



WalNUT Project Pitch: Closing waste water cycles for nutrient recovery

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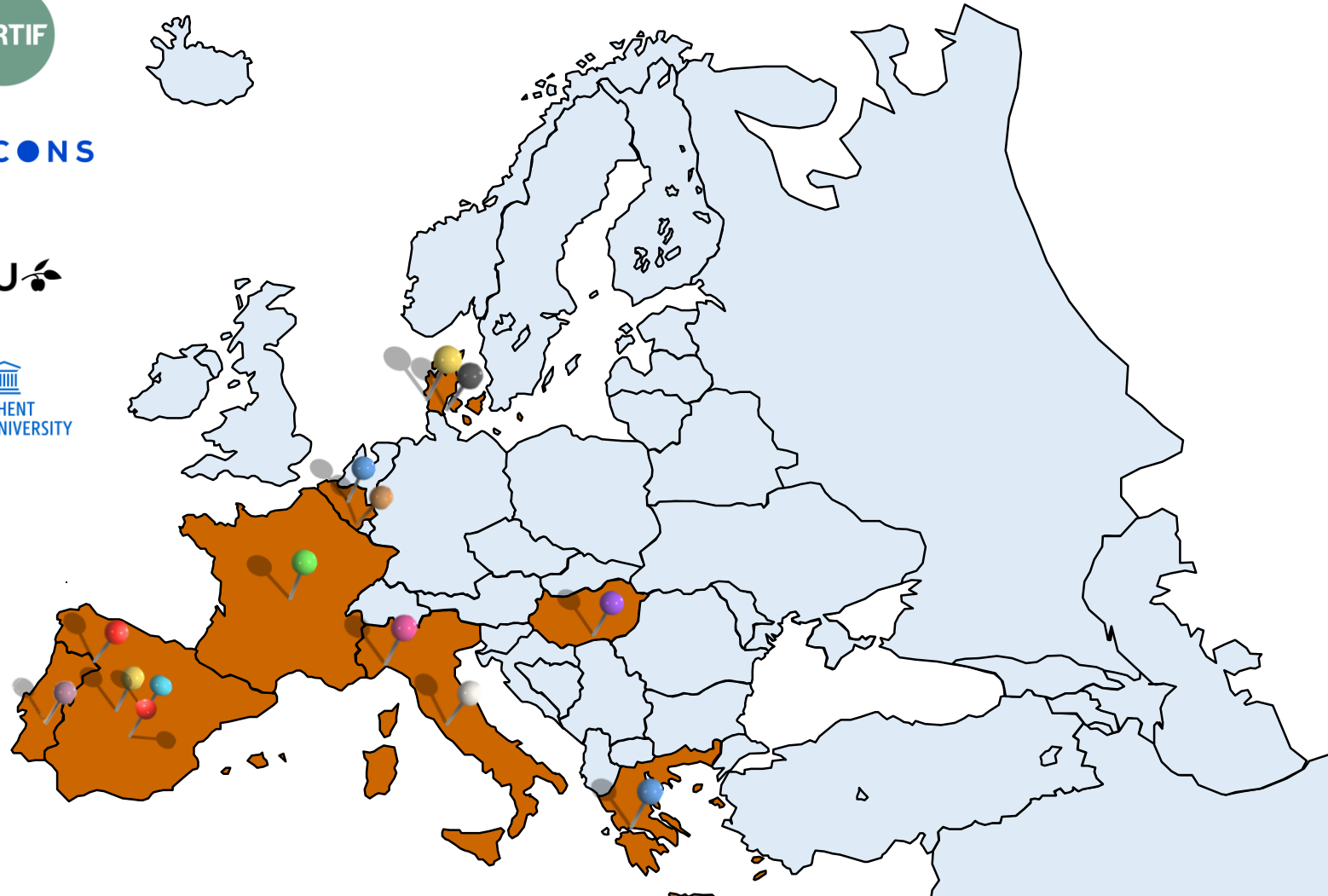


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[TECNOLÓGICO] **CARTIF**

H2020 Programme 101000752
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Total Budget: 5,949,628.75 €
UE Contribution: 5,949,628.75 €
Duration: 01/09/2021 - 28/02/2026

Consortium

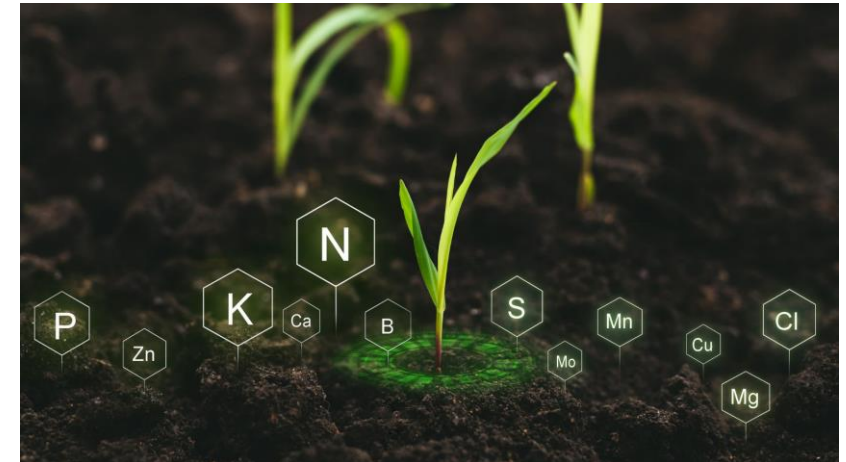


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Waste water streams are considered a promising resource to mitigate the soil nutrient imbalance and to recover nutrients for plant fertilising purposes.

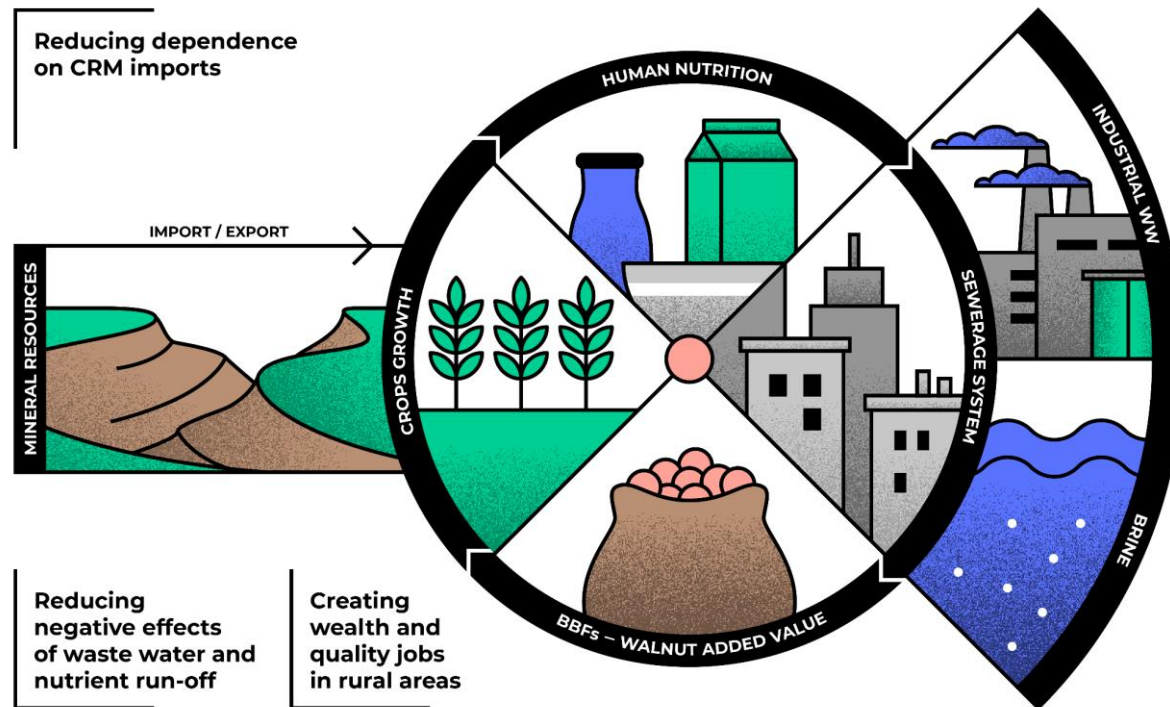
Nutrients from this large-scale recovery process can be used for bio-based fertilisers offering a new, circular and sustainable model to tackle the limited nutrient-mineral reserves and its crucial environmental issues.



WalNUT's ambition



WalNUT aims to redesign the value and supply chain of nutrients from waste water and brine, creating innovative solutions for nutrient recovery while contributing to circular economy and sustainability in the EU agricultural sector.

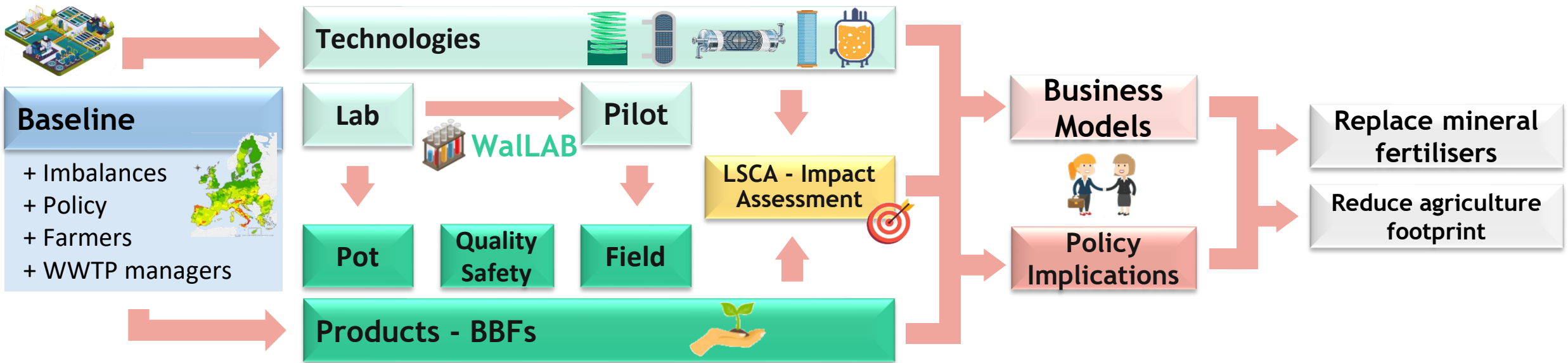


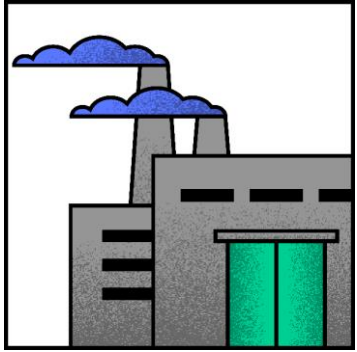


- Analyse inter and intra-regional EU nutrient imbalances.
- Develop sustainable and resource-efficient technological solutions for nutrient recovery.
- Environmental and socio-economic impact assessment of the proposed solutions.
- Assess the agronomic efficiency of safe bio-based fertilisers.

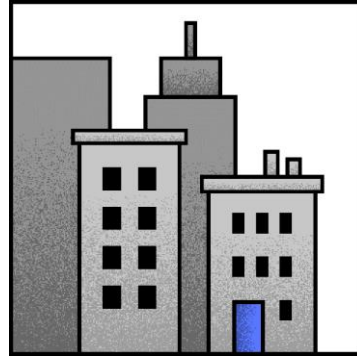


WalNUT Concept

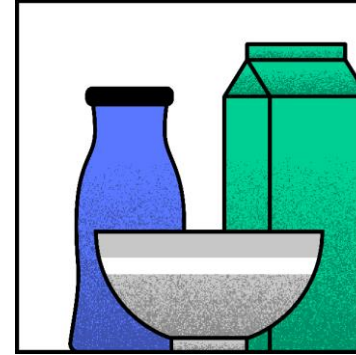




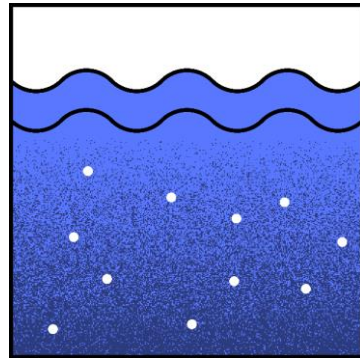
Industrial (Spain central)



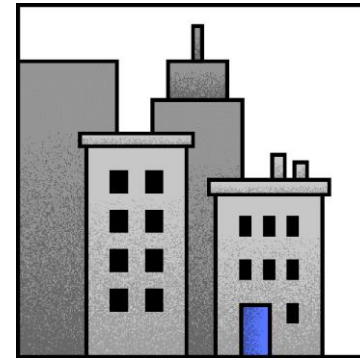
Urban (Belgium)



Food (Hungary)

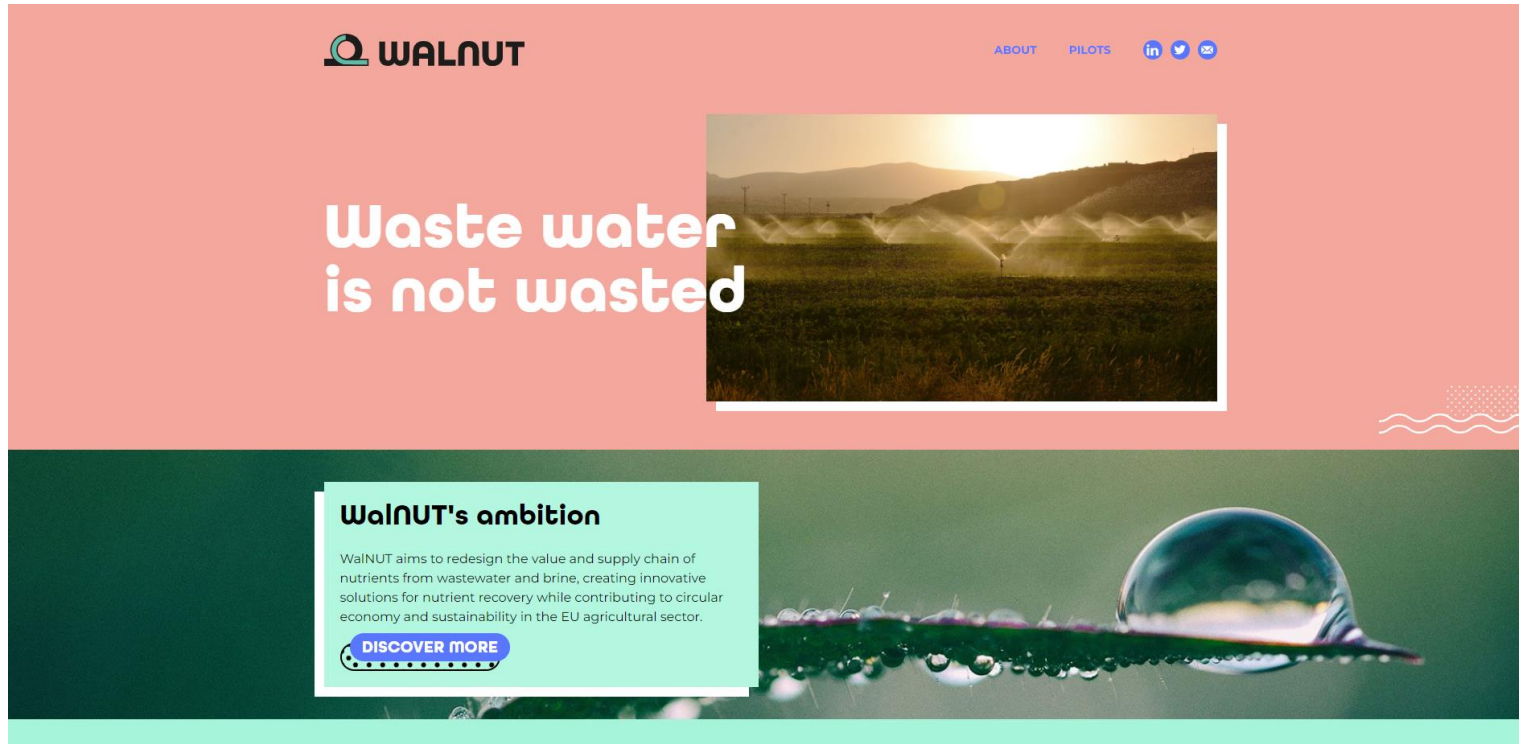


Brine (Greece)



Sewage sludge (Spain Northwest)

Website and Social Networks



www.walnutproject.eu



<https://www.linkedin.com/company/walnutproject/>

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Thank you

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