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TECOS - SLOVENIAN TOOL AND
DIE DEVELOPMENT CENTRE

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SAMANTHA SKILLS IN
ADDITIVE MANUFACTURING
FOR THE TOOLMAKING
AND HABITAT SECTORS

Skills in Additive MANUFACTURING for the Toolmaking and HABITAT Sectors

Novel Training Programme on Additive
Manufacturing towards the Digital
Transformation of Toolmaking and
Habitat related sectors

samantha-project.eu
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SAMANTHA aims to develop an innovative training program that addresses the high-tech T-shaped skill gaps for the proper implementation of Additive Manufacturing in the value chains of the Toolmaking industry and the Habitat sector through a skilled workforce.



What are T-Shaped skills?

T-shaped skills describe specific attributes of desirable workers. The vertical bar of the T represents the depth of related skills and expertise in a single field, whereas the horizontal bar refers to the ability to collaborate across disciplines and a willingness to use the knowledge gained from this collaboration.

Generalist skills across multiple domains

Specialised skills within one domain

Objectives

- Create flexible learning pathways and didactic tools based on the learning outcomes approach, able to provide, assess and recognize the key competences identified in target groups.
- To ensure good alignment of VET programmes with the requirements of the Toolmaking industry and Habitat sector regarding AM.
- To boost the Digital Transformation and the Smart Industrial Specialisation of these manufacturing sectors with a competent implementation of AM in their value chains.
- To increase competitiveness and productivity of these sectors with a continuous up/re-skilling of the workforce with the required high-tech T-shaped skills needed in the Fourth Industrial Revolution.
- To raise awareness and to improve the image of KETs and STEM graduates in society as a field to work in.

Intellectual outputs

Five Intellectual Outputs during 36 months of project:

- IO1: Current situation analysis report
- IO2: Joint Curriculum and Training Content
- IO3: SAMANTHA Open Learning Platform
- IO4: Senior Transfer of Knowledge
- IO5: Strategic roadmap