

We're excited to bring you some exciting updates, including news on recent and upcoming events, accomplishments, and ongoing projects!

H2OforAll – Recall information about the project!

H2OforAll project aims to assess main Disinfection By products (DBPs) sources through the development of fast, cost-effective and accurate sensor monitoring devices and by modelling their spread through drinking water distribution systems. DBPs toxicity and environmental impact will be studied and measures will be proposed to protect drinking water chain.

Improving quality of drinking water

H2OforAll proposes novel technologies and approaches to safeguard the quality of drinking water by minimizing disinfection by-products (DBPs) during disinfection and monitoring their behaviour along the drinking water distribution systems.



[Know more about the project](#)

Evaluating the sustainability of the advanced drinking water treatment technologies



H2OforAll projects aims to reduce the disinfection by-products (DBPs) in the drinking water. However new disinfection approaches to prevent the formation

of DBPs or the developed technologies to remove already formed DBPs will cause using different kinds of resources or consumption of more resources. Using more resources or different kind of resources might cause additional pressure on the environment or increase the costs. In addition, different resources might cause environmental impact in different life cycle stages and can cause different impacts. For example, a change in the used materials can increase acidification potential while decreasing global warming potential or vice versa. Therefore, it is very important to assess the environmental and economic sustainability of the new technologies with a life cycle perspective to avoid burden shifting and detect sustainability hotspots in the early stages of technology development. This early assessment will also provide insights for the technology developers to develop more sustainable technologies.

It is also important to make fair assessments of sustainability when comparing conventional technologies with new and more advanced technologies which might increase the resource consumption but also increases the quality of the product which is drinking water in this case with reduced amounts of DBPs.

In the context of WP5 of H2OforAll project, environmental and economic sustainability of the developed DBP prevention and removal technologies are assessed and compared with the environmental and economic performances of a reference water treatment plant. The tasks under WP5 are conducted by IVL Swedish Environmental Research Institute in collaboration with University of Coimbra (Portugal), University of Haifa (Israel), University of Gdansk (Poland), KTH Royal Institute of Technology in Stockholm (Sweden), and the companies Adventech (Portugal) and Atlantium (Israel).

By integrating sustainability considerations in the early design stage of technology development, the results of WP5 will enable new water treatment technologies to be sustainable by design.



LATEST EVENTS

“Water, an Unfiltered Exhibition” took place in Barcelona (Spain) on February 8 and 9, 2025!

The focus of the H2OforAll exhibit was to **raise awareness among children** about water contamination and purification methods. Interactive demonstrations were designed to be engaging and educational, showing how certain materials can effectively remove pollutants from water.



This event provided an excellent platform to engage with the public (especially younger children) and communicate the importance of access to **high-quality, uncontaminated water**. H2OforAll was present alongside other H2OforAll representatives from the **Departamento de Engenharia Química (Universidade de Coimbra, Portugal)**, as well as a partner from the **UPWater project (CSIC, Spain)**, reinforcing collaboration in water purification and sustainability research.

[Read more](#)

Workshop on Prevention measures and management of DBPs was held on 27 March 2025 in London, GB



In this workshop, we aimed to engage with drinking water experts, operators, regulators that are working in this field and can contribute to the discussion on prevention measures to minimize DBPs spread.

Main objectives of the workshop were:

- To discuss preventative and corrective measures to manage DBPs.
- To share the participant's experience with preventative and corrective measures for mitigating DBPs in drinking water.
- To come up with recommendations for best practice to mitigate/manage the spread/formation of DBPs in drinking water.

During the workshop, we uncovered some important topics, such as risk management, prevention measures and new technologies for monitoring, water safety plans and treatment methodologies.

Insightful feedback regarding this event

"The Association of State Drinking Water Administrators (ASDWA) had the pleasure of attending the H2O For All Workshop this spring in London. We are incredibly grateful to have had the opportunity to share the perspective of the United States state drinking water programs and their approaches to addressing disinfection byproducts. As the United States moves towards a revision to our Disinfection Byproducts Rule, the information shared on international research and strategies to manage disinfection byproducts will be useful. The Workshop was an excellent way to hear about the innovative work being done across Europe and around the world to tackle this shared water quality challenge."

[More information](#)

Social study – participate in our survey!



This survey explores awareness, perceptions, and potential actions regarding Disinfection By-Products (DBPs) in tap water, with a focus on

health risks and regulatory standards.

Please share your attitude on water consumption habits, perceived health risks of DBPs, trust in regulations, and responsibility between suppliers and consumers.

Results of this survey can offer strategies for better communication, encourage safer water practices at home, and guide policy or supplier interventions.

[Start survey](#)

Webinar "Preparing drinking water supply systems for climate change – case study insights" took place on April 3rd, 2025!

The H2OforAll project, in collaboration with SafeCREW, organised a crucial webinar on **April 3, 2025**, titled *"Preparing Drinking Water Supply Systems for Climate Change – Case Study Insights"*. This online event gathered together leading researchers, regulators, and water supply operators to tackle the challenges posed by **Disinfection By-Products (DBPs)** in drinking water.

More information will be available on the project social media soon.

2nd H2OforAll Workshop "Prevention measures and management of DBPs in drinking water (Disinfection by products).

The H2OforAll consortium is conducting a stakeholder engagement activity to address the management of disinfection byproducts (DBPs). The consortium group has opted to host multiple workshops on-line, involving stakeholders in the drinking water sector. These workshops aim to understand current and future concerns regarding DBP formation and gather recommendations on prevention measures for inclusion in the final public report due in November 2025. Afterwards, these recommendations will be delivered upon by industry experts, policymakers, and other pertinent stakeholders.



This report covers the second workshop in this series, which was held online on 10th December 2024 from 10:00 AM to 1:00 PM CET.

[Read the full report](#)

UPCOMING EVENTS

Co-creation workshop with water treatment experts

H2OforAll is planning a co-creation workshop with water treatment experts. The primary goal of this co-creation workshop is to share knowledge and best practices for preventing and mitigating pollution sources and disinfection byproducts (DBPs) in drinking water systems.

These workshops allow to foster collaboration and innovation through some specific objectives, such as showcasing advancements in water treatment technologies, highlighting global prevention measures and mitigation practices related to DBPs, exploring strategies for raising public awareness about water quality, gathering feedback from participants to refine communication materials and outreach approaches, ensuring they resonate with and educate diverse audiences effectively.

Get more updates soon on our website.



Website

H2OforAll Exploitation Approach

The H2OforAll exploitation strategy focuses on securing the long-term impact of the project results and providing access to the intended audiences.

As part of this approach, the project aims to ensure the utilization and dissemination of its outcomes throughout and beyond its lifecycle.

To achieve this, we have begun discussions with project members to identify the key exploitable results (KERs).

This conversation marks the first step in a series of actions aimed at ensuring the sustainability of the project.

Our initial work focused on defining the key project KERs and analyzing the outcomes. We are now progressing with the main project's results and exploring strategies to maintain them. Stay tuned for more updates coming soon.



HOW TO ENGAGE WITH US

<https://h2oforall.eu/>

Check out our social media platforms





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