>)
- Common: OGC Web Services Common Specification (<http://www.ogcnetwork.net/forum/19>)
- GML: Geography Markup Language (<http://www.ogcnetwork.net/forum/23>)
- O&M: Observations and Measurements (<http://www.ogcnetwork.net/forum/25>)
- SOS: Sensor Observation Service (<http://www.ogcnetwork.net/forum/27>)
- WFS: Web Feature Service (<http://www.ogcnetwork.net/forum/35>)
- WMS: Web Map Service (<http://www.ogcnetwork.net/forum/37>)
- WPS: Web Processing Service (<http://www.ogcnetwork.net/forum/38>)

It is important to note that the use of the social media throughout the project is carried out from the partners account and not a new account from the project was created. The main reason to take this decision is that the corporative accounts achieve a greater impact than new project accounts due to the existing membership

7. Conclusions

In the view of this report, it could be concluded that the dissemination actions are well-oriented to the consecution of the objectives described in the DoW of the project. During the first two periods of the project, a series of actions carried out. A total of **thirteen web pages** (section 6.2) have mentioned the project in several occasions giving detailed information, not only about its objectives and future impact, but also about its technical evolution at different stages of its implementation. **Five relevant newsletters** (section 6.3) included articles about WatERP and **two appearances in press** took place (written press and TV; section 6.8). In addition, WatERP partners participated in **thirteen conferences** (section 6.5). At six of them, partners have not only participated by introducing the project to the assistants, but also by presenting **eleven scientific papers**. Apart from those, **another paper was published in a relevant scientific journal** (section 6.4). Finally, it should be highlighted that **sixteen meetings and workshops** (section 6.6) took place in order to contact **35 stakeholders and many other water-related people and entities** in order to strengthen the dissemination capacity of the project and better understanding of the activities and philosophy of WatERP project. Among those contacted stakeholders, there are two of the most important standardization stakeholders involved in water standardization, **OGC and ITU**. Related to the OGC contacts, WatERP was **involved on HY_FEATURES** contributing with its OGC standard experiences and focusing their efforts on discuss about compatibility and the semantic mapping implementation. Moreover, WatERP had the opportunity to present **standardization experiences** and know-hows regarding OGC OWS (OGC SOS, OGC WPS, OGC WMS and OGC WFS), WaterML2.0, semantics and ontologies in the workshop **“Standardization of Water Data Exchange: WaterML2.0 and Beyond”** organized by the Hydrology Domain Working Group of the Open Geospatial Consortium and the World Meteorological Organization.

8. Annex I: Contacted stakeholders

LIST OF REGIONAL STAKEHOLDERS CONTACTED DURING PERIOD 1+2				
Country	Stakeholder	Type of dissemination activity ¹	Partners involved	Date
UK	United Utilities	Group Discussion / Project presentation. Visit during the PB Meeting held in UK.	SU, BDigital and INCLAM	April, 2014
	British Water	Meeting in Spain (ACA premises) to discuss water topics and explain WatERP project details.	ACA	April, 2014
	UK Water Industry Research (UKWIR)	Group Discussion / Project presentation. Visit during the PB Meeting held in UK.	SU, BDigital and INCLAM	April, 2014
Germany	BDEW (German Association of Energy and Water Industries), BWB (Berlin), DREWAG (Dresden), DVGW (German Association for Gas and Water), EWE (Oldenburg), Hamburgwasser (Hamburg), KWL (Leipzig), Netze BW (Baden-Württemberg), PTB (Germanys national metrology institute), SWD (Düsseldorf), DUT (Dresden University of Technology)	Project Presentation within the frame of a TZW project about water demand analysis and forecasting	DVGW	June, 2014
	Stadtwerke Weißenfels	Project Presentation	DVGW	June, 2014
	Stadtwerke Hannover	Project Presentation	DVGW	June, 2014
	Federal Institute of Hydrology (BfG)	HIC2014 Workshop	BDigital and INCLAM	August, 2014 and October, 2014
Spain	ATLL (Aigües Ter Llobregat)	Meeting and presentation of WatERP and its possibilities.	ACA and BDigital	January, 2014
	Ebro Hydrographic Confederation	Networking session with the local agency.	BDigital	February, 2014
	Spanish Technology Platform for Water (PTEA)	Presentation within the Work Group ICT (INCLAM is member) and group discussion	INCLAM and BDigital	May 2013

¹ Presentation, Group discussions, visit, brokerage events, Installation tours round tables, Meetings, workshops, open days, Demonstrations and prototypes, Internet debate, Policy brief, etc.

LIST OF REGIONAL STAKEHOLDERS CONTACTED DURING PERIOD 1+2				
Country	Stakeholder	Type of dissemination activity ¹	Partners involved	Date
	Ebro Hydrographic Confederation (CHEbro).	Project presentation	BDigital and INCLAM	February 2014
	ONGAWA (Engineering for Human Development)	Project presentation	INCLAM	September 2014
Finland	Geological Survey	Visit, meeting and project presentation	INCLAM	March 2014
	Finish Meteorological Institute	Visit, meeting and project presentation	INCLAM	March 2014
	Finish Environment Institute, Freshwater center (SYKE)	Visit, meeting and project presentation	INCLAM	March 2014
Italy	Open Geospatial Consortium, Inc.	Presentation of WatERP project at the technical committee meeting.	DISY	June, 2014
	Arpa Emilia-Romagna	HIC2014 Workshop	BDigital	August, 2014
Internat. Level	Open Geospatial Consortium (OGC)	Group discussion concerning standardization issues and presentation	BDigital, INCLAM and Disy	July, 2013
	San Diego Supercomputer Center/University of San Diego (SDSC/UCSD), Australian Bureau Of Meteorology (ABOM), U.S. Geological Survey (USGS) Center for Integrated Data Analytics, Geological Survey of Canada, University of Texas at Austin	HIC2014 Workshop	BDigital	August, 2014
	Focus group "Smart Water Management" of the International Telecommunication Union (ITU)	Remote participation in the first meeting of the "Smart Water Management" Focus group	INCLAM	December, 2013

9. Annex II: List of dissemination activities

TYPE	DESCRIPTION	DATE	LINKS	PLACE
Partners' websites	Promote WatERP Project by publishing news on partners website and newsletters, tweets and link to Project website	2013-2014	Individual partners' webpages	Online
Conference - Paper	8th Conference on Sustainable Development of Energy, Water and Environment Systems – SDEWES Conference,	10/2013	http://www.dubrovnik2013.sdewes.org/index.php http://www.waterp-fp7.eu/index.php/dissemination/external-news/199-waterp-at-sdewes-2013	Dubrovnik
Project presentation	World Resources Forum (WRF). Dissemination of the WatERP initiative at an international level, in a relevant stakeholders' forum.	10/2013	http://www.worldresourcesforum.org http://www.waterp-fp7.eu/index.php/dissemination/external-news/141-world-resources-forum	Davos, Switzerland
Networking	WatERP participation at the Journey of the Catalan Water Partnership to promote strategic thinking.	11/2013	http://www.waterp-fp7.eu/index.php/dissemination/external-news/140-catalan-water-partnership	Catalonia, Spain
Workshop	Participation of WatERP project in the focus group meeting: Smart Water Management of the ITU	12/2013	http://www.waterp-fp7.eu/index.php/dissemination/external-news/147-water-fgswm	Lima, Perú
Web	Inclusion of WatERP project at the ECOWEB (Gateway to European Eco-Innovations).	12/2013	http://www.ecoweb.info/	Online
Workshop – Stakeholder event	Stakeholder Workshop at ATLL Concessionària de la Generalitat de Catalunya S.A. Network Control Center to start making initial contacts with relevant stakeholders, collect their experiences, and consider and develop the various ways in which WatERP can assist stakeholders in understanding and managing urban water demand.	01/2014	http://www.waterp-fp7.eu/index.php/dissemination/external-news/151-atll-stakeholder-workshop	Barcelona, Spain
Workshop	ICT4Water cluster meeting	01/2014	N/A	Brussels, Belgium

TYPE	DESCRIPTION	DATE	LINKS	PLACE
Stakeholder event	Stakeholder event attended by WatERP project and the Ebro Hydrographic Confederation. During the meeting, WatERP principles, findings and outcomes were discussed, in addition to their potential application in new domains	02/2014	http://www.waterp-fp7.eu/index.php/dissemination/external-news/152-ebro-visit	Zaragoza, Spain
Workshop	ICT for Water Annual cluster meeting - Discussion about the roadmap Horizon 2020, initiatives related to water management and DG CNECT priorities	02/2014	http://www.waterp-fp7.eu/index.php/dissemination/external-news/150-cluster-meeting-2014-02-04	Brussels, Belgium
Stakeholder event	Presentation of WatERP project to relevant stakeholders: Geological Survey of Finland, Finish Meteorological Institute and Finnish Environment Institute, Freshwater center (SYKE)	03/2014	http://www.waterp-fp7.eu/index.php/dissemination/external-news/158-finland	Finland
Stakeholder event	Presentation of WatERP project to relevant stakeholders: Meeting with UU (United Utilities) and British Water for discussing about WatERP potential	04/2014	http://www.waterp-fp7.eu/index.php/dissemination/external-news/161-stake-stafford	Stafford, UK
Conference	23th Drinking Water Colloquium Dresden: presentation of WatERP goals and achievements.	05/2014	http://www.tzw.de/en/	Dresden, Germany
News report	WatERP Project promotion at the Parc UPC (R&D science park of the UPC)	06/2014	http://www.upc.edu/parc-upc	Online
Stakeholder event	Presentation of WatERP project to the management of Stadtwerke Weißenfels.	06/2014	http://www.waterp-fp7.eu/index.php/dissemination/external-news/172-stadtwerke-weissenfels-meets-waterp	Germany
Stakeholder event	Presentation of WatERP progress and outcomes to twelve water utilities across Germany.	06/2014	http://www.waterp-fp7.eu/index.php/dissemination/external-news/170-waterp-presentation-in-leipzig	Leipzig, Germany
Workshop	WatERP project discussion at the Technical Committee Meeting of the Open Geospatial Consortium, Inc.	06/2014	http://www.waterp-fp7.eu/index.php/dissemination/external-news/168-hydrology-dwg	Genova, Italy

TYPE	DESCRIPTION	DATE	LINKS	PLACE
Stakeholder event	Presentation of WatERP project to the Stadtwerke Hannover (water supplier of Hannover).	06/2014	http://www.waterp-fp7.eu/index.php/dissemination/external-news/166-dvgw-presentation	Germany
Workshop	ICT4Water cluster meeting - Special ICT session and clustering event	07/2014	http://www.waterp-fp7.eu/index.php/dissemination/external-news/175-ict4water-cluster-event-in-brussels	Brussels, Belgium
Conference	Project presentation at the 26th International Symposium and Exhibition on Applied Geoinformatics (AGIT 2014).	07/2014	http://www.agit.at/ http://www.waterp-fp7.eu/index.php/dissemination/external-news/191-waterp-at-the-agit-2014	Salzburg, Austria
Conference - Paper	Presentation of WatERP paper at the 16th International WDSA Conference 2014.	07/2014	http://www.water-system.org/wdsa2014/ http://www.waterp-fp7.eu/index.php/dissemination/external-news/174-paper-presentation-at-the-wdsa-conference	Bari, Italy
Networking	ICT4Water cluster meeting	07/2014	http://ict4water.eu/ (In parallel with the WDSA conference	Bari, Italy
Conference - Paper	Paper presentation on the 12 th International Conference on Protection and Restoration of the Environment (PRE12).	07/2014	http://www.pre12.prd.uth.gr/ http://www.waterp-fp7.eu/index.php/dissemination/external-news/195-dissemination-paper-iccs	Skiathos Island, Greece
Publication	Article publication about WatERP project and its first achievements	08/2014	http://www.energie-wasser-praxis.de	Online

TYPE	DESCRIPTION	DATE	LINKS	PLACE
Conference - Papers	Presentation of WatERP, focusing on the DSS and the implementation in a real environment at the 11th IWA International Conference on Hydroinformatics (3 papers)	08/2014	http://www.iwahq.org/1x1/events/iwa-events/2014/hic2014.html http://www.waterp-fp7.eu/index.php/dissemination/external-news/177-paper-presentation-at-the-hic-2014	New York, USA
Workshop	Presentation of WatERP work and know-how at the workshop "Standardization of Water Data Exchange: WaterML2.0 and beyond".	08/2014	http://www.waterp-fp7.eu/index.php/dissemination/external-news/176-standardization-of-water-data-exchange-workshop	New York, USA
Conference - Paper	Paper and presentation at 28 th International conference on Environmental Information Systems (EnviroInfo 2014).	09/2014	http://www.enviroinfo2014.org/ http://www.waterp-fp7.eu/index.php/dissemination/external-news/192-waterp-at-the-enviroinfo-2014	Oldenburg, Germany
Workshop	Effinet project workshop organized by Agualogy and Cetaqua.	09/2014	http://www.waterp-fp7.eu/index.php/dissemination/external-news/189-effinet-workshop	Barcelona, Spain
Stakeholder event	Presentation of WatERP project to ONGAWA Engineering for Human Development	09/2014	http://www.waterp-fp7.eu/index.php/dissemination/external-news/180-waterp-presentation-to-ongawa	Madrid, Spain

TYPE	DESCRIPTION	DATE	LINKS	PLACE
Conference	Project presentation at the International Conference on Emerging Technologies and Factory Automation (EFTA 2014).	09/2014	http://www.etfa2014.org/ http://www.waterp-fp7.eu/index.php/dissemination/external-news/179-waterp-at-etfa-2014	Barcelona, Spain
Conference - Paper	Presentation of two papers on the 20 th International Conference on Automation & Computing (ICAC 2014).	09/2014	http://onlinelearning.dme.m.strath.ac.uk/icac2014/ http://www.waterp-fp7.eu/index.php/dissemination/external-news/193-dissemination-paper-icac-14	Cranfield, UK
Conference	Project presentation at the 8th European Conference on Radar in Meteorology and Hydrology	09/2014	http://www.pa.op.dlr.de/erad2014/	Garmish, Germany
Conference - Paper	Paper and presentation at eChallenges e-2014 Conference	10/2014	http://www.echallenges.org/e2014/	Belfast, UK
Paper	Paper publication at the international TZW Newsletter	10/2014	http://www.tzw.de/en/ http://www.waterp-fp7.eu/index.php/dissemination/external-news/186-international-newsletter-tzw	Online
Conference - Paper	Paper presentation in the WaterIdeas Conference (three papers)	10/2014	http://www.waterideas2014.com/ http://www.waterp-fp7.eu/index.php/dissemination/external-news/197-waterideas-2014	Bologna, Italy
Workshop	ICT4Water cluster meeting	10/2014	N/A	Bologna, Italy
Workshop	ICT4Water cluster meeting	10/2014	N/A	Barcelona, Spain

TYPE	DESCRIPTION	DATE	LINKS	PLACE
Stakeholder event	Presentation of WatERP project to Fernwasserversorgung Elbaue-Ostharz.	10/2014	http://www.waterp-fp7.eu/index.php/dissemination/external-news/187-waterp-presentation	Germany
Stakeholder event	Visit to the Federal Institute of Hydrology (BfG)	10/2014	http://www.waterp-fp7.eu/index.php/dissemination/external-news/201	Koblenz, Germany
Conference	WatERP presentation in the EIP on Water Conference 2014	11/2014	http://www.waterp-fp7.eu/index.php/dissemination/external-news/206	Barcelona, Spain
Networking	NETWERC H2O meeting	11/2014	http://www.waterp-fp7.eu/index.php/dissemination/external-news/207	Barcelona, Spain