SAM
SECTOR SKILLS STRATEGY
IN ADDITIVE MANUFACTURING

What are the
3D Printing Skills?

1 **3D Thinking :** Ability to use space geometry.

2 **Design Vision :** Creativity in design of new components specifically for AM.

3 **Intelligence in Mechanics :** Knowledge and appeal in statics, dynamics, strength and powder metallurgy.

4 **Precision Insight :** Ability to make accurate and sensitive dimensional measurements and tolerances.

5 **Go from Digital to Physical :** Ability to coordinate virtual 3D data and the real-life physical object.

6 **Topology Optimization :** Ability to apply topology mathematics in AM.

Project Partners :

aitiip centro tecnológico

Brunel University London

EWF

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cecimo

POLITECNICO MILANO 1863

Laser AKADEMIE

IK4 LORTEK

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LMS Laboratory for Manufacturing Systems & Automation

CENTRALE NANTES

mtc Manufacturing Technology Centre

materialise

GRANTA MATERIAL INSPIRATION

FAN 3D

IRISH MANUFACTURING RESEARCH

Visit the project website :
www.Skills4am.eu