

Peer Learning Activity (PLA) on Micro-credentials for
the Labour Market - a Sectoral Approach:
Manufacturing and Retail



EWFF

European Federation for
Welding, Joining and Cutting

International Qualifications in Advanced
Manufacturing & Micro-credentials

29th January 2024

Online meeting



www.evff.be

ONE SYSTEM +40 OVER FORTY COUNTRIES

+50

**COURSES
QUALIFICATIONS
& CERTIFICATIONS**

+20

**TRAINING
GUIDELINES**

+650

**AUTHORISED
TRAINING
CENTRES**



- ✓ Industry Skills needs
- ✓ Developing Qualifications and Guidelines
- ✓ Creating alliances
- ✓ Assuring harmonisation of Education & Training
- ✓ Authorising E&T centres

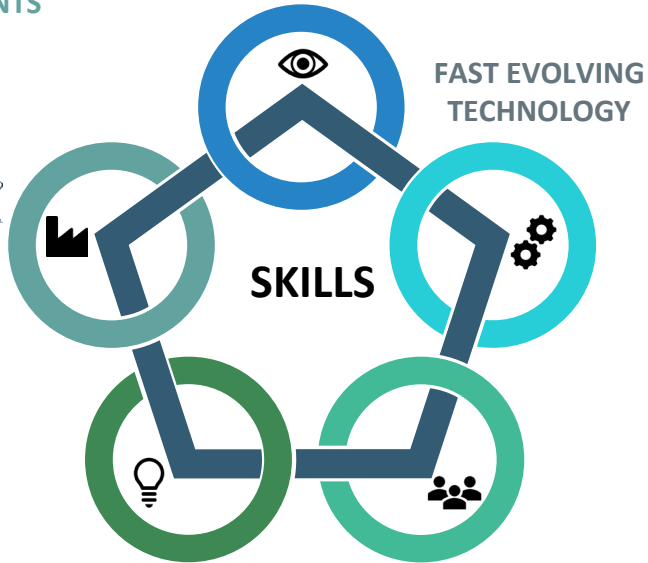
- ✓ Rules & Requirements for ANBs
(entities managing training at national level)
- ✓ Rules & Requirements for ATBs
(training centers)
- ✓ Harmonized Assessors Training and Peer Review

QUALITY ASSURANCE SYSTEM



INDUSTRIAL
REQUIREMENTS

NATIONAL
REQUIREMENTS



DIFFERENT LEVELS OF
SKILLS

VET AND HE

Top-down Approach

QUALIFICATION SYSTEMS

LINKAGE TO A

QUALIFICATIONS FRAMEWORK

FOR ALL

QUALIFICATIONS

STRUCTURED IN

COMPETENCE UNITS



AM MODULAR SYSTEM

WELDING, INSPECTION & JOINING

Since 1992...

Updates / Review process



Hybrid System

- ✓ All Welding Training Guidelines Structured into Modules (using LOs)
- ✓ Modules assessment occurs at the end of Qualification
- ✓ Modules do not stand along/outside a Qualification
- ✓ **Ongoing Modularization for:**
 - Welding Coordinators I/EWE; I/EWT; I/EWS; I/EWP
 - Welding Inspector's I/EWI-B; I/EWI-S; I/EWI-C;
 - Adhesive Bonder EAB

In progress

Aligned with NQF –
National Qualifications

Quality Assurance
System

INTERNATIONAL QUALIFICATIONS SYSTEMS

ADDITIVE MANUFACTURING

Since 2018...

Designed from scratch



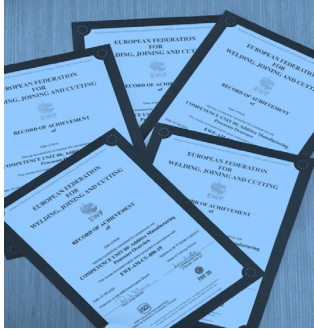
Modular System

- ✓ All AM Qualifications are Structured in CUs
- ✓ There are Qualification Guidelines
- ✓ There are Competence Units Guidelines
- ✓ CUs are expressed into LOs, and validated / assessed independently

Fully Implemented

Quality Assurance
System

EFW approach to Micro-credentials



RECORD OF ACHIEVEMENT (RoA) Digital / Paper

Valid for life

Each completed CU gives access to a **certificate**.
Digital or Paper Record of Achievements per CU
Requires successful completion of the CU exam, meaning at **least** 60% of positive scoring & attendance of at least 60% of sessions

The awarding of the RoA & diploma within IAMQS

DIPLOMA In paper

Valid for life

Diploma is awarded under the following conditions:

- Successful completion of all CUs exams related to the Qualification
- The qualification diploma can only be issued if CUs RoA's are awarded on the last 4 years

Competence Units

- ❖ LOs (knowledge & Skills)
- ❖ Workload and contact hours
- ❖ Stand alone or in Qualification
- ❖ Assessed Independently by exam
- ❖ Duration (3,5-35 H or more)
- ❖ Proficiency level (aligned with EQF)
- ❖ Recommended Prerequisites
- ❖ No credits assigned



WELDING, INSPECTION & JOINING

Since 1992...



- **Change of mind-set**
- **Investment in adjusting existing resources and tools to support the implementation**
- **Administrative burden**
- **Increased financial cost for end-users**

QUALIFICATIONS SYSTEMS

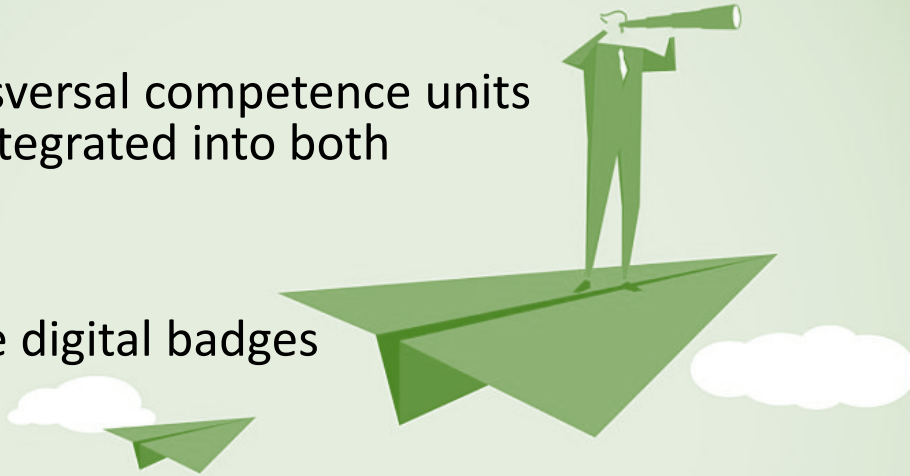
ADDITIVE MANUFACTURING

Since 2018...



- **Qualification are still more valued /recognised than smaller units by end-users**
- **Administrative burden**
- **Increased financial cost for end-users**

- ✓ Develop transfer and recognition mechanisms between the two qualification systems
- ✓ Develop transversal competence units that can be integrated into both systems
- ✓ Ensure secure digital badges



THANK YOU



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