

**FRANCE
ADDITIVE**
FILIÈRE IMPRESSION 3D

4-6
JUILLET

FORUM
ÉDITION
2023

FRANCE
ADDITIVE
FILIÈRE IMPRESSION 3D



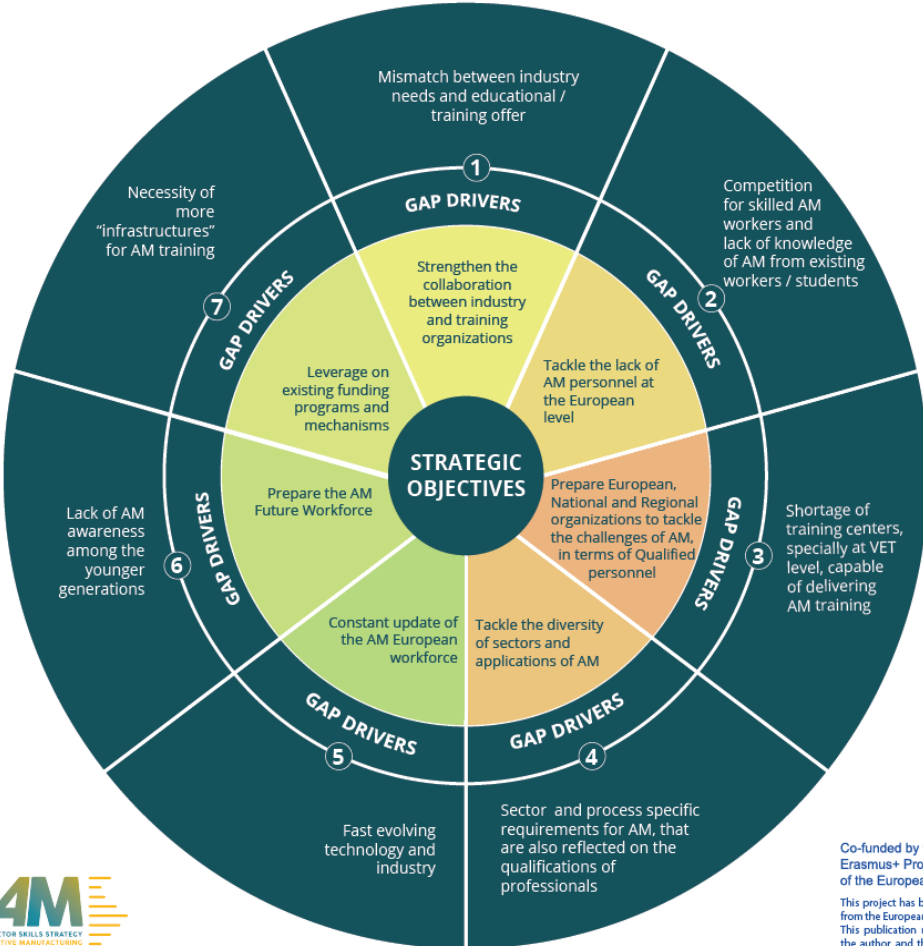
ERASMUSAM

SECTOR SKILLS STRATEGY IN ADDITIVE MANUFACTURING



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

Sector Skills Strategy in AM



European Strategy for AM Personnel Qualification



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



This project has been funded with support from the European Commission. This publication 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.

Commission cannot be held responsible for any use which may be made of the information

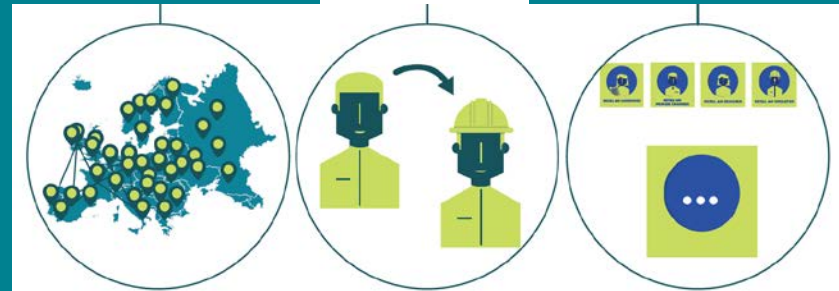


**European AM
Observatory**

Forecast methodology for the identification and anticipation of **skills needs in the AM sector**

International Qualification System for AM Management

International AM Qualification System



**Network of
Training Centres
in AM**

**Qualification of
the AM
Workforce**

**Metal &
Polymers
Processes**

OBSERVATORY IN ADDITIVE MANUFACTURING

Two councils



Metal AM WG



Polymers AM WG



David
Wimpenny



Qualification Council

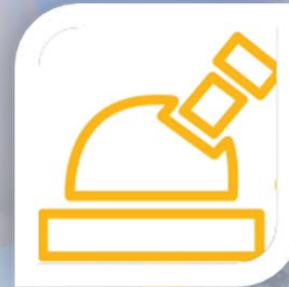
Paula
Queipó



Martin
Schaefer



Industrial Council



Building a community network of Experts in AM



17 Full Partners
38 Associated Partners

35 companies involved in the IAMIC
82 organizations in the IAMQC



More than 100 stakeholders involved in the
Strategy Definition

Ongoing open call for Experts
<https://www.skills4am.eu/callforexperts.html>



How can



IAMQS

benefit you?

COMPANIES

support your **competitiveness** and **growth**, ensuring the **right skills sets** of your **workers**, according to **your business needs**

TRAINING CENTRES

increase your **training offer**; enhance your **collaboration with other organisations**, and **attract trainees** from around the world

TRAINEES

gain **specialized know-how** to leverage AM technology, **increasing your chances** to find a **job /start a career**.

INTERNATIONAL AM QUALIFICATION SYSTEM

Based on the **ONLY** Manufacturing
Qualification System



ONE  **FORTY SIX 46**
SYSTEM **COUNTRIES**

30 YEARS OF INTERNATIONAL QUALIFICATIONS



Training Personnel in Welding & Joining

Qualification of Personnel in Welding & Joining

Certification of Personnel / Companies



Technical Information

Technical Products

Collaboration Projects



Major pillars of IAMQS Quality Assurance System



IAMQS



Members Network

Technical Committee
s/Working Groups

Development of
qualification
guidelines,
rules and
procedures

Authorized
Nominated
Bodies

ANBs

Supervision
and
implementation
of the system

Approved
Training
Centres

ATBs

Training
delivery of
qualification
guidelines

THE ONLY INTERNATIONAL HARMONISED
SYSTEM IN MANUFACTURING

HARMONISED
TRAINING
GUIDELINES

*minimum education and
assessment requirements,
according to industry
standards*

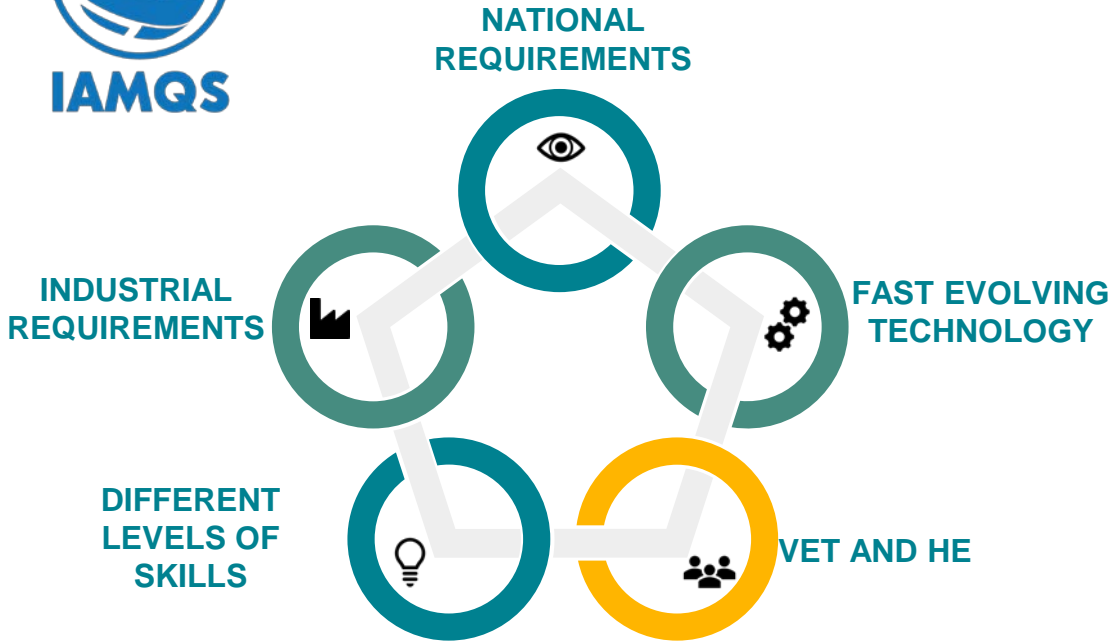
HARMONISED
ASSESSMENT

*practical and theoretical
assessment*

QUALITY
ASSURANCE
SYSTEM

*rules and procedures
implemented by ANBs &
ATBs*

Based on ISO 17024



Qualification of Personnel Standards:

Designer - ISO/ASTM 52937

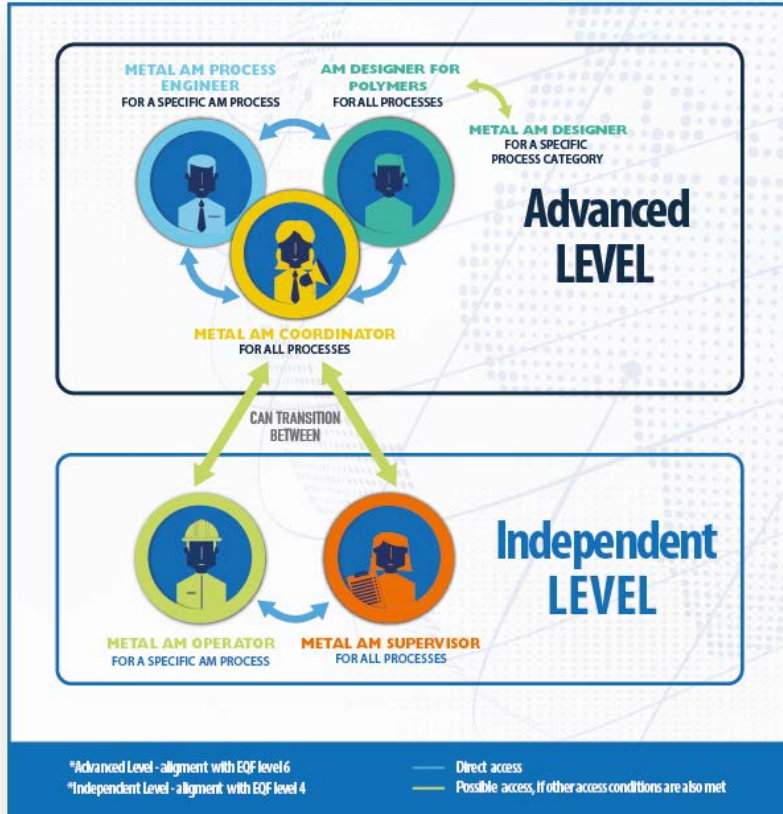
Operators - ISO/ASTM 52926

Coordination - ISO/ASTM 52935



ASTM INTERNATIONAL

Progression in the IAMQS



Network of Training Centres (ATBs)



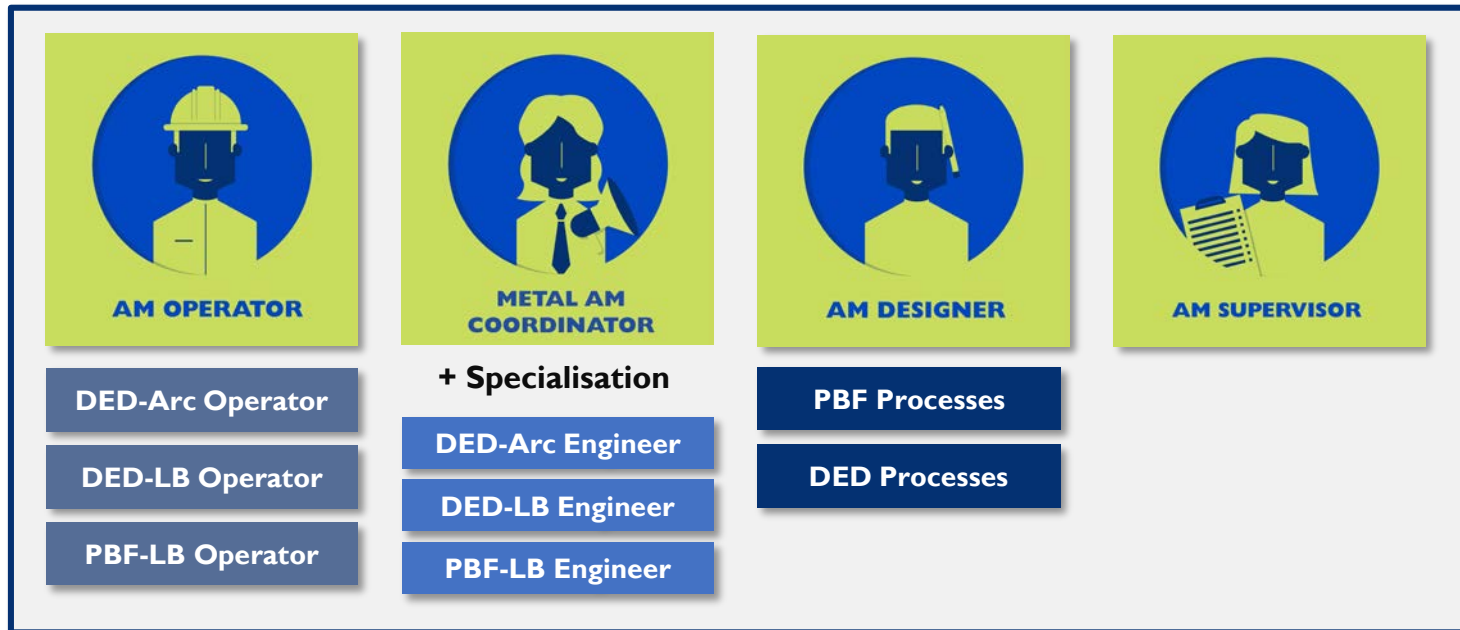
**ATBs already
implemented
in 7 countries**

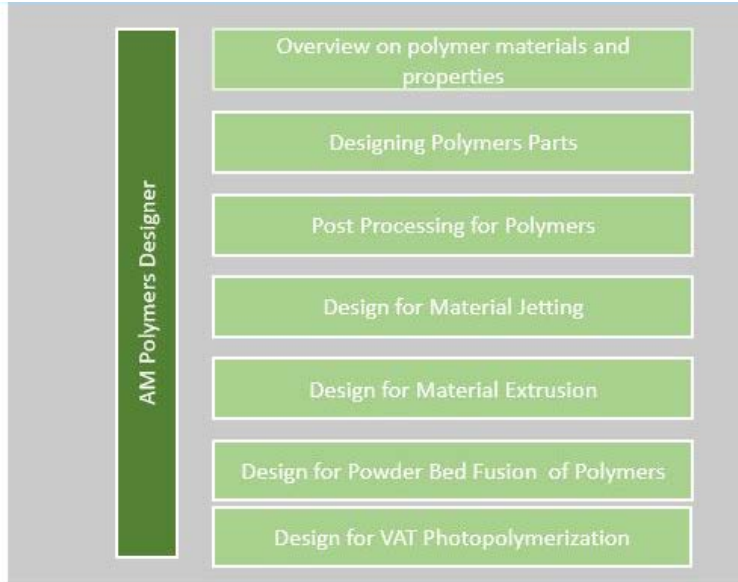
Find out more at EWF.BE/IAMQS

Find your Training Centre at
SAM OBSERVATORY



WHERE TO LEARN ?





Business for AM

Sustainability for AM

Certification, Qualification & Standardisation

Binder Jetting Process

New qualifications & AM Skills



New Profiles, Qualifications and CJs



IAMQS

Which learning fits me?



Find your path - Which training suits you best?

Is this your first contact with Additive Manufacturing/3D Printing?

Yes

No

Next

We have a few preliminary suggestions for you. Press the button to see them.

Show Learning Units



- Assessment query giving training suggestion based on your interest
- Four questions
- Available for any user (no registration required)

<https://www.ewf.be/sam/assessment.aspx>

Find a job - Careers Opportunities

Details	Employer	Job title	Kind of job
View			Full-time
View	Ansys	Senior Application Engineer, Manufacturing Simulation Specialist	Full-time
View	Ansys	R&D Engineer II	Full-time
View	Ansys	Spring 2023 Intern Development, Mechanical Engineering	Full-time
View	Ansys	Fall 2022 Intern, Development, Mechanical Engineering	Full-time

<https://www.ewf.be/sam/am-global-market/job-offers.aspx>



Engage with the
system


- International AM Diplomas recognized by Industry.
- AM Qualifications 100% in line with industrial requirements and in compliance with Standardization rules;
 - Access to an internationally recognized AM Qualification System;
- Awarding of a Record of Achievement per completed Competence Units
 - Quality Assurance in the implementation of training & assessment



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

AM STUDENTS
AM TRAINEES
AM JOB SEEKERS

627 members
Including Michel Janssens and 81 other connections



+78

Invite connections

Join the
community!

Students, Trainees & Jobseekers
in Additive Manufacturing





Thank
you