



# ISS-EWATUS



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## ISS-EWATUS

### Integrated Support System for Efficient Water Usage and Resources Management

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**Table of contents**

1. Introduction.....	3
2. Objectives of the dissemination .....	4
3. Target audience.....	5
4. Reaching target audience.....	7
4.1 Dissemination channels .....	7
4.2. Internal and external dissemination.....	14
4.3. Dissemination activities .....	15
5. Conclusions .....	15
Annex 1. Activities reporting template .....	16
Annex 2. Publications activities reporting template.....	17
Annex 3. Dissemination activities .....	<b>Błąd! Nie zdefiniowano zakładki.</b>

## 1. Introduction

EU strongly encourages and promotes activities connected to strengthening of the projects impact, to ensure that objectives are met results of projects (foreground) should be published and disseminated. Dissemination may be formulated as processes and channels through which research results are presented to the public (IPR Helpdesk). Channels are, in turn, conferences, publications, exhibitions, press releases, workshops, newsletters, social platforms, web sites etc. In order to systematise and organise works connected to diffuse the foreground among potential beneficiaries the dissemination plan should be prepared. The dissemination plan explains how the project will share its outcomes with stakeholders, relevant institutions and organisations, and how it will contribute to the overall dissemination strategy for the EU ICT water management programme. Dissemination of the foreground including knowledge obtained during research is one of the most important activities of the Integrated Support System for Efficient Water Usage and Resources Management (ISS-EWATUS). The dissemination plan is a very important document since it summarises the Consortium's strategy and future activities to spread and exploit the foreground of the project. Hence it is a tool to monitor the progress in development of the project.

All partners (Table 1) will collaborate in the dissemination of the project results.

Table1. Partners of ISS-EWATUS project

No.	Name	Short name	Country
1	University of Silesia (Coordinator)	US	Poland
2	Institute for Ecology of Industrial Areas	IETU	Poland
3	Municipal Water Company of Sosnowiec	RPWiK	Poland
4	Loughborough University	LU	United Kingdom
5	Brunel University	BU	United Kingdom
6	University Pablo de Olavide Seville	UPO	Spain
7	Center for Research and Technology Hellas	CERTH	Greece
8	Municipal Water Company of Skiathos	DEYASK	Greece
9	DOTSOFT S.A.	DS	Greece
10	VU University Amsterdam	VU	Netherlands

Work package 8 (WP8) is dedicated to all activities required for the dissemination of the project results. The major focus of ISS-EWATUS's dissemination framework is to ensure that research and practical outcomes are widely disseminated to appropriate target communities, at appropriate times, via appropriate methods. All partners will use their industrial and academic partnerships and long-standing experience in EU funded projects to help dissemination, either through direct participation in WP8, or through their respective technical WPs and activities.

An initial dissemination plan will bring together current knowledge of target audiences, existing networks and priority activities during ISS-EWATUS. It will be regularly reviewed and updated based on ISS-EWATUS developments.

## 2. Objectives of the dissemination

The purpose of the dissemination is to raise awareness, engagement and education of community as well as the promotion of outputs and results of ISS-EWATUS project.

For performers of the ISS- EWATUS project the dissemination of the project results is a crucial matter. At first, message of the project itself should be defined and subsequently distributed through all the project informative materials. It is possible at the moment that the purpose and benefits of the project are clear. The project will develop several innovative ICT methods aiming to exploit the untapped water-saving potential in EU. The overall goal will be achieved by developing an innovative, multi-factor system capable to optimise water management and reduce water usage at household and Urban level. At household level: a) an information system for gathering data about water usage is planned to increase the awareness of water consumption; b) a household Decision Support System (DSS) will be developed for mobile devices to reduce water consumption. Recommendations regarding water-saving devices and behaviour will be produced; c) a social-media platform will be developed to reinforce water-saving behaviour of consumers via the social interactions among users (and between consumers and experts of water-saving techniques). At urban level: a) an innovative decision support system for reducing leaks in the water delivery system will be built based on the dynamic modifications of pumping schedules to reduce leakages at municipal level; b) an adaptive pricing policy will be developed as the economic instrument to induce water-saving behaviour and reduce peaks in water and energy distribution loads. Being validated at two differently characterised locations, the ISS-EWATUS will be sufficiently flexible to be exploited in any EU location. Appropriate training, manuals and dissemination will give people across EU an efficient tool for water conservation.

The objectives of the planned dissemination are:

- to assess the social impact in increasing the awareness in water usage and in changing users' behaviour when participating in the social network of water users,
- to assess the economic impact of the ISS-EWATUS results for the new adaptive pricing model,
- to demonstrate the outcomes of ISS-EWATUS in the water demand management at city and household level, and to make the results of ISS-EWATUS available to water stakeholders and other relevant audiences,
- to disseminate and promote new innovative outcomes of this project to the European Communities interested in the effective water resource management,
- familiarise European Water Bodies, European Innovation Partnerships Water, ICT for water cluster with the results of the project

The final dissemination event will demonstrate and summarise the results of the project. This event will educate water users how ICT solutions can support a more effective water demand management. Furthermore, the social platform will be a prominent tool to disseminate the project outcomes and to ensure the impact on water users' awareness and their behaviour.

### 3. Target audience

The stakeholder analysis will identify people who may be impacted by the project the most and whose support is needed (via web portal, users forum). The first step is to set up a list of stakeholders who are relevant regarding the successful performance of the ISS-EWATUS project and will be targeted during and after the project.

Targeted groups include: academic community, researchers, Sosnowiec and Skiathos community, social platform users, water stakeholders' organisations, participants of related EU projects, industry-sectors, trade fairs and exhibitions participants, policy bodies, funding and regulatory bodies, innovation transfer organisations, professional users, decision makers, general audience. Possible target groups and relevant stakeholders include: a) policy makers and national authorities at EU and Member State level, b) water management organizations on both an EU and national level, c) wider audience: consumers across Europe, d) partners of national and international projects related to ISS-EWATUS.

A tentative list includes:

- European Water Platform WssTP, <http://wsstp.eu/>
- Water Information System for Europe (WISE), <http://water.europa.eu/>
- European Innovation Partnerships (EIP) Water, <http://ec.europa.eu/environment/water/innovationpartnership/>
- Smart Cities and Communities – European Innovation Partnership, <http://ec.europa.eu/eip/smartcities/>
- Digital Agenda Community for ICT Water, <http://ec.europa.eu/digital-agenda/en/communities/ict-and-water-management>
- Institute for Perspective Technologies and Studies Report (IPTs), <http://ipts.jrc.ec.europa.eu/>
- Eco-Innovation Action Plan
- Polish Platform on Environmental Technologies
- Envitech-Net – International Thematic Scientific Network for Environmental technologies
- Silesian Water Cluster
- European Information Technology Observatory (EITO), <http://www.eito.com/>
- Horizont 2020 - work programmes 2014-2015, [http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014\\_2015/main/h2020-wp1415-climate\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/main/h2020-wp1415-climate_en.pdf)
- ICeWater - FP7-ICT-317624 project which started on 1 October 2012 to develop infrastructure for smart metering and real-time monitoring of water infrastructures, with the aim of lowering consumption during peak periods, detecting and localising leakages in real-time and optimising the water-energy nexus, <http://www.icewater-project.eu/>
- iWIDGET - FP7 project no. 318272 which started on 1 October 2012 to make households more aware of their water consumption patterns and help utilities and ICT industry with the sharing of such information in order to improve their demand forecasting capacities, while also contributing to a sustainable partnership of ICT and water domain stakeholders, <http://www.i-widget.eu/>
- EFFINET - FP7 project which started on 1 October 2012 to improve the efficiency of drinking water networks by managing better consumer behaviour via advanced metering, monitoring of user demand profiles, fault detection and predictive control

- techniques and integration of information stemming from various sources, <http://www.effinet.eu/>
- WatERP - FP7 project which started on 1 October 2012 to develop a web-based, open management platform to enable water supply distribution chains to be managed in a coordinated and customised way, based on open interfaces and standards. The aim is to improve coordination among water management actors and to foster behavioural change in order to reduce water and energy consumption, <http://www.waterp-fp7.eu/>
  - UrbanWater - FP7 project which started on 1 October 2012 to integrate advanced metering solutions, real-time communication of consumption patterns with predictive capability, adaptive pricing and customer empowerment tools, <http://urbanwater-ict.eu/>
  - DAIAD - FP7 project which started on 1 February 2014 to focus on real-time knowledge of residential water consumption. The goal is to research and develop innovative low cost, inclusive technologies for real-time, high granularity water monitoring and knowledge extraction to incur behavioural changes, water demand strategies and water pricing
  - SmartH2O - FP7 project which started on 1 February 2014 to provide an ICT enabled platform to design, develop and implement better water demand management in collecting user behavioural data due to smart meters and an online social participation application (social game). Awareness campaigns and price signals are delivered through the same app to inform the users on how to save water and money
  - WATERNOMICS - FP7 project which started on 1 February 2014 to enable the introduction of Demand Response principles and open business models through an innovative human centric approach that uses personalized water data, water availability based pricing, and gamification of water usage statistics, <http://waternomics.eu/>
  - WISDOM - FP7 project which started on 1 February 2014 to increase user awareness, significant reduction of water consumption, peak-period reduction of water and energy distribution loads, improved resource efficiency and business operations of water utilities due to ICT, and contribute to the improvement of the environmental performance of buildings
  - Advisory Board (AB) gathering numerous stakeholders from outside of the consortium, but important for its proper implementation: technical professionals, legal advisors, end users etc. Its current content is as follows:  
 Melanie Brown, Severn Trent Services, Water Efficiency Advisor, email: [melanie.brown@severntrent.co.uk](mailto:melanie.brown@severntrent.co.uk)  
 Doug Clarke, Severn Trent Services, Water Efficiency Manager, email: [doug.clarke@severntrent.co.uk](mailto:doug.clarke@severntrent.co.uk)  
 Dr Andreas N. Angelakis, Technical Consultant in the Hellenic Union of Municipal Enterprises for Water Supply and Wastewater services (EDEYA), email: [angelak@edeya.gr](mailto:angelak@edeya.gr)  
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 Dr Saket Pande

## 4. Reaching target audience

A multi-step and multi-channel dissemination strategy will be followed in order to reach different target groups, provided information will be carefully adjusted to the audience level of need/involvement. An important part of the work will be the recognition of clear and understandable messages about the project. The terminology should be adjusted to the targeted audience, but non-technical language will be preferable. Required knowledge about the field will be considered. For different kind of receivers, relevance message should be checked in each specific case.

People who will benefit from the outcomes of the project can act as a catalyser for the dissemination process. Online guests, journalists, teachers, researchers can act as "opinion makers" for the project. Moreover, some products of the project, such as questionnaires, methods, evaluation criteria, guidelines, will be shared with the wider community, through articles, presentations, case studies. This is particularly important for the ISS-EWATUS as the results will be of interest to people at the intersection of several main areas, namely water resource management, civil engineering, ICT and data mining, social media as well as administration and politics.

### 4.1 Dissemination channels

The dissemination strategy consists of several dissemination policies aiming at the transfer of ISS-EWATUS achievements and lessons to be learnt. Dissemination policies will be based on three major dissemination (on-line, interaction and non-electronic) channels and their corresponding dissemination activities. The interactive channel of dissemination is intended for target groups with a high level of information need and involvement and it therefore provides information tailored to highly targeted audiences. The interactive channel is expected to be the most efficient means for community building and have the highest impact on dissemination. Since non-electronic dissemination is expected to increase the level of information need, involvement and invite interactive participation of interested parties, careful design of non-electronic intensive dissemination policies is needed. This type of activities will guarantee a high degree of knowledge promotion within all targeted groups, including those people that are less 'prone' to be involved in websites.

Each dissemination policy will be designed as blend of dissemination activities from one or more channels, with respect to the respective target group(s) that aims to address.

Channels that planned to be used are listed in Table 2.

Table 2. Channels - planned to be used during and after the ISS-EWATUS project

Channels to be used	Type of channel	Details
Personal contacts	Interaction	Project will be advertised among peers of the participants, acquaintances etc.
Professional contacts	Interaction	Project aims will be presented among professional contacts of the participants. This channel will offer a chance for personal interaction in academic, socio-economic (and possibly selected commercial) conferences, EU organised events and conferences and trade fairs and exhibitions.

Conferences	Interaction	<p>The interactive channel of dissemination. (Annex 1): attendance/ presentation/ poster. National and international conferences are an important opportunity to share ISS-EWATUS achievements with experts in the field. Conferences with an impact will be chosen e.g. water management resource conferences (e.g. International Conference on Water Resources Management and Engineering, conferences organized by the European Water Resources Association (EWRA), WDSA - Water Distribution Systems Analysis Conference, Conference on Sustainable Development of Energy, Water and Environment Systems), ICT conferences (e.g. IEEE conferences, ACM conferences, Smart Cities conferences), conferences and workshops organized under the auspices of EU and water organizations, industry conferences and exhibitions thematically related to the use of ICT in water resource management. To address the community, present and discuss results, members of the ISS-EWATUS will submit and contribute to the following conferences (tentative list):</p> <ul style="list-style-type: none"> <li>– Water Distribution System Analysis, WDSA 2014, <a href="http://www.water-system.org/wdsa2014/">http://www.water-system.org/wdsa2014/</a>, 14-17 July 2014, Bari, Italy</li> <li>– 11th International conference on Hydroinformatics, HIC 2014, <a href="http://hic2014.org/">http://hic2014.org/</a>, 17-21 August 2014, New York, USA</li> <li>– IWA World Water Congress &amp; Exhibition, <a href="http://www.iwa2014lisbon.org/">http://www.iwa2014lisbon.org/</a>, 21-26 September 2014 Lisbon, Portugal</li> <li>– Integrated Water Resources Management, IWRM 2014, <a href="http://www.iwrm-karlsruhe.com/en/home/homepage.jsp">http://www.iwrm-karlsruhe.com/en/home/homepage.jsp</a>, 19-20 November 2014, Karlsruhe, Germany</li> <li>– 3rd International Water Week Amsterdam 2015</li> <li>– 2015 UN-Water Annual International Zaragoza Conference will focus on Water and Sustainable Development: from Vision to Action, 15-17 January 2015, Zaragoza, Spain</li> <li>– 36th IAHR World Congress 28 June 2015 - 03 July 2015, The Hague/ Delft, the Netherland</li> <li>– 42nd IAH International Congress, AQUA2015, 13-18 September 2015, Rome, Italy</li> <li>– ICEST 2015 International Conference on Environmental Science and Technology, Venice, Italy</li> <li>– OR 56 Annual Conference, 9-11 September 2014, Egham, UK</li> <li>– 2015 CORS/INFMS International Conference, 14-17 June, Montreal, Canada</li> </ul>
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		<ul style="list-style-type: none"> <li>– other cyclic conferences devoted to the applications of ICT technology where the results of ISS-EWATUS can be widely disseminated.</li> </ul> <p>Furthermore, several individuals in the consortium are present in program committees of well-reputed conferences. Some of them even have chaired or will chair related special workshops and conferences and several of them are invited in round table discussions. They can therefore shape the research vision through discussions with other members of the academic community, they can disseminate research results and the notion of technology and vision developed within ISS-EWATUS. Specialised conference sessions can also be organised in that context.</p>
Workshops and special days	Interaction	<p>Workshops can be used to get feedback from users on a demo or from experts on particular issues. Posters presenting objectives and results of FP7 ICT for water projects will be prepared. A tentative list includes:</p> <ul style="list-style-type: none"> <li>– ICT Day 2015</li> <li>– ICT Day 2016</li> <li>– World Water Day 2015</li> <li>– World Water Day 2016 (Annex 1)</li> </ul>
Seminars / Webinars	Interaction/ on-line	<p>The foreground will be presented during the open seminar/webinar organised by project's participants. The events may be recorded and posted on the web site.</p>
Training activities	Interaction	<p>Activities will be organised to train end-users. The goal is to make them familiar with the results and possibilities available after the implementation of ISS-EWATUS tool. A users' manual will be prepared in order to follow the training activities. It is planned that training activities will promote the exploitation of the project t since future customers will be able to have a hands on experience with the tool's potential and capabilities (Annex 2).</p>
Programme meetings	Interaction	<p>Programme meetings are excellent opportunities for projects to learn from each other, discuss common issues, and get feedback on their work. A tentative list includes:</p> <ul style="list-style-type: none"> <li>– Annual cluster meeting. ICT for water, 04 February 2014, Brussels, avenue de Beaulieu 25, Belgium</li> <li>– Kick-off meeting of ISS-EWATUS, 27-28 February 2014, Katowice, University of Silesia, The Scientific Information Centre and Academic Library, Poland (Annex 1).</li> </ul>
Final event	Interaction/ on-line	<p>A dual final conference event is planned to be held in the two locations of the pilot/validation sites-Skiathos, Greece and Sosnowiec, Poland. The event will be taking place at the same time in two selected cities, An interaction between the two sites of the conference via teleconferencing is planned. An important reason for</p>

		<p>this decision is that we will want to encourage the involvement of the local stakeholders and the general public and we believe that it is best for those sessions to be done in the local languages (Greek and Polish, respectively).</p> <p>The conference event will be free and open to public, together with the private, academic and research stakeholders. The event will be publicised adequately and will be held in the final months of the project, after all results and objectives will be achieved. The conference will be addressed mainly to the water stakeholders and target users and organized in two separate sessions. In the morning plenary session the main results of the project will be presented and in the afternoon workshop session participants will be encouraged to cooperate in defining the needed plans for enhancing technology transfer between research and industries, both SME and large enterprises. Also, a major focus of the afternoon session will be to present the manual of the project to the public. The manual will be prepared for ISS-EWATUS in 3 languages (English, Greek and Polish) (Annex 1 or 2).</p>
Project web site	On-line	<p>The dynamic public website <a href="http://isewatus.eu">http://isewatus.eu</a> will be designed, developed and maintained throughout the duration of ISS-EWATUS. A project website is one of the most versatile dissemination tools. Every effort will be made to make ISS-EWATUS website active for several years after the end of ISS-EWATUS. Website <a href="http://isewatus.eu">http://isewatus.eu</a> will provide a first and key access point for interested scientific and business parties into ISS-EWATUS. Important results will be published on that website, but also added-value services will be offered such as newsletters, mailing lists or communication with project researchers and various stakeholders. The long-term objective of the website is to create a community of interested parties around ISS-EWATUS, to accelerate their involvement and to create awareness of the research results. This site will include dissemination material such as information about the concept, vision, objectives and expected outcomes of ISS-EWATUS. It will discuss the problems that ISS-EWATUS intends to solve and will provide results, findings and operation guidelines as they emerge. A messaging service will also be available, so that end users will be able to exchange comments with the participants. Besides up to date, continuously updated material concerning ISS-EWATUS, advanced web services (as social media platform and the adaptive pricing model) and technologies such as wikis, blog, forums will be employed to further facilitate the</p>

		<p>communication of users, internal and external to ISS-EWATUS, regarding the latest developments, papers and open problems on aspects of the relevant cooperation. Useful links to the EC services, initiatives, technology platforms, networks, as well as to the other EU ICT in water management projects will be established on ISS-EWATUS website that will intend facilitate targeted information dissemination and allow the consortium to widen the potential applications of the results. An area for downloading project brochures, videos, demos, and other useful material such as public deliverables, news for communication of events, workshops, and conferences related to the project as well as the contacts that allow the website visitors to have a direct link to the consortium will be established. An internal web portal only for consortium partners and designated EC officials communication on the website <a href="http://isseywatus.eu">http://isseywatus.eu</a> will be developed. The users will be able to access to the internal web portal by using their own username and password to share their information and knowledge. Herein the supervision and the coordination of the dissemination will take place.</p>
ISS EWATUS Social media platform	On-line	<p>ISS-EWATUS will be promoted at professional, connected with water management social media platform, created during the project realisation [MS5, month 24]. This is meant to be a general forum for discussing ISS-EWATUS, where all partners come together with external organisations and companies (European and International), who are invited to participate in discussions to help promote knowledge. In this forum, the challenges associated with in-network storage architectures for enhancing user experience will be addressed from all points of view, including technological, societal and organisational. All ISS-EWATUS concepts, designs and ideas will be reported for public scrutiny and a wider discussion will be initiated with every interested party. Mailing service for communication with the project researchers and various stakeholders will be offered.</p>
Social platforms e.g. twitter, facebook	On-line	<p>The results and aims of the project will be published in social media platforms.</p>
Journals articles	On-line / Paper	<p>(Annex 2): any and every opportunity will be taken to get published articles containing the results of the project. Several journals, conferences for publication relevant to ISS-EWATUS will be considered:</p> <ol style="list-style-type: none"> <li>1. The Research*eu magazine</li> <li>2. International Journal of Water (IJW) - Inderscience Publishers</li> </ol>

		<ol style="list-style-type: none"> <li>3. Journal Environmental Innovation and Sustainability Transitions</li> <li>4. International Journal of Water Resources and Environmental Engineering</li> <li>5. Water Science &amp; Technology Journal</li> <li>6. Journal of Environmental Management</li> <li>7. Journal of Hydroinformatics</li> <li>8. Decision Support Journal</li> <li>9. Environmental Modelling &amp; Software, etc.</li> </ol> <p>Also publication in open access journals will be considered. At a scientific level, the dissemination activities will be carried out through publications in specialised journals. This can aid the dissemination of the results and improve the up-take of the technologies developed and validated in the project. It is expected that all these publications reach a wide audience both of the scientific and technical community. The consortium will present a minimum of 5 papers to Scientific Journals, jointly authored by researchers from both the ICT and water domain, offering a complete scientific uptake on the current situation and the achieved improvements. The considered journals are:</p> <ol style="list-style-type: none"> <li>1. Water Resources Management</li> <li>2. Water Resources</li> <li>3. Applied Water Science</li> <li>4. Water, Air, &amp; Soil Pollution</li> <li>5. Intelligent systems</li> <li>6. ACM Transactions on Intelligent Systems and Technology</li> <li>7. Mobile Networks and Applications</li> <li>8. Real-Time Systems</li> <li>9. Human-centric Computing and Information Sciences</li> <li>10. ACM Transactions on Computer-Human Interaction</li> <li>11. Journal of Hydroinformatics</li> <li>12. Environmental Modelling and Software</li> <li>13. Journal of Environmental Informatics</li> <li>14. Urban Water</li> <li>15. Environmental Modelling and Assessment</li> <li>16. Decision Support System</li> <li>17. European Journal of Operational Research</li> <li>18. Journal of the Operational Research Society etc.</li> </ol> <p>A tentative list includes:</p> <ul style="list-style-type: none"> <li>– abstracts accepted - Water Distribution System Analysis, WDSA 2014, <a href="http://www.water-system.org/wdsa2014/">http://www.water-system.org/wdsa2014/</a> 14-17 July 2014, Bari, Italy</li> <li>– in the course of 2014 conferences it is planned to start working on the special issue on ICT water that can be pursued with papers from several ICT for</li> </ul>
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		water management projects. Journals under consideration: Journal of Hydroinformatics <a href="http://www.iwaponline.com/jh/toc.htm">http://www.iwaponline.com/jh/toc.htm</a> , Environmental Software and Modelling Journal <a href="http://www.journals.elsevier.com/environmental-modelling-and-software/">http://www.journals.elsevier.com/environmental-modelling-and-software/</a>
Newsletters	On-line / Paper	Outcomes of the project will be published in newsletters of the institutions involved in the project, e.g. IETU.
Press release	On-line / Paper	It is an announcement to the national and local press. A tentative list of journals includes: <ul style="list-style-type: none"> <li>– European Project ISS-EWATUS. Gazeta Uniwersytecka UŚ 2014 nr 6 (University of Silesia Newspaper),</li> <li>– Zielona Liga,</li> <li>– Gazeta Wyborcza (Annex 2).</li> </ul>
Leaflets/poster/roll-up	On-line / Paper / electronic	Materials in printed form will be handed out at conferences. An electronic version will be circulated electronically (Annex 1).
Publications in broadcast media	Pre-recorded / on-line	Interviews regarding the project will be arranged, for instance using local mass media such as Polish Radio Katowice
Reports	Paper / electronic / on-line	Reports on specific topics can be posted on ISS-EWATUS website so they will be accessible to a wide audience. Reports list includes: <ul style="list-style-type: none"> <li>– three dissemination reports will be published after 11th, 23rd, 35th months</li> <li>– impact assessment report after 36 months</li> </ul> In parallel to conducting research, the consortium will take actions towards actively spreading awareness and knowledge about new challenges and research opportunities. The wider societal implications will be explored by establishing synergies with educational institutions at all levels. All partners are committed to serving this goal by spreading awareness and knowledge within their radius of influence at the national and international level.
Involvement in networks	Interaction/ on-line	(Annex 1 or 2): will be encouraged using the participation of the members in other activities and projects. For disseminating the website further, ISS-EWATUS will establish links with the main existing networks, both social and professional ones (facebook, twitter). The specifically designed web-based social platform will also be used for the dissemination and exchanging of experiences between stakeholders and consumers. List of websites links with information about ISS-EWATUS will be established. A tentative list includes: Success - the "ISS-EWATUS" WliNoM received financial support from the EC, <a href="http://projekty.us.edu.pl/sukces-projekt-iss-ewatus-">http://projekty.us.edu.pl/sukces-projekt-iss-ewatus-</a>

		<p>wiinom-uzyskal-dofinansowanie-ke [February 2014]  Kick-off meeting of European Project ISS-EWATUS, <a href="http://www.us.edu.pl/inauguracja-projektu-europejskiego-iss-ewatus">http://www.us.edu.pl/inauguracja-projektu-europejskiego-iss-ewatus</a> [25 February 2014]  Kick-off meeting of European Project ISS-EWATUS, <a href="https://www.us.edu.pl/inauguracja-projektu-europejskiego-iss-ewatus-0">https://www.us.edu.pl/inauguracja-projektu-europejskiego-iss-ewatus-0</a> (kick-off meeting photoreport, University of Silesia Press Office) [27 February 2014]  – Profile and description of the ISS-EWATUS project on the European Innovation Partnerships EIP Water portal have been created, <a href="http://www.eip-water.eu/projects/iss-ewatus">http://www.eip-water.eu/projects/iss-ewatus</a></p>
Additional activities		<p>Participation in European Innovation Partnerships (EIP) Water is planned  <a href="http://ec.europa.eu/environment/water/innovationpartnership/">http://ec.europa.eu/environment/water/innovationpartnership/</a> - CERTH created a profile on the EIP Water portal and entered a description of the Project, <a href="http://www.eip-water.eu/projects/iss-ewatus">http://www.eip-water.eu/projects/iss-ewatus</a> (Annex 2)</p>

#### 4.2. Internal and external dissemination

Online, electronic, non-electronic and interactive dissemination will be used for internal and external dissemination. Internal dissemination is especially important for knowledge networking within ISS-EWATUS. All partners will be obliged to periodically report their internal dissemination activities. The private website for document exchange and publication that was mentioned above is a form of the internal dissemination. In addition, partner meetings and specialised workshops are a form of the internal dissemination. A major expression of external dissemination is the production of deliverables. Most of deliverables will have a public version and will be made available via ISS-EWATUS website. Partners will use their involvement and status in the research community to impact major scientific events by organising related panels, tutorials, and special sessions. In addition, seminars will be organised for business and technical managers. All consortium members have already indicated their interest, involvement, and determination to host, organise or participate in the external dissemination activities described above. All partners have an outstanding record of publications and impact on both the academic and industrial scientific communities. The partners are currently involved in scientific events and groups. The communication with other EU-funded projects is planned. An attempt will be taken to recognize subjects and areas of similar activities to exchange experiences and compare the obtained results. Links to the other projects will be published on ISS-EWATUS website. Also information, about future conferences and events on ICT-related water management, will be exchanged to extend the dissemination's possibilities of all projects. Common EU-funded projects' attendance at ICT and World Water days is planned. Personal contacts with water stakeholders are invaluable for promoting and demonstrating projects goals and results as well as networking with the interested members of the community.

### **4.3. Dissemination activities**

Part of the dissemination activities (Annex 3) will be focused on developing a coherent visual identity for project results including graphics, templates, styles and guidelines which can be used by partners when presenting their work in electronic and print materials. In particular, for ISS-EWATUS, which aims at generating new knowledge on a continuously evolving field, the benefits and opportunities will be made public in a timely and structured manner. A number of dissemination activities such as logo, leaflets, press releases website, participation in project forums are planned. The partners will participate in various international events and round tables and publish extensively in well-reputed international conferences and workshops.

### **5. Conclusions**

The dissemination plan of ISS-EWATUS is to ensure that the project will generate a large impact on society, economy, and science. This dissemination plan presented a comprehensive dissemination strategy, specific tools and activities adapted to the respective target groups and communication policy. The dissemination will be performed through variable channels characterised by on-line, interactive, and other types of activities. The efforts made to advertise the project and its product will be summarised in the final report that will be released in month 36. It will include updated brochures, a list of publications, attendance and presentations at conferences and workshops, press-releases, as well as the user's manual and the results of the final dissemination conference.

The easiest way to define and recognise results of the dissemination strategy is to promote and establish evaluation of the activities through the whole period of the project duration, with the monitoring of the progress, and parallel all major dissemination activities. In order to avoid derailing of the project and to maintain the high quality of the performance participants will have to fill questionnaires at the end of meetings and events. For example, it is planned that the website will be evaluated frequently by checking the usage, meetings and training sessions is planned to be evaluated by distributing and collecting some kind of questionnaire (Opinionmeter is a practical tool e.g.), number of citations assessed quality of the published articles etc. To further improve the dissemination strategy during the project's life, the dissemination plan will be updated and resubmitted at least once a year.

**Annex 1. Activities reporting template**

Reporting date	
Reporting partner	
(Co)-Organisers	
Type of activity <sup>1,2</sup>	
Date of activity	
Place of activity	
Summary of the activity	
Type of audience	
Size of audience	
Countries addressed	
Comments/feedback	
Additional resources (links, ppt, agenda, fact sheets ...)	

<sup>1</sup> Conferences, workshops, meetings, presentations, etc.

<sup>2</sup> For all kind of publications (articles, news, etc.) please use the Publications activities reporting template.

**Annex 2. Publications activities reporting template**

Reporting date	
Reporting partner	
Author of publication	
Title of publication	
Title of the periodic	
Type of publication <sup>1</sup>	
Publisher	
Language of publication	
Place of publication	
Year of publication	
Relevant pages	
URL of publication or text attachment (pdf, doc)	

<sup>1</sup>press release, article, other (please specify)

**Annex 3. Dissemination activities**

<b>No.</b>	<b>Date</b>	<b>Issue / Event</b>	<b>Explanation</b>	<b>Responsibilities</b>	<b>Comment</b>
1	2014-03-15	<b>Project Registration in EIP Water Initiative</b>	CERTH created a profile in the EIP Water portal and have entered a description of the project <a href="http://www.eip-water.eu/projects/iss-ewatus">http://www.eip-water.eu/projects/iss-ewatus</a>	CERTH	
2	2014-03-20	<b>Work Package Leader, Chrysi Laspidou, has applied and has been approved for a membership in the prestigious Water Supply and Sanitation Technology Platform (WssTP)</b>	<a href="http://www.wsstp.eu">www.wsstp.eu</a>	CERTH	The membership went through the University of Thessaly, which is closely associated with CERTH. It is new membership and ensures that the results of ISS-EWATUS will be disseminated to a very relevant and important audience in the sector of smart water
3	2014-03-25	<b>Work Package Leader, Chrysi Laspidou, will explore the membership to the prestigious network SWAN forum, which is important channel of dissemination for smart water related projects</b>		CERTH	Membership will be pursued through CERTH
4	2014-03-31	<b>Dissemination plan</b>		US	

5	2014-04-15	<b>Promotion of FP7 ICT Water projects</b>	links and information on the ISS-EWATUS web portal	US	
6	2014-04-15	<b>Promotion of ICT Water initiatives and projects</b>	links and information on the ISS-EWATUS web portal: the video on Water (and Waste) management in H2020 WP 2014-15 on DAE social media, Facebook: <a href="https://www.facebook.com/DigitalAgenda/posts/591834790899495?stream_ref=10">https://www.facebook.com/DigitalAgenda/posts/591834790899495?stream_ref=10</a> Twitter: <a href="https://twitter.com/DigitalAgendaEU/status/440415215730294784">https://twitter.com/DigitalAgendaEU/status/440415215730294784</a>	US	
7	2014-04-30	<b>Internal platform</b>	Internal platform for communication and dissemination for all participant. Access from web portal <a href="http://isewatus.eu">http://isewatus.eu</a>	US	
8	2014-05-12	<b>Participation in SWAN conference - Towards Smarter Water: The road ahead, May 12-13, 2014 Madrid, Spain</b>	<a href="http://www.swan-forum.com/">http://www.swan-forum.com/</a>	CERTH	This is an opportunity for some networking with people and industries that work in the field of smart water
9	2014-05-31	<b>Leaflets/ poster/ roll-up</b>	in printed and electronic version	US	
10	2014-06-30	<b>Web portal</b>	<a href="http://isewatus.eu">http://isewatus.eu</a>	US	
11	2014-07-14	<b>Conference WDSA 2014</b>	Water Distribution System Analysis, WDSA 2014, <a href="http://www.water-system.org/wdsa2014/">http://www.water-system.org/wdsa2014/</a> , 14-17 July 2014, Bari, Italy	US, CERTH	Abstracts submitted to the conference and accepted.
12	2014-08-17	<b>Conference HIC 2014</b>	11th International conference on Hydroinformatics, HIC 2014, <a href="http://hic2014.org/">http://hic2014.org/</a> , 17-21 August 2014, New York, USA		
13	2014-09-09	<b>OR 56 Annual Conference</b>	OR 56 Annual conference, <a href="https://www.theorsociety.com/Pages/Conferences/OR56/OR56.aspx">https://www.theorsociety.com/Pages/Conferences/OR56/OR56.aspx</a> , 9-11 September 2014, Egham, UK	LU	

14	2014-09-21	<b>IWA World Water Congress &amp; Exhibition</b>	IWA World Water Congress & Exhibition, <a href="http://www.iwa2014lisbon.org/">http://www.iwa2014lisbon.org/</a> , 21-26 September 2014 Lisbon, Portugal		
15	2014-11-20	<b>Conference IWRM 2014</b>	Integrated Water Resources Management, IWRM 2014, <a href="http://www.iwrm-karlsruhe.com/en/home/homepage.jsp">http://www.iwrm-karlsruhe.com/en/home/homepage.jsp</a> , 19-20 November 2014, Karlsruhe, Germany		
16	2014-12-01	<b>ICT Day 2015</b>	poster presenting objectives of FP7 ICT Water projects	US	
17	2014-12-01	<b>World Water Day 2015</b>	poster presenting objectives of FP7 ICT Water projects	US	
18	2014-12-31	<b>Report 11</b>		US	
19	2014-12-31	<b>Publications - special issue on ICT water</b>	In the course of 2014 conferences it is planned to start working on the special issue on ICT water that can be pursued with papers from several ICT for water management projects. Journals under consideration: <i>Journal of Hydroinformatics</i> <a href="http://www.iwaponline.com/jh/toc.htm">http://www.iwaponline.com/jh/toc.htm</a> , <i>Environmental Software and Modelling Journal</i> <a href="http://www.journals.elsevier.com/environmental-modelling-and-software/">http://www.journals.elsevier.com/environmental-modelling-and-software/</a>		
20	2014-01-15	<b>2015 UN-Water Annual International Zaragoza Conference</b>	UN-Water Annual International Zaragoza Conference - Water and Sustainable Development: from Vision to Action, 15-17 January 2015, Zaragoza, Spain, <a href="http://www.un.org/waterforlifedecade/pdf/2015_un_water_zaragoza_conference_leaflet_low_res.pdf">http://www.un.org/waterforlifedecade/pdf/2015_un_water_zaragoza_conference_leaflet_low_res.pdf</a> ;the UN-Water Conferences serve to prepare for World Water Day, focusing in 2015 on water and sustainable development	IETU	

21	2015-06-14	<b>CORS/INFMS International Conference</b>	CORS/INFMS International Conference, 14-17 June 2015, Montreal, Canada		
22	2015-06-28	<b>36th IAHR World Congress, 28 June 2015 - 03 July 2015, The Hague/ Delft, the Netherland</b>			
23	2015-06-29	<b>ICEST 2015 : International Conference on Environmental Science and Technology, Venice, Italy</b>			
24	2015-09-13	<b>42nd IAH International Congress, AQUA2015, Rome 13-18 September 2015</b>			
25	2015-11-01	<b>3rd International Water Week Amsterdam 2015</b>	poster or presentation regarding the progress in the implementation of real-time monitoring systems in WDS		
26	2015-12-01	<b>ICT Day 2016</b>	poster presenting results of FP7 ICT Water projects	US	
27	2015-12-01	<b>World Water Day 2016</b>	poster presenting results of FP7 ICT Water projects	US	
28	2015-12-31	<b>Report 23</b>		US	
29	2016-07-15	<b>Exploitation plan 30</b>		DS	

30	2016-11-01	<b>Publications in water managment oriented journals: Journal of Hydroinformatics, Environmental Modelling and Software, Journal of Environmental Informatics, Urban Water, Environmental Modelling and Assessment etc.</b>			
31	2016-12-31	<b>Report 35</b>		US	
32	2017-01-15	<b>Impact assesment 36</b>		US	
33	2017-01-15	<b>Final event</b>		US, DS	