



3rd Follow up and impact of AM Training Report

Executive Summary

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This report provides an overview of the results obtained with the follow-up questionnaire sent to the participants involved in the 3rd stage of the SAM piloting activities, six months after the training occurred. These activities cover the implementation of revised training guidelines for the IAMQS (International Additive Manufacturing Qualification System), including its Quality Assurance System integrated in the piloting of the methodology for creating professional profiles and skills.

The 3rd stage of the SAM piloting courses, conducted under WP5 Pilots Methodology (5.7 Piloting events of the Short-Term Scenarios), addressed the implementation of the following Competence Units (CUs)/Units of Learning Outcomes (LOs): CU72: Metal Additive Manufacturing Binder Jetting Process and CU73: Introduction to Sustainability for Additive Manufacturing. In total, two CUs were implemented from the 24th to the 30th of March 2022. The implementation of the 3rd Stage of Scenarios Piloting counted with 31 participants.

This report compiles the information obtained through the implementation of D2.6 *Kit for tracking students, future employees and job seekers in AM* (developed in Work package 2), as well as some recommendations to improve future training sessions, collected among the participants of the 3rd of Piloting Events for Short-Term Scenarios.

The findings enable to conclude the following about the IAMQS CU courses:

- **AM course contents were attractive for both workers** (96% of the participants were employed before starting the training) **and unemployed people** (4% of the participants had no current working position).
- Diversity of profiles attending the course and replying to the Survey, where most of the respondents are PhD Students, Project Managers, Engineers and Researchers.
- In both assessed CUs, participants considered having significantly **increasing of their knowledge and skills** about the topics.
- The training provided had a **positive impact concerning the applicability and transfer of knowledge and skills into the professional activity** (rated in its majority as Good, followed by Very Good).
- The training provided had a lower impact as a trigger for enrolling in future training (only 8% mentioned having started another course).
- Overall, comparing the before and after training applicability of the knowledge and skills, there was a sustained impact in demonstrated by the increased results, where 88% of the participants found **no barriers in transferring the acquired knowledge and skills to their working practices** and more than 80% considered “Good” and “Very good” the impact of the training for their company’s real needs, their professional career and for their current job.