



Dear reader,

There is a lot of going on in Additive Manufacturing and we want to share with you our latest findings, as well as future project's activities on skills for AM.

Follow us on our social media to be constantly updated on trainings, events, and literature in the scope of SAM!

SAM project team

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1. Latest findings in AM: SAM public results

SECTOR SKILLS STRATEGY ROADMAP

SAM is setting a **Sector Skills Strategy Roadmap for AM** sustained by a strong connection among a wide range of industrial sectors. Several stakeholders have already been involved with the project and have endorsed the strategy for the development of Skills and Qualifications in AM.

The AM platform network, equipment manufacturers, RTOs and Training

key challenges, for which **strategic objectives** are presented, together with the reasoning for the specific **supporting actions** that have been planned to help drive the implementation of each strategy plan. Check the [European AM Skills Strategy Short Version – Booklet](#).

GLOBAL AND SOCIETAL MILESTONES

Read our [Global and Societal Milestones](#) report, whose aim is to identify global and societal developments until 2030, including all the transformations that can directly and indirectly impact on the Additive Manufacturing Sector and Skills, as well as the necessary European AM Skill Strategy to address these transformations.

The full Global and Societal Milestones report is available to view [here](#). An executive summary of this report has been made [accessible here](#).

LONG TERM TECHNOLOGICAL PLAN

The [Technological Long-Term Industrial Plan](#) aims at defining and collecting major technological developments expected to happen in the next 10 years until 2030.

As part of the AM Observatory, the European AM Industrial Council will be responsible to keep the technological trends updated every two years. An executive summary of this report is available [here](#)

PROFESSIONAL PROFILES / SET OF SKILLS ROADMAP

The [Professional Profiles/Set of Skills' Roadmap](#) covers the analysis of current and emergent Professional Profiles in Additive Manufacturing (AM) required by the Sector. The findings achieved in the document are based on a literature review of AM professionals in the industry and on data available from recruitment advertisements and available resources in Europe.

This report reflects the mid-point between existing skills and future ones, providing relevant findings and hypotheses to guide future work on the assessment of current and future skills in AM.

2. Forthcoming Events and Activities

SAM PODCAST

The first episode of the SAM podcast is out and it focuses on the importance of standardization in Additive Manufacturing. The second episode will be released in June.

SAM WEBINAR SERIES



YOUNG EXPERTS AND MANAGERS IN AM

Opportunities and Obstacles for students and young professionals

SPEAKERS:

- Aydin Yagmur**
EOS GmbH
- Anke Kaletsch**
RWTH Aachen
- Adeayo Sotayo**
Brunel University

SAM
SECTOR SKILLS STRATEGY
IN ADDITIVE MANUFACTURING
WEBINARS

27 April
10:00 - 11:30
(CEST)

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- **On the 27 of April, we held the third episode of the SAM Webinar series: [Young Experts and Managers in AM](#)**; info session on the experience and advice of young experts and managers in Additive manufacturing sector who have succeeded in this business.

[CLICK HERE to check the recording and the speakers' presentations](#)

- **Register now for FREE for the 26 of May: [Transforming Industry with women in Additive Manufacturing](#)**; stories of what is like to be a *women in Additive Manufacturing* and tips on Directed Energy Deposition from top experts all around Europe.
- Register to the [EPMA AM Seminar, within the scope of the SAM project](#), online on the **11 - 12 May 2021**. In this year's Additive Manufacturing Seminar, co-hosted with Fraunhofer IGCV, the addressed topics will be smart parts and components with integrated sensors and digital innovations connected with Industry 4.0

More events are in the pipeline for May and June! Keep an eye on the [AM Observatory](#) to be always updated on latest issues and AM events!

PILOTS and TRAINING

New **AM 3D Printing courses** will run online from May to July. The topics that will be covered are:

- Business for AM
- Certification, Qualification and Standardisation

The details will be released soon in the [Training Section](#) of the observatory.

FREE training material can be also downloaded from the SAM Website in the [results section](#).

2. Project articles

Read our latest publications:

1. [Relevance of new AM developments for AM Supply Chain in terms of Powder Supply - April 2021](#)
 2. [3DADEPT - SAM's European Skills Strategy unveils key verticals that will benefit from collaborative skill solutions in the Additive Manufacturing sector - April 2021](#)
 3. [3DADEPT - About becoming SAM Associated Partner - April 2021](#)
 4. [Bridging the skills gap in Additive Manufacturing: The European Sector Skills Strategy Roadmap to 2030 is now out to support the growth and competitiveness of the sector | EURACTIV PR - February 2021](#)
 5. [SAM: The solution to Additive Manufacturing skills shortage in Europe](#)
 6. [The impact of the project objectives on the Industrial ecosystem](#)
 7. [SAM An opportunity to enhance AM educational programs through training centers and universities](#)
 8. [SAM surveys identify the current and future skill-gaps in the 3D printing industry's workforce](#)
 9. [Lack of awareness on Additive Manufacturing among young people: a concrete barrier to industry and workforce match-making](#)
 10. [3D printing know-how for trainees and design engineers](#)
 11. [Encouraging the next generation of students to study STEM subjects](#)
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3. Get involved

endorse our strategy for skills recognition in Additive Manufacturing?

Good news! There are several ways to be involved in the SAM project with your expertise or endorsement, or both.

Contact us through [this form](#) and find out how to become a SAM [Associated Partner](#) and support the activities of the project consortium!

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