

MACHINA Project

MACHINA is a strategic partnership that aims to increase the relevance of continuing & initial VET provision in the ICT sector, to assure that the existing & future ICT workforce will have the ML specific competences & transversal skills required to respond to modern workplace requirements and succeed in a competitive, fast-growing field.



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Partnership



Machine Learning Skills for ICT Professionals



MACHINA Objectives

- Design a joint VET curriculum in ML, to empower ICT workers with sought-after technical, non-technical and meta (soft) skills.
- Introduce flexible training delivery methods and innovative open access pedagogical resources to support VET provision and ML skills acquisition.
- Foster the recognition and integration of ML skills requirements into sectoral competence frameworks & certification schemes.
- Improve ML labor market & skills intelligence at the EU level.



Target Groups

- Educational/Training providers
- ICT workers in need of C-VET
- I-VET students
- Sector representatives and social partners
- Public educational and accreditation authorities

Duration & Grant



Main Deliverables

- **01:** MACHINE Learning (ML) learning outcomes
- **02:** MACHINA curriculum structure and Open Educational Resources
- **03:** Vocational Open Online Course (VOOC) infrastructures
- **04:** Framework for the recognition and integration of ML skills requirements into certification & standardization schemes
- **E1- E5:** MACHINA National Information Days