

ShakeAM: (Learning by SHARING Knowledge in dEsign for AM)

ShakeAM project addresses the need to increase the capacity and readiness of **Higher Education (HE)** institutions to manage an effective **shift** towards **digital technologies** for a systematic approach regarding the **training delivery** and acquisition of **digital skills** and **competencies** on **Design for Additive Manufacturing (DfAM)** by HE students and designer professionals (AM and non-AM experienced).

Within the **ShakeAM** project we will be developing a **DfAM Digital Ecosystem**. It will enable the implementation of **DfAM training pillars** and **share experiences** using a **Design Best Practices Database** on the topic through a forum to be created and integrated into the Ecosystem. This Ecosystem will **facilitate HE systems** to have first-hand on the best practices of DfAM and **transfer this knowledge** and **training** through the Ecosystem to the **students**. It will **align** with existing **AM qualifications** developed in line with the EU recommendations and tools. The quality of the training and proposed methodology will contribute to the sustainable growth of such subjects, continuous innovation, and recognition of the qualification across different EU countries.

ShakeAM project aims to **support teachers** and **general teaching professionals** in becoming familiar with **digital pedagogy/digital education** and with the **latest best practices**, improving their competencies and being able to **transfer** them to their **students**. Through the DfAM Digital Ecosystem, the ShakeAM project will also **support learners** from **HE** institutions to have a smoother **transition** from the **educational** to the **professional world**. The Ecosystem will also promote an easier transference of DfAM best practices both to VET and Adult Education institutions, due to its planned structure.

The **ShakeAM consortium** consists of 3 **Universities**: University of Lisbon, represented by Instituto Superior Técnico (IST), from Portugal, as Project Coordinator; University of Patras, represented by Laboratory for Manufacturing Systems & Automation (LMS), from Greece; BRUNEL University London (UBRUN), from the United Kingdom; 1 **Qualification and Certification body** in the field of AM – European Federation for Welding, Joining and Cutting (EWF), from Belgium; and 2 **Expert Companies on Design for AM**: MakeAmazing (MA), from Greece; and EIT Manufacturing Central, from Germany.

You can find more information on: [ShakeAM website](#) or contact: ewf@ewf.be