



Welcome to our workshop!

Advancing nutrient recovery and bio-based fertilisers:
Overview and selection of value chains

Martijn Vis

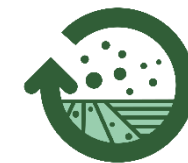
Coordinator FertiCovery

9 September 2025



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Agenda



Introduction & Overview

BTG, Martijn Vis



Long list of installations

NTUA, Maria Kyriazi

Long list Screening Methodology

CARTIF, Francisco Verdugo and Francisco Corona



Interactive Session

Mentimeter session

Q&A

Audience and experts



Video Broadcast

WalNUT and BioSOILUTIONS videos

Wrap Up & Next Steps

NTUA



Housekeeping rules



Mute microphones

Turn off your microphone to avoid interferences. This will help keep the session clean.



Speaking on turn

Wait for the sign to speak, do not interrupt. This will allow for a more organised session.



Use chat

Use the chat to ask questions. The speaker will address them when possible or in the Q&A.



Benefits of participation



Learn about technologies

Discover promising technologies for nutrient recovery and bio-based fertilisers



Evaluate methodology

Evaluate our selection methodology with us



Connect with experts

Connect with experts and peers in the field



Shape case studies

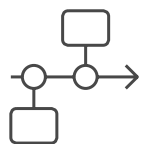
Have a voice in shaping our case study list through interactive sessions

Upcoming workshops and events



#1 Overview and selection of value chains

Presents the selected value chains.



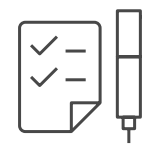
#3 Fertiliser products: impact and use

Examines the effects and usage of fertiliser products.



#5 Synthesis of results

Integrates results to determine the best available technologies.



#2 Technologies: state of play

Discuss the state of play of the technologies.



#4 Market replication potential

Assesses market opportunities and replication strategies.



#6 Final event: recommendations

Provides actionable insights and suggestions for future improvements.





Introduction to FertiCovery

Martijn Vis, BTG

Project coordinator

9 September 2025



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About



Horizon Europe project

January 2025 to December 2027

Coordination by

BTG Biomass Technology Group BV (NL)

with 8 partners across 7 countries



Aim

FertiCcovery aims to **remove barriers** and **promote nutrient recovery and bio-based fertilisers** from secondary raw materials such as biowaste, manure, and wastewater.

Alignment with with EU's Soil Strategy
for 2030



Objectives



1

- **Analyse Best Available Technologies**

Evaluate BATs for recycling fertilisers from secondary materials.

2

- **To ensure ecological balance**

Promote balanced nitrogen and phosphorus flows for soil health.

3

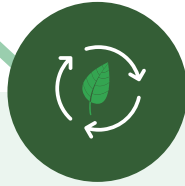
- **Advise policymakers**

Advise policymakers on alternative fertilising products.

The project



FertiCovery is creating a **longlist of >75 case studies** highlighting existing installations that transform secondary raw materials into alternative fertilising products across Europe and globally.



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



FertiCovery 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.

Analysis of 25 case studies



Technology
Assessments



Feedstock Analysis



Value Chain Assessment



Product Evaluation and
Impact Analysis



Market and Replication
Potential



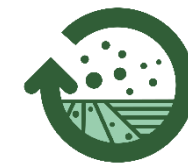
Social Risks



Synthesis

Sister project

Horizon Europe project funded under
the same call topic

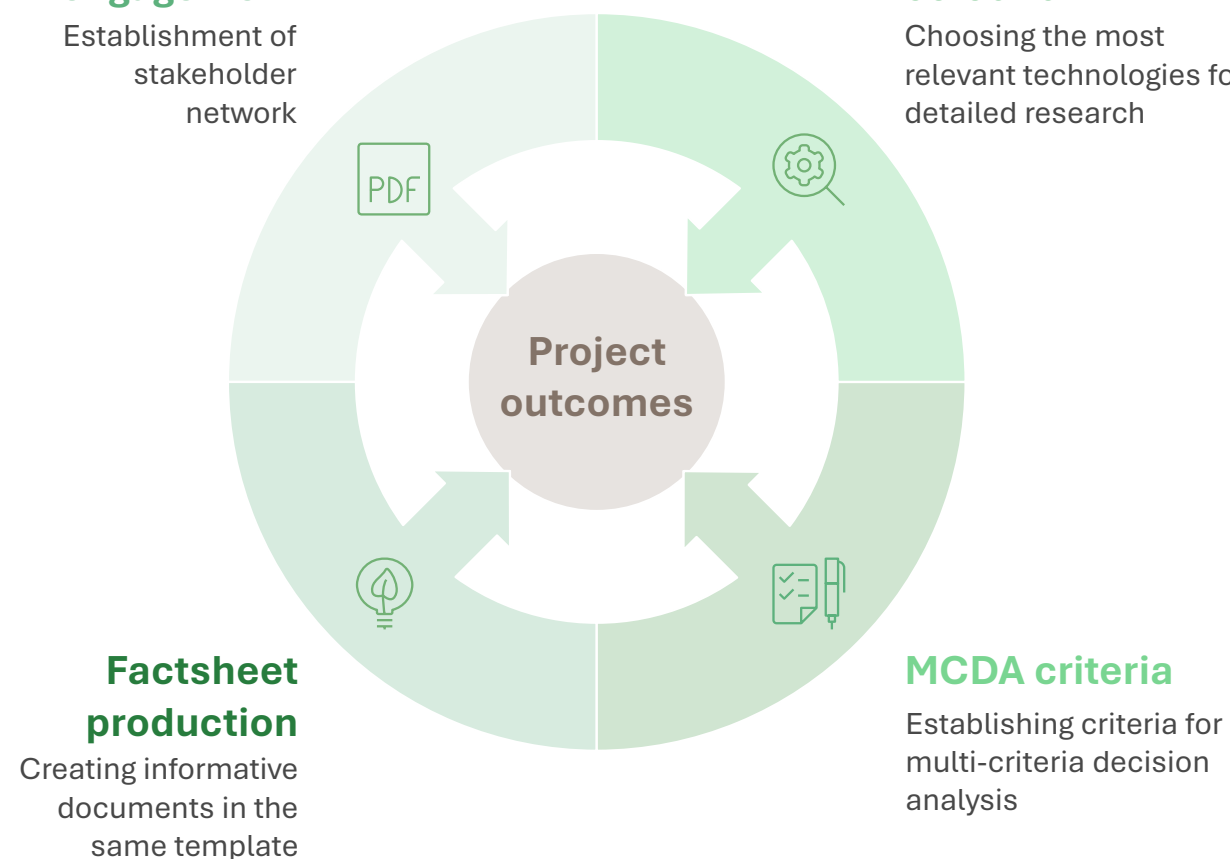


Stakeholder engagement

Establishment of
stakeholder
network

Technology selection

Choosing the most
relevant technologies for
detailed research



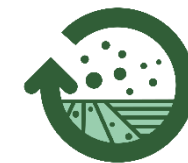
Factsheet production

Creating informative
documents in the
same template

MCDA criteria

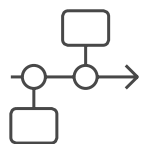
Establishing criteria for
multi-criteria decision
analysis

Upcoming workshops and events



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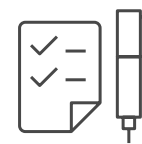
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Join our Open Forum of Stakeholders

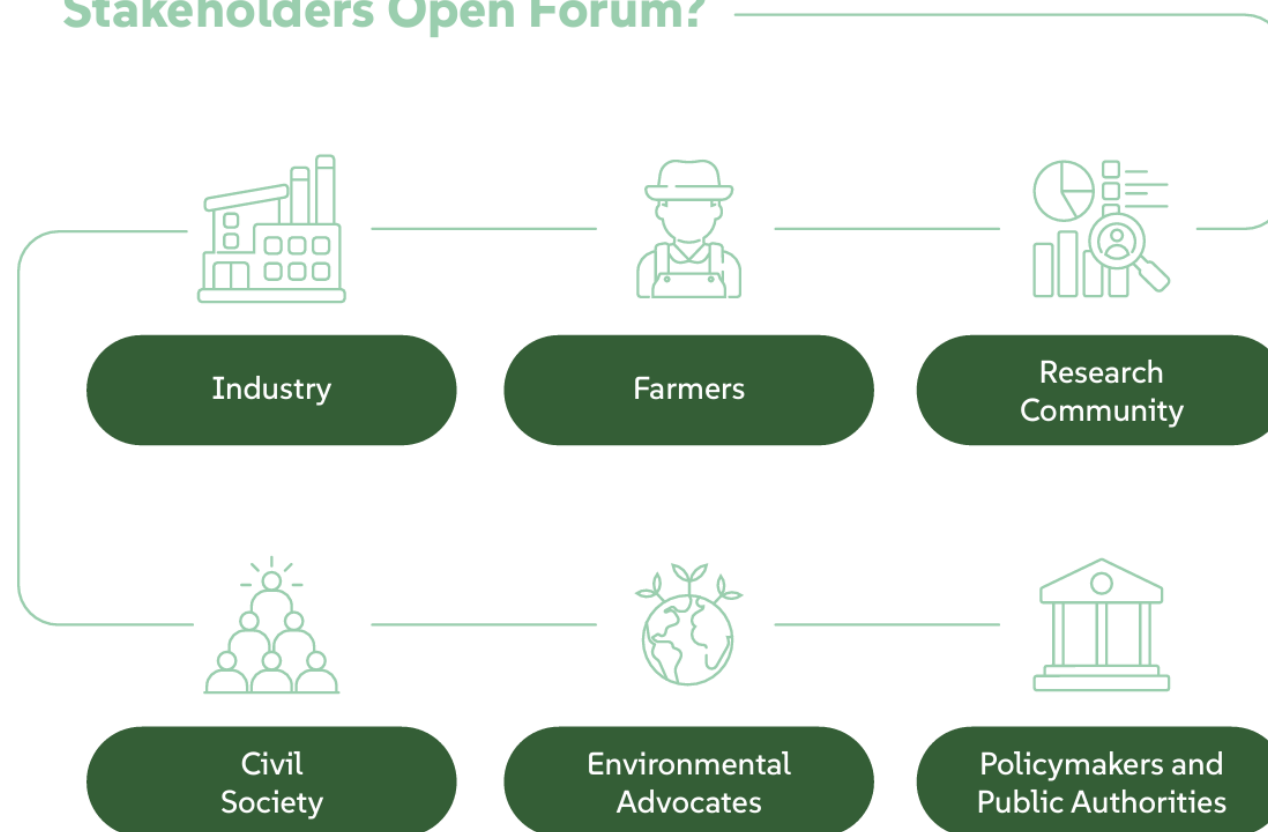
The Open Forum focusing on “**bio-based fertiliser production and application**” allows for **discussions** and **validation** of the FertiCovery results and insights



Forum of
Stakeholders



Who can join the Stakeholders Open Forum?



Thank you

Get connected!



FertiCovery
project



ferticovery.eu

Join our Open Forum of Stakeholders!



Forum of
Stakeholders



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FertiCovery

Martijn Vis & Sterre van der Voort

vis@btgworld.com; vandervoort@btgworld.com



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