



TECHTEX PROJECT OBJECTIVES:

- **Modernize vocational education** in Morocco in Textile Engineering and Technology
- **Enhance skills development** for both trainers and students through innovative methods
- **Implement a train-the-trainer program** to scale the project results application

THE TECHTEX LEARNING METHODOLOGY

Through the use of MOOCs and the Flipped Classroom methodology, the TECHTEX initiative aims to modernize vocational education on Advanced Textiles in Morocco. This **hybrid method promotes critical thinking and practical application while providing flexible, self-paced learning**. Students interact with online resources prior to class and apply what they learned in through through hands-on projects developing skills directly applicable into the business, bridging the knowledge gap between academia and the rapidly changing technical textiles industry. A guide to the application of the methodology will fully integrate the training materials to support teacher in its effective implementation.

THE TECHTEX TRAINING PROGRAM

The training programme has a modular structure. This makes it flexible and adaptable to the different needs of the learners. The course is divided into 20 learning units. Each learning unit will consist of: Video lectures; Quizzes; Materials and useful resources.

The TECHTEX curriculum is divided into four key areas: **Sustainability, Emerging Technologies, Textile Performance and Market Trends**. Learners will explore eco-friendly materials, waste management and eco-design, as well as advances in textile finishing, spinning and manufacturing. Modules will also cover e-textiles, protective clothing and high performance fabrics with an emphasis on functionality. Finally, market analysis lessons examine industry trends, consumer behaviour and economic factors to ensure a well-rounded understanding of the evolving textile sector.

To find out more about the TECHTEX curriculum, read the following article published on Epale: [Tectex:new perspectives for skills development in the technical textile sector in Morocco](#)



THE TECHTEX TRAINING PROGRAM

On 4 and 5 February, the partners met in Casablanca, Morocco, to discuss the next steps of the project. The meeting was hosted by C2TM - The Cluster of Moroccan Technical Textiles - and was **an important step to agree on the procedures for developing the training modules and the platform for delivering the MOOC**.

The partners also had the opportunity to visit the factory of the SOFTTECH, an enterprise part of the C2TM cluster, where they explored their well organised textile manufacturing processes and the technical textiles produced, and the CTTH; The Textile and Clothing Technical Center, where special attention was given to a clean water system designed to recycle water used in textile processes.

