

The IQMET project started in September 2023, and aims to develop a new, innovative training methodology that better supports and implements effective digitalization of advanced manufacturing processes, by delivering blended- and work based training system solutions. VET providers will apply new welding simulator (WS) tools and problem based industry cases to let students answer "what happens if ..." based up on a "play and evaluate approach". Support greening processes, which is leading to reduced pollution, less CO₂ emission and - Implement a new methodology.



New Innovative Methods for Quality Capacity
Life Cycle Production Process Training of Inspectors

Duration: Sept. 2023 - Aug. 2026

Project no.: 2023-1-NO01-KA220-VET-000155256

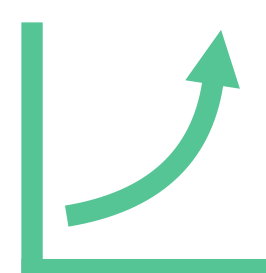


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Expected results and outcomes

- Developing, testing, evaluating and validating a **new training methodology** that let VET providers deliver **work-based training** leading to an **international recognized qualification** in welding.
- Applying work-based learning techniques underlining the special emphasis on **skills and competence development**.
- Apply **welding simulators** to improve **re-skilling of staff** through work-based learning in the workshop.
- Increase the capacity for VET** to require operators to the manufacturing industry.



Implementation

A new methodology letting VET providers to re/up-skill manufacturing staffs knowledge in joining/welding processes.

- Extensive use of **industry cases** to show how to **carry out tasks in the correct way**. Additionally, industry examples with **production failures and mistakes** will be used to let the learners **investigate and discuss the consequences** of making mistakes.
- Apply **work-based learning techniques** in order to meet industry skills development.
- Implementation of **welding simulator tools**.



Co-funded by
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