

Who's behind GREENHOOD?

We are a consortium of 31 international partners, bringing together expertise in nutrient management, sustainable agriculture, water policy, circular technologies, and stakeholder engagement.



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Nutrient management strategies for regional ecosystems across Europe

Re-balancing nutrient flows to tackle climate change and biodiversity loss.

Rebalancing Europe's nutrients

A transformative approach to cut nutrient losses by 50%

Aligned with the EU's Biodiversity, Farm to Fork, Zero Pollution, and Blue Economy strategies, GREENHOOD pioneers regional, participatory solutions to tackle nutrient imbalances in **soil, water, and air**.

Our Concept

- **Prevent** excess nutrients at the source
- **Reduce** pollution in waste streams
- **Recover & reuse** nutrients for circularity

From Concept to Reality

Four demo-regions will co-develop and test:

- Cross-sector bio-based fertiliser value chains
- Optimised nutrient budgets using advanced modelling
- Tech & governance innovations co-designed with stakeholders
- EU-wide knowledge sharing to scale solutions

From Reality to Results

Each demo-region will:

- **Test** nutrient recovery techniques
- **Define** regional nutrient budgets
- **Create** tailored governance/business models

From Results to People

- **Farmers** with circular practices
- **Industries** with recovery solutions
- **Policymakers** with EU-aligned tools

Tailored solutions

No single solution fits all when it comes to sustainable nutrient management. The GREENHOOD project focuses on **four distinct European demo-regions** — each facing **unique environmental challenges** — to co-develop and test innovative strategies for restoring nutrient balance. By addressing **nitrogen and phosphorus imbalances** in real-world conditions, we are setting the foundations for scalable, region-specific solutions.

GREENHOOD demo-regions

GREENHOOD's demo regions — **Ebro River Basin (Spain), Rhine/Meuse/Scheldt Basins (Belgium/the Netherlands), Archipelago Sea Basin (Finland), and Trondheim Fjord Basin (Norway)** — represent varied ecosystems and challenges. By analysing and testing in these areas, we ensure solutions are as diverse as the environments they serve.

Each basin tells a different story, but all share a common goal: balancing ecosystems for a sustainable future.

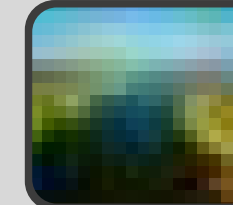


Demo-regions in action



Ebro river basin

Stretching across the regions of Aragon and Catalonia, the Ebro River Basin is one of Spain's largest and most vital watersheds. The region faces nutrient imbalances primarily due to intensive agricultural activities.



Rhine, Meuse & Scheldt Basins

The Rhine, Meuse & Scheldt Basins in the lowlands of Belgium and the Netherlands converge before entering the North Sea. This heavily farmed region results in high nutrient levels in surface and groundwater.



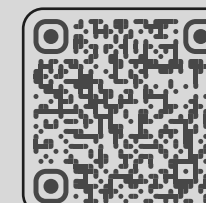
Archipelago Sea Basin

The Archipelago Sea is a shallow basin with over 40,000 islands. The region faces nutrient loading from agriculture activities, causing eutrophication and water quality decline.



Trondheim Fjord Basin

The Trondheim Fjord Basin represents Trøndelag County in Norway, a region with high nutrient surpluses due to intensive aquaculture and livestock production. Fertiliser use causes nutrient buildup, risking eutrophication.



Are you interested in GREENHOOD nutrient management strategies?
Fill out the form!