D6.13 Webinars and eLearning materials

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19/07/2021
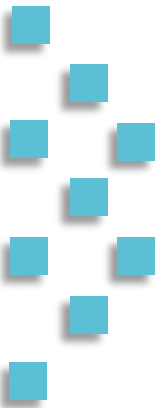
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Executive Summary

The deliverable n°6.13 *Webinars and eLearning materials* presents the webinars and related materials put into place by Fiware4Water partners in order to promote, exchange and gather perception from potentials end-users and the peer communities. The deliverable will be issued three times over the duration of the project at month 12[1], 24 (this version) and 35. This document is linked to Work Package 6, task 6.1 Communication and Dissemination of Project Outcomes.

Webinars provide an excellent way to engage with the targeted audiences through a virtual interactive presentation. They allow to communicate the different aspects, benefits, progress and perspectives of Fiware4Water digital solutions.

E-Learning materials refer to learning materials developed for the Internet. It is a solitary experience for learners who are alone as they read through the material. In this context, the expected E-Learning materials will actually be the materials used during the various webinars proposed throughout the project, as well as their video recordings, all available on www.fiware4water.eu. Some other e-learning activities and applications are led within WP3 Smart Applications and Devices dedicated to the Demo case#4 on smart metering and citizen engagement.

Webinars	Date	Number of participants	Organisation	Partners involved
Year 1				
#1-FIWARE Ecosystem for water management	25/11/2019	Between 35 to 53	EGM	FIWARE, EGM
#2-Data models for water management	26/11/2019	Between 35 to 53	EGM	University of Exeter, Universidad Politécnica de Madrid, EGM
#3-The EPANET Water network simulator	27/11/2019	Between 35 to 53	EGM	Exeter
#4-F4W Developers' workshop	02/02/2020	14	EGM	EGM (F4W), Aqua3S project
Year 2				
#5-Digitalising the future of Water (FIWARE water day)	17/09/2020	182	FIWARE	FIWARE, EGM, SUEZ 3S, SSW, DW2020 projects
#6-Smart water management, Using Fiware Smart Data Models for Water	16/09/2020	56	FIWARE	FIWARE, EGM, EURECAT, EXETER
#7-Harvesting the Power of FIWARE across the Entire Water Value Chain – Fiware4Water	23/09/2020	Between 45 to 55	KWR	KWR, WaterNet
#8-Digitalising the future of Water (FIWARE at Green cities)	30/09/2020	17	FIWARE	FIWARE, EGM, EURECAT
#9- Creation of a Social and Political Consensus employing Digital Water[5] (private)	03/11/2020	20	BDG	BDG, OiEau, EURECAT
#10 – How Water digital innovations can benefit to Basin Organisations? The on-going experience of Fiware4Water	10/11/2020	Up to 95	OiEau	OiEau, INBO, EGM, KWR, EYDAP, SWW, FIWARE, BDG
Demo Network#4 Local forum	3 sessions		SWW	Exeter, KWR, EURECAT
Data models with the FIWARE platform for the water sector	03/03/2021	ICT4Water cluster community	DigitalWater2020 synergy Group	EU projects: digital-water.city, Score Water, Fiware4Water, Naiades and aqua3S

According to Fiware4Water description of work, 9 webinars should be held over the entire duration of the project. During the first year, three of them were accomplished and led by EGM as well as a developers' workshop. The focus was on the technical development of F4W solutions.

During the second year, 6 webinars were organised (5 public and one private), 3 on-line sessions within demo case#4 took place on local water forum and the DigitalWater2020 synergy group organised its first webinar.

The focus of the webinars has progressively moved to the promotion of F4W solutions (webinars#6, #7, #8) to the engagement with potential end-users: municipalities (webinar#9, DemoNetwork#4 Local forum) and basins organisations (webinar#10).

> All the webinars organised on behalf of F4W are available on
> https://www.fiware4water.eu/deliverables#webinars

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[1] F4W-D6.4-Webinars&eLearningMaterials_final v2.pdf, available on https://www.fiware4water.eu/deliverables

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

All the public deliverables are available on: https://www.fiware4water.eu/deliverables

Document Information

Programme	H2020 – SC0511-2018
Project Acronym	**Fiware4Water**
Project full name	FIWARE for the Next Generation Internet Services for the WATER sector
Deliverable	**D6.4:** Webinars and eLearning materials
Work Package	**WP6:** Ecosystem building for communication and dissemination strategies and activities
Task	Task 6.1: Communication and dissemination of project outcomes (OiEau, all) M1-M36
Lead Beneficiary	P1: OiEau
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Contributor(s)	
Quality check	Angeles Tejado (FIWARE Foundation)
Planned Delivery Date	M24 (05/20)
Actual Delivery Date	M26 (07/20)
Dissemination Level	Public

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DigitalWater2020 Synergy Group	DW2020
F4W	Fiware4Water project
Work Package	WP
EGM	Easy Global Market
SWW	South West Water

Introduction

Fiware4Water (F4W) Work Package 6 (WP6) is dedicated to the Ecosystem building for communication and dissemination strategies and activities. This deliverable refers to the organisation of F4W webinars and e-learning materials related to WP6 Task 6.1 Communication and Dissemination of Project Outcomes. Deliverable n°6.13 *Webinars and e-learning materials* presents the series of webinars organised by the partners over the second year (June 2020 to May 2021) of the project as well as their related e-learning materials.

A section on F4W website is dedicated to the webinars organised on behalf of F4W: https://www.fiware4water.eu/deliverables#webinars

Webinars refer to all forms of interactive seminar-like meetings held over the Internet, live teaching sessions offering a broad range of various topics followed by a question-and-answer session from the participants. Webinars often aim to promote a new product, a service or to present an offer. They are an excellent way to exchange with an audience through a virtual interactive presentation. In our case, the use of webinars will allow to communicate the different aspects, benefits and results of the project to a wider audience with limited economic and spatial constraints and also gather their perceptions and feedbacks.

Webinars are even more important today as they save travel and limit risks due to COVID19 while maintaining the connection with stakeholders.

E-Learning materials, on the other hand, refer to learning materials developed for the Internet. It is a solitary experience for learners who are alone as they read through the material. In this context, the expected E-Learning materials will actually be the materials used during the various webinars proposed throughout the project, as well as their video recordings all available on www.fiware4water.eu. Some other e-learning activities and applications are led within WP3 Smart Applications and Devices dedicated to the demo case on smart metering and citizen engagement.

> Over the duration of the project and according to the F4W communication strategy, at least 9 webinars should be put into place over the duration of the project. During the first year of the project, 3 webinars were organised by the partners on behalf of F4W. During the second year, 5 public webinars were organised and one private, and one series of webinars tool place within Demo Network #4. Finally, one webinar was organised by the DigitalWater2020 synergy group.

The first section of the report reminds the pre-set objectives as described in the description of work. Section II lists the webinars organised during the second year of the project and addressed to IT experts and water stakeholders. Section III presents the on-line session organised within the Demo Case#4 and addressing water local forum. Finally, section IV highlights the first webinars jointly organised by the 5 projects of the DigitalWater2000 synergy group.

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I. Overall picture

I.1. Pre-set objectives

As described in the description of work, partners will deliver a number of webinars and e-learning materials during the three years of the project (2019-2022). The purpose of these on-line events is to present the progress of the project to specific targets (developers, SMEs, researchers, water utilities, citizens, etc.), gather feedbacks and provide insight to implement iterations of the project development, testing and evaluation. All recorded sessions from these various webinars held during the project will be collected on F4W website and remain available after the end of the project[2].

According to the KPIs set at the beginning of the project, a number of 9 webinars are planned for the entire duration of the project. Apart from this indication, no numerical targets have been set for the e-learning materials.

I.2. Overview

Webinars and e-learning materials are perceived as communication and engagement tools to be activated at the best moment according to the progress and needs of the project. The project is broadly divided into three main inter-related blocks: the demo cases, the demo networks and the SMEs challenges. For each of these blocks, it has been anticipated to put into place webinars to create a dedicated moment to present the state of progress and engage with the targeted audiences.

During the first year of the project, the three webinars and workshop[3] focussed on the demo cases and the technologies that are developed (see table 1 for the planning of webinars during year 1).

During the second year, the focus slightly moved to the potential up-take of these technologies through the demo networks. In parallel, the SMEs challenges was planned to trigger specific IT development according to specific needs identified by the demo cases and the partners[4] (see table 1 for the planning of webinars during year 2).

I.1. eLearning materials

All webinars' recording videos are available as eLearning materials on F4W website. Articles was written and published on the social media to explain the events and content of the webinars. (https://www.fiware4water.eu/news/first-series-f4w-webinars). These materials are also available on partners' websites. In addition to the on-line publication of all the content of the webinars, the video and presentation was sent to all participants after each event.

The first version of F4W E-Book that will be a layman report on the project, with active links to outcomes and Demo Cases, to promote different levels of reading for different audiences is scheduled for M28 (September 2021). The eBook will be a key eLearning materials of the project.

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[2] https://www.fiware4water.eu/deliverables#webinars

[3] They are presented in F4W-D6.4-Webinars&eLearningMaterials_final v2.pdf, available on https://www.fiware4water.eu/deliverables

[4] The challenges have been postponed in June 2021. The related webinars will take place over the summer 2021 and will be reported at month 35

Table 1- Fiware4Water webinars: years 1 and 2

Webinars	Date	Number of participants	Organisation	Partners involved
Year 1				
#1-FIWARE Ecosystem for water management	25/11/2019	Between 35 to 53	EGM	FIWARE, EGM
#2-Data models for water management	26/11/2019	Between 35 to 53	EGM	University of Exeter, Universidad Politécnica de Madrid, EGM
#3-The EPANET Water network simulator	27/11/2019	Between 35 to 53	EGM	Exeter
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#7-Harvesting the Power of FIWARE across the Entire Water Value Chain – Fiware4Water	23/09/2020	Between 45 to 55	KWR	KWR, WaterNet
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#9- Creation of a Social and Political Consensus employing Digital Water[5] (private)	03/11/2020	20	BDG	BDG, OiEau, EURECAT
#10 – How Water digital innovations can benefit to Basin Organisations? The on-going experience of Fiware4Water	10/11/2020	Up to 95	OiEau	OiEau, INBO, EGM, KWR, EYDAP, SWW, FIWARE, BDG
Demo Network#4 Local forum	3 sessions		SWW	Exeter, KWR, EURECAT
Data models with the FIWARE platform for the water sector	03/03/2021	ICT4Water cluster community	DigitalWater2020 synergy Group	EU projects: digital-water.city, Score Water, Fiware4Water, Naiades and aqua3S

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[5] This webinar was a private event open to the municipalities of Timisoara (RO), Szeged (HU) and Novi Sad (RS) within Demo Network #2

II. Webinars held during the second year of the project

6 webinars were held during the second year of F4W. In addition, 3 on-line sessions were organised by the Demo network #4 and a webinar was organised by the DigitalWater2020 synergy group. The aim of the webinar progressively opened to the engagement with potential end-users external to the consortium (municipalities, water managers and authorities).

II.1. Webinar #5: Digitalising the future of Water

Organisers: FIWARE Foundation

Audience: water stakeholders (non It specialist)

Duration: 2 hours and 24 minutes

Scope of the webinar: this webinar was part of FIWARE water day. Speakers from the DigitalWater Synergy Group were invited to enlarge, promote and demonstrate digital solutions to potential users. The emphasis was on the demonstration of the digital water solutions progress made after the first year of these projects.

Objective: Analyse how to overcome water challenges from different perspectives, how we can do more with less water in a sustainable manner, from innovation in technology to financing, business models, partnerships, and policy as main enablers for society and businesses to make effective change happen. The webinar also invited FIWARE Community experts to discuss how Open Source technology and key standards are contributing to the ability and speed to address urgent challenges and the needs of society and the world as a whole.

Link: https://www.youtube.com/watch?v=tUStUBPQ7-4

Picture 1- Webinar#5: Digitalising the future of Water

Agenda

Opening and Introduction (Charlotte Kotterman, FIWARE Foundation)

Moderator (E.G. Nadhan, Red Hat Chief Architect and Strategist, North America)

Global Overview - The Need to Digitalise Water (Robert Brears, Founder of Our Future Water and Author of Urban Water Security, The Green Economy and the Water-Energy-Food Nexus)

Keynote Speech - General trends on Digitalization - Digitalisation in the Water Sector (Prof. Dragan Savic - CEO of KWR Water Research Institute)

Expert Session - Intelligent Water Networks as a core for digital transformation (Frédéric Charles, Intelligent Water Networks, Directeur Stratégie Digitale & Innovation - SUEZ Smart Solutions)

Expert Session - FIWARE Value Proposition- Integration and standardization of ICT solutions and Smart Data Models for the Water Domain - Alberto Abella - Data Modelling Expert FIWARE Foundation, Juanjo Hierro - CTO FIWARE Foundation

Expert Session - Linking EPANET to FIWARE - Chris Sweetapple - Research Fellow at University of Exeter and Fernando López - FIWARE Cloud and Platform Senior Expert

Special Guest Sotirios Kanellopoulos - European Commission, EASME

Case Study 1: FIWARE4Water - Water – A Global Issue, Local Solutions - Kate Baker, PhD Research Fellow, Centre for Water Systems, University of Exeter - Ben Ward, Drinking Water Asset Manager, South West Water

Case Study 2: FIWARE in NAIADES Smart Water Platform (Dr. Eunsook Eunah Kim, Head of Research and Development - UDG Alliance)

Case Study 3: aqua3S: Innovative technologies for Safety and Security in existing water networks (Dr. Anastasios (Tasos) Karakostas, PhD, Computer Scientist Centre for Research and Technology Hellas)

Case Study 4: Digital Water.City - Early Warning System and Match-Making Platform for Safe and Optimized Integration of Wastewater Treatment and Agriculture Irrigation - (Adriano Mancini, Ph.D. Researcher in Computer Science, Università Politecnica delle Marche)

Case Study 5: SCOREwater: The synergy of an open platform and active citizen engagement (Arjen Hof, Director of Civity, Member of the SCOREwater Consortium)

Closing Remarks (Ulrich Ahle, CEO FIWARE Foundation and Cristina Brandtstetter, CMO FIWARE Foundation)

II.2. Webinar #6: Smart water management, Using Fiware Smart Data Models for Water

Organisers: FIWARE Foundation

Audience: Technical domain dealing with water

Duration: 45 minutes

Speakers: Alberto Abella (Data Modelling Expert & Technical Evangelist), Franck Le Gall (CEO and CTO, EGM), Dr. Chris Sweetapple (Research Fellow in the Centre for Water Systems, University of Exeter)

Scope of the webinar: this webinar took place in FIWARE Wednesday webinars and addressed technical development issues focussing on smart water management

Objective: the webinar aimed at reminding the general functioning of FIWARE to explain the latest development making possible the use of FIWARE for the water domain. The focus was on the use of smart data models, their structure, lifecycle and the services provided by FIWARE.

Link: https://www.youtube.com/watch?v=QbAiLMFEQrY

Picture 2- Webinar#6: Smart water management, Using Fiware Smart Data Models for Water
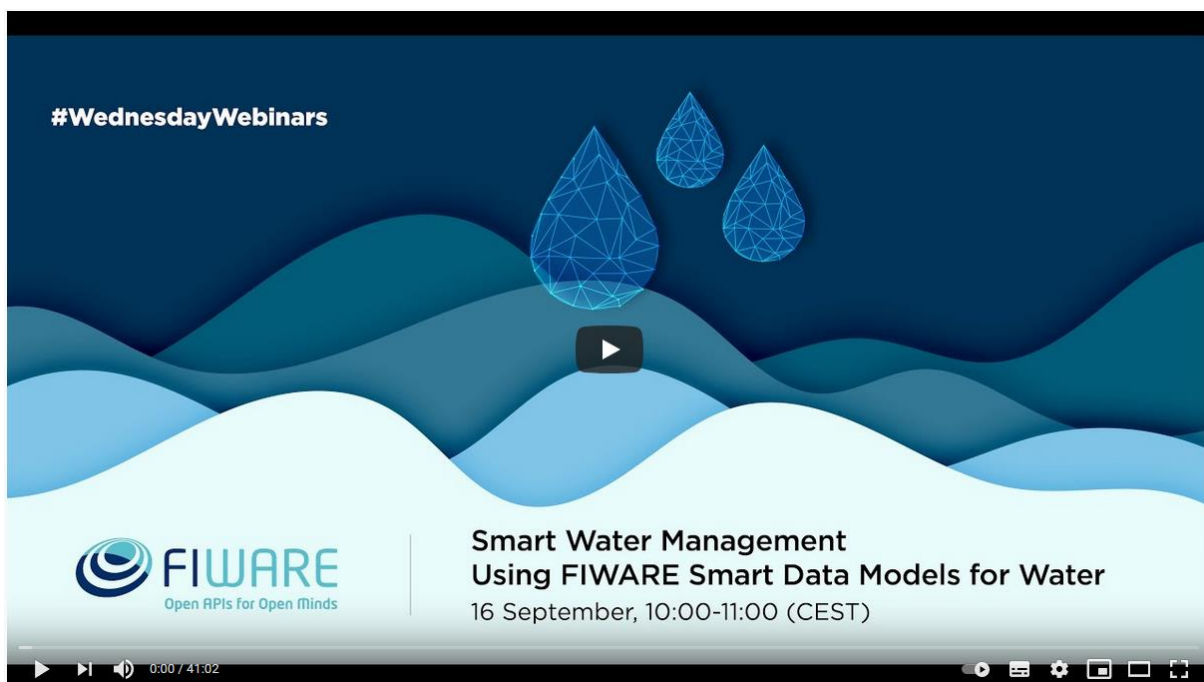
Agenda

1. Context
2. Learning goals
3. Simple questions to start
4. And what will happen to data models you use when…
5. 5 simple question about Smart data models initiative
6. Structure
7. Data models lifecycle
8. Services for users

II.3. Webinar #7-Harvesting the Power of FIWARE across the Entire Water Value Chain – Fiware4Water

Organisers: KWR, Lisa Andrews

Audience: water stakeholders (non It specialist), academia

Duration: 55 minutes

Scope of the webinar: KWR organised a series of webinars dedicated to the European projects KWR is involved in to demonstrate the relevance of EU research for utilities and KWR. The second one focussed on Fiware4Water.

Objective: the webinar aimed at presenting and discussing Fiware4Water and digital water solutions and highlight how this is relevant for water utilities

Link: https://vimeo.com/461289662/328586f17b

Picture 3 - Webinar#7: Harvesting the Power of FIWARE across the Entire Water Value Chain – Fiware4Water

Agenda

Introduction
Presentation of Fiware4Water: Lydia Vamvakeridou-Lyroudia (Senior scientific researcher and programme director Watershare, KWR)
Présentation of the water utilities perspective: Alex van der Helm (Consultant water technology, WaterNet)
Q&A
Discussion

II.4. Webinar #8-Digitalising the future of Water (FIWARE at Green cities)

Organisers: FIWARE

**Audience**: Cities and water managers, SMEs, academia

Duration: 2 hours

Scope of the webinar: Nowadays, a wide range of advanced tools and strategies are used to address pressing challenges in the water sector: from water quality simulations to modelling of water distributions systems, the water domain has not yet reached a satisfying level of maturity when tackling digitization challenges such as fragmentation, lack of a holistic vision, or integration and standardization of the technology.

Objective: The objective of the webinar was to analyse how to overcome those challenges from different perspectives, how it is possible do more with less water in a sustainable manner, from innovation in technology to financing, business models, partnerships, and policy as main enablers for society and businesses to make effective change happen. FIWARE Community experts also discussed how Open Source technology and key standards are contributing to the ability and speed to address urgent challenges and the needs of society and the world as a whole.

Link: https://www.youtube.com/watch?v=KaZW8C3s_98

Picture 4 - Webinar#8:Digitalising the future of Water (FIWARE at Green cities)
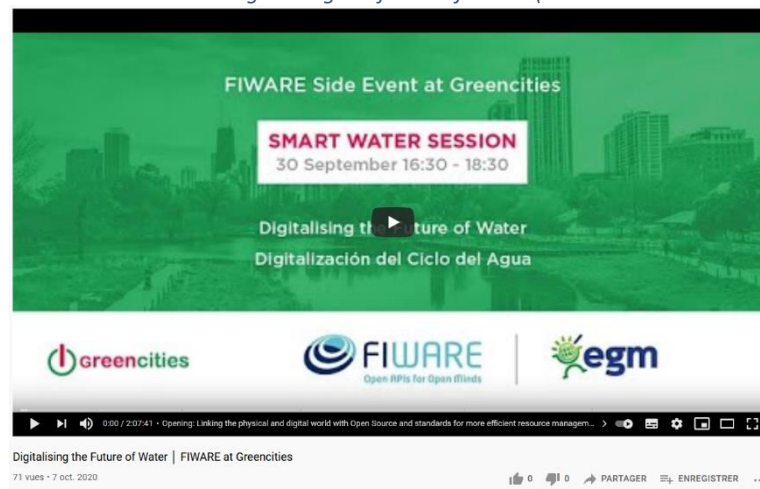
Agenda

Opening: **Linking the physical and digital world with Open Source and standards for more efficient resource management - Contributions from the ICT4Water cluster** Franck Le Gall, CEO, and CTO at Easy Global Market

Water Use Cases: Smart Irrigation in the city - Alexandre Chaffotte - City of St Quentin

Smart City Water Network - Mr. Thomas Grünig, Director of Marketing & Sales, HST Systemtechnik Water management at basin and plot-level - Antonio Skarmeta, Full Professor, Department of Information and Communication Engineering, University of Murcia. -Data model for water management

Using SAREF4WATER model in the FIWARE context- Aitor Corchero Rodriguez, Researcher | Smart Management Unit EURECAT

Data models for water use case: starting from sensor data collection up to more complex scenario, heading toward digital twin of water networks - Alberto Abella, Data Specialist FIWARE Foundation

II.5. Webinar #9- Creation of a Social and Political Consensus employing Digital Water

Organisers: BDG

Audience: Cities and water managers, SMEs, academia

Duration: 2 hours

Speakers: Ciprian Nanu (BDGroup), Richard Elelman (EURECAT), Sonia Siauve (OiEau)

Scope of the webinar: BDGroup (partner of F4W and leader of Demo Network 2[6]), organised webinar#9; which took place on the 3rd November 2020. The webinar was restricted to the participants invited from the municipalities of Timisoara (RO), Szeged (HU) and Novi Das (RS). The webinar launched the activities of Demo Network 2.

Objective: The objective of the webinar was to present F4W to the municipalities and start the social and political Consensus employing digital water with local stakeholders.

Picture 5- Webinar #9: Creation of a Social and Political Consensus employing Digital Water

Agenda

Welcome: Ciprian Nanu, BDGroup

FIWARE4Water Project Presentation: *Sonia Siauve, OIEau(FR); Project Manager*

The creation of a Social and Political Consensus employing Digital Water (in connection with the UN-World Water Quality Alliance Plan for the Social Engagement Platform 2020-2023): Dr.Richard Elelman, Head of Politics EURECAT (SP), Member of the board of Directors Water Europe

Debates and follow up: Moderator: Ciprian Nanu, BDGroup

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[6] see annex 2

II.6. Webinar #10 – How water digital innovations can benefit to Basin Organisations? The on-going experience of Fiware4Water

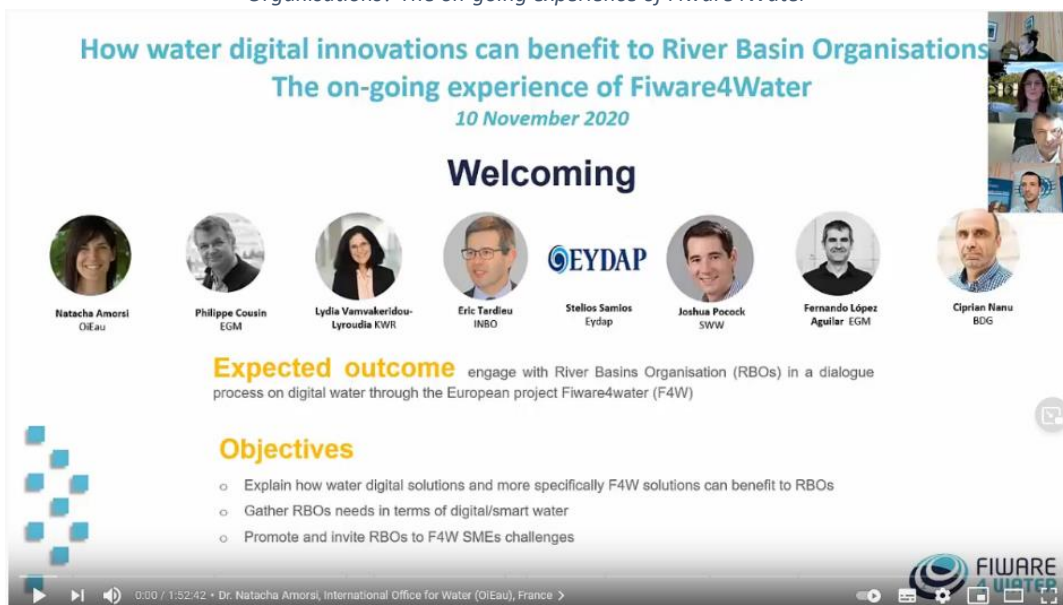**Organiser**: OiEau

Audience: Water authorities

Duration: 2 hours

Scope of the webinar: Webinar #10 dealt with F4W Demo Network 2 (see annex 2). It launched the activity of this Demo Network aiming at up-taking F4W solutions to water authorities. The webinar took place at the 18th (virtual) General Assembly of the International Network of Basin Organisations.

Objective: The objective of the webinar was to (i) explain how water digital solutions and more specifically F4W solutions can benefit to RBOs (ii) gather RBOs needs in terms of digital/smart water (iii) Promote and invite RBOs to F4W SMEs challenges

Link: https://www.youtube.com/watch?v=ZdAqfzA4Zg8

Picture 6- Webinar #10: How Water digital innovations can benefit to Basin Organisations? The on-going experience of Fiware4Water

14h30	**Introduction of the agenda of the workshop** **Dr. Natacha Amorsi**, International Office for Water (OiEau), France
14h35	**How the water sector can benefit from digital innovation?** **Philippe Cousin**, Easy Global Market (EGM), France
14h50	**On-going results of Fiware4Water that can benefit to River Basin Organisations** **Dr Lydia Vamvakeridou-Lyroudia,** KWR Water, the Dutch research institute for the drinking water sector
15h10	**Round Table: Digital innovation for smart water, which opportunities for River Basin Organisations?** Moderator: Dr. Natacha Amorsi, International Office for Water (OiEau), France **Speakers**: **Dr. Eric Tardieu**, INBO General Secretary **M. Stelios Samios**, EYDAP, Athens Water Supply and sewerage company, Greece **M. Joshua Pocock**, SWW, South West Water, United Kingdom **M. Fernando López Aguilar**, FIWARE Foundation, Germany **M. Ciprian Nanu**, Business Development Group (BDG), Romania
16h00	**Session questions/answers**: Dr. Natacha Amorsi (OiEau)
16h20	**Conclusions**: Dr. Natacha Amorsi (OiEau)
16h30	**End**

III. Demo Case #4[7]: Local water forum

The Centre for Water Systems (CWS) at the University of Exeter and South West Water (SWW) have been meeting regularly this year with the community of Great Torrington in Devon, England, to create a Local Water Forum.

A Local Water Forum is a group of people from a village, town or city who want to participate in actions which will contribute to solving water-related problems. Everyone is welcome to join; young and old, local councillors, scientists, businesspeople, artists, nature lovers and citizens who are concerned about the future of the planet and want to do something about it at a local level.

During the first online session, the community of Great Torrington met together with members of the local council, South West Water, and representatives of Fiware4Water from the University of Exeter. After introductions, there was a discussion about the water situation in the World and about local water issues.

The second online session was an opportunity for the community to brainstorm and discuss ideas for a water awareness campaign; activities and events that would get the town talking about water and people's usage. Ben Ward and Josh Pocock from SWW were also on hand to take questions about the new smart water meters that are being installed in the town. There was keen interest from the community to be involved in helping SWW to design the app.

At the third online session, the forum decided to lead on three activities which include creating a fun activity pack for children, designing a list of 'quick fixes' to demonstrate how people can reduce water usage, and having a water day in June 2021.
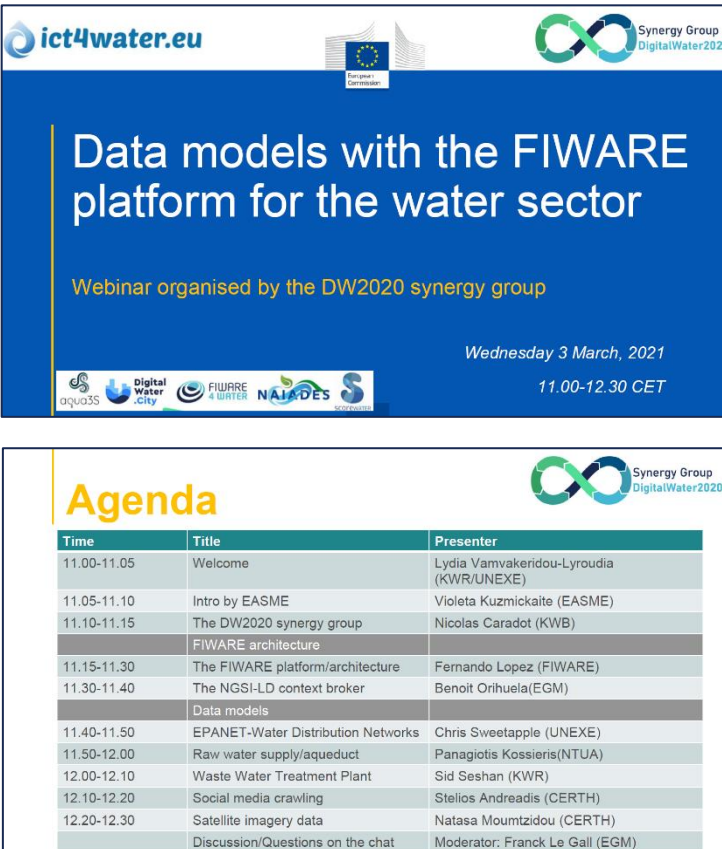
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[7] See annex 1

IV. DW2020 Synergy Group webinar

DigitalWater2020 Synergy Group gathers five H2020 projects that started in the summer of 2019: digital-water.city, Score Water, Fiware4Water, Naiades and aqua3S. The five projects have a common theme: Digital Water, with a variety of case studies and approaches, but also with several similarities in challenges, scope and goals. They also all participate to the ICT4Water cluster.

DW2020 is organised along four thematic areas/task forces: Task Force 1: Ontologies, Task Force 2: Sensors demonstration, Task Force 3: Business models and Task Force 4: Communication, each with its own task force leader. Additionally a fifth task force (Task Force 0: Management) has been created, to coordinate the efforts and activities overall.

Picture 7- DW2020 Webinar Agenda

Many meetings are happening within each task force. And to share knowledge, experiences and ideas on the use of FIWARE for the water sector, a technical webinar discussing the FIWARE platform architecture and data models, targeting IT specialists was organised on March 3, 2021 (11.00-12.30CET)
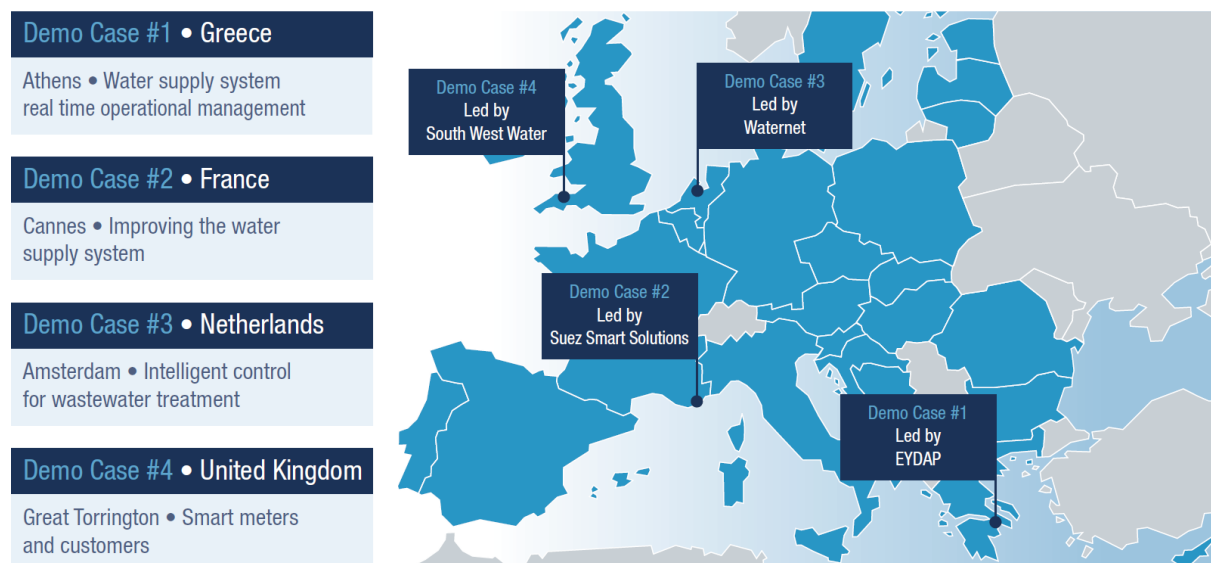
Conclusion and Perspectives

During the first year of the project, 3 out of the 9 webinars planned as part of the communication and dissemination strategy were held. They were an opportunity to present the solutions proposed by the project and to open discussions on the digitalisation of the water sector and the existing tools. These events were also an opportunity to ensure synergies, both between the different partners of the project, and with other projects and external clusters. The first series focussed on the solutions developed by and for the four Demo Cases of the project (see annex 1).

During the second year, 6 webinars took place. The smart solutions development was still under progress and presented in the webinar #6 (Smart water management, Using Fiware Smart Data Models for Water) and #7 (Harvesting the Power of FIWARE across the Entire Water Value Chain – Fiware4Water). Then, the global scope slightly change to open up the webinars to non-IT experts audiences and target the potential end-users (municipalities and water authorities) with webinar #5 (Digitalising the future of Water (FIWARE water day), #8 (Digitalising the future of Water (FIWARE at Green cities), #9 (Creation of a Social and Political Consensus employing Digital Water) and #10 (How Water digital innovations can benefit to Basin Organisations? The on-going experience of Fiware4Water). The move from the IT audience to the potential end-users of F4W solutions is characterised by the launch of F4W Demo Networks#1 (Municipalities in the Lower Danube) and #2 (Water authorities). In addition, 3 on-line sessions were organised by the Demo network #4 and a webinar was organised by the DigitalWater2020 synergy group.

During the last year of the project, webinars and on line events will be carried with a strong focus on the potential F4W solutions up-take and related activities of the Demo Networks along with the promotion of F4W smart water solutions. The first version of F4W E-book is planned for September 2021. It will raise and explain digital water issues and preliminary F4W solutions. The final version will be delivered at the end of the project and include all F4W solutions.

Annex 1: Fiware4Water Demo Cases

Demo Case #1 • Greece

Athens • Water supply system real time operational management

Demo Case #2 • France

Cannes • Improving the water supply system

Demo Case #3 • Netherlands

Amsterdam • Intelligent control for wastewater treatment

Demo Case #4 • United Kingdom

Great Torrington • Smart meters and customers

Demo Case #4
Led by
South West Water

Demo Case #3
Led by
Waternet

Demo Case #2
Led by
Suez Smart Solutions

Demo Case #1
Led by
EYDAP

Annex 2: Fiware4Water Demo Networks

Demo Network #1
MUNICIPALITIES

LOWER DANUBE, THE MIDDLE EAST & NORTH AFRICA LED BY BUSINESS DEVELOPMENT GROUP

Assessment of the potential for uptake of the Fiware4Water portfolio of smart devices and Apps in the area, based on the ConCensus approach

Demo Network #2
WATER AUTHORITIES

INTERNATIONAL NETWORK OF BASIN ORGANISATIONS LED BY INTERNATIONAL OFFICE FOR WATER

Organisation of 6 workshops to showcase the benefits of Fiware4Water smart applications and devices for managing water in an integrated way

Demo Network #3
TECHNOLOGY PROVIDERS

FIWARE INNOVATION HUBS LED BY FIWARE

Implementation of a technology transfer program to support water management-oriented SMEs, based on Fiware Mundus programme (incl. SMEs challenges)