

BIM-Fingerprint4.0: Fingerprint 4.0: a cyber-physical-system on Natural Stone

by



Starting from the state of the art, the BIM-Fingerprint4.0 project will implement, test, and validate a cyber-physical-system composed by different and complementary modules for Natural Stone Processing in an industrial environment. The partners will design an interoperable web-server connected to clients BIM platforms in real-time and to shop-floor digital machinery. Within this framework, the team will develop innovative tools with strong collaborative components to digitally connect the natural stone factories to the marketplace (BIM platforms). In other words, the natural stone factories will operate in "Industry 4.0 mode" as the client will become co-creative collaborator and part of the process.

Vertical sector addressed

- Mining Process
- Engineering & Equipment
- Manufacturer

Challenges tackled by SMEs

- Digital Technology
- Industry 4.0

Key actions addressed

- KA 4
- KA 5
- KA 6

MINE-Demo scheme

