GEORIS
INNOVATIVE TECHNOLOGIES FOR WASTE PROCESSING IN ESEE REGION

eit RawMaterials
Connecting matters

Co-funded by the European Union

TRAINING SEMINAR

24 May 2024

MONOLITHOS Training Centre

Hybrid

Organized by:
MONOLITHOS
CATALYSTS - RECYCLING - INNOVATION

Join us for an immersive experience to:

- **Explore the GEORIS project**
- **Witness Live Demos**
- **Explore Real-World Applications**
- **Engage with Industry Leaders**
- **Forge Connections**
- **Take an Exclusive Tour of MONOLITHOS Facilities**

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INNOVATIVE TECHNOLOGIES FOR WASTE PROCESSING IN ESEE REGION

Project duration: 01/09/2022 - 30/08/2024

Did you know that?

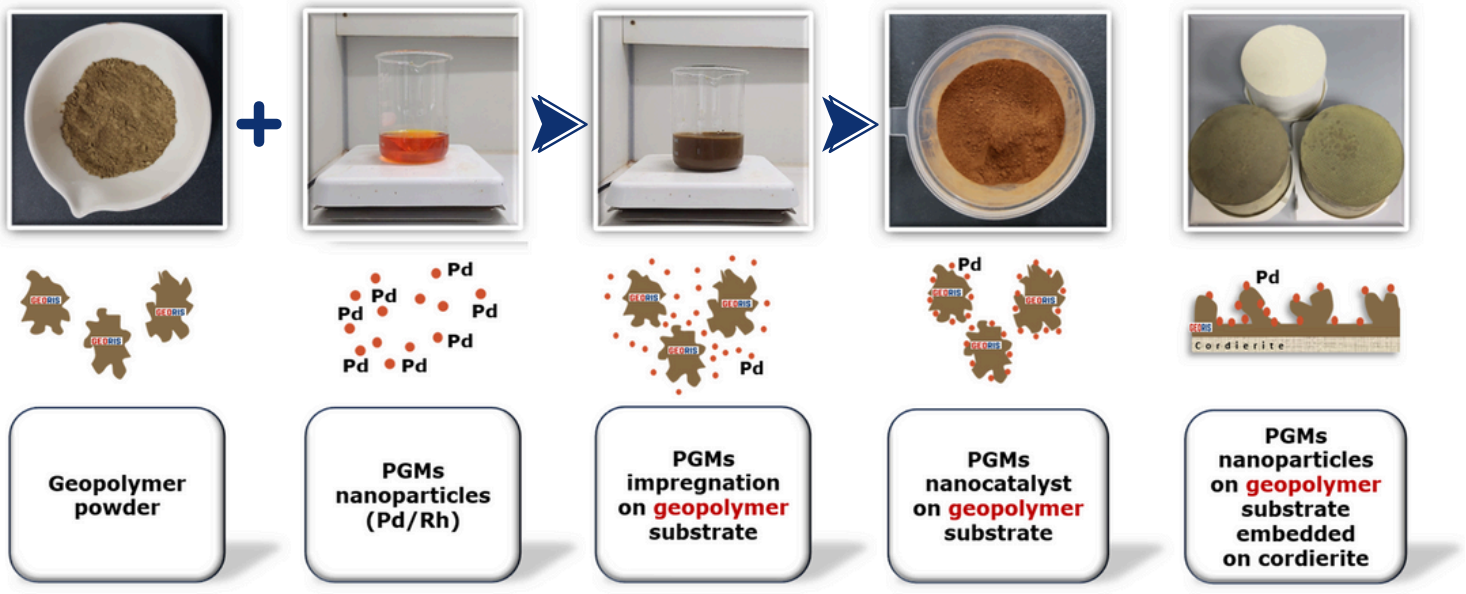
Geopolymers are made from eco-friendly alternatives that **valorize different waste types, reducing reliance on virgin materials and contributing to waste reduction.**

Geopolymers are **sustainable alternatives** to traditional cement-based materials, offering a **lower carbon footprint and higher performance in various applications.**

The global **geopolymer market** is projected to **grow by 29.32% annually, reaching 53.36 billion USD by 2029.**

Replacing ordinary Portland cement with **geopolymer concrete can reduce CO_2 emissions by up to 80%.**

MONOLITHOS novel approach for development of automotive catalysts valorizing wastes



This activity has received funding from the European Institute of Innovation and Technology (EIT), a body of the European Union, under the Horizon 2020, the EU Framework Programme for Research and Innovation (Project No: 21107)

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At a glance

Solution

GEORIS applies a novel geopolymerization technology to produce environmentally sustainable construction materials and catalytic powder from industrial waste.

Benefits

- Valorization of industrial waste.
- Production of environmentally-friendly construction materials and washcoats for automobile catalytic converters.
- Improvement of waste management and limit of landfilling by 20 tons during the project and up to 800 tons per year by 2030.
- Engagement of beneficiaries from across the value-chain to facilitate the transition to full-scale commercial production of GEORIS catalytic powder.

Learn more about GEORIS:

https://georis-project.eu

info@enalos.com

Georis-Project

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