



KOM Mainstreaming Committee in Spain CESOL

Project title: **C**reating know**L**edge and skill**L**s in **A**dditive **M**anufacturing

Reference number: 2017-3309/591838-EPP-1-2017-1-ES-EPPKA2-SSA



This project has been funded with support from the European Commission. This communication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



Co-funded by the
Erasmus+ Programme
of the European Union



CLLAIM Project

- ❖ International AM qualification body and Harmonized Qualification System
- ❖ EQF and ECVET methodologies
- ❖ Guidelines and Examination materials (CUs and RPL)

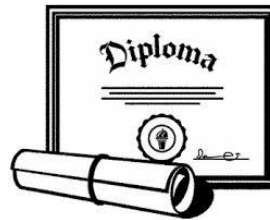


Designer, Operator, Supervisor and Inspector  Guidelines per profile



64 Competence Units

✓ Record of Achievement





CLLAIM Project

❖ Qualifications Developed in CLLAIM:

AM Operator in DED Arc

8 CUs / 80,5 h

AM Operator in DED LB

10 CUs / 108,5 h

AM Operator PBF-LB

10 CUs / 80,5 h

AM Operator PBF-EB

9 CUs / 73,5 h

AM Designers for DED

6 CUs / 115,5 h

AM Designers for PBF

6 CUs / 108,5 h

AM Supervisor

7 CUs (87,5 h

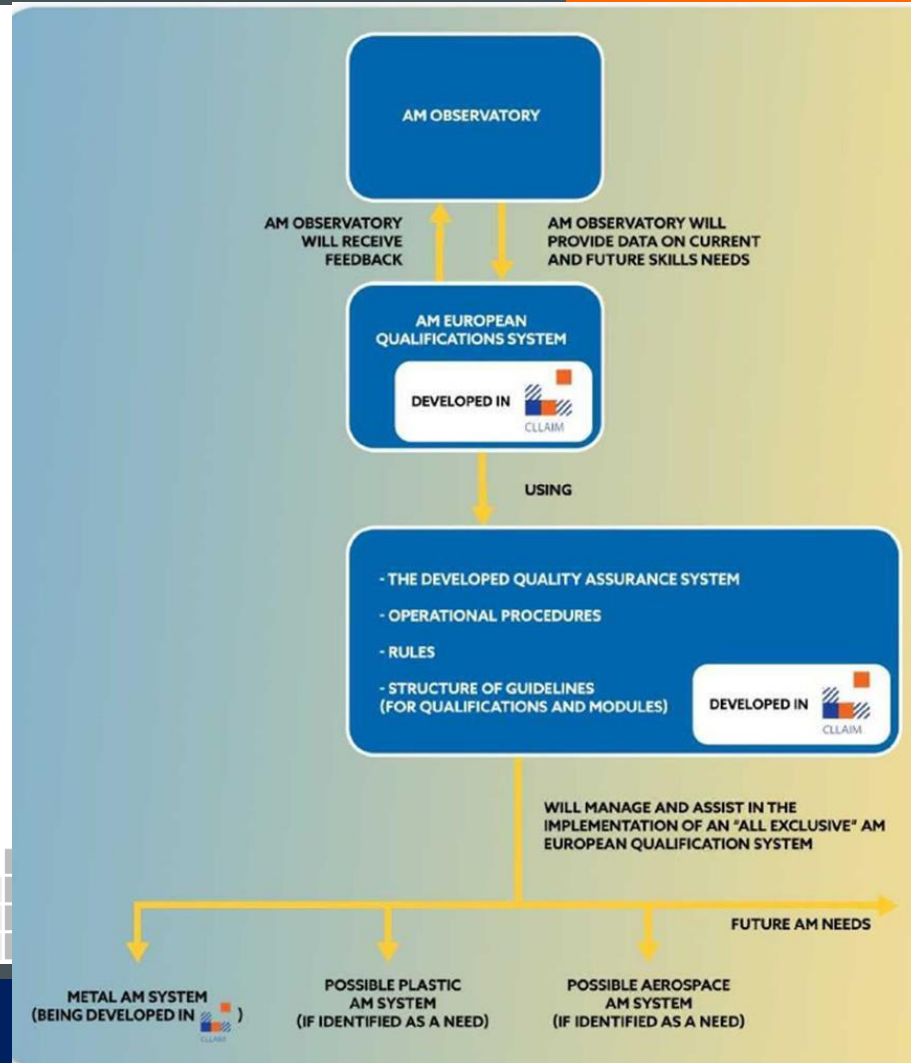
AM Inspector

7 CUs / 126 h



CLLAIM Mainstreaming Committees

Exploitation of the AM Qualification System





Co-funded by the
Erasmus+ Programme
of the European Union

Project title: **C**reating know**L**edge and skills in **A**dditive **M**anufacturing
Reference number: 2017-3309/591838-EPP-1-2017-1-ES-EPPKA2-SSA



CLLAIM

CLLAIM Mainstreaming Committees

International
Metal AM
Qualification
System



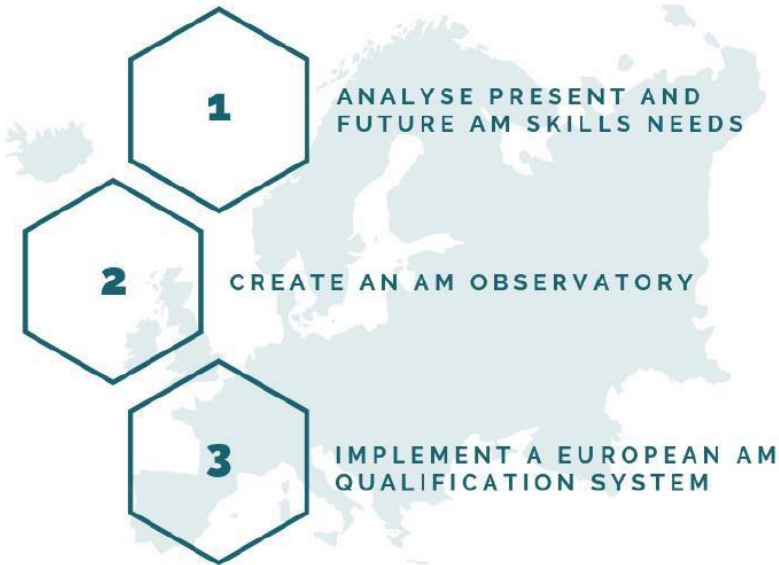
Results transferability and
sustainability

- Update and review of the AM Operators, Designers, Inspectors and Supervisors
- Ensure the continuous implementation of the IAMQS through Members and Training Organisations



CLLAIM Mainstreaming Committees

AM Observatory



Skills forecast

Development & review of Professional Profiles /Qualifications



Real Case Scenarios
(6 months)

Short Term Scenarios
(2 years)

Foresight Scenarios
(10 years)



Co-funded by the
Erasmus+ Programme
of the European Union

Project title: **C**reating know**L**edge and skills in **A**dditive **M**anufacturing
Reference number: 2017-3309/591838-EPP-1-2017-1-ES-EPPKA2-SSA



CLLAIM

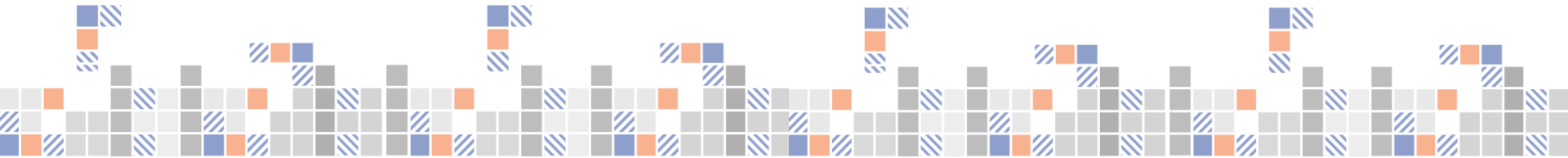
CLLAIM Mainstreaming Committees



National MSC



Observatory





Co-funded by the Erasmus+ Programme of the European Union

Project title: **C**reating know**L**edge and skills in **A**dditive **M**anufacturing

Reference number: 2017-3309/591838-EPP-1-2017-1-ES-EPPKA2-SSA



CLLAIM

CLLAIM Mainstreaming Committees

JOIN SAM GROUPS!

All Students, Trainees and Jobseekers in AM are invited to join SAM project groups.

Sector Skills Strategy in Additive Manufacturing

<https://www.linkedin.com/groups/12231279/>



Students, Trainees & Jobseekers in AM

<https://www.linkedin.com/groups/8918566/>



3D Printing Channel



<https://www.youtube.com/channel/UCO-PfDXv5ReiELtkvVbtHA>



Project title: **C**reating know**L**edge and skills in **A**dditive **M**anufacturing
Reference number: 2017-3309/591838-EPP-1-2017-1-ES-EPPKA2-SSA



Thank you for your attention

Héctor Carballo Joglar
CESOL



This project has been funded with support from the European Commission. This communication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



Co-funded by the
Erasmus+ Programme
of the European Union