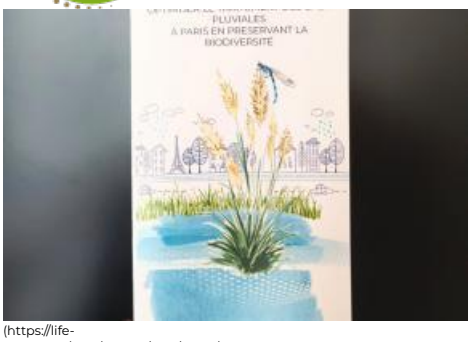


(https://life-adsorb.eu/sites/default/files/styles/img__1280x768__image_scale__crop_main/public/media/images/whatsapp_image_2025-03-21_at_11.12.05.jpeg?itok=fEeLZcfk)

COMMUNICATION

A brochure to help you understand

What if reeds became silent allies in improving water quality in Paris? The City of Paris, alongside scientific, technical, and institutional partners, presents a new brochure dedicated to the European LIFE ADSORB project. It offers an accessible, illustrated overview of a green innovation that transforms polluted runoff from the ring road into a better-managed resource.

Published on 2 May 2025

A Hidden Challenge, a Natural Solution

Every rainfall in the city washes away a mix of pollutants: hydrocarbons, heavy metals, fine particles... All of which end up in the Seine. The LIFE ADSORB project proposes a **nature-based solution**: **reed bed filters**, capable of retaining and breaking down these pollutants through a combination of substrates, bacteria, and vegetation.

A Green Technology in the Heart of Paris

Installed in the **Bois de Boulogne**, the two experimental filters treat stormwater runoff from a 21-hectare section of the western ring road. One is a conventional design, the other includes an **innovative adsorbent material**. Together, they help researchers identify the best strategies to **reduce urban micropollutants**.

A Brochure Worth Discovering

This new brochure presents:

- How reed bed filters work
- The essential role of bacteria and plants in water treatment
- Promising scientific results from the pilot project
- The environmental benefits for the city and the Seine River

- The environmental benefits for the city and the Seine River.

 A must-read to understand how nature inspires the urban solutions of tomorrow. **Download the brochure e** to learn more!