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**TRANSVERSAL  
TECHNOLOGICAL SKILLS FOR  
THE ORNAMENTAL ROCK  
INDUSTRY FOCUSING ON THE  
APPLICABILITY OF  
BLOCKCHAIN IN A CIRCULAR  
ECONOMY**



Universitatea  
Transilvania  
din Braşov



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**Erasmus+**

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The RockChain is born to address these challenges, providing a training base for professionals over 45 years old of the stone and construction sector and waste managers, in the potential use of blockchain technology in the management of waste from the ornamental rock industry. It aims to foster the digital transformation of a sector that is traditionally not very digitised, promoting the reintegration of waste into the industry's value chain towards a more circular and sustainable economy.

## OBJECTIVES

- Provide digital training tools to professionals over 45 years of age and technicians in the industry to increase their skills in digitalisation and sustainability.
- Conduct research and data collection on waste generated in the ornamental rock industry, creating a base of good practices to reintegrate waste into the value chain and promote circularity.
- Identify the benefits of Blockchain technology in the Circular Economy, outlining a theoretical framework for its application in waste management in the stone industry.



- Create a curriculum for training and dissemination among teachers, professionals over 45 and professionals in the sector, in the field of waste management, Circular Economy and Blockchain.
- Develop an interactive tool based on Blockchain that facilitates the implementation of the knowledge acquired, visualising the management of data and its processing, and ensuring its unalterability to improve planning and management.