



MICROWEAVE-TEX

Sustainable solutions in the textile industry

Reducing the release of microplastics/synthetic fibres

MicroWeave-TEX is an Erasmus+ project, aiming to contribute on the **reduction of synthetic microfibre release along the textile chain**, from design to final disposal, by training educators and students.

The project aims for the creation of innovative **educational programmes** that will promote sustainability skills and sustainable practices in microplastic reduction among **trainers, students and industry workers** in the textile sector.

Goals:

- Creating our **Student's Hub**: An interactive programme combining theory, experimental practices and digital tools to help students reduce microplastics in textiles.
- Creating our **Educator's Hub**: A training programme designed to support higher education teachers in integrating sustainability and microplastics education into their curricula.



1st Transnational Project Meeting

The **1st Transnational meeting (TPM)** took place on **January 12th - 13th** in Valencia, Spain, and was hosted by the Universitat Politècnica de València (UPV). It marked an important milestone for the project, as it brought together partners from across Europe to officially launch this initiative's collaboration.

During the meeting, partners discussed the **progress and planning** of the project, with special attention being given to the development of the **educational materials**, the **multilingual dictionary** for microplastics and textiles, and the **digital learning tools** that will support the project's future training activities.

The meeting provided an excellent opportunity for partners to exchange ideas on how to tackle the growing environmental challenge of microplastic pollution in the textile industry.



1st Learning Teaching and Training Activity (LTta)

The **1st Learning, Teaching and Training Activity (LTta)** of the project took place on **June 22nd - 25th**, and was organized and **hosted by University of West Attica (UNIWA)** at its premises in Athens, Greece.

During the four days of the training, UPV helped participants explore the **methodology behind using and integrating “Escape Rooms” in education**, and learn how to design their own engaging learning experiences. Educators also received hands-on training using online educational tools, learning how to create interactive resources which will become later part of the project's **Students' Hub**.

In the end, participants were guided through **UNIWA's laboratories** and introduced on the equipment used to **identify and classify microplastics**. The training session concluded with some great opportunities for partners to discussing current challenges, and exchange knowledge on microplastic research.

MicroWeave-TEX Partners



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Lodz University of Technology



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