P-Agro Minerals

Recovering Phosphorus From Wastewater for Fertilizer Purposes

Company name: P-Agro Minerals
Country: Latvia
Year founded: 2022
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P-Agro develops and manufactures an environmentally friendly mineral material called Letonite, specifically designed to facilitate phosphorus (P) recovery from wastewater. Following circular economy principles, Letonite is beneficial as fertilizer without further after-treatment.

#Water #Technology #PhosphorusRecovery #Wastewater #Fertilizer

Open Horizon Europe calls	Call ID
Best available techniques to recover or recycle fertilising products from secondary raw materials	HORIZON-CL6-2024-ZEROPOLLUTION-01-2
Demonstrating how regions can operate within safe ecological and regional nitrogen and phosphorus boundaries	HORIZON-CL6-2024-ZEROPOLLUTION-01-1
Environmental impacts of food systems	HORIZON-CL6-2024-ZEROPOLLUTION-01

Looking for partners & collaborations

Interested to join international consortium of EU funding programmes with a prospect of collaboration with an industry partner operating within wastewater management industry

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Our profile

Company's core competence lies in the development and manufacturing of advanced materials designed for nutrient recovery for fertilising purposes. Currently, the P-Agro team is focusing on R&D and market introduction strategies (technology demonstration & piloting), a phase that requires active participation from industry stakeholders and prospective customers.

Experience & team

- Co-founders with more than 20+ years of experience in advanced material commercialisation and science intensive business development fields
- The Chief Scientist specializes in Physical Chemistry and holds numerous patents
- An Advisory Board member provides 30+ years of expertise in the water management industry

Topics of interest

- Phosphorus reduction in wastewater treatment plants' effluents and open water reservoirs to ensure that the phosphorus level complies with future regulations
- Phosphorus Recovery from waste streams for production of a high-value renewable fertilizers
- Environmentally friendly solutions addressing challenges in wastewater treatment industry
- Research on raw materials addressing several areas of circular economy
- Promotion of sustainable production and recycling of primary and secondary raw materials in a circular economy

Organisational capabilities

- Team holds extensive experience in coordination of EU funding programme
- Can join consortiums in a form of small technology company, academia (University of Latvian), cleantech ecosystem organisation, institute and other forms
- New business model development, commercialization