



ALICE

Al-rich industrial residues for mineral binders in the ESEE region

Huge amounts of various Al-rich residues (steel slag, red mud, ash, landfills of bauxite mines) with a low recycling rate or landfilled in RIS countries present a high secondary mineral resource potential. A promising way of recycling these waste mineral materials is the synthesis of sustainable mineral binders with high Al content, which can be further used as an environmentally friendly construction material.



Network of interested parties

Waste holders, the mineral raw materials processing sector, the construction sector, national and EU decision makers, R&D and the education sector

Mapping and valorisation

Al-rich residues in the ESEE region (slag, ash, red mud, mine waste)
Potential for low-CO₂ mineral binder production



Matchmaking between Al producers/holders and mineral end user

Contribute to the creation of local and regional industrial ecosystems
Long-term activity will be enabled via the development of an Al-rich residues registry



Knowledge sharing and education

For students and professionals in the field of geology, mining, construction and related technology and industry
Raising awareness of the topic across the wider community



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