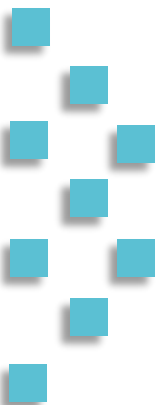




D6.7 Fiware4Water dissemination and communication report

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Project Consortium



Executive Summary

Fiware4Water work package n°6 is dedicated to its Ecosystem building for communication and dissemination strategies and activities. One related deliverable (D6.7) is the report on *Fiware4Water dissemination and communication*. It will be issued once a year to present the Communication & Dissemination (C&D) activities carried by the project and taken over by the partners through their own networks.

The general objectives of F4W C&D activities are to:

- Develop and implement specific approaches for the communication and the dissemination to engage effectively with the different targeted audience
- Raise awareness for the project
- Ensure dissemination, exploitation, sustainability of the project outcomes during and beyond the project life cycle to maximise the impact
- Monitor impacts throughout the project
- Generate market demands and tackle social challenges, an approach based on social innovation
- Build the Fiware4Water Ecosystem of SMEs (Demo Network#3)

The general setting of C&D activities is provided by Fiware4Water strategy; which establishes the key objectives, messages, support to partners to ensure an efficient and active C&D over the duration of the project.

This document presents the C&D activities from their initial objectives to their development and implementation from month 1 (June 2019) to month 12 (may 2020) of the project.

The different sections of the document review (i) the activities dealing with the strategic level of C&D mainly referring to the F4W C&D strategy plan that has been delivered at month 6 (ii) activities dealing with the internal communication level mainly related to the materials and support provided to partners in order to promote F4W progress and results; (iii) activities related to the external communication level referring to the channels and specific documents developed to reach out and engage with stakeholders; (iv) activities focussing on the dissemination activities related to documents, events as well as the liaison activities with other initiatives (i.e. Synergy Group DigitalWater2020, ICT4Water); (v) activities related to the transversal level where the focus is on partners C&D activities to promote F4W outcomes; (vi) and finally activities dealing with the overall monitoring process through the specific KPIs set to globally monitor the F4W C&D activities.

At the beginning of the project, the decision was made to develop a showwindow website with information on the project and regular updates and to develop a strong activities on the social network to reach out fiware4water audiences (SMEs, water utilities, researchers, citizens) with the latest up to date information. The other added value of such an approach is to implement a bi-directional way of C&D to not only widespread information from the project but to also try engaging with the targeted audiences. Over the first year of the project, the different deliverables related to WP6 were delivered on time and all the public deliverables of the project were made available on the F4W website. The social networks (LinkedIn and twitter) is progressively growing. The project also benefits from the development of joint initiatives with the creation of the Synergy Group DigitalWater2020 and the support of the ICT4Water cluster.

Related Deliverables

- D6.1: Fiware4Water communication and dissemination strategy towards a water smart society, M6: The strategy plan will focus on how Fiware4Water outcomes promotion will be implemented to reach out the targeted groups (water utilities, SMEs, industrials users, local authorities, policy makers and citizen) with clear indications on the planning, materials and channels to be used. It will be co-built with WP1 requirements and WP5 social and economic impacts, targeting the sustainability of the project. It will also plan branding strategy.
- D6.2: Communication kit including a website, social media and leaflets, M05+: The project will prepare a logo and branding material, set up a project website (portal), create social media accounts (e.g. Twitter and LinkedIn), prepare project brochures etc. as a communication kit.
- D6.3: E-newsletter, M09, M18, M27: Regular update of the progress of the project (every 9 months), to be disseminated via the partners' networks
- D6.4: Webinars and eLearning materials, M12, M24, M35: Regular 2-hour webinars will be organised to disseminate the outcomes of the project (every trimester after M12), and highlight the case studies - all recorded sessions will be gathered in an eLearning tool available after the project ends
- D6.5: Social Innovation factsheet: SIF answers societal needs gathered by WP1/WP5 from the specific view of Fiware4Water innovative smart water solutions and their impacts on society M12, M24, M34

Document Information

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List of Acronyms/Glossary

C&D	Communication & Dissemination
Synergy Group DigitalWater 2020	DW2020
F4W	Fiware4Water project
Social Innovation Factsheet	SIF
Work package	WP

Introduction

This report¹ presents the overall dissemination and communication (C&D) activities of Fiware4Water carried on during the first year of the project (June 2019 – May 2020). It is firstly delivered at month 14² and will be updated at month 24 and 36. C&D activities and related objectives are part of WP6 ‘Ecosystem building for communication and dissemination strategies and activities’, led by OiEau.

The key ingredients of the F4W dissemination and communications ecosystem are end-users endeavours, technology and business. The strategy for communication and dissemination³ aims at exploiting Fiware4Water outcomes and services to offer as much as benefit as possible for the society as whole and increase the impact of the project. The specific objectives are:

- Develop and implement specific approaches for the communication and the dissemination to engage effectively with the different targeted audience
- Raise awareness for the project
- Ensure dissemination, exploitation, sustainability of the project outcomes during and beyond the project life cycle to maximise the impact
- Monitor impacts throughout the project
- Generate market demands and tackle social challenges, an approach based on social innovation
- Build the Fiware4Water Ecosystem of SMEs (Demo Network#3)

The different levels of F4W Ecosystem building for communication and dissemination strategies and activities are used to report on the C&D activities. Activities dealing with the strategic level are presented in section I and mainly refer to the F4W C&D strategy plan that has been delivered at month 6. Activities dealing with the internal communication level are reported in section II and focus on the materials and support provided to partners to promote F4W progress and results. C&D activities related to the external communication level is described in section III and refer to the channels and specific documents developed to reach out and engage with stakeholders. Dissemination activities are presented in section IV and are related to documents, events as well as the liaison activities with other initiatives (i.e. Synergy Group DigitalWater2020, ICT4Water). The C&D activities related to the transversal level are reported in section V and report on the partners C&D activities to promote F4W outcomes. Finally, section VI focusses on the specific KPIs set to globally monitor the F4W C&D activities. Each section are divided in two. A first subsection set the planned objectives as described in the Description of Activity. A second sub-section details what has been delivered over the described period.

I. C&D activities related to the strategic level

I.1. Planned activities

The strategic level is about developing a strategic plan for communication and dissemination strategy. The strategy plan will focus on how Fiware4Water outcomes promotion and will be implemented to reach out the targeted groups (water utilities, SMEs, industrial users, local authorities, policy makers and citizen) with clear indications on the planning, materials and channels to be used. It will be co-built

¹ It corresponds to the deliverable 6.7 named *Fiware4Water dissemination and communication report*

² Due to the COVID-19 crisis, D6.7 first delivery has been delayed of two months, month 14 instead of month 12.

³F4W strategy is detailed in the deliverable 6.1 available on <https://www.fiware4water.eu/deliverables#deliverable>

with WP1 requirements and WP5 social and economic impacts, targeting the sustainability of the project. It will also plan branding strategy.

I.2. Delivery of Year 1

a. Setting the strategy

F4W strategy is explained in the Deliverable 6.1 *The Communication and dissemination strategy towards a smart water society*. It is a key document explaining the strategic actions to reach out F4W targeted audiences that in the end will transform the project's outcomes into a success story by acknowledging the innovative water digital solutions developed by project.

This strategy opens on the key challenges to be tackled in order to understand the overall context that hinders F4W communication and dissemination. The introduction reminds the water sector specificities, the wide panel of audiences and the societal challenges faced by Fiware4Water, before highlighting the key objectives the Communication and dissemination strategy.

Once the scene is set, the fundamental following question is addressed and explained: *what* messages and *how* (materials and channels) will they be conveyed to *who* (targeted audiences: Water utilities, SMEs, River basin organisations, Industrials users, Academia and Citizens/consumers) according to the best possible *when* (time planning)?

C&D activities are led by OIEau but all Fiware4Water partners play an important role and are fully part of the Communication and dissemination success of the project. Beyond the consortium, each partner can act as a multiplier effect towards their peers' communities and other initiatives that are crucial for Fiware4Water. To support Fiware4Water partners to activate this multiplier effect, some tips, guidance and procedures are given.

Finally, to close the strategy, the set of activities and tools to monitor the communication and dissemination is detailed. They are of importance to assess their impacts, to feed the different progress reports for the European Commission and Fiware4Water as well as to adapt the strategy if needed.

Key contacts of F4W communication and dissemination: Natacha Amorsi (OIEau, n.amorsi@oieau.fr), Sonia Siauve (OIEau, s.siauve@oieau.fr) and Angeles Tajedo (Fiware Foundation, angeles.tejado@fiware.org)

F4W Work force is composed of at least one person per organisation and internally communicate via the distribution emails list: f4w_wp6@oieau.fr

All the documents related to WP6 are available on the projects internal platform Freed camp

Social media: LinkedIn: <https://www.linkedin.com/showcase/euprojetfiware4water/> twitter: Fiware4Water

Website: <http://www.fiware4water.eu/> ; <http://fiware4water.eu/> ; <http://f4w.eu/>

Figure 1: Communication and dissemination in a nutshell

b. F4W C&D officers and work force

To ensure a strong and active participation to the C&D activities, a specific work force has been set. The work force gathers one communication officer from each partner's organisation. The communication officers act as multipliers towards their own organisation and outside the project. The aim is to ensure that F4W C&D activities are carried by the project as an entity and also rely on the partners' networks. On its side, OiEau has two main contacts dedicated to the C&D activities: one person leading the dedicated work package, embracing the strategic activities and project deliveries; one person in charge of the social media activities and website in order to ensure live information on the project progress and partners' activities are shared within the growing F4W community. C&D activities also benefit from the F4W manager person as OiEau is coordinating F4W. Additional content for C&D activities are directly produced by OiEau.

F4W C&D work force (WP6) is meeting once a month to go through the different topics, remind the key deadlines and organise actions for the forthcoming activities. The minutes of the monthly telco are presented in the annexe 2.

c. Practices to gather partners inputs on communication and dissemination

One challenging issue of C&D activities along the project life's time is the ability to gather regular information from the partners to ensure an up-to-date flow of knowledge. To trigger that routine, a calendar has been set for partners to provide what we call a 'news article'. The news article is a short C&D content (up to 2400 characters) that gathers partners' progress, interest, success stories, etc.

Thanks to this planning a weekly article is shared on the social media and used to update the website (annex 3 lists all the articles written and published over the period).

Organisation	Partners' nb	Date of the first article per organisation	Date of the 2d article
TWZ	7	10/12/2019	31/03/2020
NTUA	3	17/12/2019	07/04/2020
EUT	4	07/01/2020	14/04/2020
UNEXE	5	14/01/2020	21/04/2020
FF	10	21/01/2020	14/07/2020
CNRS	8	04/02/2020	28/04/2020
EYDAP	9	11/02/2020	05/05/2020
EGM	2	18/02/2020	12/05/2020
KWR	6	25/02/2020	19/05/2020
3S	13	03/03/2020	26/05/2020
BDG	14	10/03/2020	02/06/2020
WNT	12	17/03/2020	09/06/2020
SWW	15	24/03/2020	16/06/2020
OiEau	1	every week from the 03/12/19	

Organisation	Partner's nb	Date 3rd article	Date 4th article
TWZ	7	06/07/2020	05/10/2020
NTUA	3	13/07/2020	12/10/2020
EUT	4	20/07/2020	19/10/2020
UNEXE	5	27/07/2020	26/10/2020
FF	10	03/08/2020	02/11/2020
CNRS	8	10/08/2020	09/11/2020
EYDAP	9	17/08/2020	16/11/2020
EGM	2	24/08/2020	23/11/2020
KWR	6	31/08/2020	30/11/2020
3S	13	07/09/2020	07/12/2020
BDG	14	14/09/2020	14/12/2020
WNT	12	21/09/2020	21/12/2020
SWW	15	28/09/2020	28/12/2020

Table 1-News article planning

II. C&D Activities related to the internal communication level

II.1. Planned activities

The internal communication aims at assisting the partners to present the project's outcomes to conferences, exhibition, networking events, etc., throughout the project. C&D materials are gathered in a communication kit (D6.2 Communication kit including a website, social media and leaflets). It also refers to PowerPoint templates, banners, goodies).

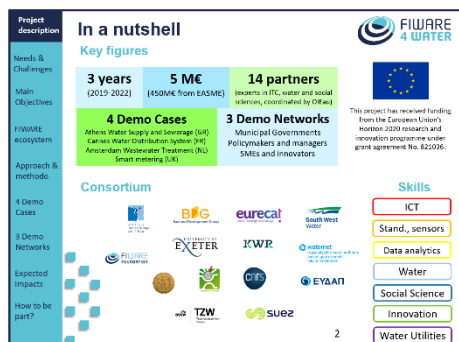
II.2. Delivery of Year 1

a. PowerPoint general presentation

F4W general presentation is composed of 20 slides covering the main aspects of the project

b. PowerPoint template

A template following F4W graphical standard is available for partners to use for events



c. Fiware4Water poster

This communication material aimed at presenting the project in a synthetic way. This poster allows a quick understanding of the project and its issues.

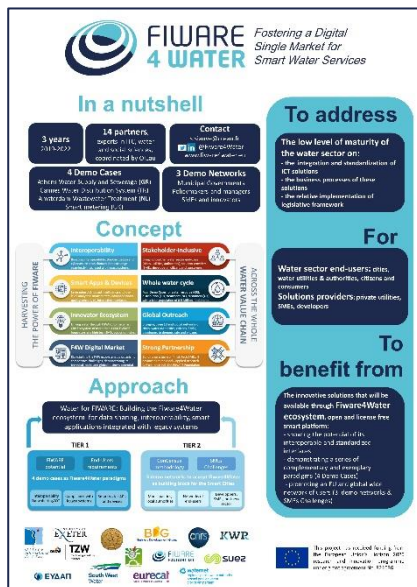


Figure 2: Fiware4Water poster

d. Fiware4Water leaflet

The objective of the leaflet is also to present the project and its key elements while providing more details with much text than the poster. While remaining synthetic, this leaflet allows a deeper understanding of the project.

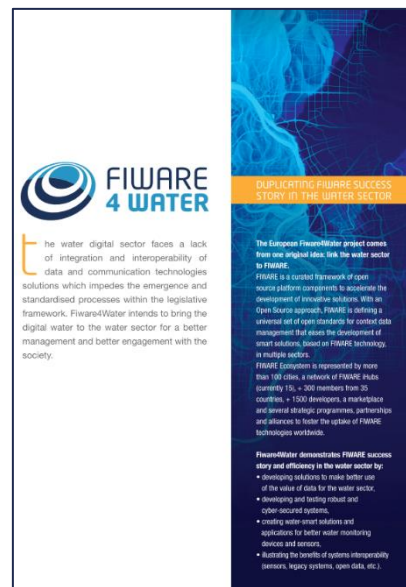


Figure 3: Fiware4Water leaflet front page

III. C&D Activities related to the external communication level

III.1. Planned activities

Prepare a logo and branding material, set up a project website (portal), create social media accounts (e.g. Twitter and LinkedIn), prepare project brochures etc. as a communication kit (as detailed in Section 2. Fiware4Water key messages will be presented in also webinars, on social media, newsletters, social innovation factsheets and e-book. Fiware4Water will also take advantage of the ICT4WATER cluster newsletter (400+ recipients) and website to release items of news to other EC projects and link with them for common activities (e.g. common participation at innovation events).

III.2. Delivery of Year 1

a. Logos

When the projects started in June 2019, partners suggested the logo that was used for the project's proposal should be redesigned by a professional. Once the first series of propositions was made at the 2nd F4W GA in Amsterdam (November 2019), it became obvious to the partners that the logo should follow Fiware Foundation design. A second series of logos was then proposed to the partners and validated in December 2019.








Logo of the proposal	1 st designed logos	Final logos
	  	  

Table 2: Fiware4Water logos

b. Website

The Fiware4Water website is the main project's showcase, hence the need to update it regularly, both for the interest of the readers and its internet referencing.



Figure 4: Website front page

The majority of these updates were made thanks to the publication of the partner's news articles in the News page or the Demo Cases and Demo Networks pages. These articles are the opportunity for the partners to communicate on their progress in the project, the challenges they are facing, their objectives, their vision, etc. Otherwise, the publication on the website consisted of articles written by OIEau about news, current events, liaisons activities and deliverables.

Over time, several elements of the website were modified to correspond to the communication needs and external events such as:

- The addition of a field that allows visitors to subscribe to the newsletter

- The modification of the Advisory Board Page in order to present each member individually rather than per organisation
- The French translation of the website in progress
- The drafting in progress of a website tab “Liaison activities” that will contains two pages, one presenting the ICT4Water cluster and another one about the presentation of the Synergy Group DigitalWater2020

c. Newsletter

D6.3: E newsletters will be prepared three times over the duration of the projects (M09, M18, M27). The 1st the first issues was sent on March 2020. It aimed at presenting the project to various stakeholders and presents focussing on its consortium, liaison activities and events. The Newsletter also gave voice, through short articles, to Gilles Neveu (project coordinator on behalf of Fiware4Water consortium), to Fiware4Water partners (South West Water) and one member of the External Advisory Board (Elad Salomons).

From an aesthetic point of view, it was designed graphically in accordance with the previously defined graphic charter of the project. It also includes some texts from the leaflet, the website and some diagrams already used previously in various communication materials.

The newsletter contained a lots of diagrams in order to avoid a too high proportion of text which can be a hindrance to reading. The reduction of the text was also achieved by the implementation of a link READ MORE to the Fiware4Water website, which allows readers to learn more about the project and to generate more traffic on the website.

This communication material has been sent to the Fiware4Water contact list (251 contacts including project partners, OIEau employees, sister projects, member of the External Advisory Board and some contact in EIP water, JPI water, ICT4Cluster and WaterEurope) and the OIEau’s press contact list (7224 contacts, members of the General Assembly and press). In addition to this two mailings, the newsletter has been shared on the Fiware4Water social media and website. Project partners were also asked to share it on their own social media and to send it to their contact lists.

d. Webinars

Over the duration of the project, at least 9 webinars should be put into place. During the first of the projects, a first series of 3 webinars was organised by the partners to present Fiware4water, Fiware platform and data models (<https://www.fiware4water.eu/news/Fiware4Water-events>)

e. Social innovation factsheet

The first Social Innovation Factsheet was due for month 12 (May 2020). SIF aims at illustrating the societal needs related to digital water with solutions widespread into four dimensions: technological, capacity development, governance and economic and business roadmap. In order to show case these dimensions, the different types of solutions need to be mature enough. For that reason, and also due



Figure 5: Newsletter front page

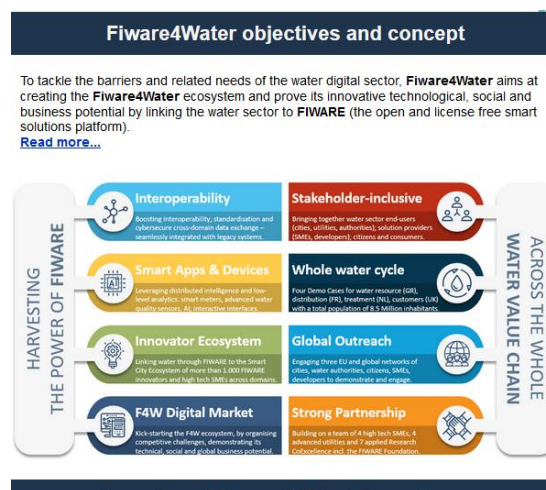


Figure 6: One of the diagrams in the Newsletter

to the COVID crisis delaying part of the project activities and time of work for some partners, the decision was and validated by the Commission that the first SIF will be delivered in October 2020 and will focus on the general concept. The first SIF will then work as a guidance with illustration from F4W first outcomes. The second SIF will focus on the ConCensus approach and finally the last one will focus on the Fiware4Water platform.

IV. C&D related to the dissemination level

IV.1. Planned activities

The dissemination level targets the peer communities the related documents and activities are: Public reports (deliverables), working papers, scientific articles and MOOC (OIEau) to promote the project and engage with researchers and SMEs. A series of social media will be used to engage on a regular basis with the peers such as twitter (to share key messages on the progress of the projects or during events), LinkedIn (to engage specific discussion groups). The dissemination level also aims at supporting other WPs activities, in WP5) during the second phase of the project (after M18). The objective is to start the replication of Fiware4Water experience. The conference will gather selected stakeholders from Hungary, Serbia, Romania, Bulgaria, Moldova and Croatia to disseminate and engage with follower cities on Fiware4water innovation transfer (BDG). This task will also coordinate with other ICT4WATER projects to organise scientific special sessions at International Conferences, with the guidance of the project Scientific and Technical Manager (UNEXE), who will also advise on potential special issues in journals for scientific papers during Year 3 of the project.

IV.2. Delivery of year 1

a. Public deliverables

Currently, all the public deliverables have been published on the website, free and downloadable.

Deliverable Number	Deliverable Title	WP number	Lead beneficiary	Type	Dissemination level	Due Date (in months)
D1.1	Requirements from use cases	WP1	3 - NTUA	Report	Public	6
D1.2	Requirements from end-users	WP1	4 - EURECAT	Report	Public	6
D1.3	Requirements for innovation	WP1	10 - FIWARE	Report	Public	6
D2.1	Specification of system architecture for water consumption and quality monitoring	WP2	10 - FIWARE	Report	Public	12
D5.1	A Study of the current public perception digital water and other related innovations, and recommendations	WP5	4 - EURECAT	Report	Public	6
D5.7	Synergies with the SC05-11-2018 cluster	WP5	5 - UNEXE	Report	Public	12
D6.1	Fiware4Water communication and dissemination strategy towards a water smart society	WP6	1 - OIEAU	Report	Public	6

D6.2	Communication kit including a website, social media and leaflets	WP6	1 - OIEAU	Other	Public	5
D6.3	E-newsletter	WP6	1 - OIEAU	Other	Public	9, 18, 27
D6.4	Webinars and eLearning materials	WP6	1 - OIEAU	Other	Public	12, 24, 35
D6.5	Social Innovation factsheet	WP6	1 - OIEAU	Report	Public	12, 24, 34
D6.6	Fiware4Water challenges	WP6	10 - FIWARE	Other	Public	12, 24
D6.7	Fiware4Water dissemination and communication report	WP6	1 - OIEAU	Report	Public	12, 24, 36
D7.1	Info-pack for internal communication, with tools/procedures	WP7	1 - OIEAU	Report	Public	2
D7.2	Scientific Quality Assurance Plan	WP7	5 - UNEXE	Report	Public	3
D7.3	Data Management Plan	WP7	1 - OIEAU	ORDP: Open	Public	6

Table 3: List of Fiware4Water public deliverables available on www.fiware4water.eu

b. Social media

Special care and efforts have been deployed on the social media

- The twitter account was created in June 2019 and the LinkedIn page in December 2019. The first step to gather a community of followers and subscribers was achieved by a massive sharing of these pages by the various partners of the project. The number of followers and subscribers then has increased once a regular publication of information has been established, which also triggered an increase in the number of visitors to the website.

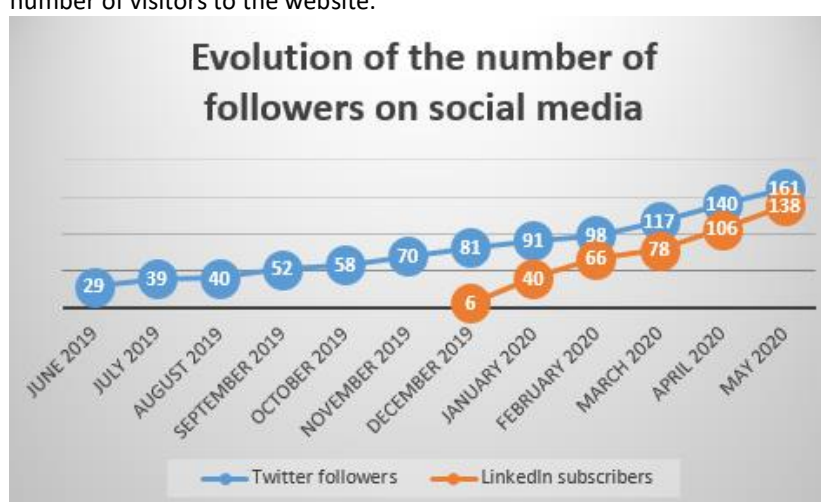


Figure 7: Graph representing the evolution of the number of followers on Twitter and LinkedIn

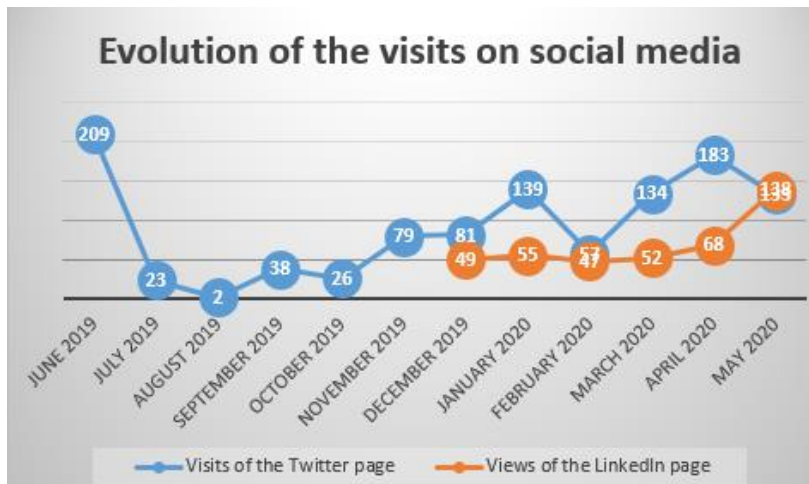


Figure 8: Graph representing the evolution of the number of visits on Twitter and LinkedIn

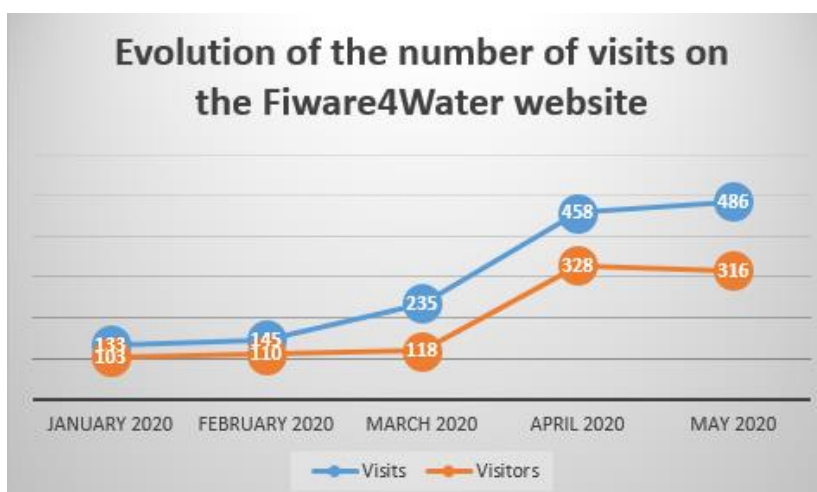


Figure 9: Graph representing the evolution of the number of visits and visitors on the website

- The main activity on social media is basically to relay the website's updates and partner's articles. Other publications not directly related to the project have been published to keep the page active, such as posts dedicated to World Days (World Water Day, Europe Day, Desertification and Drought Day, etc.) and special care were made to retweet, like and comment various posts linked to the project, to the water sector, to the digital water sector and related to the partner's news. Many likes, sharing and subscription to other page were made closely related to the activity of business intelligence, to monitor news and events related to the sector, to our partners and liaison activities.
- In order to provide a significant amount of content to share on social media (and published on the website), a planning for partners to write news articles was implemented right at the beginning. This planning provided for the production of one article per week from a different partner, in turn. For the recovery of these contents, reminders have been sent to the partners by email. Once the articles were received, all the documents were laid out to correspond to the graphic constraints of the project, then published on the site and relayed on Twitter and LinkedIn.
- Over the period several articles and contents were published on the website. For each content, posts on social media were made in order to generate traffic on the website and gathering a community around the Fiware4Water project. (annexe 2)

c. Liaison with other initiatives

The synergy Group DigitalWater 2020 (DW2020)

The success story of the Synergy group has started with one common deliverable to all of the 5 projects funded on the same H2020 line plus Aqua3S (D5.7: Synergies with the SC05-11-2018 cluster).

DW2020 has set five task forces, one dedicated to the communication and led by OIEau to pool efforts.

So far, several communication materials have been produced in agreement with the whole synergy group such as the logo, a poster. These two elements establish an initial visual identity for the group and constitute communication tools that will allow a more effective presentation of the initiative.

The DW2020 had the opportunity to benefit from the FIWARE audience by the common drafting of an article in the "Fighting Climate Change with FIWARE" booklet about its purpose, objectives and ambitions to improve climate change resilience. This article represents the first joint concrete action of the DW2020.

Finally, Task Force 4 held its first virtual meeting on Wednesday 3 June. This meeting was the occasion for the members to introduce themselves, discuss the first actions carried out so far, such as the logo, the poster and the common deliverable, define the next actions and missions of the task force and choose the final logo.

ICT4Water cluster

Many partners of the consortium as well F4W as a project are members of the European ICT4Water and are involved in specific activities; for example, NTUA and OIEau are co-leading the Action Group on raising awareness. The cluster represents a wide audience to communicate as well as the huge synergy support in the development of different activates such as digital progress sharing but also business development and policy recommendations.

DW2020 had the opportunity to participate to the Annual ICT4Water cluster meeting on June 17 and 18. The DW2020 registered at the event to present its initiative through a poster (see figure 10) that was presented to the participants of the meeting.

In addition to this action, several articles have been written about the ICT4Water cluster on the F4W website and a new section dedicated to the cluster is currently under way. Work on social media is also carried out, liking and sharing the different activities of the ICT4Water cluster while staying informed about its news.

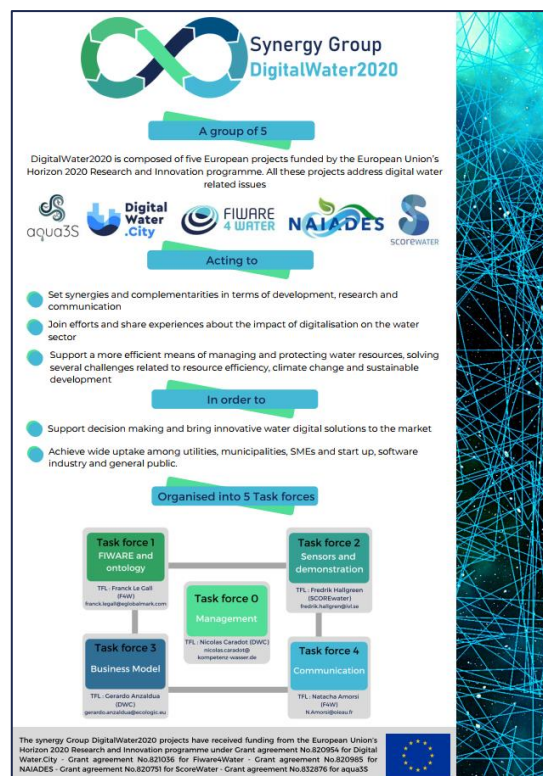


Figure 10: DigitalWater2020 poster (incl. logo and task force presentation)

V. C&D activities related to the transversal level

V.1. Planned activities

The project partners will promote the project outcomes within their own networks and at events with other suitable projects/activities.

V.2. Delivery of year 1

A specific on line survey has been sent twice during the first to all the partners to gather their activities on C&D (see annexe 3).

VI. Follow up of KPIs on C&D activities

The following KPIs had been set at the beginning of the project to monitor C&D activities during the life time of the project. The figures for year one are extracted from annexe 4.

KPIs	Target	Year 1
Number of related conferences in which <i>Fiware4Water</i> will be active	≥ 2 per year	3
Number of generic medias (press) releases	≥ 2 per year	3 (at the launch of the project)
Number of publication in scientific conferences (Web of Science / Scopus)	≥ 10	TBC
Number of publication in scientific journals (from Science Citation Index / Scopus)	≥ 6	TBC
Organizing special sessions and other dissemination actions	≥ 4	8
Involving stakeholders through impact creation mechanisms (multipliers)	≥ 50	26
PhD thesis	≥ 3	TBC

Table 4: F4W KPIs on communication and dissemination

Conclusion and Perspectives

During the first year of the project, all the C&D deliverables were delivered as scheduled. The strategy has been set, a fair amount of energy and dedicated attention have been deployed to properly put in place F4W website and the social medias. F4W has also benefited from synergies with the DW2020. Since its creation, the synergy group actively works on 4 task forces. The collaboration with the ICT4Water cluster is also well developing directly with F4W, DW2020 and also through partners' organisations involvement in the different Action Groups of the cluster.

From now on, these activities will be carried on and new activities will enlarged the panels of C&D materials. For example, at the scale of the social media, it is planned to develop different types and formats of C&D such as interviews, words of experts with the support of F4W Advisory board. Additional deliverables will be produced to tackle the policy side and provide recommendations to elevate the digital water related issues. One approach of F4W is to use the social innovation approach to present F4W outcomes trough the technological dimensions combined with the capacity development, governance and economic/business dimensions.

At the scale of the project, over the second year, partners will produce many accomplishments such as the architecture of the F4W platform, the launch of the Demo networks and F4W challenges. All these activities will be one big source for the project to communicate and disseminate towards F4W growing community on social media that will also be reached thanks to our forthcoming newsletter.

Annexe 1: F4W - List of deliverables

Deliverable Number ¹⁴	Deliverable Title	WP number	Lead beneficiary	Type	Dissemination level	Due Date (in months)
D1.1	Requirements from use cases	WP1	3 - NTUA	Report	Public	6
D1.2	Requirements from end-users	WP1	4 - EURECAT	Report	Public	6
D1.3	Requirements for innovation	WP1	10 - FIWARE	Report	Public	6
D1.4	Gap analysis and final requirements	WP1	10 - FIWARE	Report	Confidential	8
D2.1	Specification of system architecture for water consumption and quality monitoring	WP2	10 - FIWARE	Report	Public	12
D2.2	Extension of FIWARE ecosystem with Big- Data and AI frameworks	WP2	2 - EGLOBALMARK	Other	Public	18
D2.3	Extension of FIWARE for supporting water management and quality monitoring use- cases	WP2	4 - EURECAT	Report	Public	36
D3.1	FIWARE-enabled applications for Raw Water Supply	WP3	3 - NTUA	Demonstrator	Public	30
D3.2	FIWARE-enabled applications for Water Distribution	WP3	4 - EURECAT	Demonstrator	Public	30
D3.3	FIWARE-enabled applications for Waste Water Treatment	WP3	6 - KWR	Demonstrator	Public	30
D3.4	FIWARE-enabled applications for Customers	WP3	5 - UNEXE	Demonstrator	Public	30
D3.5	FIWARE-enabled Water Quality Sensors	WP3	8 - CNRS	Demonstrator	Public	30
D3.6	Lessons learned and recommendations to the EC for future FIWARE_ smart applications	WP3	4 - EURECAT	Report	Public	36
D4.1	FIWARE4_Raw water supply system real-time operational management	WP4	9 - EYDAP	Demonstrator	Confidential, only for members of the consortium (including the Commission services)	30

Deliverable Number ¹⁴	Deliverable Title	WP number ⁹	Lead beneficiary	Type	Dissemination level	Due Date (in months)
D4.2	FIWARE4_Leakage Management	WP4	12 - SUEZ SMART SOL	Demonstrator	Confidential, only for members of the consortium (including the Commission Services)	30
D4.3	FIWARE4_Water Quality Monitoring and Pollution Response	WP4	7 - DVGW	Demonstrator	Confidential, only for members of the consortium (including the Commission Services)	30
D4.4	FIWARE4_ Intelligent Control for Wastewater Treatment	WP4	11 - WATNL	Demonstrator	Confidential, only for members of the consortium (including the Commission Services)	30
D4.5	FIWARE4_ Smart Metering and Citizen Engagement	WP4	14 - SWW	Demonstrator	Confidential, only for members of the consortium (including the Commission Services)	30
D4.6	FIWARE4_Water Demonstrations: Performance, Insights and Lessons Learned - – a technical brief and recommendations	WP4	6 - KWR	Report	Public	36
D5.1	A Study of the current public perception digital water and other related innovations, and recommendations	WP5	4 - EURECAT	Report	Public	6
D5.2	The Fiware4Water City and Follower City Conference and Joint Declaration Of Intent signed	WP5	4 - EURECAT	Report	Public	24
D5.3	Report on the application of ConCensus	WP5	4 - EURECAT	Report	Public	30
D5.4	Fiware4Water Value proposition canvas	WP5	1 - OIEAU	Report	Confidential, only for members of the consortium (including the Commission services)	16

Deliverable Number	Deliverable Title	WP number	Lead beneficiary	Type	Dissemination level	Due Date (in months)
D5.5	Fiware4Water Business Model Canvas	WP5	1 - OIEAU	Report	Confidential, only for members of the consortium (including the Commission Services)	25
D5.6	The Fiware4Water Exploitation Plan	WP5	1 - OIEAU	Report	Confidential, only for members of the consortium (including the Commission Services)	36
D5.7	Synergies with the SC05-11-2018 cluster	WP5	5 - UNEXE	Report	Public	12
D5.8	Report on synergies with the SC05-11-2018 cluster	WP5	5 - UNEXE	Report	Public	36
D6.1	Fiware4Water communication and dissemination strategy towards a water smart society	WP6	1 - OIEAU	Report	Public	6
D6.2	Communication kit including a website, social media and leaflets	WP6	1 - OIEAU	Other	Public	5
D6.3	E-newsletter	WP6	1 - OIEAU	Other	Public	9, 18, 27
D6.4	Webinars and eLearning materials	WP6	1 - OIEAU	Other	Public	12, 24, 35
D6.5	Social Innovation factsheet	WP6	1 - OIEAU	Report	Public	12, 24, 34
D6.6	Fiware4Water challenges	WP6	10 - FIWARE	Other	Public	12, 24
D6.7	Fiware4Water dissemination and communication report	WP6	1 - OIEAU	Report	Public	12, 24, 36
D6.8	E-book	WP6	1 - OIEAU	Other	Public	28
D7.1	Info-pack for internal communication, with tools/procedures	WP7	1 - OIEAU	Report	Public	2
D7.2	Scientific Quality Assurance Plan	WP7	5 - UNEXE	Report	Public	3
D7.3	Data Management Plan	WP7	1 - OIEAU	ORDP: Open	Public	6

Annexe 2: Minutes of the WP6 monthly telco

Link and planning of WP6 telcos

The meetings will take place on: **SKYPE**

Dates of WP6 telcos
27/01/2020 at 10 am
17/02/2020 at 10 am
30/03/2020 at 10 am
20/04/2020 at 10 am
25/05/2020 at 10 am
29/06/2020 at 10 am

Table 5- Planning of WP6 telcos

Planning for partners to write 'news' articles from July to December 2020

Organisation	Partner's nb	Date 3rd article	Date 4th article
TWZ	7	06/07/2020	05/10/2020
NTUA	3	13/07/2020	12/10/2020
EUT	4	20/07/2020	19/10/2020
UNEXE	5	27/07/2020	26/10/2020
FF	10	03/08/2020	02/11/2020
CNRS	8	10/08/2020	09/11/2020
EYDAP	9	17/08/2020	16/11/2020
EGM	2	24/08/2020	23/11/2020
KWR	6	31/08/2020	30/11/2020
3S	13	07/09/2020	07/12/2020
BDG	14	14/09/2020	14/12/2020
WNT	12	21/09/2020	21/12/2020
SWW	15	28/09/2020	28/12/2020

Table 6-Planning for partners to write 'news' articles from July to December 2020

Key action points

Actions	Who	When	Status
WP6a21 update F4W poster	OIEau	Week 28	
WP6a20 Set the new planning for WP6 telcos	OIEau	Week 28	
WP6a19 Feedbacks for on line events	Exeter	Week 22	On going
WP6a18 SIF roadmap draft #1	OIEau	Week 21, postponed week 26	On going
WP6a17 Discuss directly with F4W experts for the newsletter	OIEau	Week 14	Done Via email / transcription
WP6a16 Circulate the demo case image to the leader	OIEau	Week 14	Done
WP6a13 Circulate the graph to present the partners skills to all the partners	OIEau	Week 14	Done
WP6a15 Check fiware4Water writing with FF	OIEau	Week 14	Done Feedbacks: Angeles
WP6a14 Finalise the newsletter#1 and the leaflet first, so the poster can be updated.	OIEau		Newsletter done Leaflet on going
WP6a13 Add Franck's presentation of F4W in Brussels last Wednesday at the BRIDGE event	OIEau	Week 10	Done
WP6a12 Send out the drafts 2 of the Newsletter and Leaflet for partners to comment	OIEau	Week 7-8	Done
WP6a11 Angeles sends to all F4W partners and call for contribution for the IFAT event	FF	Week 6	Done
WP6a10 Partners comments draft n°2 (newsletter, leaflet)	WP6 comm contact	Wednesday 03/03	Done
WP6a9 Send out the draft 2 of the Newsletter Leaflet for partners to comment	Natacha to WP6	Latest Thursday 20/02	Done
WP6a8 Angeles sends to all F4W partners a call for contribution for the IFAT event	Angeles	Week 9	Done
WP6a7 Preparation of the newsletter: validation of the draft content	Partners	week 7-8	Done
WP6a6 Development of the leaflet	Natacha + partners for validation	week 6	Done
WP6a5 Support in the organisation of the Follower conference cities in Central and Eastern Europe	Ciprian, Natacha	Start: week 6	Done

WP6a4 send reminders to partners to fill in questionnaires on F4W events and external events and on their communication and dissemination activities	Natacha	week 6	Done
WP6a3: Discuss the WP6 working process and FF support 31	C&D workforce	Next telco (16/12/19)	Done
WP6a2: Contact partners to start working on the targeted audiences leaflet 31	Natacha	Week 50	Done
WP6a1: Add a paragraph on the working process in the C&D strategy 31	Natacha	Week 49	done

Decisions

Decisions	Who	When
WP6d2: Social Innovation Factsheet: initially planned for M12, 24, 24. Due to the COVID-19 impact, and to deliver proper SIF, the first one will be replaced by a roadmap (M17), then SIF#2 will focus on WP1, WP2 outcomes and SIF#3 on WP5 ConCensus	WP6	20/04/20
WP6d1: we need two versions for the leaflet - One addressed to technical (water) stakeholders to understand F4W (what are the values of FIWARE) - One addressed to the end users (local politician, national/regional local stakeholders (based on the quadruple helix): lead Richard Elelman (Eurecat)	WP6 contact communication	31/03/20

Telco n°8: Monday 29 June 2020

Participants: Alberto Abella (FF) Manon Miau (OIEau), Panagiotis Kossieris (NTUA) Ciprian Nanu (BDG) Angeles Tejado (FF), Lydia Vamvakieridou-Lyroudia (Waternet) **Chair:** Natacha Amorsi (OIEau)

Agenda: (i) Review of the action points (ii) F4W social networks activities (iii) D6.4 Webinars and eLearning materials / D6.7 Communication report updates (iv) Discuss action plan for events from September (i.e. FIWARE specific Domain Days – virtual, specific technical webinars, FIWARE4Water Smart Data Models, architecture) (v) Update of activities with DW2020 / Participation to the Digital Around the World is a 24 Hours online event (vi) AOB: set the new planning for WP6 telcos, Preparation of PPT for the virtual AG with Angeles

Key points

(i) Review of the action points

WP6a14 Finalise the newsletter#1 and the leaflet first, so the poster can be updated. Newsletter sent while ago. Concerning the leaflet, the designer has passed on the final version. In the meantime, some changes have occurred (DW2020). OIEau will update the text and circulate it to the WP6 comm group.

WP6a18 SIF roadmap draft #1: on its way, the draft version will be circulated before the 12/07

WP6a19 Feedbacks for on line events: according to Lydia, the task is moving on. Considering the COVID and now the summer break, the event should take place in September

(iii) D6.4 Webinars and eLearning materials / D6.7 Communication report updates

The final version will be sent to Lydia before being reported to the Commission

(iv) Discuss action plan for events from September (i.e. FIWARE specific Domain Days – virtual, specific technical webinars, FIWARE4Water Smart Data Models, architecture):

Angeles explained the forthcoming on line events and potential F2F

- Water day (second week of September) business oriented, 2,5h
- FF Wednesday (09/09/20) water management using FF services
- Promotion of the F4W challenges (December 2020)
- Water day the Malaga event (F2F, 30 September)

Angeles sends an email (today) to Lydia to detail needs, expectations, how to mobilise F4W technical expertise for these events and also to engage DW2020 (30/06/20)

(v) Update of activities with DW2020 / Participation to the Digital Around the World is a 24 Hours online event

- DW2020 in terms of communication: poster; participation at the ICT4Water cluster AG, article in FF booklet (<https://www.fiware.org/wp-content/uploads/2020/06/Version-4.0-Fighting-Climate-Change-With-FIWARE.pdf>)
- Not willing to participate to Digital Around the World, expensive, no promotion, no website, no agenda. OIEau will set the project position to the organiser (email from Sonia)

(vi) AOB

- Next WP6 telco: 31/08, in the meantime partners will use skypes for the organisation of the event, then back to monthly telcos

Telco n°7: Monday 25 May 2020

Participants: **Chair:** Natacha Amorsi (OIEau)

Agenda: (i) F4W social networks activities (ii) Feedbacks on the leaflet (iii) Launch of D6.5: Social Innovation Factsheet (iv) AOB

Key points

(i) F4W social networks activities

- Constant progression but clearly related to the inputs provided to inform on the progress and F4W activities

(ii) Feedbacks on the leaflet

- In the hands of the designer, on going

(iii) Launch of D6.5: Social Innovation Factsheet

- On going. The second SIF will be related to the implementation of the ConCensus approach. Exeter and Richard are in contact with the local stakeholders to start the meetings that will be virtual.

(iv) AOB

- Angeles presented the FF forthcoming on line & F2F meetings for September
- The launch of the challenges is planned for January next year.

Telco n°6: Monday 20 April 2020

Participants: Kate Baker (Exeter), Albert Chen (Exeter), Richard Elelman (EUT), Manon Miao (OIEau), Angeles Tejado (FF), Lydia Vamvakieridou-Lyroudia (Waternet) **Chair:** Natacha Amorsi (OIEau)

Agenda: (i) Feedbacks on the leaflet (ii) Presentation of F4W social networks activities (iii) Launch of D6.5: Social Innovation Factsheet (iv) AOB

Key points

(i) Feedbacks on the leaflet

- The leaflet is under professional graphic development

(ii) Presentation of F4W social networks activities

- Both our twitter and linked accounts are in steady growth. But the success relies (in addition to OIEau publications) on partners' active role to like, comment, forward.
- Articles written by partners are highly important to provide updated news on the progress of the project

(iii) Launch of D6.5: Social Innovation Factsheet

- WP5 and WP6 need to go into the same direction, as far as social innovation goes. Due to COVID related lockdown, an alignment of the goals and a delay of 6 months should be considered.
- Presentation of the Social Innovation Factsheet: four dimensions of innovation (Technological, Capacity development, Governance, Business roadmap) to present F4W outcomes. Three SIFs

are planned at M12, 24 and 34; End of May is too soon to deliver a proper SIF. At M17 (taken into account the delay due to the impact of COVID-19) a roadmap for the SIFs will be delivered corresponding to SIF#1, then two SIFs will be produced at M24 (SIF#2) and M34 (SIF#2). The roadmap aims at explaining what is needed for the SIFs, its ambition and steps of creation.

- SIF#1 will concentrate on WP1 and WP2. We need to start thinking on which outcomes we want to promote in the SIF.
- SIF#2 will highlight the social dimensions and focuses on WP5.
- Interesting link between the SIFs and WP5 activities: application of the ConCensus, direct contact with customers. It will provide the socio-political perspective but we need a planning process to gather the information, provide solutions and look on the impact on society.
 - o On line events could be organised (SWW demo case targeting the social-political stakeholders and municipalities). The first one to promote the ConCensus; the second one to start the co-creation with volunteers.
 - o To get people engaged (people engagement event, panel discussion, someone popular to get people interested), we need Great Torrington council to say yes before organising the meeting, next month should be feasible to get the yes, then advertising and organising would need a few months.
 - o In parallel, the same approach could be deployed in Eastern Europe.

(iv) AOB

- **SMEs challenges:** It's just a question of timing, from the marketing side a very clear view on the evolution of technologies and the initial planning is required. It has been decided that more time is needed and the first challenge will be postponed in a year time.
- We need to get ready for the **D6.7:** Fiware4Water dissemination and communication report 'due to M12, 24 and 36). OIEau will launch a second on-line survey (end of next May) addressed to all the partners to collect the information.

Telco n°5 : Tuesday 31 March 2020

Participants: Kate Baker (Exeter), Albert Chen (Exeter), Richard Elelman (EUT), Ciprian Nanu (BDG), Manon Miau (OIEau), Lydia Vamvakieridou-Lyroudia (Waternet), Philippe Seguin (EGM) **Chair:** Natacha Amorsi (OIEau)

Agenda: (i) Update on the social media (ii) Discussion on the leaflet (iii) Miscellaneous

Key points

(i) Update on the social media

- The progression of members on LinkedIn is slow and better on Twitter
- Reminder: we need partners to like, share F4W posts and communicate on their own networks to support F4W communication on social media

(ii) Discussion on the version 2 of the leaflet

- Too many technical details, good for the professional but least for the non-expert audience
- Target: our networks (i.e. Eastern Europe), water managers, deputy mayors
- Repeat the success story of FIWARE (big program to support innovation and engage SMEs, not in technical terms.) / remind that it is possible to keep their investment working with their legacy platform-data / converge to a core system (add modules) work force evaluation based on the existing - vision at the end is to innovation

- The text needs to be shorten
- Think about other formats to communicate such as video (i.e. <https://www.youtube.com/watch?v=znbfIHioIfQ>)
- **Decision:** we need two versions of the leaflet
 - o One addressed to technical (water) stakeholders to understand F4W (what are the values of FIWARE)
 - o One addressed to the end users (local politician, national/regional local stakeholders (based on the quadruple helix): lead Richard Elelman (Eurecat).
 - o *the private side should be addressed in another document*

Discuss directly with F4W experts

Circulate the demo case image to the leaders

Circulate the graph to present the partners skills to all the partners

Check fiware4Water spelling with FF

Telco n°4: Monday 17 February 2020

Participants: Stéphane Deveughele (3S), Ciprian Nanu (BDG), Lydia Vamvakieridou-Lyroudia (Waternet), Alex Van Den Helm (Waternet), Philippe Seguin (EGM), Vasiliki Polychniatou (EYDAP)

Chair: Natacha Amorsi (OIEau)

Agenda: (i) presentation of the draft newsletter (ii) presentation of the draft leaflet (iii) Miscellaneous

Key points

- The e-newsletter deadline is the end of February 2020. The aim is to deposit a document including some explanations on the structure, planning of the 3 newsletters that will be issued over the course of the project.
- The release of the e-newsletter#1 is planned around the 13 of March.
- The newsletter #1, leaflet, Poster should be aligned and revisited in order to focus on:
 - o what is Fiware: materials from FF, adapt the picture with water
 - o what is F4W : picture 2 (p10) should be envisaged
 - o where F4W sets into the water system (domain)
- The newsletter #1 will then focus on
 - o Update on the South West Water demo case (article received from SWW)
 - o Feedback on the collaboration with EPANet (article received from SWW)
 - o Want to learn more, look at the first series of Fiware4Water webinars
 - o Save the date: meet at the FIWARE summit
 - o Liaison activities
 - o How to get involved?
- Later on interviews should be envisaged for the newsletter (which is already planned as described in a the strategy of communication)
- Events: IFAT will take place on the 5/6 May In Much, FF will be there and would like invite F4W partners to be part of one of their own event.

Action points

*Finalise the newsletter#1 and the leaflet first, so the poster can be updated.
Add Franck's presentation of F4W in Brussels last Wednesday at the BRIDGE event
Send out the drafts 2 of the Newsletter and Leaflet for partners to comment
Angeles sends to all F4W partners and call for contribution for the IFAT event*

Telco n°3: Monday 27 January 2020

Agenda: (i) Launch of 2020 (ii) Feedbacks on the survey and the leaflet(s) (iii) Preparation of the newsletter (M9) (iv) Miscellaneous

Participants: Ciprian Nanu (BDG) **Chair:** Natacha Amorsi (OIEau)

Keypoints :

- Feedbacks on the surveys: not all the partners have filled in them; Natacha will send reminders.
- Ciprian has updated the file on Freedcamp with the next Central & Eastern European annually conference for water utilities on Danube River. This event is considered to organise the Follower conference cities in Central and Eastern Europe (MS9, M12) in Banja Luka (Bosnia) on the 27-29 April 2020. Further discussion will take place with Sonia first and other WP6 partners to support the organisation.
- The text for the leaflet will be circulate this week for partners to validate the content before it is passed to the graphic designer
- The first F4W newsletter is due end of February. A draft version of the content will be circulated to WP6 partner during week 7.

Telco n°2: Thursday 19 December 2019

Agenda: (i) feedbacks on the strategy (from FF) (ii) how to set a win-win process with partners for the C&D activities (what can be done in addition to the dashboards approach?) (iii) Discuss the leaflets tailored to users/SMEs/utilities/academia.

Participants: Angeles Tejado (FF), Albert Chen (Unexe) **Chair:** Natacha Amorsi (OIEau)

Keypoints :

Quick reminder of the dashboards

- Planning to write article (it has been updated)
- On-line survey to report on past C&D activities
- Xls doc to report on past and forthcoming internal and external events

(i) How to 'join forces' social media?

- Social media, join forces (admin rights to invite personal contacts)
- FF group could be used to discuss on water/ promote F4W page on their own page
- Unexe LinkedIn page to share F4W
- Need a central point to inform on the project (Natacha). Main issue: the content has to be well prepared before passing it on to the partners community manager

All the articles written by partners and OIEau are available on Freedcamp in WP6 folder/social media: F4W WP6 News articles.docx

Planning for partners to write articles		
12/12/19 - OIEau		
Until June 2020		
Organisation	Date of the first article per organisation	Date of the 2d article
TWZ	10/12/2019	31/03/2020
NTUA	17/12/2019	07/04/2020
EUT	07/01/2020	14/04/2020
UNEXE	14/01/2020	21/04/2020
FF	21/01/2020	14/07/2020
CNRS	04/02/2020	28/04/2020
EYDAP	11/02/2020	05/05/2020
EGM	18/02/2020	12/05/2020
KWR	25/02/2020	19/05/2020
3S	03/03/2020	26/05/2020
BDG	10/03/2020	02/06/2020
WNT	17/03/2020	09/06/2020
SWW	24/03/2020	16/06/2020
OIEau	every week from the 03/12/19	

Table 7- Updated planning for partners to write 'news' articles from December 2019 to June 2020

(ii) Miscellaneous

- Angela shared file:
<https://docs.google.com/spreadsheets/d/1EUmEoFbPsYQ8CdrJYneSHoY3djQCSHfj32hXZsSg9LI/edit?usp=sharing>
 IFAT (in Munich): not confirmed FF will probably run one day. Idea all the water partners to present with IFAT / 3 days including micro events

(iii) Discuss the leaflets tailored to users/SMEs/utilities/academia.

The process will start once the general leaflet is ready (early January).

Telco n°1: Thursday 5 december 2019

Agenda: The meeting aimed at presenting and discussing the three F4W dashboards to implement active C&D and monitor the efforts delivered by the partners as well as F4W C&D strategy.

Participants: Ciprian Nanu (BDG), Philippe Cousin (EGM)

Chair: Natacha Amorsi (OIEau)

F4W C&D Strategy

- The strategy should provide more insights on the top down approach to clearly target the different audiences, promote F4W, the context and the objectives of communication activities. Ex: monitor the external events is one step (bottom up). But it is important for partners to understand what types of events should be identified, the profiles of the participants and the reasons why F4W partners should participate.
- Related communication materials: we need dedicated leaflets to target specific audiences to explain what is F4W and its expected outcomes in a tailored manner.
 SMEs openness interface (work with FF) /Users (work with Richard for the citizen dimension) / scientific communities (work with Lydia), ex: liaison with project such as aqua3s to not reinvent the wheel kind of educate the scientific community on F4W outcomes) / utilities (see with EYDAP, Waternet, Suez, SWW)

Add a paragraph on the working process in the C&D strategy

Contact partners to start working on the targeted audiences leaflet

- Implement an active networking process with for example the EIP water (next year might be their last one) / Water Europe / the Commission / cluster ICT4water /sister projects
- (SME challenges)
- Need to create a working process among partners (including the liaison and networking)
- benefit from FF communication strategy and establish a roadmap with FF (for the SMEs challenge and beyond with the general F4W C&D and their innovation Hub actions) to be discussed with Angeles

Discuss the WP6 working process, liaison activities and FF support

F4W events and external events.xlsx: To monitor forthcoming events and report on the past ones. The xls will be sent every two months to all the partners and remains available for free access on Freedcamp to be filled at any time.

F4W planning to write article for social media and website.xlsx: aims at gathering on a regular basis articles from partners to implement a dynamic C&D on our social media and website. (OIEau on its side will write one article per week). This planning has been created according to F4W Gantt. It is complementary and does not replace the permanent partners' use of Twitter and LinkedIn to promote their F4W activities (size of the article between 1200 and 2400 characters all included).

Planning for partners to write articles			
28/11/19 - OIEau			
Until June 2020			
Organisation	Partners'n°	Date of the first article per organisation	Date of the 2d article
TWZ	7	10/12/2019	24/03/2020
NTUA	3	17/12/2019	31/03/2020
EUT	4	07/01/2020	01/04/2020
UNEXE	5	14/01/2020	07/04/2020
CNRS	8	04/02/2020	21/04/2020
EYDAP	9	11/02/2020	28/04/2020
EGM	2	18/02/2020	05/05/2020
KWR	6	25/02/2020	12/05/2020
3S	13	03/03/2020	19/05/2020
BDG	14	10/03/2020	26/05/2020
WNT	12	10/03/2020	02/06/2020
SWW	15	17/03/2020	09/06/2020
FF	10	21/01/2020	14/07/2020
OIEau	1 every week from the 03/12/19		



F4W-Survey to report on communication and dissemination activities.docx. The survey will be sent to all the partners every three months to report on the C&D activities.

Annex 3: Articles published during year 1 of the project

FF Booklet news

Website: Demo Case #4	24/06/20
<p>The 4th edition of the "Fighting Climate Change with FIWARE" booklet is out! Climate change and its impact on our environment are nowadays highly worrying subjects that require concrete and adapted actions in order to build the world of tomorrow, where human actions could be in harmony with the environment. Read more : http://ow.ly/YqsL50Aghlu</p>	
Published 25/06/20	Twitter:
<p>#ClimateChange issues require concrete and adapted actions in order to build the world of tomorrow 🌍 You haven't read the #FIWARE Booklet yet? 📖👉 Read it now: http://ow.ly/YqsL50Aghlu</p>	
Published 25/06/20	LinkedIn:
<p>#ClimateChange issues require concrete and adapted actions in order to build the world of tomorrow 🌍 You haven't read the #FIWARE Booklet yet? 📖👉 Read it now: http://ow.ly/YqsL50Aghlu</p>	



Demo Case Update SWW

Website: Demo Case #4	18/06/20
<p>Fiware4Water kicked off in June '19 with a general assembly of the consortium in Brussels which included partners from 14 different institutions across Europe. South West Water (SWW) were one of four demo cases ready to test the FIWARE technology. Read more : http://ow.ly/qdcR50AbkpG</p>	
Published 22/06/20	Twitter:
<p> News from #F4W Demo Cases ! Learn more about the #Democase 4 conducted by @SouthWestWater to create a #FIWARE compatible pipeline to retrieve consumption data from #smartmeters and deliver this data to #customers via a smart phone application 📱 Read More : http://ow.ly/qdcR50AbkpG</p>	
Published 22/06/20	LinkedIn:
<p> News from #F4W Demo Cases ! Learn more about the #Democase 4 conducted by @SouthWestWater to create a #FIWARE compatible pipeline to retrieve consumption data from #smartmeters and deliver this data to #customers via a smart phone application 📱 Read More : http://ow.ly/qdcR50AbkpG</p>	



Desertification and Drought day

Published 17/06/20	Twitter:
<p>🌞📅🌱 Today is the World Day to Combat Desertification and Drought #DesertificationAndDroughtDay, under the slogan "Food.Feed.Fibre." seeks to #educate individuals on how to reduce their personal impact Learn More: #FoodFeedFibre #Sustainability #Nature</p>	
Published 17/06/20	LinkedIn:
<p>🌞📅🌱 Today is the World Day to Combat Desertification and Drought #DesertificationAndDroughtDay, under the slogan "Food.Feed.Fibre." seeks to #educate individuals on how to reduce their personal impact Learn More: #FoodFeedFibre #Sustainability #Nature</p>	



FIWARE Booklet

Published 16/06/20	Twitter:
 The 4th edition of the "Fighting Climate Change with FIWARE" #booklet is out ! 🗣️ This edition contains an article from the Synergy Group #DigitalWater2020 including #F4W ; @aqua3seu ; @digitalwater_eu ; @naiadesproject and @SCOREwaterEU 📖 Read now: http://ow.ly/zQhf50A8N6x	
Published 16/06/20	LinkedIn:
 The 4th edition of the "Fighting Climate Change with FIWARE" #booklet from #FIWARE is now available ! 🗣️ It features over 30 'off-the-shelf' disruptive solutions from #FIWARECommunity members, with an article from the Synergy Group #DigitalWater2020 including #Fiware4Water ; aqua3S ; digital-water.city ; #NAIADES and SCOREwaterEU 📖 Read the booklet here : http://ow.ly/zQhf50A8N6x	







Demo Case Update WTN

Website: Demo Case #3	10/06/20
<p>Despite the measures which are taken due to the current corona pandemic, considerable progress has been made. At April 15-16 Waternet, KWR, Eurecat and NTUA had a joined online working session on applications of Artificial Intelligence in wastewater treatment.</p> <p>Read more: http://ow.ly/8aHi50A3Txj</p>	
Published 11/06/20	Twitter:
 News from #F4W Demo Cases ! Despite the measures which are taken due to the current #CoronaPandemic , considerable progress has been made in the #DemoCase n°3 led by @Waternet 🗣️ Read more on the @Fiware4Water website : http://ow.ly/8aHi50A3Txj	
Published 11/06/20	LinkedIn:
 News from #F4W Demo Cases ! Despite the measures which are taken due to the current #CoronaPandemic , considerable progress has been made in the #DemoCase n°3 led by Waternet 🗣️ Read more on the #Fiware4Water website : http://ow.ly/8aHi50A3Txj	







Innovation potential EGM

Website: Innovation potential	05/06/20
<p>ConCensus implementation on his way to DANUBE countriesThe local structural programmes financed by European Commission for adapting the services of water utilities in Eastern Europe to improved accessibility at water sources and connection with sewage networks, are considered a key priority for all governments of countries situated along the Lower Danube river basin.Read more: http://ow.ly/XknA50A1oT2</p>	
Published 08/06/20	Twitter:
 News from #F4W Demo Network ! The F4W project proposes a new innovative approach to the current water challenges in the Danube region. Read now @BDGROUPE 's article on the ongoing implementation of the #Consensus in #Danube countries. 📖 http://ow.ly/XknA50A1oT2	
Published 08/06/20	LinkedIn:
 News from #F4W Demo Network ! The F4W project proposes a new innovative approach to the current water challenges in the Danube region. Read now Business Development Group Romania 's article on the ongoing implementation of the #Consensus in #Danube countries. 📖 http://ow.ly/XknA50A1oT2	







Innovation potential EGM

Website: Innovation potential	27/05/20
FIWARE, was born as an EU flagship program from the Future Internet Public Private Partnership (FI-PPP) in the 2010's. FIWARE set up a complex landscape that helped to drive innovation and in particular engaged +1000 SMEs to boost new ideas. Read more: http://ow.ly/1agM50zRceS	
Published 04/06/20	Twitter:
  #FIWARE set up a complex landscape that helped to drive #innovation . One main aim of #F4W is to bring this successful context and these successes in the #watersector .  Read now @eglobalmark 's article about FIWARE's interest in water innovation : http://ow.ly/1agM50zRceS	
Published 04/06/20	LinkedIn:
  #FIWARE set up a complex landscape that helped to drive #innovation . One main aim of #Fiware4Water is to bring this successful context and these successes in the #watersector .  Read now Easy Global Market 's article about FIWARE's interest in #waterinnovation : http://ow.ly/1agM50zRceS	



Demo Case update 3S

Website: Demo Case #2	27/05/20
The Fiware4Water project is one of the three Horizon 2020 European projects for research and innovation in which SUEZ Smart solutions is involved. Its ambition is to create a collaborative and open digital platform, aimed at promoting and simplifying the exchange of data between the various water stakeholders. Read More: http://ow.ly/7Ai650zRckd	
Published 02/06/20	Twitter:
  News from F4W Demo cases ! #F4W project showcases 4 pilot sites. The French pilot site is run by SUEZ Smart Solutions Limited and aims to Improve the Water Supply System of #SICASIL located in the Cannes basin, #France .  Learn more about that #DemoCase : http://ow.ly/7Ai650zRckd	
Published 02/06/20	LinkedIn:
  News from F4W Demo cases ! #F4W project showcases 4 pilot sites. The French pilot site is currently run by SUEZ Smart Solutions Limited and aims to Improve the Water Supply System of #SICASIL located in the Cannes basin, #France .  Learn more about that #DemoCase : http://ow.ly/7Ai650zRckd	







Poster DW2020

Website: Latest News	26/05/20
Publication of DW2020 on the website → http://ow.ly/WrrR50zQe2I	
Published 28/05/20	Twitter:
  The Synergy Group #DigitalWater2020 has been created involving 5 different projects, @aqua3seu ; @digitalwater_eu ; @naiadesproject ; #FIWARE4Water and @SCOREwaterEU  Check out the DigitalWater2020 poster : http://ow.ly/zITn50zQdPZ #H2020 #digitalwater #EUprojects	
Published 28/05/20	LinkedIn:
  The Synergy Group #DigitalWater2020 has been created involving 5 different #projects , aqua3S ; digital-water.city ; #NAIADES ; #FIWARE4Water and SCOREwaterEU  Check out the DigitalWater2020 poster : http://ow.ly/WrrR50zQe2I #Digitalwater #Projects #H2020	


Name announcement DW2020

Published 22/05/20	Twitter:
During its last meeting, the initial SC05-11-2018 "sister" projects" has chosen its new name. It becomes Synergy Group DigitalWater2020. More info will soon follow such as the common participation at the next @ict4water_eu general assembly ! #Cluster #Digitalwater	
Published 22/05/20	LinkedIn:
 During its last meeting, the initial SC05-11-2018 "sister" projects" has chosen its new name. It becomes Synergy Group DigitalWater2020.  More info will soon follow such as the common participation at the next #ICT4WaterCluster general assembly ! #Cluster #Digitalwater	

Synergy group DigitalWater2020

Website: Latest News	21/05/20
As part of the European commission H2020 program, Fiware4Water is linked with 4 other projects dealing with digital water: Aqua3S , Digital Water City , NAIADES and SCORE Water . These 5 projects are gathered in one synergy group DigitalWater2020 . The main goal of linking all these projects is to ensure synergies and complementarities in terms of development, research, communication and outreach. Read More : http://ow.ly/LzBD50zPaFa	
Published 26/05/20	Twitter:
 As part of the European commission #H2020 program, #Fiware4Water is linked with 4 other #projects dealing with #digitalwater  @aqua3seu ; @digitalwater_eu ; @naiadesproject and @SCOREwaterEU  Read more on #F4W website : http://ow.ly/LzBD50zPaFa	
Published 26/05/20	LinkedIn:
 As part of the European commission #H2020 program, #Fiware4Water is linked with 4 other #projects dealing with #digitalwater  aqua3S ; digital-water.city ; Naiades and SCOREwaterEU  Read more on #F4W website : http://ow.ly/tr8V50zPaW0	

EMWIS Article

Website: Latest News	20/05/20
The Euro-Mediterranean Information System on know-how in the Water sector (EMWIS) has been created following the Euro-Mediterranean Ministerial Conference on Local Water Management in Marseilles (November 1996). This initiative aims to improve regional cooperation, in particular by making available information on Integrated Water Resource Management in all the partners' countries. Read More : http://ow.ly/J4qN50zLiY6	
Published 21/05/20	Twitter:
 Check out our new article about @UT_SEMIDE on #FIWARE4Water website: http://ow.ly/J4qN50zLiY6 #FIWARE4Water #Newsletter #SEMIDE #EMWIS	

Demo Case Update EYDAP

Website: Demo Case #1	12/05/20
Athens Water Supply and Sewerage company (EYDAP), is currently working on the APIs (Application Programming Interface) and sensors deployment in the context of WPs 2, 3 and 4. After the completion of three productive workshops with NTUA, the key functionalities and requirements of the newly developed FIWARE applications have been identified including Read More : http://ow.ly/fNDI50zDYsa	
Published 13/05/20	Twitter:

NEW ● News from F4W Demo cases ! [@eydapgr](#) is currently working on the APIs and sensors deployment. After the completion of 3 workshops with [@ntua](#), the key functionalities of the [#FIWARE](#) applications have been identified. 📄 Full article: <http://ow.ly/fNDI50zDYsa>

Published 13/05/20

LinkedIn:

NEW ● News from F4W Demo cases ! [EYDAP](#) is currently working on the APIs (Application Programming Interface) and sensors deployment within the [#FIWARE4Water](#) project. After the completion of 3 productive [#workshops](#) with [NTUA](#) the key functionalities and requirements of the newly developed [#FIWARE](#) applications have been identified. 📄 Full article: <http://ow.ly/fNDI50zDYsa>

News FF

Website: Latest News

07/05/20

Smart Data Models for an efficient and safe Fresh Water Distribution. Water is one of our most precious natural resources. It is at the very heart of our daily activities and a key element for global well-being and sustainable economic growth. The growing scarcity of freshwater along with rising demands due to factors such as drought, overuse, leaking pipes, and climate change have become major risks for global sustainable development. Read More : <http://ow.ly/bjtt50zCmdX>

Published 11/05/20

Twitter :

NEW [#F4W](#) is contributing to the [#digitization](#) of the water sector by providing an open standards-based architecture powered by [@FIWARE](#) [#FIWARE](#) is currently working on the Smart Data Models, an open initiative for data model standardization. 📄 Read more : <http://ow.ly/bjtt50zCmdX>

Published 11/05/20

LinkedIn:

NEW [#F4W](#) is contributing to the [#digitization](#) of the water sector by providing an open standards-based architecture powered by [@FIWARE](#) [#FIWARE](#) is currently working on the Smart Data Models, an open initiative for data model standardization. 📄 Read more : <http://ow.ly/bjtt50zCmdX>

Europe Day

Published 09/05/20

LinkedIn:

Today we celebrate Europe Day ! 🇪🇺 This year marks the 70th anniversary of the [#Schuman](#) Declaration. In this very particular time period we are currently living, peace and unity are even more important. [#HappyEuropeDay](#) ! 🗣️ [#EuropeDay](#) [#70Schuman](#) [#Europe](#)

Published 09/05/20

Twitter:

Today we celebrate Europe Day ! 🇪🇺 This year marks the 70th anniversary of the [#Schuman](#) Declaration. In this very particular time period we are currently living, peace and unity are even more important. [#HappyEuropeDay](#) ! 🗣️ [#EuropeDay](#) [#70Schuman](#) [#Europe](#)

Demo Case Update NTUA

Website: Demo Case #1

06/05/20

The National Technical University of Athens (NTUA) and the Athens Water Supply and Sewerage Company (EYDAP S.A.) are working closely in the framework of EU H2020 Fiware4Water project aiming at the upgrade of real-time operational management of the external raw-water supply system that serves the city of Athens, Greece (5.000.000 inhabitants). Towards this, two FIWARE-compliant web platforms will be built covering the quantitative and qualitative aspect of the raw-water conveyance system. Read More : <http://ow.ly/JlmB50zytKS>

Published 07/05/20

Twitter:

NEW ● News from F4W Demo cases ! [@ntua](#) and [@eydapgr](#) are working closely in the [#FIWARE4Water](#) project aiming at the upgrade of real-time operational management of the external raw-water supply system that serves the city of Athens. 📄 Full article: <http://ow.ly/s58x50zytj8>

Published 07/05/20

LinkedIn:

NEW ● News from F4W Demo cases ! [NTUA](#) and [EYDAP](#) are working closely in the [#FIWARE4Water](#) project aiming at the upgrade of real-time operational management of the external raw-water supply system that serves the city of [#Athens](#). Towards this, two FIWARE-compliant web platforms will be built covering the quantitative and qualitative aspect of the [#raw-water](#) conveyance system. 📄 Full article: <http://ow.ly/JlmB50zytKs>

ICT4Water Cluster Actor Awareness action group

Website: Latest News

05/05/20

Focus on The ICT4Water Cluster “Actor Awareness” Action Group

The ICT4Water cluster is a hub for EU-funded research and innovation projects dealing with ICT applied to water management. The cluster main mission is to promote and support projects addressing water challenges by using digital solutions. The cluster brings approximately 50 projects and support them to (i) Exchange information and best practices, (ii) Disseminate and exploit project outputs, (iii) Contribute to defining digital water strategies, (iv) Contribute to policy development in digital and water domain. Read More : <http://ow.ly/kkqA50zxif1>

Published 05/05/20

Twitter:

🔊 The [@ict4water_eu](#) Actor Awareness Action Group aims to define, develop and promote new [#digitalwater](#) skills, raise awareness for [#wateractors](#) and progress in digital water consumer [#awareness](#). 📄 Learn more about their approach on [#F4W](#) website : <http://ow.ly/kkqA50zxif1>

Published 05/05/20

LinkedIn:

🔊 The [#ICT4WaterCluster](#) Actor Awareness Action Group aims to define, develop and promote new [#digitalwater](#) skills, raise awareness for [#wateractors](#) and progress in digital water consumers awareness. They are currently identifying solutions and stakeholders in order to create a strong community around digital [#watersector](#). ● 📄 Learn more about their approach on [#F4W](#) website : <http://ow.ly/5Bf850zxioT>

Event Wise Webinars

Website: Latest News

30/04/20

Save the date: Wise Alliance Webinar

The Wise Alliance organises two webinars on the main subject of Wise protocol and products, one in English on May 6 and another one in French on June 16. Read More : <http://ow.ly/BCzT50zsDHo>

Published 30/04/20

Twitter:

📄🔊 Save the date: Wise Alliance [#webinar](#) The Wise Alliance organises two [#webinars](#) “Wise protocol and products: a technical brief” 📄 May 6th at 3 p.m. (GMT+2) in English 📄 June 16th at 10 a.m. (GMT+2) in French Read more about the event: <http://ow.ly/BCzT50zsDHo>

Published 30/04/20

LinkedIn:

📄🔊 Save the date: [#Wise](#) Alliance [#webinar](#) The [#WiseAlliance](#) organises two [#webinars](#) “Wise protocol and products: a technical brief” 📄 May 6th at 3 p.m. (GMT+2) in English Subscribe here: <http://ow.ly/rfyx50zqPd5> 📄 June 16th at 10 a.m. (GMT+2) in French Subscribe here: <http://ow.ly/FWq250zqPff> The webinars will last approximately 2 hours, 1h30 of presentation and 30 min of Q&A. These webinars are open to everyone. Learn more about the event: <http://ow.ly/BCzT50zsDHo>

Modification IFAT event

Website: Latest News	23/04/20
<p>IFAT 2020 cancelled due to Coronavirus</p> <p>Due to the COVID-19 pandemic, the IFAT 2020 has been cancelled and the next IFAT will take place in 2022. A survey among the IFAT exhibitors conducted by Messe München revealed that most respondents are against holding IFAT from September 7 to 11, 2020. In order to provide an optimal experience for both exhibitors and visitors, it has been decided by the organizers to cancel IFAT 2020. Read More : https://www.fiware4water.eu/news/ifat-2020-cancelled-due-coronavirus</p>	
Published 23/04/20	Twitter:
Retweet of the IFAT post	

News Article UNEXE 2

Website: Latest News	17/04/20
<p>Co-development of a smart water application</p> <p>The Centre for Water Systems (CWS) at the University of Exeter and the South West Water (SWW) are working closely in the EU H2020 Fiware4Water project to explore opportunities for future digital water solutions. Read More : http://ow.ly/fZjC50ziYWh</p>	
Published 27/04/20	LinkedIn:
<p>📄 As part of the #Fiware4Water project, the Centre for Water Systems at the University of Exeter and South West Water are working closely to create a smart water application. This #digitalwater solution will help to empower SWW's customers towards #waterefficiency and reducing bills, but also raise awareness in their daily water consumption. 📄 Read more : http://ow.ly/fZjC50ziYWh</p>	
Published 27/04/20	Twitter:
<p>📄 In order to help customers with their daily water consumption, the Centre for Water Systems (@Water_UofExeter) and @SouthWestWater are working closely to create a smart water application. 📄 Read more : http://ow.ly/fZjC50ziYWh</p>	

DemoNetwork BDG

Website: Demo Network #1 Latest Update	16/04/20
<p>As part of project assessment of user requirements, different stakeholder categories in different national contexts were inquired as regards the public perception on digitization, accessibility of water services and customer satisfaction for the current business-as-usual model. Project partner Business Development Group, conducted the survey in the Danube region (Romania, Hungary, Bulgaria, Serbia, Moldova) during autumn 2019. Read more : http://ow.ly/sK0m50zgKH4</p>	
Published 22/04/20	LinkedIn:
<p>📄 Project partner @BDGROUPO conducted a survey in the Danube region (Romania, Hungary, Bulgaria, Serbia, Moldova) during autumn 2019 that revealed different stages of digitization of the water services along with significant fragmentation of the sector. 📄 Read more : http://ow.ly/sK0m50zgKH4</p>	
Published 22/04/20	Twitter:
<p>📄 Project partner @BDGROUPO conducted a survey in the Danube region (Romania, Hungary, Bulgaria, Serbia, Moldova) during autumn 2019 that revealed different stages of digitization of the water services along with significant fragmentation of the sector. 📄 Read more : http://ow.ly/sK0m50zgKH4</p>	

News article COVID

Website: News / Latest news	16/04/20
<p>Impact of Covid-19 crisis in F4W activities</p> <p>F4W is on its first year of activity. The project's 1st anniversary will be celebrated on 1st June 2020, under quite strange conditions because of the current global health crisis.</p> <p>Read more : http://ow.ly/FJW050zgKFs</p>	
Published 20/04/20	LinkedIn:
<p>📅 The #Fiware4Water project's 1st anniversary will be celebrated on 1st June 2020, under quite strange conditions because of the current global health crisis. 🐼 Learn more about the impact of #COVID19 crisis on #F4W project here : http://ow.ly/FJW050zgKFs</p>	
Published 20/04/20	Twitter:
<p>📅 The #Fiware4Water project's 1st anniversary will be celebrated on 1st June 2020, under quite strange conditions because of the current global health crisis. 🐼 Learn more about the impact of #COVID19 crisis on #F4W project here : http://ow.ly/FJW050zgKFs</p>	

News article Eurecat

Website: News / Latest news	06/04/20
<p>FIWARE4WATER, is concerned with the concept of digital water in smart communities and seeks to create in-depth engagement with all members of the Quadruple Helix; the public sector, the private sector, the research sector and the citizen in order to achieve a broader social understanding and, subsequently, a long-term political and economic continuity of open technology application. Read more (https://www.fiware4water.eu/news/fiware4water-social-stakeholders-engagement-methodology)</p>	
Published 10/04/20	LinkedIn:
<p>📅 #Fiware4Water is concerned with the concept of #digitalwater in smart communities and seeks to create in-depth #engagement with all members of the #QuadrupleHelix : the public sector, the private sector, the research sector and the citizen, in order to achieve a broader #social understanding. 🐼 Read the full article from Eurecat - Centro Tecnológico de Catalunya on the #F4W website : http://ow.ly/eg4O50z7ilg</p>	
Published 10/04/20	Twitter:
<p>#F4W is concerned with #digitalwater concept in smart communities and seeks to create in-depth #engagement with the public sector, private sector, research sector and citizen to achieve a broader social understanding. 🐼 Full article from @Eurecat_news : http://ow.ly/PdwV50z7i0h</p>	

Teleconference

Published 03/04/20	Twitter:
<p>#F4W partners from work packages 1, 2 and 5 met virtually this morning ! Coronavirus has pushed our willingness to stay in touch. We want to share our "happy faces" as a small contribution to go through this lock in situation Take care and stay safe ! #happyfaces #working4people</p>	
Published 03/04/20	LinkedIn:
<p>#Fiware4Water partners from work packages 1, 2 and 5 met virtually this morning ! The #Coronavirus has certainly pushed stronger our willingness to stay close and in touch. We would like to share our "happy faces" as our small contribution to go through this lock in situation. Take care and stay safe ! #happyfaces #working4people</p>	



Link to F4W Newsletter

Published 08/04/20	LinkedIn:
<p>🔊 As the #Fiware4Water project enter in its first year of activity, discover the #F4W Newsletter n°1. This #Newsletter is for us the opportunity to embark you on the project's journey which aims to deliver a #digital single market for smart #waterservices. 📄 Learn more about the project's aims, its stakeholders and environment : http://ow.ly/hzjG50z1QTz</p>	
Published 08/04/20	Twitter:
<p>🔊 As the #Fiware4Water project enter in its first year of activity, discover the #F4W Newsletter n°1. 📄 Learn more about the project's aims, its stakeholders and environment : http://ow.ly/hzjG50z1QTz</p>	

Link to LinkedIn

Published 06/04/20	Twitter:
<p>🔊 Fiware4Water - FIWARE for the Next Generation Internet Services for the WATER sector. 📄 Follow our news and activities on LinkedIn : http://ow.ly/Xq5f50z1Qu3</p>	

Update from WNT Demo Case

Website: Demo Case / Netherlands / F4W DemoCase Update	26/03/20
<p>As first of the overall seven work packages WP1, concerning the requirements for FIWARE4WATER is now finished. In the last months, we evaluated all the information gathered through the workshops at our four demo cases and the two surveys we conducted to define the requirements we have to meet so that FIWARE4WATER will become the well-known and widely used platform for digital applications for the whole water sector we wish it to be. Read more (https://bit.ly/38QJ0nu)</p>	
Published 30/03/20	LinkedIn:
<p> 📄 News from F4W water utilities and Demo Cases ! Wastewater Treatment Plant (WWTP) Amsterdam West of Waternet, the watercycle utility of Amsterdam and surrounding areas, has a capacity of 1 Million population equivalent and serves the city of #Amsterdam. In order to benefit from the latest powerful FIWARE standards and techniques regarding #datasharing, validation, analysis and visualisation, Waternet collaborated with KWR and the other European partners to set the system and user requirements necessary for further development of the #smart WWTP application. 📄 Read the full article on Fiware4Water website : ow.ly/SSMy50yXhEs</p>	
Published 30/03/20	Twitter:
<p> 📄 News from F4W Demo cases ! To benefit from #FIWARE standards and techniques @Waternet collaborated with @kwr and the other European partners to set the system and user requirements for smart #WasteWater Treatment Plant application's development. Read the full article : ow.ly/SSMy50yXhEs</p>	

Article of TWZ

Website: news/latest news	26/03/20
<p>As first of the overall seven work packages WP1, concerning the requirements for FIWARE4WATER is now finished. In the last months, we evaluated all the information gathered through the workshops at our four demo cases and the two surveys we conducted to define the requirements we have to meet so that FIWARE4WATER will become the well-known and widely used platform for digital applications for the whole water sector we wish it to be. Read more (https://bit.ly/38QJ0nu)</p>	
Published 01/04/20	LinkedIn:

🚀📢 [#Fiware4Water](#) latest News ! The first work package of [#F4W](#), concerning the project's requirements, is now finished. Leading by @DVGW - TZW this work package forms the basis for all other WPs. In the last months, TZW evaluated all the information gathered through the workshops at the 4 Demo Cases and 2 surveys conducted to define the requirements we have to meet so that F4W will become the well-known and widely used platform for digital applications for the whole [#watersector](#). Learn more about this Work Package and TZW feedback on [#Fiware4Water](#) website : <http://ow.ly/f8x750yXhMV>

Published 01/04/20

Twitter:

🚀📢 [#Fiware4Water](#) latest News ! The first work package of [#F4W](#), concerning the project's requirements, is now finished. Leading by @DVGW - TZW this work package forms the basis for all other WPs. Learn more about this WP1 and TZW feedback on [#Fiware4Water](#) website : <http://ow.ly/f8x750yXhMV>

Article of Unexe

Website: news/latest news

26/03/20

The Centre for Water Systems (CWS) at the University of Exeter and the South West Water (SWW) are working closely in the EU H2020 Fiware4Water project to explore opportunities for future digital water solutions. In November 2019, SWW and CWS have collaborated with GW4 Water Security Alliance (WSA) to host a competition to challenge GW4 universities (Bath, Bristol, Cardiff and Exeter) researchers for developing ideas using data analytics to improve the understanding in water consumption demands and anomaly detections in the water network. Read more (<https://bit.ly/38QJ0nu>)

Published 03/04/20

LinkedIn:

🚀📢 Fiware4Water latest News ! The Centre for Water Systems (CWS) at the University of Exeter and the South West Water (SWW) are working closely in the [#EU](#) [#H2020](#) Fiware4Water project to explore opportunities for future [#digitalwater](#) solutions. In November 2019, SWW and CWS have collaborated with GW4 Water Security Alliance (WSA) to host a competition to challenge [#GW4](#) [#universities](#) (Bath, Bristol, Cardiff and Exeter) researchers for developing ideas using [#dataanalytics](#) to improve the understanding in [#water](#) consumption demands and anomaly detections in the [#waternetnetwork](#). Read the article on F4W website : ow.ly/qsAm50yXhOy

Published 03/04/20

Twitter:

🚀📢 [#Fiware4Water](#) latest News ! The Centre for Water Systems ([@Water_UofExeter](#)) and South West Water ([@SWW](#)) are working closely in the EU H2020 [#F4W](#) project to explore opportunities for future digital [#water](#) solutions. Read article on [#Fiware4Water](#) website : ow.ly/qsAm50yXhOy

World Water Day

Twitter : 23/03/20



[#WorldWaterDay](#) Every day, stakeholders in the [#watersector](#) work to ensure better management and quality of [#water](#) . The digitalisation of the water sector is an opportunity and the main aim of [#Fiware4Water](#) project. For further information : <https://fiware4water.eu>

Published

LinkedIn: 23/03/20

On March 22nd we celebrated [#WorldWaterDay](#). Every day, stakeholders in the [#watersector](#) work to ensure better management and quality of this vital resource. The digitalisation of the water sector is an opportunity to ensure a better management and interoperability of equipment, which is the main aim of [#Fiware4Water](#) project. The creation of water-smart solutions will meet real needs such as optimisation, prediction, diagnosis or real-time monitoring in the water sector. For further information on Fiware4Water project: <https://lnkd.in/g5wz3Cr>

SWW Demo Case Update

Website: Demo Case #4 – Latest Update	16/03/20
Our demo case is well underway; the IoT communications network is installed, residents and business owners are on board, smart meters are in the ground and the data is being analysed. I'm pleased to say that we are already more proactively identifying and fixing leaks that our customers weren't aware of and on average we are forecasting that our customers would save £327/year on their water bill. Read More : http://ow.ly/JdrX50z7jE8	
Published 13/04/20	LinkedIn:
 ● News from #F4W Demo cases ! Learn more about the progress of the demo case led by @SouthWestWater on Smart Meters and Customers in Great Torrington. 🐾 Read full article on F4W website : http://ow.ly/JdrX50z7jE8	
Published 13/04/20	Twitter:
 ● News from #F4W Demo cases ! Learn more about the progress of the demo case led by @SouthWestWater on Smart Meters and Customers in Great Torrington. 🐾 Read full article on F4W website : http://ow.ly/JdrX50z7jE8	

Article de Fiware sur F4W

Website: news/latest news	
With FIWARE4Water, FIWARE is dipping its toes into Water Management to bring the standards that will link the physical and digital world for water solutions, creating impact stories along the way. FIWARE for Smart Water will also be one of the brand new topics to be discussed at the upcoming FIWARE Global Summit in Málaga, which will bring together water suppliers, end-users, as well as several water-related projects carried out by the FIWARE Community. Read more (https://bit.ly/38QJ0nu)	
Published	LinkedIn:
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Save the date: IFAT Event

Website: news/public event	18/02/20
<p>Save the date: Join Fiware Foundation at the IFAT World's Leading Trade Fair for Water, Sewage, Waste, and Raw Materials Management 4-8 May 2020 Messe München and meet Fiware4Water partners.</p> <p>FIWARE Foundation will be running shows on two days: May 5 (13-17h) and May 6 (10-13h) in the Federal Association booth of KOMMUNAL 4.0. The slots can be between 20-30 min. for single speakers, up to 90 min. for panels. Language: English or German.</p> <p>We will be more than pleased to showcase together on stage expertise, technology trends and use cases around WATER - You can participate as a Speaker, Panelist, Panel Moderator or make part of a Fireside Chat and give an insight to a wide fair audience, experts and business people on what you think is key in the Open Source Water market in Europe and beyond.</p> <p>Call for contributions is open until 13 March 2020 - Please send your contributions before through this link:</p> <p>https://docs.google.com/forms/d/1QorYeUXbvdeEas32kHc47ocsb2Hi4f9stQCNgWwkFLU/edit?usp=sharing</p>	

Contributions should be aligned with the FIWARE Community's efforts to tackle and minimize the effects of **climate change and its impact on societies, economies, and especially our daily lives**. We are looking for a wide portfolio of very concrete applications and solutions with a direct positive impact on climate change that will soon grow with Smart Solutions related to water. Your contributions are also welcomed to be part of our next edition of the climate change booklet <https://www.fiware.org/wp-content/uploads/2020/01/Version-2.1-Fighting-Climate-Change-with-FIWARE.pdf>

Published

LinkedIn: 21/02/20

📅 Save the date: Join Fiware Foundation at the [IFAT](#) World's Leading Trade Fair for Water, Sewage, Waste, and Raw Materials Management 4-8 May 2020 | Messe München and meet Fiware4Water partners <https://bit.ly/39QRT0t>. a call for contributions is open until 13 March 2020 - Please send your contributions before through this link: <https://bit.ly/2uUM18o>

Update from South West Water demo case

Website:	Demo	Case\United	kingdom	18/02/20
200219 Fiware4Water Demo case update SSW.pdf				

South West Water (SWW) provide drinking water and wastewater services for approximately 1.7 million customers in the South West of England, and drinking water services to approximately 0.5 million customers in Bournemouth, South England. Our ambition is to start rolling out smart water metering to many of our customers and we're looking to Fiware to provide a cost effective, scalable solution to collect, store and analyse smart meter data. A number of micro-services such as a customer smart phone application and automated leakage detection will be built on Fiware architecture. An area in mid-Devon, Great Torrington has been chosen to pilot the technology and customers in this area will be given the opportunity to view their daily water use, compare their use against others and set consumption targets; all via an app! We expect that increased visibility of water use behaviour will help reduce water consumption, reduce overall demand on resources and treatment requirements, and help our customers reduce their annual water bill. We will also use the data to manage our water distribution system more efficiently by responding faster to events on the network (e.g. bursts, and discoloration events), predicting short term water demand, and better understanding leakage at household and area level.

Author: Joshua Pocock, South West Water

Published

LinkedIn: 21/02/20

📰 **News from F4W water utilities and demo case.**, #SouthWestWater (SWW) provide drinking water and wastewater services for approximately 1.7 million customers in the South West of England, and drinking water services to approximately 0.5 million customers in Bournemouth, South England. Their ambition is to start rolling out smart water metering to many of our customers and they are looking to Fiware to provide a cost effective, scalable solution to collect, store and analyse smart meter data. A number of micro-services such as a customer smart phone application and automated leakage detection will be built on Fiware architecture. An area in mid-Devon, Great Torrington has been chosen to pilot the technology and customers in this area will be given the opportunity to view their daily water use, compare their use against others and set consumption targets; all via an app! @JoshuaPocock 📰 Read the full article: <https://bit.ly/3bXW7FW>

First series of F4W webinars

Website: Latest update	17/02/20
Fiware4Water participated to the organisation of a series of webinars to raise awareness on FIWARE, Water Data models & EPANET. All the session were quite successful with an attendance	

between 35 to 53 persons. The three webinars are available on line (i) **Webinar #1 - [FIWARE Ecosystem for water management](#)** Purpose of the session is to provide participants with a global understanding of the FIWARE offer and pointers to further exploit this platform capabilities. (ii) **Webinar #2 - [Data models for water management](#)** Purpose of the session was to present and discuss on-going work in data modelling for water management (iii) **Webinar #3 - [The EPANET Water network simulator](#)**. Purpose of the session was to provide participants with a global understanding of the EPANET water network simulator. Read the full article

Webinar #1 - [FIWARE Ecosystem for water management](#) (Monday November 25th 9:30-10:30CET). Purpose of the session is to provide participants with a global understanding of the FIWARE offer and pointers to further exploit this platform capabilities.

- Overview of the FIWARE ecosystem: Fernando Lopez (FIWARE Foundation)
To understand the FIWARE architectural paradigm and overall ecosystem (catalog of enablers, the labs, data models, the community)
- Example of interaction with a NGSI-LD broker: Benoit Orihuela (EGM)
To understand how to interact with a FIWARE broker, using the latest Linked Data evolution of the interface specification (NGSI-LD)

Webinar #2 - [Data models for water management](#) (Tuesday November 26th 9:30-10:30CET). Purpose of the session was to present and discuss on-going work in data modelling for water management

- Overview of existing models for water management: Albert Chen (University of Exeter)
Overview of the current landscape of data models in water systems.
- The SAREF4WATER semantic model: Raúl García Castro (Universidad Politécnica de Madrid)
Presentation of the semantic model for IoT management in water systems
- The NGSI-LD cross domain ontology: Franck Le Gall (EGM)
Overview of the NGSI-LD cross domain ontology as a basis to exchange context information across domains.

Webinar #3 - [The EPANET Water network simulator](#) (Wednesday November 27th 9:30-10:30CET). The EPANET simulator: Fanlin Meng (University of Exeter). Purpose of the session was to provide participants with a global understanding of the EPANET water network simulator
Contact: Franck LE GALL, franck.le-gall@eglobalmark.com

Published	LinkedIn: 18/02/20
<p>Fiware4Water participated to the organisation of a series of webinars to raise awareness on FIWARE, Water Data models & EPANET. All the sessions were successful with an attendance between 35 to 53 persons. The three webinars are available on line (i) Webinar #1 - FIWARE Ecosystem for water management Purpose: provide participants with a global understanding of the FIWARE offer and pointers to further exploit this platform capabilities. (ii) Webinar #2 - Data models for water management Purpose: present and discuss on-going work in data modelling for water management (iii) Webinar #3 - The EPANET Water network simulator, Purpose: provide participants with a global understanding of the EPANET water network simulator. 📖 Read the full article on: https://bit.ly/2SGUuFj</p>	

Collaboration with EPANET P and Elad Salomons

Website: latest news	21/02/20
<p>Digital transformation is all about connecting the physical world to digital solutions. As a water engineer and a consultant for water utilities and start-up companies, I often see, on one hand, the huge amount of data being collected by the water utilities, and on the other hand, the difficulties connecting it to available smart digital solutions. When I was asked to serve on the External Advisory Board of the Fiware4Water H2020 research project, I saw the opportunity to help bridge this gap. The project aims to utilize the FIWARE platform capabilities to allow water utilities and authorities</p>	

to publish their data in a standardized way, and for solution providers to interact with the data via open API architecture. Two of my passions are water engineering and open source software. By contributing to the [open source EPANET](#) project I'm able to combine the two (EPANET is an industry-standard program for modelling the hydraulic and water quality behaviour of water distribution system pipe networks). The Centre for Water Systems in the university of Exeter UK, which is one of the Fiware4Water project partners, developed a revised version of the program, EPANET-p, which extends its capabilities to include pressure driven demands. During the first project's general assembly, held on November 2019 in Amsterdam, we arranged for a side meeting to discuss ways for real-time water simulation using EPANET-p combined with the FIWARE platform. The technologies planned to be developed in the project will be demonstrated on real-world test cases with challenging objectives such as: forecast and manage water demands, reduce leakage, optimal operations of water and wastewater systems and enhance citizen engagement regarding their household demand. All of these digital solutions heavily rely on different sensor data, provided via the FIWARE platform, and include flow, water quality, and pressure readings. I'm thankful for the opportunity to have a role within the project and hope it will benefit from my experience

Author: Elad Salomons

Published

LinkedIn:

Elad Salomons from EPANET shares on his new implication in Fiware4Water as member of the Advisory Board "Digital transformation is all about connecting the physical world to digital solutions. As a water engineer and a consultant for water utilities and start-up companies, I often see, on one hand, the huge amount of data being collected by the water utilities, and on the other hand, the difficulties connecting it to available smart digital solutions. When I was asked to serve on the [External Advisory Board](#) of the Fiware4Water H2020 research project, I saw the opportunity to help bridge this gap..." Read the full article on <https://bit.ly/2vSGQFU>



News from Fiware4Water demo case: feedbacks from EYDAP

Website: Section Demo case – Greece

17/02/20

200217 Fiware4Water Demo case update EYDAP.pdf

EYDAP (<https://www.eydap.gr/en/>), the Athens Water Supply and Sewerage Company is the largest company of its kind in Greece. EYDAP is responsible for the Greek demo case (<https://bit.ly/37vB7mp>). In particular, for the demonstration of the FIWARE integration with operational sensors (existing, as well as flow- and level-meters that will be bought within the project) and other (novel) surveillance methods into a common operational picture (in real time) in a suitable part of the water supply system. Through Fiware4Water, #FIWARE compliant analytics and models will be developed to synthesise the information and provide operational decision support, with an emphasis on (a) optimising water conveyance from sources to treatment plants in this extensive and complex multi-reservoir, multi-aqueduct (with pressurised sections) system and (b) providing early warning (with 1-2h lead time) in cases of increased turbidity, to allow the treatment plants to customise their processes accordingly. At the same time, through the project,

EYDAP will develop strong partnerships and exchange know-how with prominent stakeholders in the water and ICT industry.

Published

LinkedIn: 17/02/20

📰 **News from F4W water utilities and demo case.** #EYDAP (<https://www.eydap.gr/en/>), the Athens Water Supply and Sewerage company is the largest company of its kind in Greece. EYDAP is responsible for the Greek demo case (<https://bit.ly/37vB7mp>). In particular, for the demonstration of the FIWARE integration with operational sensors (existing, as well as flow- and level-meters that will be bought within the project) and other (novel) surveillance methods into a common operational picture (in real time) in a suitable part of the water supply system. Through Fiware4Water, #FIWARE compliant analytics and models will be developed to synthesise the information and provide operational decision support, with an emphasis on (a) optimising water conveyance from sources to treatment plants in this extensive and complex multi-reservoir, multi-aqueduct (with pressurised sections) system and (b) providing early warning (with 1-2h lead time) in cases of increased turbidity, to allow the treatment plants to customise their processes accordingly. At the same time, through the project, EYDAP will develop strong partnerships and exchange know-how with prominent stakeholders in the water and ICT industry.

Event: Smart Water technical Workshop

Website: Section Event

11/02/20

Published

LinkedIn: 13/02/20

Save the date: With the support of #F4W, an agreement has been reached with the #FIWARE foundation to host a **Smart Water Technical Workshop during the forthcoming FIWARE summit** in Malaga (23-24th June 2020, ► <https://www.fiware.org/summit/>).

The workshop will take place on the 23rd afternoon. The discussions will focus on FIWARE based implementations (planned or on-going) for the water domain.

Would you already have some topics you will like to present or discuss, please let us know. An agenda proposal will soon be settled.



News latest update: WP1 public deliverables available

Section: Latest update + deliverables

10/02/20

Published

LinkedIn: 12/02/20

Mid-December we announced the start of the analysis of the online surveys 'results aimed at collecting the Fiware4Water end-users requirements. This analysis, based on Pareto methodology (1964), leads to very interesting conclusions that are summarized in two public deliverables available on F4W website (D1.2 and D1.3). Moreover, this survey analysis is completed by the requirements from the four demo cases of the project, themselves summarized in a third deliverable (D1.1) which is also publically available on #F4W website ► <https://bit.ly/377ZXJ6>

Author: OIEau

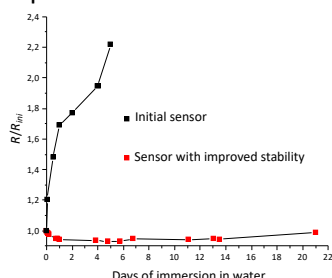
CNRS's update on Fiware4Water


Website section: latest update
04/02/20

As a provider of calibrated sensors for water analysis within the Fiware4water consortium, we have been working on the stabilization of the sensors' response to operating conditions since the launch of the project.

The first generation of sensors that we had previously developed within the framework of the EU project "Proteus" (<http://www.proteus-sensor.eu/>) was intended to monitor drinking water. These sensors were sensitive to certain chemicals, such as chlorine. However, their stability over time was not satisfactory as the sensors were found to last only a few days, which is not enough for field deployment. Therefore, we have sought to identify ways to improve the stability of the sensors as a primary objective.

Our first investigations demonstrated that the instability was mainly due to degradation of the sensing material. Thus, we envisioned several ways to protect the active material of the sensors, each of which would be compatible with the sensor design, before finally settling on a porous membrane as the optimal way to protect the sensors' active material. The membrane is made from a cheap commercial polymer that can be easily deposited on top of the sensing material. We are currently in the stage of validating the reproducibility of our membrane deposition process and expect to have a validated approach in the coming weeks.


Published
LinkedIn 10/02/2020

CNRS has shared their progress of #F4W and explains how as provider of calibrated sensors for water analysis within the Fiware4water consortium, they have been working on the stabilization of the sensors' response to operating conditions they have participated. Read the  full article on <https://bit.ly/3b3JdpJ>

Progress in the derivation of use cases and system requirements for the new Fiware4Water applications

Website section: latest update
02/02/20

The development of the new FIWARE applications in the four demo cases was initiated within the framework of WP1, and specifically in Task 1.1. The ultimate target of this initial step is the identification of the key functionalities and requirements of the newly developed FIWARE applications. Towards this, a process was designed to support and facilitate the derivation, collection and record of the appropriate information in a standardised way at all demo cases.

The process is based on the concept of user stories and use cases that allow the description of the functionalities of the system from user's perspective or, in other words, what the user (utility) want to achieve with the system. The process was evolved through three workshops organized in each demo case between the local research partners and local utilities. These workshops aimed to explore:

- 1) What are the challenges that utilities want to address with the new FIWARE applications and tools?

- 2) What is the current state of play of the legacy systems (existing datasets, sensors, SCADA systems, protocols etc.) and how we can take advantage of them to facilitate the development of new tools?
- 3) What are the desired functionalities of utilities for the new applications and tools to have?
- 4) What new sensors and systems should be deployed to enable the development and operation of new tools?

The first series of workshops was initiated the process and collected the major user stories from the Utilities (EYDAP, 3S, WNT and SWS), providing answers to the above questions and giving to the local research partner a clear picture of the key functionalities of the systems to be developed. The collected list of user stories was re-evaluated by the local partners and each use story was further broken down into specific use cases to provide a more detailed description of the functionalities. The lists of user stories and use cases was further evaluated and revisited during the second workshop in each demo case. Based on the derive user stories, the research partners identified and compiled the list of system requirements for each FIWARE application. The key task of the third workshop was the presentation of the final set of user stories, use cases and system requirements to the utility to ensure a consensus.


The information gathered during these workshops informs directly the next steps of the project which focus on the development, deployment and testing of the new FIWARE applications in the four demo cases.

The results will be published early 2020 as part of the Deliverables.

Author NTUA

Published

LinkedIn 03/02/20

NTUA shares on how the #Fiware applications have been Initiated at the scale of the 4 demo cases of #F4W. Learn about the method and explore how the stakeholders have been involved to set the requirement based on the user stories.  read the full article on <https://bit.ly/2OyCVET>

Fiware to deliver the standards for the creation of next generation digital solutions for water

Website section: latest update

30/01/20

With FIWARE4Water FIWARE is dipping its toes into Water Management to bring the standards that will link the physical and digital world for water solutions, thereby creating replicable success stories. Following the success of FIWARE in domains like Smart Cities and aligning with principles of programs driven by the European Commission like Connecting Europe Facility (CEF), we move ahead diving into the digital transformation of the water sector and demonstrating FIWARE capabilities and the potential of its interoperable and standardized interfaces for both the water sector and end-users such as cities, water utilities, water authorities, solution providers and citizens, allowing cross-domain cooperation and data exchange.

The development of modular smart applications using FIWARE and open API architecture for the real-time management of water systems will connect the end-users and innovation supplier communities for water compliant interfaces and data models on a comprehensive cross-domain platform associated with 4 demo cases for smart water applications and 3 demo networks.

To achieve a high degree of innovation we have collected representative data of specific fields (smart meter readings, time series of the flow/pressure of water distribution networks, etc.) that will be processed and standardized to be integrated into the context management at the top of FIWARE. This will allow third parties to develop new ideas on how to use this data to solve specific problems (e. g. leak detection). In addition, thanks to the full interoperable platform the project provides, we are also collecting the requirements from the end-users based on their needs and

opportunities on other value chains and at cross-domain level. Learn more about which smart applications they are using, which software they are using on that smart application, the data management practices and the current demand for smart applications). We are also working in the definition of different challenges targeting third parties (SMEs, solution providers), incentivizing their participation and fostering innovation and data-driven business models, not only in the water sector but also in other related domains, from pilot scale to wide market uptake.

Water is a key factor for the economy and the society and digital solutions are important for addressing water challenges. The next FIWARE Global Summit (Málaga, Spain 23-24 June, 2020) will bring together key players in the Water Sector (including those belonging to <https://www.ict4water.eu/>) to collaborate and find synergies in their digital water strategies to address the water challenges and adapt water resource management to climate change.

Published	LinkedIn (https://bit.ly/3b3JdpJ)
FIWARE Foundation shares a testimony on how #Fiware aims at delivering the standards for the creation of the next generation digital solutions for water. Highlighting that water is a key factor for the economy and the society and #digital solutions to address #water challenges, the next FIWARE Global Summit (📅 Málaga, Spain 23-24 June, 2020) will bring together key players in the Water Sector (including those belonging to https://www.ict4water.eu/). Read the 📖 full article on https://bit.ly/3b3JdpJ	

Last workshop for demo case#1 in Athens

Website section: Internal event	19/12/20
Published	LinkedIn: 19/12/20
This Friday 20 December 2019 will be hold in Athens the last of the 3 workshops for F4W Demo Case#1. Demo case#1 is dedicated to water supply system real time operational management. The objective of the workshop is to finalise the technical requirements of the future F4W platform will need to meet the technical objectives of this Greek demo case. Author: OIEau Contact: NTUA	

News latest update: WP1 Interviews and on line surveys are closed

Section: Latest update	13/12/20
In order to set up the users requirements for the future Fiware4Water platform (addressed to water managers, SMEs, developers, technology providers) and in addition to the demo cases workshops, an on line survey and dedicated questionnaires were developed. After three months and a lot of answers received, they have closed today. Their analysis have already started and will lead to a gap analysis in order to develop the fiware4water architecture. Author: OIEau	

News latest update: Progress in the users' requirements for Fiware4Water

Website section: latest update	12/12/19
Since the kickoff meeting in June the partners have been working together in WP1 to define the requirements on FIWARE4WATER. This contains the requirements of our four demo cases as well as prerequisites by stakeholders and end-users that have to be meet to establish FIWARE in the water sector. Starting point were workshops at the four demo sides with the project partners to develop demo case specific technical and general requirements that have to be meet so that newly developed	

FIWARE applications can contribute to an operational improvement of utilities (be it in energetic, ecologic, efficiency, robustness or any other way).

In order to achieve representative and comprehensive requirements two EU-wide surveys were launched in which water utilities and SMEs were interviewed. Contents in particular is, which Smart Applications water utilities and SMEs would like to have, which attitudes enterprises have towards Open Source platforms and which data models they already use. The Surveys will stay open until mid-December to gather as much insight in the needs of water utilities and SMEs regarding the water sector as possible.

Combining the information of the demo cases and results of the surveys an overall list of requirements will be developed that will be guideline for the next work steps in developing innovative, smart applications being used to enhance the digitalization in the water sector.

The results will be published early 2020 as part of the Deliverables.

Author TWZ

News internal event: First F4W General Assembly, Amsterdam, 6-8 November 2019

Website section: internal events	06/12/19
<p>Fiware4Water held its second General Assembly in November 2019 in Amsterdam back to back with Amsterdam Water Week, Aquatech and ICT4cluster. WaterNet welcomed the meeting. Some of the key points are the good progress of F4W users' requirements, the start of the development of the reference architecture. This was also the occasion for the partners to visit Waternet Wastewater Treatment Plant West and get a good insight of the circular approach put into place.</p> <p>Author OIEau</p>	

Annexe 4: F4W internal Communication and Dissemination survey (year 1)

Personal information		External events	Interactions with other projects/initiatives					
Organisation	Protection of personal data	Number of external events attending on behalf of F4W	Interactions with similar projects or initiatives on behalf of F4W	Number of interactions	Description of the interaction	Type of interaction	Name of the project/initiative	Topic of the interaction
Business Development Group SRL	Yes	1	No	0	/	/	/	/
Eurecat	Yes	0	No	0	/	/	/	/
National Technical University of Athens	Yes	2	No	0	/	/	/	/
Waternet	Yes	0	No	0	/	/	/	/
South West Water	Yes	0	No	0	/	/	/	/
TZW	Yes	0	No	0	/	/	/	/
Eurecat	Yes	2	Yes	4	/	Weekly and Bi-Weekly events under the cross-project collaboration. In this regards, I personally contribute to: - IoT data models - General Cross-project synergies events.	Cross-projects synergies	- IoT data models - General Cross-project synergies events.
FIWARE Foundation	Yes	0	No	0	/	/	/	/
EYDAP S.A.	Yes	0	Yes	1	/	Attendance at digital meeting related to smart water data models themed projects	Smart water data models (FIWARE4WATER, ScoreWater, DWC, NAIADES, aqua3S) meeting	Smart water data models projets
OIEau	Yes	2	Yes	2	/	Phone or mail exchanges with BigData4River.Regular exchanges with DW2020 Synergy Group.	BigData4Rivers DW2020 Synergy Group	Water data digitalisation

Personal information	Interactions with SMEs or industrial users					
Organisation	Interactions with SMEs or industrial users on behalf of F4W	Number of interactions	Description of the interaction	Type of interaction	Name of the project/initiative	Topic of the interaction
Business Development Group SRL	Yes	5	/	IT Cluster and independent companies in Danube countries, for inviting their members to participate in the project implementation	Own initiative	Stakeholders participation
National Technical University of Athens	No	0	/	/	/	/
Waternet	No	0	/	/	/	/
South West Water	Yes	1	/	Contractor	Barter4Things	Installation of sigfox infrastructure
TZW	No	0	/	/	/	/
Eurecat	No	0	/	/	/	/
FIWARE Foundation	No	0	/	/	/	/
EYDAP S.A.	No	0	/	/	/	/
OIEau	Yes	2	/	1- Phone calls + virtual meetings after the publication of the 1st e-newsletter 2- Mail exchanges after the publication of the 1st e-newsletter	1- Klinger Society who wants to develop innovative smart and connected seals for drinking water networks 2- ICT solution development company who will participate into F4W challenges	

Personal information	Interaction with water utilities					
Organisation	Interactions with water utilities on behalf of F4W	Number of interactions	Description of the interaction	Type of interaction	Name of the project/initiative	Topic of the interaction
Business Development Group SRL	Yes	9	/	Developing a regional strategy for digitization of water operators' services.	Own initiative corroborated with a regional INTERREG project(iWATERMAP)	Initiation of regional Action Group on digitization and regionalization of services.
Eurecat	No	0	/	/	/	/
National Technical University of Athens	No	0	/	/	/	/
Waternet	No	0	/	/	/	/
South West Water	No	0	/	/	/	/
TZW	No	0	/	/	/	/
FIWARE Foundation	No	0	/	/	/	/
EYDAP S.A.	No	0	/	/	/	/
OIEau	No	0	/	/	/	/

Personal information	Interactions with river basin organisations					
Organisation	Interactions with river basin organisations on behalf of F4W	Number of interactions	Description of the interaction	Type of interaction	Name of the project/initiative	Topic of the interaction
Business Development Group SRL	Yes	2	/	Invitation for 2 river basin management representative to be part of a regional action group on North Eastern Romania(ABA Prut Barlad and ABA Siret, 2 out of 11 water basins in Romania).	Own initiative corroborated with INTERREG project iWATERMAP>	Innovation processes in North eastern Romania in water sector(including digitization of services)
National Technical University of Athens	No	0	/	/	/	/
Waternet	No	0	/	/	/	/
South West Water	No	0	/	/	/	/
TZW	No	0	/	/	/	/
Eurecat	No	0	/	/	/	/
FIWARE Foundation	No	0	/	/	/	/
EYDAP S.A.	No	0	/	/	/	/
OIEau	No	0	/	/	/	/

Personal information	Interactions with Consumers/Citizens					
Organisation	Interactions with Consumers/Citizens on behalf of F4W	Number of interactions	Description of the interaction	Type of interaction	Name of the project/initiative	Topic of the interaction
Business Development Group SRL	No	0	/	/	/	/
National Technical University of Athens	No	0	/	/	/	/
Waternet	No	0	/	/	/	/
South West Water	Yes	100	/	Phone calls, letters, emails, face to face	Smart meter trial	Customers in Great Torrington, UK were contacted and offered a free trial to smart metering. 100 signed up
TZW	No	0	/	/	/	/
Eurecat	No	0	/	/	/	/
FIWARE Foundation	No	0	/	/	/	/
EYDAP S.A.	No	0	/	/	/	/
OIEau	No	0	/	/	/	/

Personal information	Publications and RSN					
Organisation	Number of publications your organisation write as main author or co-authors on F4W, all types of media included	References	Number of tweet and retweet from the organisation send on behalf of F4W	Examples	Number of LinkedIn posts from the organisation send on behalf of F4W	Examples
Business Development Group SRL	2	2 Articles on Fiware 4 water website.1 Presentation in a regional Innovation Workshop.	60	The last ones in May 2020: https://twitter.com/FIWARE/status/1266046593603637249 https://twitter.com/UN_WWQA/status/1265267574692085764	10	/
National Technical University of Athens	0	/	0	/	0	/
Waternet	1	Demo case update for F4W website.	0	/	0	/
South West Water	0	/	0	/	0	/
TZW	1	https://tzw.de/blog-details/detail/asset-management-mit-system-und-innovativer-technik	0	/	0	/
Eurecat	0	/	0	/	0	/
FIWARE Foundation	0	/	0	/	0	/
EYDAP S.A.	2	https://www.linkedin.com/posts/euprojetfiware4water_eydap-fiware-activity-6635173930011242496-5mH3 https://www.linkedin.com/posts/euprojetfiware4water_fiware4water-workshops-fiware-activity-6666250645252780033-oH2P	0	/	0	/
OIEau	2	www.oieau.fr / www.riob.org	6	/	2	/