

LESLIE project



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101129032 - LESLIE - Land Management, Environment & Solid Waste: Inside Education and Business in Central Asia

Project Acronym: LESLIE

Project Type: Erasmus+ Capacity Building in Higher Education (CBHE)

Duration: 2024-2027 (36 months)

Coordinator: Universitat Politècnica de València (Spain)

Funding: European Union

Website: leslieproject-eu.com

Participating Countries: Spain, Italy, Cyprus, Kazakhstan, Uzbekistan

Project Summary

The Erasmus+ CBHE project **LESLIE** (Land management, Environment & SoLIId-WastE: inside education and business in Central Asia) aims to enhance academic capacity and innovation in **Sustainable Land Management (SLM)** across **Central Asian universities**, with a particular focus on **Kazakhstan** and **Uzbekistan**.

In response to environmental challenges such as **climate change, desertification, land degradation**, and increasing **solid waste**, LESLIE introduces modern educational tools and curricula in line with the **European Green Deal** and **digital transformation** goals.

Objectives

1. **Establish Sustainable Land Management Hubs** in Kazakhstan and Uzbekistan.
2. Design and implement **Micro-credentials** on Sustainable Land Management.
3. Create **digital educational tools** for BSc and MSc online SLM programs.
4. Develop a **centralized digital repository (Toolbox)** for all educational materials.
5. Launch a **Future Learning Incubator**, applying STEHEAM-based methods (Science, Technology, Engineering, Environment, Arts, and Mathematics) to teach SLM in an interdisciplinary way.

Partners from Uzbekistan

- Tashkent Institute of Irrigation and Agricultural Mechanization Engineers (TIAME NRU)
- Fergana Polytechnic Institute
- Bukhara Institute of Natural Resources Management (part of TIAME NRU)
- Bukhara State University
- International Agriculture University
- Ministry for Higher and Secondary Specialized Education of the Republic of Uzbekistan (MHSSER)

Role of TIAME NRU

TIAME NRU plays a central role in:

- Integrating **LESLIE micro-credentials** into national environmental and land management curricula.
- Hosting capacity-building workshops.
- Coordinating **digitization of teaching modules** within the Moodle/HEMIS systems.
- Contributing to the **Future Learning Incubator** by aligning SLM content with **industry and policy needs** in Uzbekistan.

Relevance to Uzbekistan

The project supports Uzbekistan's **Vision 2030** by:

- Training a new generation of environmental and land management specialists.
- Enhancing **blended and online learning** opportunities.
- Aligning academic content with **labor market and governmental priorities**.
- Promoting **green and circular economy principles**.

Contact at TIAME NRU

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