



# FOUNTAIN

**PER AND POLYFLUORINATED ALKYL SUBSTANCES IN  
GROUNDWATER: WATER TREATMENT FOR INDUSTRIAL  
USE IN THE SURFACE FINISHING INDUSTRY**

Project co-funded by the EU LIFE Programme  
under GA Nr. 101074321

Press release | 13<sup>th</sup> June 2024

## **LIFE FOUNTAIN PROJECT and LIFE ANHIDRA PROJECT together for a proficient networking activity**

In the framework of the networking and clustering activity, strongly encouraged by the EU's Funding Programmes, at the end of May, **LIFE FOUNTAIN Project** joined another LIFE Project called **LIFE ANHIDRA**.

The aim of this cooperation is to join forces and share knowledge in order to provide effective solutions for the removal of pollutants from water, both groundwater and waste water deriving from industrial processes.

**About LIFE ANHIDRA – [www.jeanologia.com/lifeanhidra](http://www.jeanologia.com/lifeanhidra)**



**LIFE ANHIDRA**, co-funded by the EU's LIFE PROGRAMME with GA Nr. 101074372, aims to develop and validate an innovative, efficient, and effective solution to **water regeneration and in situ reuse of water in textile finishing process**.

The project, coordinated by Jeanologia (Spain), develops a demonstrator being installed on an industrial scale at the Portuguese textile finishing company Pizarro in collaboration

with AITEX (Spain).

The demonstrator is based on a pilot closed-loop system that treats water, leaving it in optimal conditions for reuse in garment finishing and washing processes without the need for additional chemicals to treat the incoming water.

The new closed-loop concept will allow water reuse in industrial washing machines during 60 operation days, saving up to 21,000 m<sup>3</sup> during this period, and 123,408 m<sup>3</sup>/year in one industrial facility.

In addition to save fresh water, LIFE ANHIDRA avoids massive discharges of emerging pollutants, microfibers and pathogens.

The synergy and collaboration between LIFE FOUNTAIN and LIFE ANHIDRA will be significant to achieve common objectives such as:

- Lowering operation cost by reducing water bill
- Reducing wastewater treatment costs
- Potentially improving pollutant removal efficiency in wastewater treatment
- Reducing the environmental risk related to the transport of wastewater
- Cutting down on freshwater use
- Reducing water resource and energy consumption

The sharing of knowledge acquired in the two individual projects and future joint activities will encourage the development and diffusion of different water purification technologies applicable in numerous different industrial contexts.

## EU GREEN WEEK PARTNER EVENT: “Demonstration of water management in the industry by EU-funded and LIFE projects” – First cooperation action with LIFE ANHIDRA

EU Green Week is an annual opportunity to raise awareness, promote and discuss European environmental policy. Organised by the European Commission’s Directorate-General for Environment, this high-level event attracts policymakers, leading environmentalists, stakeholders, and interested parties from across Europe and the globe.

The 2024 EU Green Week is part of [#WaterWiseEU](#), a campaign to stimulate an EU-wide conversation around water today and in the future; various “partner events” are organized and focused on water resilience.

One of this partner event is titled “**Demonstration of water management in the industry by EU-funded and LIFE projects**” and organized by our sister project **LIFE ANHIDRA**.

Being divided in 3 main thematic areas, this webinar is focused on demonstration of water management technologies and valorisation processes implemented and replicable in several industrial sectors:

- Textile companies and industrial districts.
- Metal manufacturing and hard-surfaces finishing industries.
- Cosmetic companies.
- Design and manufacturing of water filtration and purification systems.

Exchange of knowledge for inspiring new projects, learning about good practices developed at EU level and promotion of synergies for boosting the water resilience of the EU industry are the main goals of the webinar.

During this workshop, the **LIFE FOUNTAIN** Project will be presented by the partner Luca Magagnin - Politecnico di Milano with a presentation titled: “**Efficient removal of perfluorooctanoic acid (PFOA) from water with magnetic fluids**”.



The draft agenda is available in the “News” area of the website [www.fountain-project.eu](http://www.fountain-project.eu).

**The workshop will be held on Monday, June 17, 2024 from 10.00 to 12.45 CEST, online via Teams.**

**The participation is free; to register click [here](#) .**

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