

FERTITEC

INNOVATIVE RECOVERY TECHNIQUES FOR ALTERNATIVE FERTILISERS

FERTITEC is committed to promoting competitive fertilisers that not only benefit agricultural yield but also promote a circular economy model, aligning with the EU's strategic focus. We seek to make a tangible impact at national and regional levels, by bringing our best available fertilising techniques to the fore in several EU countries, as well as extrapolating our outcomes to the African Union. Overall, FERTITEC strives for the adoption of our alternative fertilising products and the wider transformation of the agricultural sector globally.

Our Approach

- Analyse, systematise and spread knowledge and information about available technologies for recovering nutrients from secondary raw materials
- Foster multi-actor collaboration of stakeholders through a Stakeholders Network of the relevant value chains at EU and international level
- Map state-of-the-art of at least 150 available technologies and identify and study 30 case studies of existing installations in the EU and African Union, from several secondary resource streams
- Assess their technical, environmental and socioeconomic aspects and conclude, through a multi-actor approach with our Experts Panel, on at least 12 Best Available Techniques in terms of functionality, reducing emissions and environmental impact, to aid in informed decision making
- Develop the EcoFerti tool, an AI-powered tool offering personalised recommendations to farmers for the optimal use of the Best Available Technologies identified and studied by FERTITEC
- Develop the FERTITEC Knowledge Exchange Platform on recycling/recovering nutrients for fertilising products from secondary raw materials, a hub for practical knowledge sharing, stakeholder engagement and informed decision making
- Develop business models and policy recommendations establishing road-maps for wide uptake of alternative fertilisers both in Europe and Africa



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