

AMTECH PROJECT

Training activities in Molise: *“Management and Business of Additive Manufacturing Industry”*

Presentation of the project

The project “**AMTECH - Additive Manufacturing Technologies**/No. SA-0100202” is co-financed by the European Union under the Instrument for Pre-Accession Assistance (IPA III) Interreg IPA South Adriatic 2021/2027.

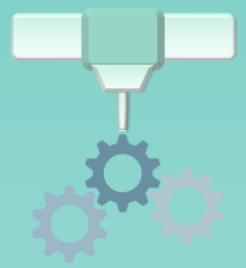
AMTECH project main aim is to help small and medium enterprises in Italy, Albania and Montenegro, to improve their skills and knowledge in Additive Manufacturing (AM) technology. Additive Manufacturing is an advanced production technology that builds objects layer by layer from digital designs, often referred to as 3D printing. This approach allows the creation of complex shapes and structures that are optimized for performance and weight, while also minimizing waste. The project supports the SMEs to make faster design changes, reducing production times and respond quickly to market demands, also in traditional sectors.

The main reason behind the conceptualization of the AMTECH project lies in the need to raise the technological and R&D level of manufacturing enterprises in the Programme Reference Area, in order to create a cross-border technological district between Italy, Montenegro and Albania. More In detail, the AMTECH project aims to ensure access to knowledge, engineering skills and production capacity to local SMEs and the supply chain. Therefore, the main outcome of the project will be the development of a Joint Action plan indicating the directions to follow to increase the competitiveness of SMEs in the Programme Area on AM technologies at European level.

The project partners are: IMAST - High Technology District on the engineering of materials and polymeric and composite structures (IT); Centre for 'Innovation and Entrepreneurship Tehnopolis (MNE); Pro-Eksport Albania (AL); Sviluppo Italia Molise (IT).

Within the framework of the Interreg IPA South Adriatic Cross-border Cooperation Programme, SVILUPPO ITALIA MOLISE, as a partner of the AMTECH project, in collaboration with international stakeholders, is organizing a **training module**, reserved for operators from different production sectors and qualified stakeholders, on the topic “*Management and Business of Additive Manufacturing Industry*”.





Presentation of training activities

The training activities will be held from **10th to 13th February 2025**, at the Campochiaro Enterprise Incubator (CB) - Via Don G. Mucciardi, 5 - Campochiaro (CB).

The training introduces participants to the business model change that the application of additive technology brings to different business sectors.

The most recent models of innovation ecosystems will be described and the relationships in a collaborative logic will be analyzed with the various players in the value chain (incubators, accelerators, academia, etc.). The training will also highlight how the cluster approach can increase business value and impact on operations, innovation, supply chain, environment and community relations.

Additive manufacturing (AM) represents a key enabling technology that has gained considerable interest from both industry and academia in recent years. Many reasons underlie the success of AM, including, but not limited to, the possibility of rapid prototyping, product customization and waste minimization.

On the one hand, AM offers a seamless transition from design to production, enabling rapid and cost-effective design changes; on the other hand, by requiring lower capital costs than traditional manufacturing processes, it has the potential to lower the barriers to market entry for new products, a critical factor for SMEs.

Companies adopting Additive Manufacturing can therefore achieve significant advantages in terms of flexibility, innovation and sustainability. However, it is important to address technological and regulatory challenges to maximize the potential of this technology and effectively integrate it into existing production processes.

Attachment: **training agenda**

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