



Decarbonized Titanium Recovery from Production Residues



Funded by the European Union

PROJECT PARTNERS **BUDGET**

TURNING WASTE INTO VALUA RESOURCES

The project focuses on upscaling eco-friendly methods for extracting and recycling titanium in Europe, aiming to promote sustainability and circularity in the industries.

90% REDUCTON IN CARBON **EMISSIONS**

20% REDUCTION IN ENERGY AND WATER USAGE

By using mining and processing waste, such as bauxite residue and white pigment production residues, titanium will be recovered as metal powder.

By employing green hydrogen — produced through wind-powered electrolysis — and electric furnaces, significant decarbonization will be achieved.

BY-PRODUCTS Metallic iron Construction materials Geopolymers

CONTACT US

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Integrating real-time anomaly detection, in-line chemical monitoring of products, and machine learning techniques ensures process performance optimization.











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Video











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