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Project summary:

READY – Resource Efficiency Advanced by Digitalization in Manufacturing SMEs

READY

Digitalization of Energy Management





Approach

The project is focused on accelerating technological transformation of manufacturing SMEs through a supportive partnership of competent and innovation-oriented private and public actors from different sectors, which concentrate their key resources on piloting digital technologies for transformation of industrial SMEs towards smarter, greener and more resource-efficient manufacturing, aligned with the latest EU policies. The project is focused on application of digital technologies for Resource Efficiency in Manufacturing SMEs. It is based on cooperation between private sector (selected SMEs), academia (University of Banja Luka), and meso-organizations (facilitated by the Eda); it leads to innovations in SMEs that are following an “adjacent possible” approach (challenging but achievable for all partners involved); it includes transfer of knowledge, technology and practices within the Western Balkans region. The project includes: developing Training program; developing Digital and Energy Management Readiness Model for Manufacturing SMEs; application of Sensor Technology for Monitoring of Energy Systems tested and piloted in Manufacturing SMEs; “adjacent possible” innovations for READy (Resource Efficiency Advanced by Digitalization) strategically and technically prepared for Manufacturing SMEs; Regional Technology Transfer and good practices of READy shared and promoted; Partnership for READy between industry, academia and think and do tanks.

Overall objective

Smart and sustainable growth of manufacturing SMEs in Bosnia and Herzegovina is supported by technological innovations that are developed and piloted through partnerships based on Quintuple Helix Model.

Specific objective

Application of Digital Technologies/Tools for Resource Efficiency in Manufacturing SMEs successfully piloted and promoted by functional cooperation between private sector, academia, CSOs and public sector.

Target groups

Application of Digital Technologies/Tools for Resource Efficiency in Manufacturing SMEs successfully piloted and promoted by functional cooperation between private sector, academia, CSOs and public sector.

Project areas

Banja Luka area, Tuzla Canton.

Implementation period

From 15 October 2023 to 14 August 2024.

Co-applicants:

Faculty of Electrical Engineering in Banja Luka and Foreign Investors Council in BiH.

The READy project is supported within the project “Innovations and Digitalization of Small and Medium Enterprises in Bosnia and Herzegovina/EU4DigitalSME”, co-financed by the European Union and the Federal Ministry for Economic Cooperation and Development of the Federal Republic of Germany (BMZ), and implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.



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