



SPECIAL FEATURES

CLLAIM featured in *Additive Manufacturing—Developments in Training and Education*

The article “*Professional Training of AM at the European Level*” (Eurico G. Assunção, Elvira Raquel Silva and Eujin Pei) highlights the fact that in Europe, training and qualification for AM personnel is fragmented; “small and separates locks of training are being delivered across countries in different directions”.

The authors point out one of the biggest challenges in tackling AM skill needs and shortages: technology is developing at a higher speed than education/training provision. The article features CLLAIM project as an example of how companies, universities, training institutions and governments can work together to improve qualification and training processes in the AM field.

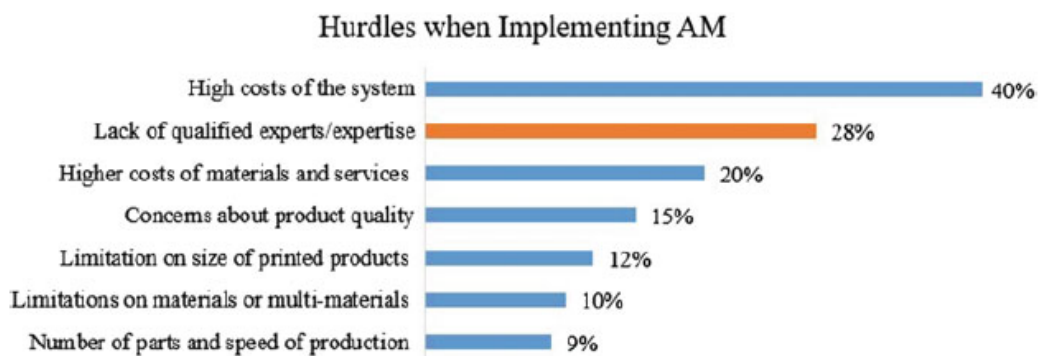
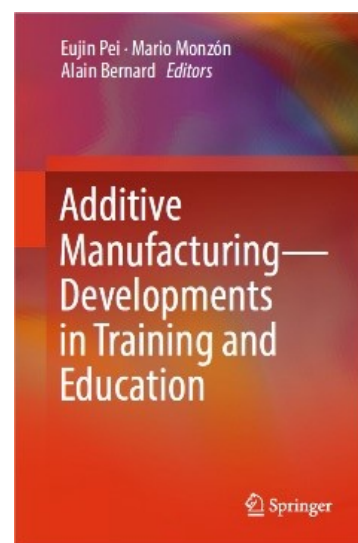


Fig. 1 Barriers of implementing AM (N=900 companies) (Ernst and Young 2016)

According to the authors, one of the biggest challenges in tackling AM skill needs and shortages

is related to the higher speed of technology development when compared with the speed of education/training provision.

CLLAIM project is highlighted as an example of how companies, universities, training institutions and governments can work together to address these challenges.

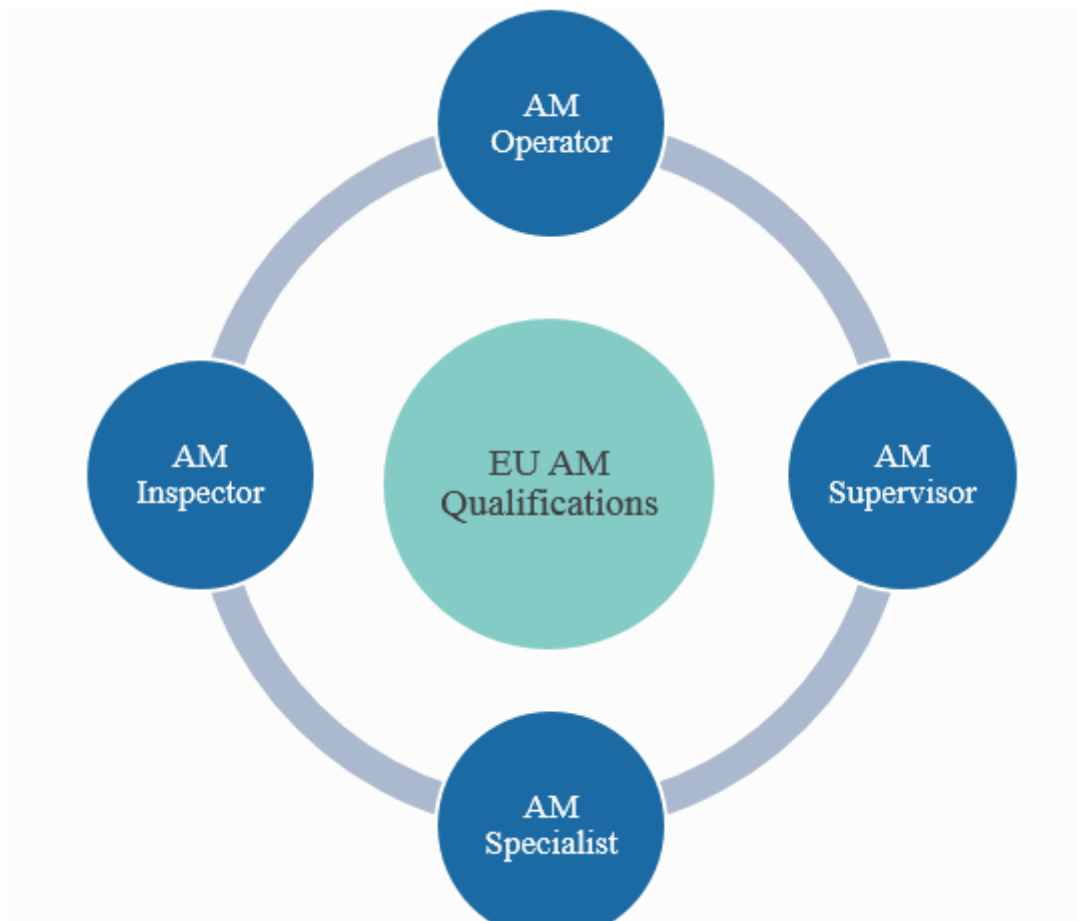


LATEST DEVELOPMENTS

The CLLAIM Consortium conducted a research which included several surveys to evaluate, in Partner countries, the relevance of the creation of an AM Qualification Body. A Strategic Plan defining the mission and aims of the European AM Qualification body and outlining its Organisational Structure is being developed.

Strategic Plan

Partners are working on a Strategic Plan that lays the foundation of CLLAIMS's European Additive Manufacturing Qualification Body. This strategic plan should set up the basis for the creation of the harmonized training system to supervise and certify the quality in AM training and qualification. Strategic Plan, which defines the mission and aims of the European Additive Manufacturing Qualification body, outlines its Organisational Structure, while clearly explaining the rules and requirements that regulate its design and implementation. It also tackles Operating procedures related to the Education, Examination, Qualification and Certification processes.



Innovative Toolkit

Partners are developing a European Additive Manufacturing Qualification System Toolkit which will feature the necessary rules and procedures for the implementation and maintenance of the AM homogenized qualification system.

ARTICLES

Within the last months, several articles have featured the CLLAIM



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EDUCATION

One of the aims of the CLLAIM project is to have an ongoing dialogue with the educational field. In 2018 Cllaim was presented in some education related events:



Two presentations of the CLLAIM project were held by LZH at Niedersachsen Additive (March/June 2018)

CLLAIM's methodology was highlighted at the 5By5 Workshop in Lisbon (October 2018)



EVENTS

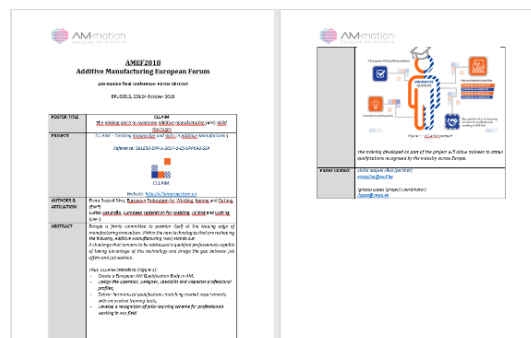
The project was also presents in a series of European events dedicated to Additive Manufacturing.

Following its presentation at the 1st EWF AM Qualifications Workshop in Lisbon (May 2018), Cllaim was once again featured at the 2nd EWF AM Qualifications Workshop in October 2018.





AMEF - Additive Manufacturing European Forum (October 2018)





Fertigung-Hightech Impulse für KMU (November 2018)

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