

Methodologies, Accreditation and Training within Outsourced Production Processes and Global Production Workflow

Outsourcing has helped companies in Europe to turn around their processes and become more competitive in the world markets.

Manufacturing is the 2nd largest sector in outsourcing, with 150b Euros worth of contracts worldwide. In this environment, companies do not only sell products, but also know how and processes. In the context of the virtual and modular enterprise, large companies need to transfer their internally developed know how to SMEs that are recipients of outsourcing contracts.

GLOBAL MAT aims to validate a new competence transfer model, a new measurable quality assurance system, and a new pedagogical principle for organising, delivering, and deploying effective production technology transfer within and between companies, as well as towards Vocational Education and Training schools. **GLOBAL MAT** establishes new model(s) for delivering in-company skills development processes that significantly reduces the costs related to technology transfer and enhances production competence know-how transfer between the companies involved.

Expected results:

- * New methodologies and quality assurance services for the extraction of in-house specialized know-how, and mapping of competence gap at both the company that outsource the production and the SME receiving the production
- * Design of educational content and train-the-trainer program targeting use of blended learning methodologies
- * Delivery of train-the-trainer courses to trainers within companies and SME's
- * Framework for the development of supplementary-to-formal-training educational material
- * Blended-learning delivery guidelines for the transfer of knowledge between companies as well as from a VET to a company
- * Proof-of-concept educational content for the validation of the methodology, to be tested in the mechanical industry
- * Validation of the proposed training design methodology and training delivery principles through real-life scenarios based on the needs of the mechanical industry

Project Partners: