

MARBLE UP

PROGRAMMA REGIONALE TOSCANA

Progetto finanziato nel quadro PR FESR 2021-2027 OP1 OS1 Azione 1.1.4
"Ricerca e sviluppo per le imprese anche in raggruppamento con organismi di
ricerca"

Bando n.1 "Progetti strategici di ricerca e sviluppo"

Recovery and valorization of marble sludge

The R&D project MARBLE-UP, aligned with the goals of the 2030 Agenda for Sustainable Development, particularly the target of substantially reducing waste generation through prevention, reduction, recycling, and reuse, **aims to tackle the issue of "calcium carbonate-based waste" in a concrete way**, finding new life to waste sludge from the stone processing industry (marble sludge) and from the paper industry (deinking sludge). MARBLE-UP intends to identify specialized processing plants that can make these waste materials "reusable" and aims to activate circular economy pathways. These will preferably be established within the Tuscan region and integrated into various production cycles or industrial sectors capable of absorbing both the marble sludge generated by the stone sector and the deinking sludge from paper mills.

Partnership

- ARCHA srl
- Calacata Recycle srl
- TECNOCREO srl (UNIFI)
- KNAUF SpA
- Chimica Italiana srl
- Dipartimento di Chimica e Chimica industriale

Period: May 2024 – August 2026

Total Budget: € 2.280.000

Co-financed by Tuscany Region: € 799.500