



The project players

The Life-RECYCLO project is the result of a collaboration between **three European countries**. In France, **Treewater**, the project coordinator, contributed its expertise and technology in advanced oxidation and water treatment.

In Spain, the **ICRA** institute, which specialises in analysis, has developed and optimised its techniques for quantifying the micropollutants present in the highly complex environment of laundry wastewater.

Three laundries, **GRUPFRN**, **KLIN** and **BSJ**, located in Spain, Luxembourg and France respectively, have agreed to receive a RECYCLO prototype in order to optimise the process on a commercial scale.



News from the project



Technical achievements

Last October, you followed the installation of the project's first prototype in the laundry of our partner, the **Ramon Noguera Foundation**.

The Recyclo module has already treated almost **100 m³** of effluent, eliminating over **95% of pollution** (COD, surfactants, hydrocarbons, etc.).

We have therefore exceeded our initial target!

Our observations confirm our initial hypotheses: the Recyclo module is proving its effectiveness on different types of micropollutants found in laundry effluent: endocrine disruptors such as DEHP are 100% eliminated by the prototype, as are ibuprofen and caffeine.

The initial results of our prototype are encouraging and promising for the future of our project!

Some new milestones :

The European Life-RECYCLO project, part of the European Commission's LIFE programme, began in September 2021 and was due to finish in February of 2024.

The European Commission has granted the project a **two-year extension** to complete all the project's objectives (setting up three prototypes, analytical monitoring, etc.). The new end date for the project is scheduled for **February of 2026**.

Beyond the initial objectives, this extension will enable us to investigate the performance of the RECYCLO process on two major issues: **the elimination of PFAS** (eternal pollutants) and **microplastics**.

Disseminating the project



The 3-part documentary telling the story of the project was shown. To mark World Water Day, a screening was organised for an audience eager to learn more about the project.

You can find the full documentary by following these links:

- [Episode 1](#)
- [Episode 2](#)
- [Episode 3](#)

RECYCLO was present at :

4 professional events :

- The ETSA webinar on December 15th 2023
- The CWP Water Innovation Day on February 14th 2024 in Barcelona (Spain) where Life RECYCLO received the third prize for the best R&D projects.
- The CWP webinar for sister projects on June 5th 2024
- The EU Green Week webinar organised by Life ANHIDRA on 17 June 2024

And 1 event for the general public:

- Water Day organised by H2O'Lyon on March 22nd 2024.



What comes next

Coming soon

The pilot for the Klin laundry in Luxembourg is currently **under construction**.

Monitoring and analyses are continuing on the prototype of the Spanish laundry Grup FRN.

Experiments to eliminate microplastics and PFAS have begun and will be the subject of future communications.

You will be able to find us

- **On 8, 9 and 10 October 2024** at the 26th Journées Information Eau (JIE) at ENSI Poitiers.
- **From 29 to 31 October 2024** at the Euro-Mediterranean Conference on Wastewater Reuse in Montpellier.

Follow our social media :

 @LifeRECYCLO

 @life-recyclo

And discover all our latest news on our website : <https://www.treewater.fr/en/recyclo>

