



MaGIC

Microcredentials and Guidance
on Industry 4.0 Competencies



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Microcredentials And Guidance on Industry 4.0 Competencies

The MAGIC project identifies most in demand skills on Industry 4.0 and existing gaps in related training provisions. It provides the opportunity to test innovative approaches to assess and validate skills based on microcredentials and blockchain technologies.

The project contributes to raise awareness on labour market intelligence and the use of AI to map emerging skill needs related to Industry 4.0. The project foresees the opportunity to curate content, matching the gaps in current training. European fast-changing society and labour market require more targeted acquisition of skills and competences.

By “ecosystem of microcredentials”, we mean a complex model of supporting MCs – portability, relationships and processes, technical solution, sustainability, relevance and quality assurance.



Objective

The project aims to make operational a system for issuing microcredentials to certify the acquisition of skills and competences in Industry 4.0. At the end of the project, a set of microcredentials in Italy and Portugal will be made operational and data will be collected and analysed on the user experience and the uptake of microcredentials by public and private stakeholders.

Results



Research on industry 4.0 skills needs

- Research on most in demand skills in Industry 4.0
- Map of existing training provisions on Industry 4.0, and identification of main gaps with regards to emerging skills needs
- Modules and learning objects to be integrated in existing training offer



Tool to manage microcredential issuing process

- Configure at least 3 microcredentials to issue in Italy
- Configure at least 3 microcredentials to issue in Portugal



Accurate reports to validate of the process

- Detailed report of the activities carried out, the actors involved and the results obtained
- Summary report of the experimentation, complete with SWAT analysis and operational indications on the sustainability of the model
- Consolidated and validated tool for the release of microcredentials in industry 4.0.



Project Coordinator



Assocam Scuola Camerana



Partners



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