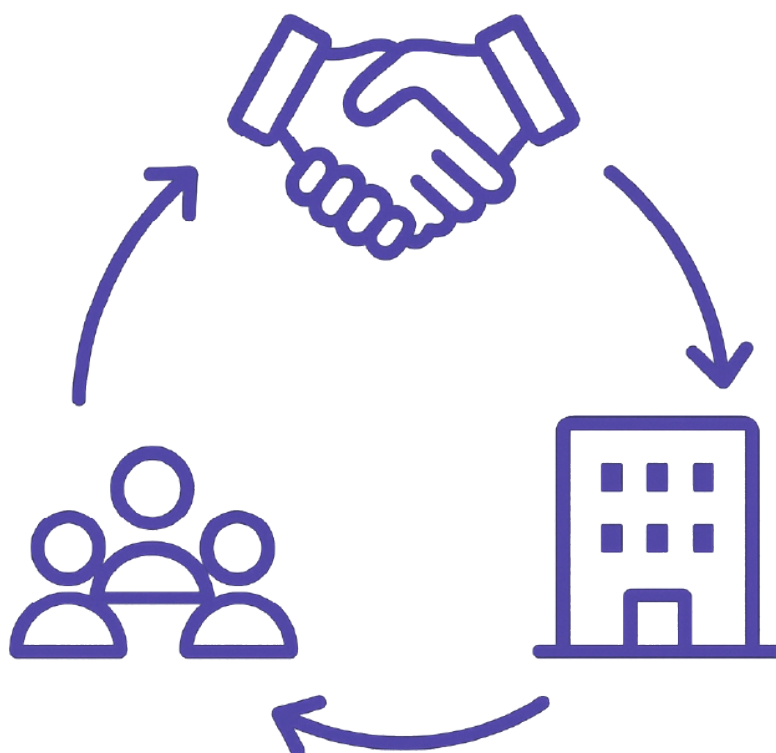


Best Practice n°3



Real Case Collaboration – Academia INOV.AM

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- **Type:** Collaborative Networking & Industry Partnership
- **Category:** Networking
- **Method/Tool:** University & Company Collaboration
- **Best Practice Description:** Active collaborations with universities, technology centers, and industry partners provide relevant, up-to-date training content and access to practical expertise.

Background

ISQ is a private, non-profit and independent technological institution founded in 1965, that offers worldwide a range of Engineering, Consultancy, Inspection, Testing, Training, R&D and Innovation services.

Overview of Best Practice Approach

ISQ leverages its participation in European (SAM) and national (INOV.AM) initiatives, combined with its role as an EWF-accredited training body, to co-develop and deliver training programmes in additive manufacturing.

Supported by skills intelligence from the AM Observatory, these programmes are continuously updated and integrated into ISQ's training catalogue, ensuring long-term, industry-aligned provision.

Implementation in Practice

This initiative is implemented through active participation in INOV.AM consortium, which brings together companies, universities, polytechnic institutes and technology centres to address skills gaps in Additive Manufacturing. In this consortium ISQ acts as both as a training provider and industrial partner, contributing to the development of materials and delivery of specialised courses. Training is organised through pedagogical hubs where courses are delivered in flexible formats (hybrid, online, and in person), covering key AM technologies, such as Power bed fusion, material extrusion and Direct Energy Deposition.

Industry Relevance

This best practice directly addresses one of the main challenges in additive manufacturing: shortage of skilled workers with multidisciplinary competencies. The aim of the INOV.AM programme is to boost innovation and competitiveness in the portuguese industry, fostering close collaboration between this and academia. By having both those perspectives within the consortium, the training programmes reflect real industrial needs and applications. Participants benefit from practical, hands-on experience with equipment and processes, enabling them to effectively apply their knowledge in industrial environments. This is critical to supporting the adoption of Additive Manufacturing technologies and ensuring that companies remain competitive in an increasingly digital and innovation-driven landscape.



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Example of Outcome

One outcome of this collaboration is the **Academia INOV.AM**, a structured training initiative supporting upskilling in additive manufacturing.

<https://inovam.pt/consortium/>

<https://www.academiainovam.pt/mod/page/view.php?id=268>



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