

UNIVERSITÀ DI PISA
DIPARTIMENTO DI CHIMICA E CHIMICA INDUSTRIALE



Progetto co-finanziato dal PROGRAMMA REGIONALE TOSCANA

PR FESR 2021-2027 - Azione 1.6.2 "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
- KNAUF SpA
- Calacata Recycle srl
- Chimica Italiana srl
- TECNOCREO srl
- Dipartimento di Chimica e Chimica industriale (UNIFI)

Period: May 2024 – November 2026

Total budget: € 2.280.000

Co-financed by Tuscany Region: € 799.500



Cofinanziato
dall'Unione europea



Regione Toscana