



D10.3 – PROJECT WEBSITE

WP10 – Impact Creation,
Dissemination and Exploitation

Document Information

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ABSTRACT	This deliverable serves as a complementary report to the project's website aqua3S.eu, explaining its structure and the rationale behind its creation.		

Document History

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1. Executive summary

aqua3S project website (aqua3S.eu) is an invaluable tool for the project, as it is the first source of information about the project. Therefore, it has to be successfully created so that the project aims and objectives are well-explained and the information about the project activities and results are clearly disseminated.

As a dissemination vehicle, this website also gives visibility to what the project has created e.g. journal articles, publications, and presentations at conferences.

2. Project website

In order to accomplish the above mentioned, the following structure has been developed:

2.1 Home Menu - Header

The objective was to create a very clear structure. The main goal of this menu is that the most important contents are accessible in less than 3 clicks.

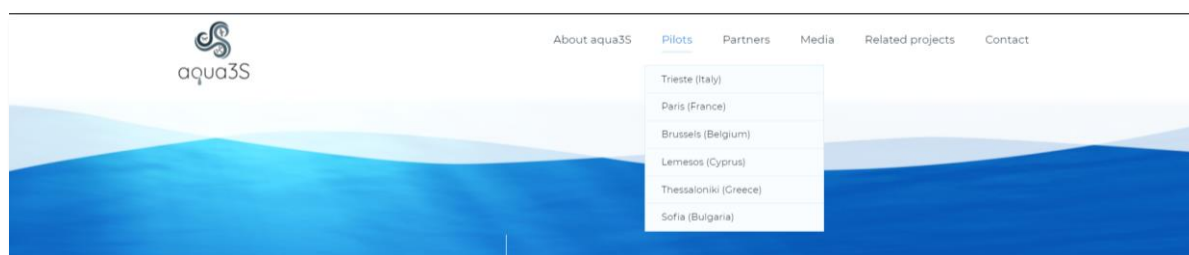


Figure 1 - Home Page Header

2.2 Home Menu – Footer

In the footer aims at, independently on where the user is browsing, give direct access to Social Media, aqua3S pilots and subscribe to aqua3S newsletter. Additionally, the reference to the funding programme is always visible.



Figure 2 - Home Page Footer

2.3 Home Page – General Information

The home page provides a general overview of the project. It includes:

- Brief description of aqua3S
- Direct access to the pilots
- Partners' logos
- Access to the latest news
- Reference to the Funding programme: H2020



Figure 3 - Home Page: Brief aqua3S description



Figure 4 - Home Page: Pilots

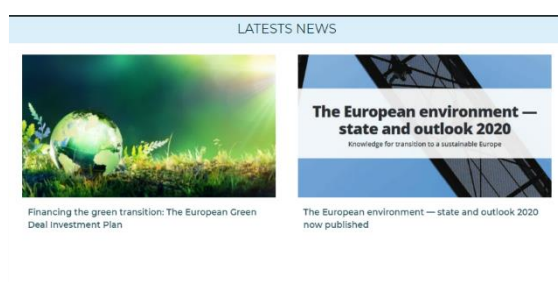


Figure 6 - Home Page: Latest News



Figure 5 - Home Page: Partners' Logos and Funding Programme Reference

2.4 Home Page Project Description

In this section there is all important information regarding the project itself: project background, project description, objectives, budget, duration, expected results, main activities as well as the organization structure.



Figure 7 - Project Summary

Expected results & impact

aqua3S foresees the improvement of innovation capacity and integration of new knowledge in five main areas of innovation:



Innovation in substance detection in water

aqua3S will customise and integrate a set of available sensors deployed at key points under control of the water utilities in order to cover the maximum possible number of these substances and send the relevant warning signal.



Innovation in social media monitoring

aqua3S will gather social media data in social media public and open accounts to focus on the event and the creation of social awareness.



Innovation in data acquisition from UAVs and earth observation

aqua3S streams of EO data will be continuously gathered and analysed to forecast natural hazards which potentially affect the water quality or monitor their changes in a predefined area of interest.



Innovation in algorithms for threat detection and localisation in the existing water distribution networks

The algorithm will be implemented as a software tool for anomaly detection at water distribution networks and will be integrated into the early warning system.



Innovation in crisis management modelling for enhance preparedness

Through aqua3S crisis management, modelling for each case study of the project will be implemented.

Figure 8 - aqua3S expected results

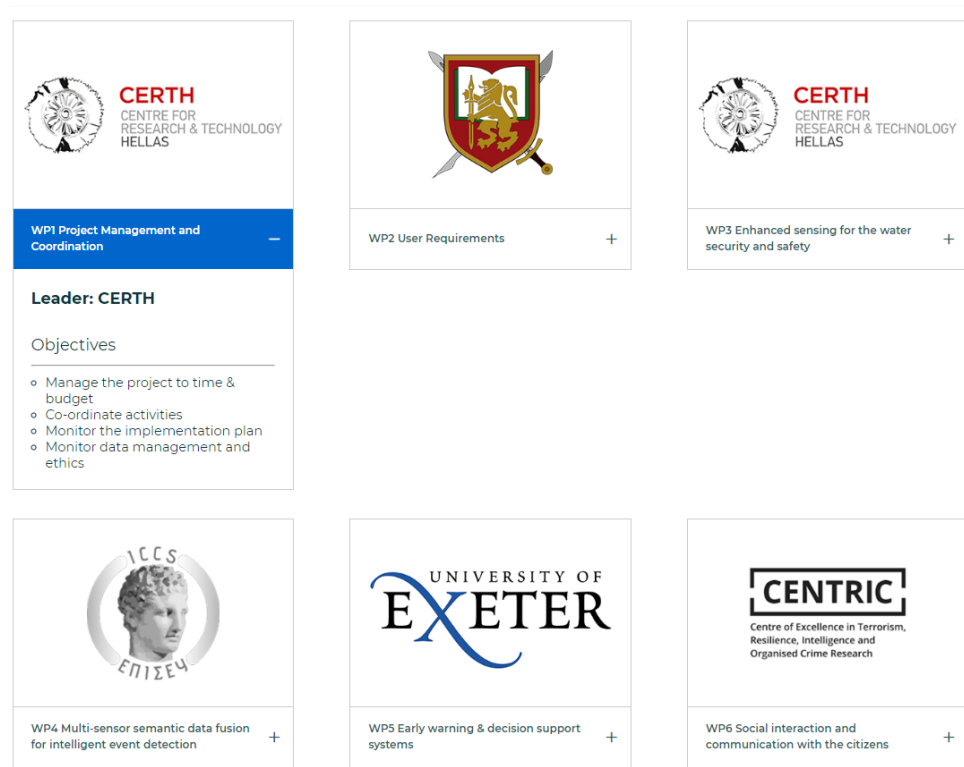


Figure 9 - Work Package Descriptions and Leaders

2.5 Pilots Page Description

A dedicated page per pilot is included in the website. Each of the six pilot pages includes a general description, the actions and expected results as well as the involved partners.



Figure 10: Trieste – Pilot Title

Located in the north-central part of Belgium, **Brussels is the richest and most populous region of the country**



The quality of drinking water can be negatively affected by many human activities, because of unwanted or deliberate pollution. These pollution events can take place at the resource (raw water at the catchment), but can also happen closer to the consumer, in the distribution network, and also at other locations in between these two extreme stages (e.g. water treatment, water storage).

Once the water is polluted, it will flow downstream to the consumer if no early warning has been raised. Since many customers are connected to the same drinking water network, the spread of any pollution **can expose many customers at the same time, with potential health negative consequences.**

Figure 11: Brussels – Pilot Brief Description

Actions and expected results

aqua3S exploits the existing functionalities of AQUADVANCED™, being a software suite published by SUEZ Smart Solutions (3S), dedicated to the real-time water networks management. AQUADVANCED™ also contains water quality monitoring functionalities. 3S and CIRSEE collaborate since more than 20 years on numerous research projects on drinking water. The expectations for SUEZ are:

- Assess the business and technical interests of the aqua3S platform**
 - Architecture, services and interfacing capabilities (APIs)
 - Ease of implementation, performance and security
- Exchange data between the aqua3S platform and SUEZ legacy software**
 - AQUACALC®: real time data management
 - AQUADVANCED® software suite
- Hydraulic and quality issues**
 - Improve existing modules or develop new modules for SUEZ software
 - Identify possible partnerships in the future?
- IT issues**
 - Develop IT connectors for exchanging data between the aqua3S platform and SUEZ legacy software
 - Improve / Develop control modules for managing the water supply system in real time

Figure 12: Paris – Actions and expected results

Lead partners



ΕΥΑΘ
Ποιότητα Ζωής!
ΕΤΑΙΡΕΙΑ ΥΔΡΕΥΣΗΣ & ΑΠΟΚΕΤΕΥΣΗΣ ΘΕΣΣΑΛΟΝΙΚΗΣ Α.Ε.



REGION of
CENTRAL
MACEDONIA

Figure 13: Thessaloniki – Partners

2.6 Partners Page Description

This section includes a short description of each consortium member, their logos and their website.






 <p>+info +</p>	 <p>+info -</p>	 <p>+info +</p>
 <p>+info +</p>	<p>DRAXIS ENVIRONMENTAL S.A</p> <p>Founded in 2000 in Thessaloniki, DRAXIS focuses on developing real-life environmental ICT solutions and providing specialized environmental consultation services. DRAXIS creates solutions for air pollution, environment, e-government, sustainable agriculture and energy, offering custom-made tools that reflect their commitment to be of service to the environment.</p> <p>draxis.gr</p> <p>Contact person: Katerina Valta (Project Manager)</p>	 <p>+info +</p>
 <p>+info +</p>		 <p>+info +</p>

Figure 14 – Consortium


In addition to the consortium's page, there is a dedicated page for the user group in which a short explanation, main objectives and a form to join the group are included.

The role of the User Group is to advise the Project Management Board (PMB).
The User Group (UG) contains, apart from the regular members of the Consortium, a number of **affiliated users**. It is run by a **committee chaired by AAWA**, with representatives of all partners and affiliated members.


The User Group's objectives are to:



Build relations with wider non-partner user groups in a constituency that consists of potential customers and representatives of related projects who would be likely users of the aqua3S results.




To arrange consultation, interviews and workshops for two-way feedback on the project's developments.



To advise on user requirements and their evolution as well as the technologies for expressive social agents develop, external user participation in trials and evaluations, and the applicability of solutions to other contexts.

JOIN THE AQUA3S USER GROUP

Figure 15 - User Group



aqua3S

Join the aqua3S User Group

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- To arrange consultation, interviews and workshops for two-way feedback on the project's developments.
- To advise on user requirements and their evolution as well as the technologies for expressive social agents develop, external user participation in trials and evaluations, and the applicability of solutions to other contexts.

Organization *

Type of organization *

Location *

Name *


Name Surname

Position *

Figure 16 - Join aqua3S User Group page


2.7 Media

NEWS




Water Crises among the 10 top risks over the next 10 years

The 15th edition of the World Economic Forum's Global Risks Report was launched last week, presenting the major risks the world will be facing in the coming year. For the 9th consecutive time, water crises appear to be among the top five risks in terms of impact, together...



Financing the green transition: The European Green Deal Investment Plan

The evolution towards a healthy planet, a climate-neutral and circular economy and a novel digital world is a transition that Europe can globally lead, under a new European Green Deal. The European Green Deal intends to make Europe the world's first climate-neutral continent. The European Commission...




The European environment — state and outlook 2020 now published


Besides the considerable progress, Europe continues to face serious environmental challenges. This is the conclusion reached in the new Environment Report 2020 from the European Environment Agency (EEA). The report says that Europe will not achieve its 2030 goals without urgent action during the next 10 years to...

Figure 17: News page

DOWNLOADS



aqua3S Logo
File: aqua3S_300dpi.png
[Download](#)



aqua3S Poster Online
File: aqua3S_poster_online.pdf
[Download](#)

Figure 18: Downloads page (only public material)

2.8 Related Projects

Clustering activities within other similar projects are essential to foster collaboration and knowledge exchange. A dedicated section with projects following same technologies or pursuing similar objectives has been created. This section will be completed with other projects with the project advances.



Figure 19 - Related projects

2.9 Contact Form

Contact us

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Figure 20 - Contact Form

3. Additional Information

- Due date: February 2020
- Development: CMS – WordPress.
- The website will also provide Google Analytics reports