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AILEEN

centres of vocational Excellence in aerospace & defence for advanced manufacturing

Establishing a dynamic cooperation system for the education of Additive Manufacturing, Welding, Brazing & Inspection Professionals



Transfer of best practices
between industry



Capacity
Building



Students and staff
mobility



Innovation
hub



Skills
Competition



EU Curriculum
Design



Work-Based
Learning



Problem-Based
Learning



Applied
Research

AILEEN is a project that brings together **18** partners from **7** countries, all invested in strengthening the Aerospace and Defence sectors. **AILEEN** is a **4** year project funded by the ERASMUS+ Programme.

Advanced Manufacturing is a large part of the Aerospace & Defence ecosystem and has to meet high quality standards.

The demand for skilled professionals is intense. However, a fragmented training system has resulted in a shortage of qualified personnel.

To bridge this gap of shortage of qualified personnel, the establishment of Centers of Vocational Excellence (CoVEs) is essential.

CoVEs provide best practices and knowledge transfer, crucial for elevating the industry's competitiveness.

CoVEs ensure harmonized training systems, making it easier for Vocational Education Training (VET) centres to implement best practices and promote synergies.

The AILEEN project aims at:

- ✦ Developing systematic conditions to guarantee quality of the synergy and cooperation actions across countries;
- ✦ Developing Advanced Manufacturing technological, digital and green skills required for the transition to a circular and greener economy;
- ✦ Updating the European/International Harmonized Curricula for Welding Qualifications and additive manufacturing Qualifications according to the specific requisites of the Aerospace and Defence ecosystems.



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