

# AEC EUROCLUSTER

## Short summary on the results of AEC EUROCLUSTER Call

AEC EUROCLUSTER published an open call on 30.4.2023 for SME applications in four schemes: Project innovation, Technology adoption, Training, and Go International. The deadline was on 30.6.2023 5 PM CET. 66 applications came on time in the first three categories. The call for Go international is still open for Saudi Arabia, Singapore, and Kenya. The evaluation took place in summer time and finished on 30.8.2023 with selection of winning SME beneficiaries. Funding contracts will be signed until 30.9.2023.

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Grant Agreement Number 101074498



# Project Innovation

45 applications from 11 European countries

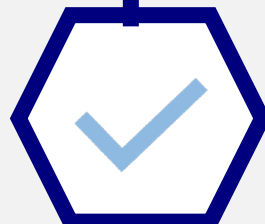


Ideas to develop a novel product, service or technology on a proven concept that address a digitalization or sustainability challenge



12 SMEs granted to implement innovative ideas

27.7% granted SMEs from total applicants



EUR 698,400 granted for PI projects implementation



## List of granted PI projects

1. "Development of a green and bio-based building BLOCK made of MIScanthus, lime and other natural binder" (MISBLOCK) – Pedone Working S.r.l., Italy
2. "Q3D: AI Quality control and correctionb for 3D printing with recycled and natural materials" (Q3D) – IAAC (Institute for Advanced Architecture of Catalonia), Spain
3. "Innovative Rare Earth Bricks, Blocks and panELs" (iREBBELs) – Eco Living Project SRL, Romania
4. "Real-time concrete curing data integration into BIM models" (CoSMoS-BIM) – Cosmos Engineering SL, Spain
5. "Wall dampness and wall drying IoT digital monitoring system" (MOXTECH) – Mixture d.o.o., Slovenia
6. "Robotically manufactured formwork made of recyclable clay for 3D concrete elements" (Robotic 3D Casting) – Hubfour Architecture ZT GmbH, Austria
7. "New sustainable material for green building" (ULIWOOD) – Innostart S.r.l., Italy
8. "Using AI to increase the accuracy of the bidding and estimating process by creating automatic cost books for construction operations" (AICB) – Exenne Technologies SRL, Romania
9. "Geo-Aware Augmented Reality in the BIM cycle" (GEOAR) – Vermessung DI Helmuth Thalmann, Austria
10. "Waste based alkali-activated paving stones" (WALK) – Termit d.o.o., Slovenia
11. "Arcology System: Data-driven, Modular Interior Construction System to Adapt Commercial Spaces" (Arcology System) – Arcology System Ltd, Ireland
12. "Digital Guiding Equipment for the Construction of Drilled Foundations" (DGE-CDF) – Sidel Engineering SA, Romania



# Technology Adoption



Ideas to advance and integrate existing technologies or processes into organizations and operations

16 applications from 8 European countries



5 SMEs granted to implement adoption ideas

31.25% granted SMEs from total applicants



EUR 291,000 granted for TA projects implementation



## List of granted TA projects

1. "Development of the BIM amplification system for autonomous management, budgeting, and stock control" (BIMas) – Woodea S.L, Spain
2. "Development of customized non-structural constructive solutions based on the application of eco-friendly mortars by using additive manufacturing for the generation of moulding elements" (Bio-EcoMOULDTAR) 360 Soluciones Cambio Climático SLU, Spain
3. "Automation of Mortar Drone Spraying" (AUTO-MDS) – MuDD ARCHITECTS, Spain
4. "Thermal insulation material (thermal plaster) with nano-particle organic additives (SprayFix TP) – GRM INTRN d.o.o, Slovenia
5. "Upgrading processes with 3D scanning and Digital Twin model in company Rihter d.o.o." (Rihter 3D and Digital Twin) – Rihter montažne gradnje d.o.o., Slovenia



# Training

6 applications from 5 European countries

66.67% granted SMEs from total applicants



Need for training services using innovation methods in order to become aware and create solutions – resilience and twin transition

4 SMEs granted to access training services

EUR 20,000 granted for training projects implementation



# List of granted Training projects

- 1. Heliloth eU, Austria
- 2. A-Star d.o.o., Slovenia
- 3. The Colony, Germany
- 4. Navy GmbH, Austria

