ECO TILES Project

ECO innovative methodologies for the valorisation of construction and urban waste into high grade TILES

ECOTILES

project

ECOTILES is a research project financed by the LIFE programme of the European Union, under the topic ENVIRONMENT. The project sees the collaboration between the scientific expertise of the Geochemistry-Mineralogy-Petrology group at University of Camerino for the study of geomaterials, and the Grandinetti company, leader in Italy specialized in the production of traditional and artistic terrazzo tiles.

with the contribution of the LIFE Programme of the European Union

aims

The LIFE ECOTILES project will demonstrate the possibility to produce fully recycled (up to nearly 70%) pre-casted cement-based products (Terrazzo tiles) using recycled glass from urban and industrial waste, ceramic and Construction & Demolition Waste (CDW). The production will have a substantial less (-20%) environmental impact than for traditional tiles and achieve the manufacture of high-grade pre-casted products.

UNICAM Università di Camerino 1336

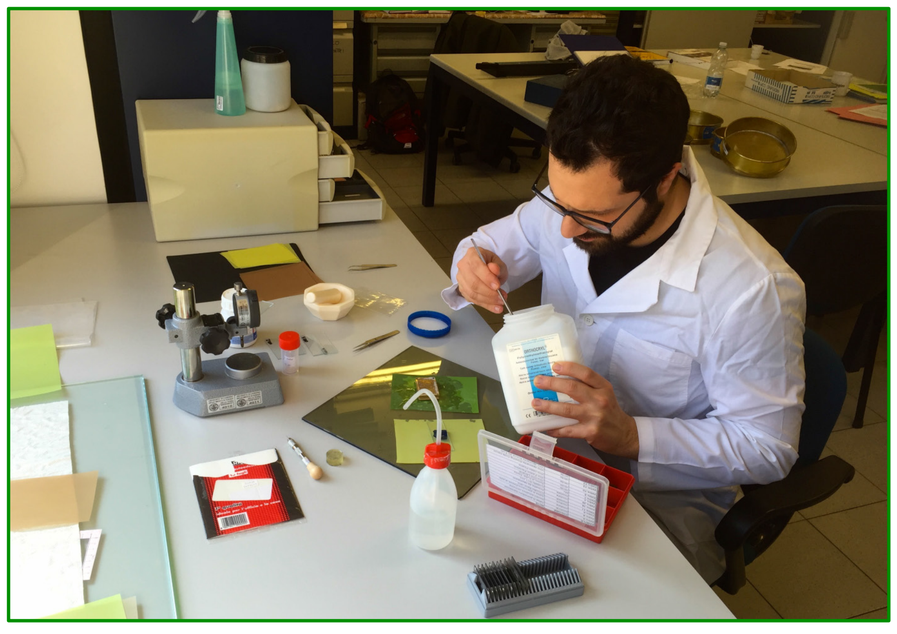
partners

The Geochemistry-Mineralogy-Petrology group is actively involved in research projects for the study of geomaterials both in basic research and in applicative problems.

The Grandinetti company was established at the beginning of 1900 in San Severino Marche and is leader in the production of the traditional marble chip and cement tiles.

waste and environment

ECOTILES products will contribute to the achievement of EU 2020 goals on ***Waste and Resource Efficiency***, by reducing emissions, resource waste, impacts on human health and the environment.



info ecotiles@unicam.it www.ecotiles-lifeproject.eu