

NPOWER

BALANCING N & P FLOWS



www.npower.es

NPower is redefining how Europe manages Nitrogen and Phosphorus (N/P) by bridging regional innovation with scalable solutions. The project works to rebalance N/P flows, cut emissions, and restore degraded ecosystems, all while fostering a circular economy of nutrients that delivers lasting benefits for communities and the environment. #CircularEconomyOfNutrients

4

REGIONAL CLUSTERS
SPAIN, BELGIUM, FINLAND, IRELAND

6

EU
COUNTRIES

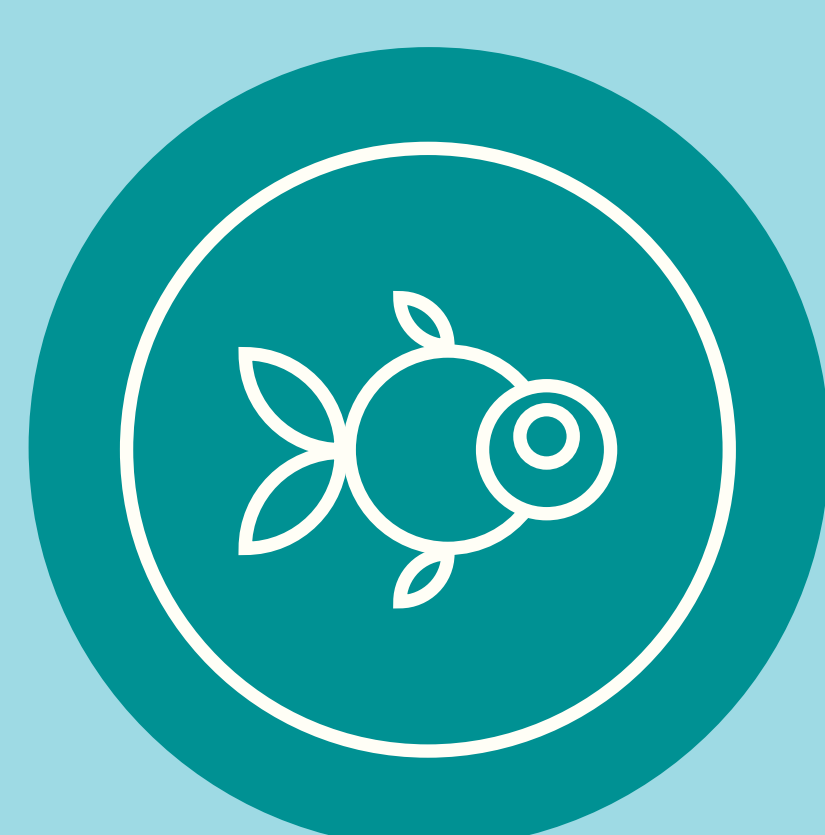
€14.3B

SAVED DUE TO AVOIDED
EMISSIONS BY 2050

Key N/P emitting sectors



Agriculture



Other primary
sectors



Water/waste
management



Energy and
transport



Industrial
sectors



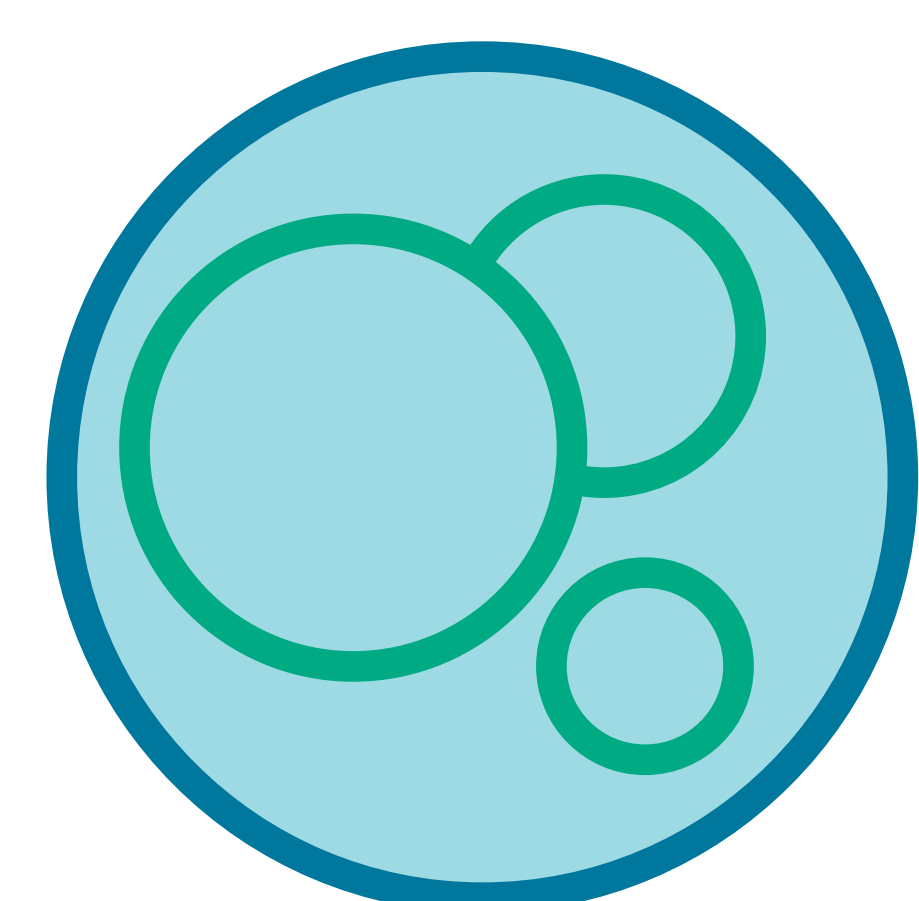
N/P budget to quantify
N/P flows



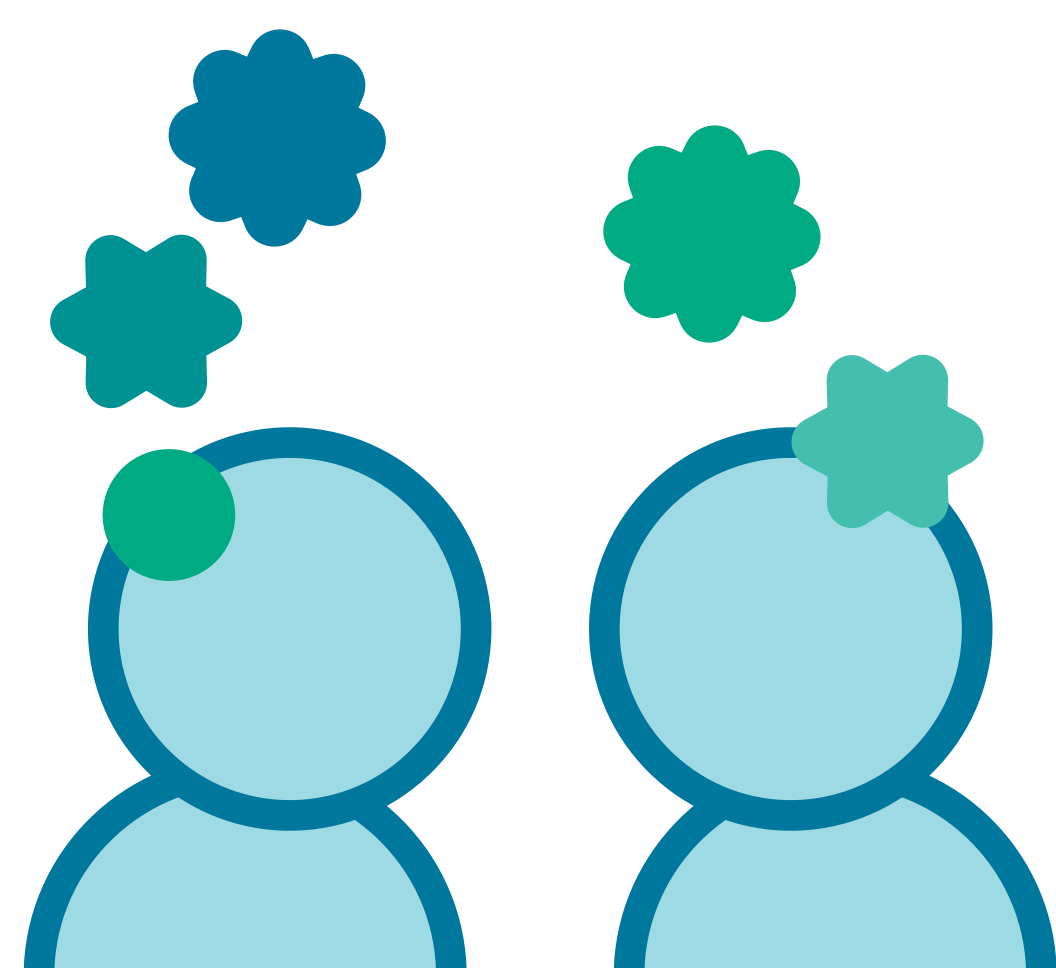
Innovative governance
models for sustainable
management



ACTION PLAN



6 Technologies to
circularize N/P-rich
residues into key outputs



20 Best management
practices to reduce N/P
emissions



8 Recovered
fertilizers

Región de Murcia

REGION DE MURCIA
FEDERACIÓN DE MUNICIPIOS

CETENMA
CENTRO TECNOLÓGICO DE LA ENERGÍA Y DEL MEDIO AMBIENTE

CETAQUA
WATER TECHNOLOGY CENTRE

CEBAS
CENTRO DE EDAFOLOGÍA Y BIOLOGÍA DEL SUELO

CSIC
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS

INSTITUTO DE CIENCIAS AGROPECUARIAS Y ALIMENTARIAS

Rural Loop

GHENT UNIVERSITY

MTU
MUNSTER TECHNOLOGICAL UNIVERSITY

HIDROGEA

zhaw
LIFE SCIENCES AND FACILITY MANAGEMENT
INSTITUTE OF NATURAL RESOURCE SCIENCES

IMI
INSTITUTO MURCIANO DE INVESTIGACIÓN Y DESARROLLO AGROPECUARIO Y MEDIOAMBIENTAL

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EARTH INSTITUTE

Water Europe
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MTK

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EUROPEAN UNIVERSITY OF TECHNOLOGY

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Probelte
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BOEREN BOND

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NATURAL RESOURCES INSTITUTE FINLAND



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