

# Newsletter

Written by FAME team

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Edition 4

*Do you know ADVANCED MANUFACTURING  
TECHNOLOGY?*

*FAME gives answers to SMEs!*

## Summary of the FAME project

**FAME is an innovative Erasmus+ project which aims to improve the competitiveness of SMEs within the sectors of Food and Beverages, Wood & Furniture, Metal, and Electronics and Electrical Equipment.**

It supports individuals in acquiring and developing key competences which comprises of technical, specialised, transversal and digital skills that will improve professional development.

**FAME introduces and explains topics related to Advanced Manufacturing Technologies that are split into 42 actions across 7 training modules.**

The FAME platform is among the key project results and comprises of: an online course, Skill Retention

Service and Open Badges. The FAME Virtual Assistant is an automated system that helps to adjust the user's learning path to best benefit from the experience.



**We have also created the FAME Network, which is an online active community set up to support our platform users and for the exchange of professional expertise.**

All the FAME project outcomes are available through the [website](#) in English, Greek, French, Polish and Spanish.

*Meet the partners*



**ECAM EPMI**  
GRADUATE SCHOOL OF ENGINEERING

**CIVIC**

**co.in**  
cosmic innovations

**CENFIM**

Home & Contract furnishings  
cluster and innovation hub

**DANMAR**  
COMPUTERS  
✓ IT matters

**CCS**  
Digital Education

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## Testing and validation

Each Partner was assigned with the task to pilot test the digital tools developed within the FAME project. The goals of the piloting included the collection of feedback from participants on **testing** the training content, **Learning Management System**, **Knowledge Retention Service**, **Open Badges** and the **platform** in general.

Due to the current global circumstances regarding the organization of face-to-face meetings, Partners decided to conduct the testing mostly by online mode. After each pilot test, participants completed questionnaires. Collected feedback helped us in improving and updating the FAME platform.

We present here a snapshot of all the training modules.

## 7 TRAINING MODULES

TO HELP YOU IMPROVE THE COMPETITIVENESS OF YOUR SME AND DEVELOP THE **AMT MANAGER PROFILE** WITHIN THE INDUSTRIES OF **FOOD & BEVERAGES, WOOD & FURNITURE, METAL AND ELECTRONICS & ELECTRICAL EQUIPMENT.**

**42 actions across 7 modules**

### 3D PRINTING & DIGITAL MANUFACTURING

- Transforming factories into digital factories
- Adopting 3D printing technologies
- Navigating complex design
- Integrating new tools
- Using IoT, data analytics & connectivity
- Reducing costs with 3D printing

### CLOUD MANUFACTURING

- Cloud computing to cloud manufacturing - architecture & connectivity
- Cloud manufacturing service platform
- Service-oriented manufacturing
- Flexible manufacturing system on-demand
- IoT & Cloud manufacturing
- Manufacturing cloud service

### ADAPTABLE MANUFACTURING

- Connected adaptable manufacturing
- Component & technologies for adaptable manufacturing - devices, machines & tools
- Optimization in smart manufacturing
- Transparency in adaptable manufacturing
- Proactive system & adaptable manufacturing
- Agile flexibility in adaptable manufacturing

### VR & SIMULATION

- Simulation technologies - overview
- VR explained
- VR application areas
- VR technology of today
- VR in manufacturing
- Simulation modeling in Industry 4.0

### SUPPLY CHAIN MANAGEMENT TOOLS

- Business Model Canvas (BMC)
- Intellectual property rights management
- Advanced supply chain quality management techniques
- Enhancing supply management through AMTs
- Digitization of supply chain maintenance
- Standardize digital data storage & transfer tools used in SCM

### PLM SYSTEMS

- Product lifecycle phases & main processes involved
- Collaborative methodologies along the product lifecycle
- Product lifecycle management software & integrations
- Product data management systems & analytics
- Embedded information devices - PLM & its role in Industry 4.0
- Connections between PLM & ERP

### ERP SYSTEMS

- Preparing for ERP
- Data management
- Customer relationship management (CRM)
- Coordination of processes
- ERP & the Internet
- Integrating ERP with CRM



Thank you for being with us and let's stay in touch



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