

FertiCcovery

Best available technologies for bio-based fertilisers

www.ferticcovery.eu

FertiCcovery is supporting farmers, bio-based fertiliser producers and policymakers to remove barriers and promote nutrient recovery and the application of bio-based fertilisers, from secondary raw materials such as biowaste, manure, and wastewater.

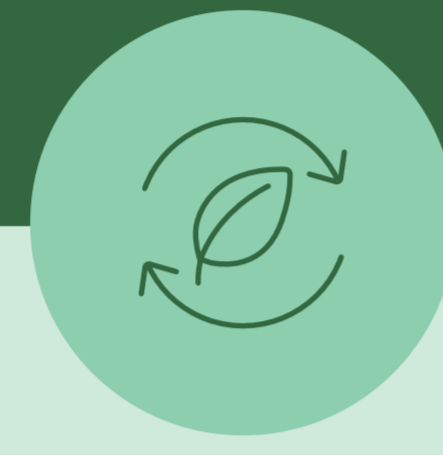
Main objective

Identify and evaluate Best Available Technologies (BAT) for producing bio-based fertilisers from secondary raw materials.

Methodology



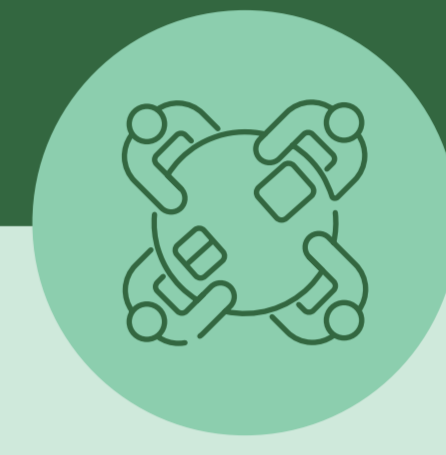
FertiCcovery has created a **longlist of >160 case studies** highlighting existing installations that transform secondary raw materials into alternative fertilising products.



The project is currently working on a comprehensive **analysis of 25 nutrient recovery and bio-based fertiliser case studies**, detailing their feedstocks, value chains, products, and applications.



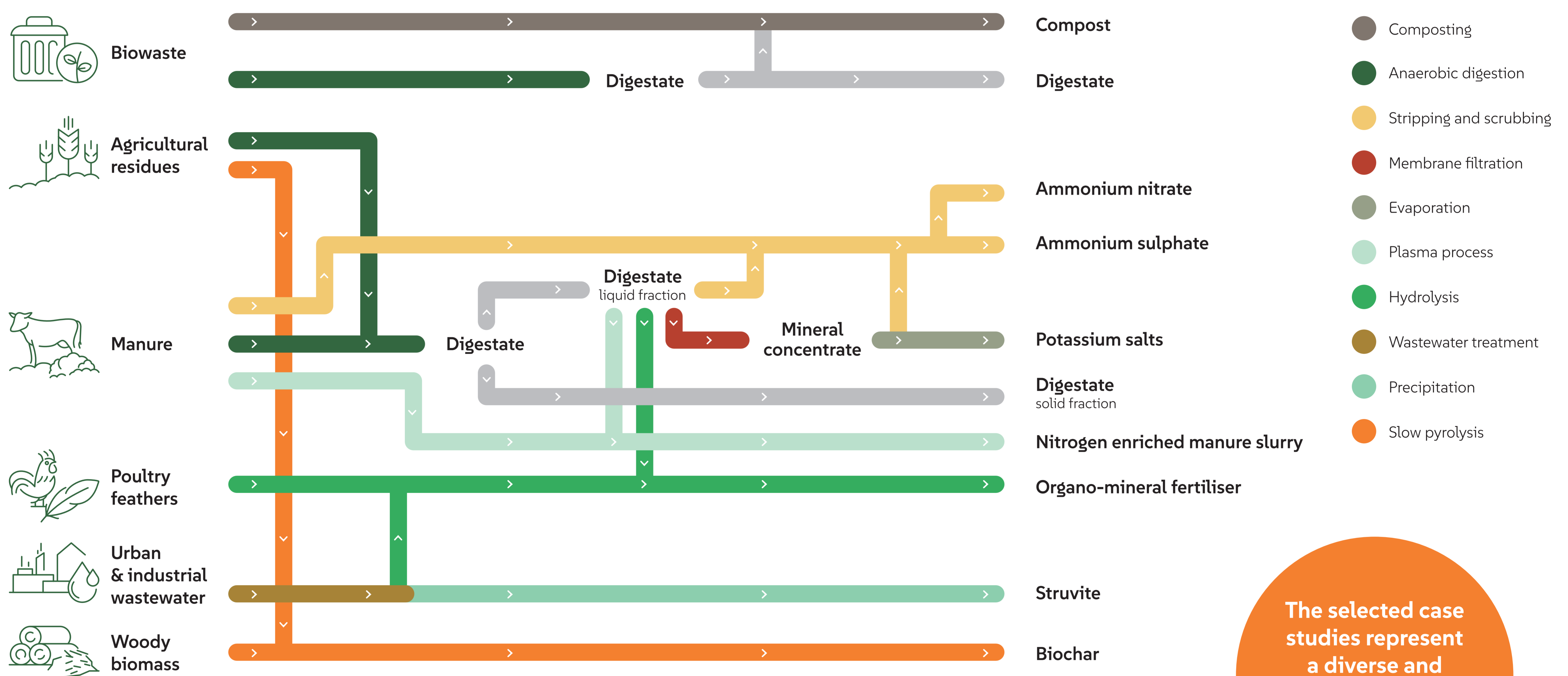
FertiCcovery will develop a **multicriteria decision analysis report and datasheets showcasing the 10-15 most effective technologies**.



Active engagement with European and international stakeholders is implemented through **5 workshops and 6 open forum events**, fostering collaboration across the entire supply chain.

Selected 25 case studies

The following graph shows the nutrient recovery technologies that FertiCcovery will assess.

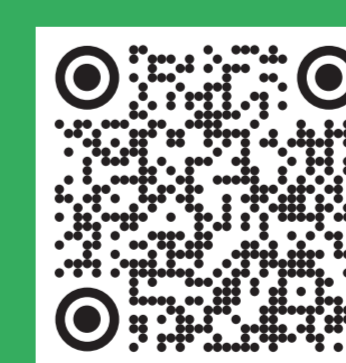


The selected case studies represent a diverse and representative landscape of nutrient recovery pathways

Currently in progress: Analysis of selected case studies

- Feedstock analysis**
Theoretical availability per Member State
- Environmental impact assessment**
Life-cycle impacts
- Product characterisation**
Leaching analysis and pot tests
- Upscale and market potential**
Adoption potential
- Costs**
Installation, maintenance, operational
- Regulatory framework**
Compliance with fertiliser legislation

Multi-criteria decision analysis



Join the discussion via our Open Forum of Stakeholders!

Any questions?

You can contact the project coordinator: vis@btgworld.com

For more information on the project: www.ferticcovery.eu

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