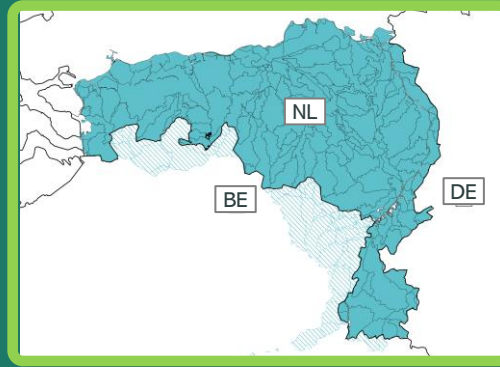




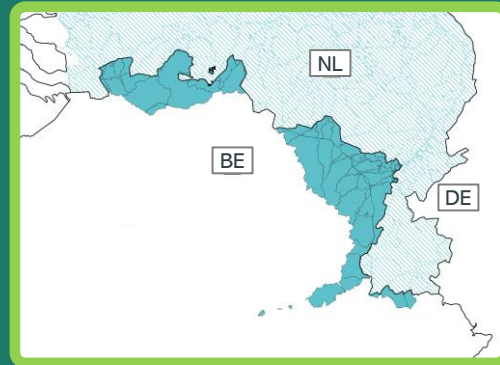
Neagh-Bann



Dutch Meuse



Wye



Flemish Meuse

Four study catchments with intensive agriculture, high nitrogen and phosphorus losses to water and exceedance of Water Framework Directives quality targets.



Harmonised approaches to achieve nutrient load reductions in rivers across Northwestern Europe.



NEW Harmonica's goal is to establish a harmonised, systemic approach to preventing nitrogen and phosphorus pollution in water bodies; ensuring they attain safe ecological levels and that environmental targets are met on a local and regional scale.



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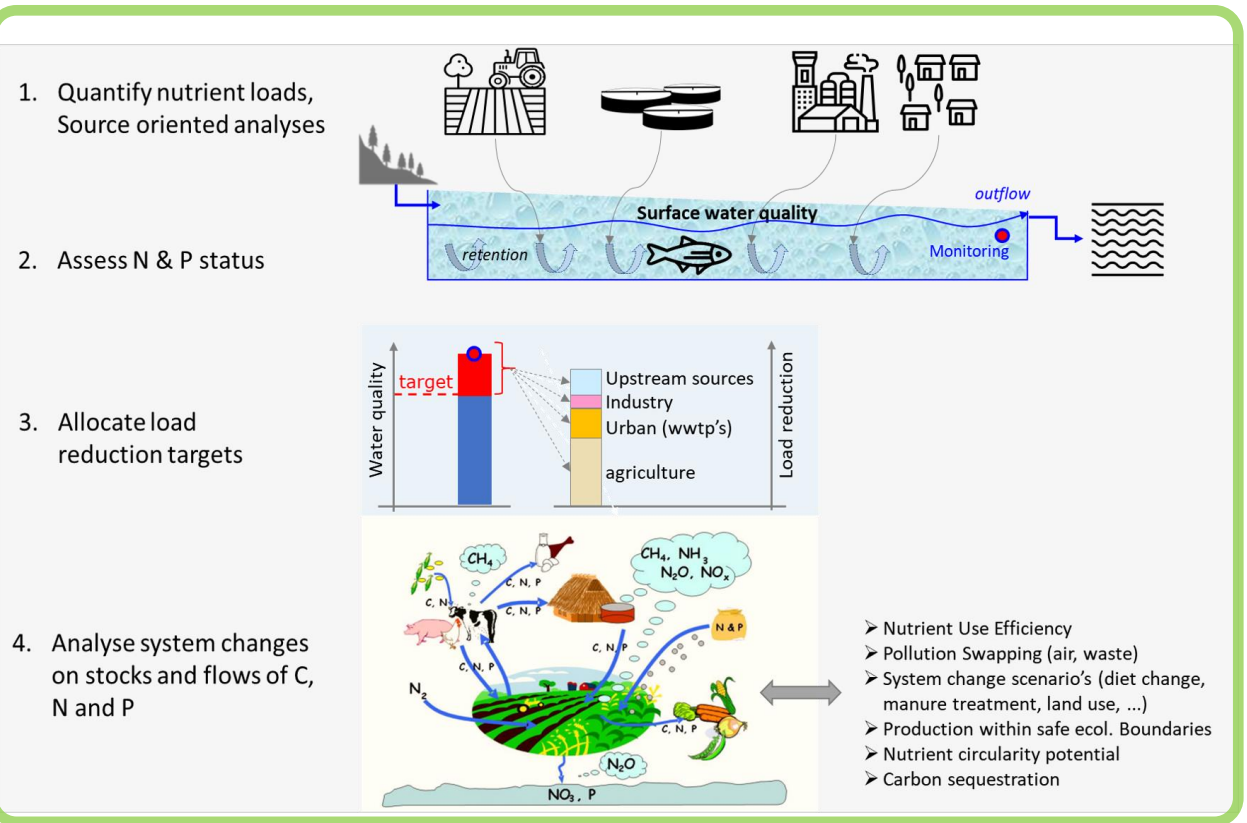


About

75-90% of surface water bodies in Northwestern Europe have not achieved the target of a safe ecological status¹. This presents a significant challenge for the agriculture and wastewater sectors to implement effective measures to reduce nutrient emissions.

The NEW Harmonica project will address this issue by integrating complementary knowledge, expertise, skills, and networks to devise Best Management Practices (BMPs) that will mitigate nutrient emissions in four key catchments. The project will apply and test existing models and tools, evaluate BMPs, and develop governance and policy scenarios that aim to achieve multiple environmental goals across the catchments.

¹ <https://www.eea.europa.eu/data-and-maps/indicators/ecological-status-of-surface-waters/assessment>



Work Package

1

Assessment of promising strategies and development of policy implementation tools in collaboration with Policy Science Working Group and regional stakeholders.

2

Systematic quantification of nutrient flows and load reductions at the catchment level, establishing a methodological baseline and key performance indicators.

5

Coordination, financial management and communication

3

Review and selection of catchment specific BMPs to achieve load reduction targets, including pollution swapping potential and resilience to climate change.

4

Identification of inter-sectorial governance models and experiences of practical applications.