

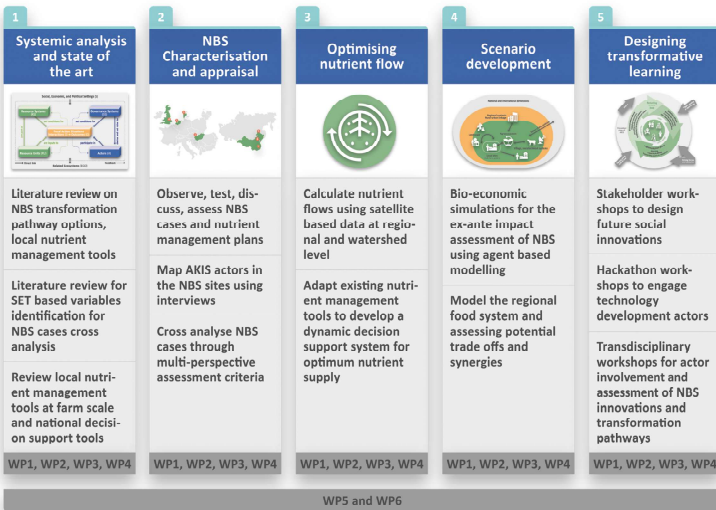
WHY

Today's agriculture is highly dependent on external nutrient inputs, and in particular mineral fertilisers supplying nitrogen (N), phosphorus (P), potassium, and other elements, which are indispensable components of many intensive farming systems.

trans4num's ambition is to substantiate and broadly promote the nature-based solutions (NBS) approach for sustainable agricultural practices in Europe and China, focusing on nutrient management (bio-based nutrient sources, sustainable crop rotation, integrated pest management).

HOW

trans4num methodological roadmap



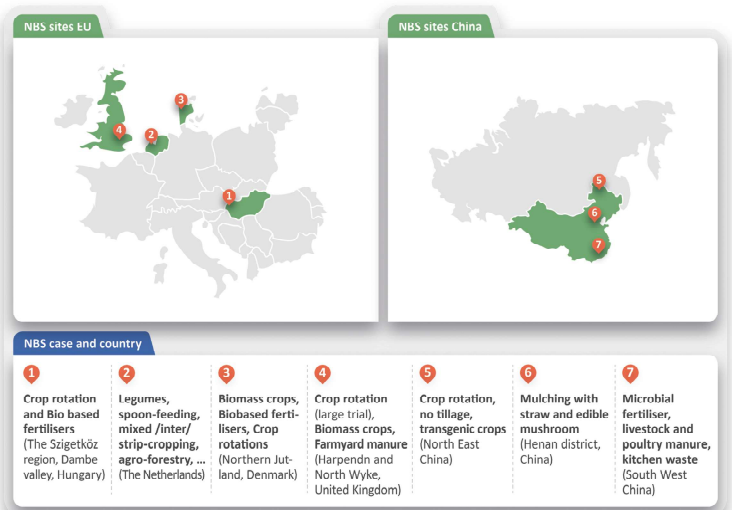
OBJECTIVE



to develop and test innovative NBS practices and pathways that contribute to a socio-ecological transformation of existing intensive agriculture systems towards increasingly sustainable nutrient management.

WHERE

To study NBS with a multi-level, multi-actor approach, **trans4num** has selected four European and three Chinese sites.



Outputs

WHAT

Outcomes



Innovative NBS practices



DSS tool nutrient budget methodologies



Scenarios for improved nutrient management



Dissemination to stakeholders on all levels



Strong international cooperation



New transformation pathways



Optimize nutrient flows



Market opportunities for NBS

WHO

Our consortium



trans4num is a four-year project funded under the Zero Pollution call as an EU-China international cooperation action on nature-based solutions (NBS) for nutrient management in agriculture.

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