Project Description:

1. **Project Title:** Fostering Dual Green and Digital Transitions through Education and Innovation in the Neighbourhood East, Central Asia, and Asia (GreenTech Horizons)
2. **Programme:** Erasmus+ Capacity Building in the Field of Higher Education, Strand 2 (ERASMUS-EDU-2024-CBHE-STRAND-2)
3. **Financing Institution:** ERASMUS+
4. **Project Value:** 885,938.60 EUR
5. **Project Duration:** 01.11.2024 - 30.11.2027
6. **Role:** Partner (other partners: University of Novi Sad (UNS), Serbia – Project Coordinator, Riga Technical University (RTU), Latvia, Kaunas University of Technology (KTU), Lithuania, University of Split (UNIST), Croatia, University of Information Technology and Management in Rzeszów (UITM), Poland, European Academy (EA), Latvia, Azerbaijan Technical University (AzTU), Azerbaijan, Azerbaijan Technological University (ATU), Azerbaijan, Mingachevir State University (MSU), Azerbaijan, Non-Commercial Joint Stock Company Kazakh National Technical University (KazNU), Kazakhstan, International Engineering Technological University (METU), Kazakhstan, Almaty Technological University (ATUKZ), Kazakhstan, Mongolian University of Science and Technology (MUST), Mongolia, National University of Mongolia (NUM), Mongolia, Azerbaijan Scientific-Research and Design-Prospecting Power Engineering Institute (AzET), Azerbaijan, Verto Business Limited Liability Partnership (VERTO), Kazakhstan, Power Progress Group LLC (EPG), Mongolia)
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8. **Description of the Project:**

The GreenTech Horizons project establishes a multi-country partnership comprising universities and industry partners from Azerbaijan, Kazakhstan, Mongolia, and the European Union. The project aims to promote sustainable economic growth and job creation through a twin green and digital transition. By focusing on the specific contexts of Azerbaijan, Kazakhstan, and Mongolia, the project will develop and pilot an innovative competency-oriented learning ecosystem to equip future generations with the necessary skills for a green and digital workforce. This will involve the creation of a new curriculum model that aligns with green and digital transitions, as well as the development of an eLearning ecosystem for competency-based education.

The main objective is to support the green and digital transitions in the East, Central Asia, and Asia regions through the comprehensive development and uptake of green, digital, and business skills. These skills are essential for modernizing the workforce, ensuring sustainable growth, and driving innovation across these regions.

The GreenTech Horizons project will be implemented through six phases (Work Packages - WPs):

- WP1**:** Project Management and Coordination

- WP2**:** Design of a Competency-Oriented Learning Ecosystem
- WP3**:** Development of the Competency-Oriented Learning Ecosystem
- WP4**:** Pilot and Refine the Competency-Oriented Learning Ecosystem
- WP5: Quality Assurance, Monitoring, and Evaluation
- WP6: Dissemination and Exploitation

The project will develop a competency-oriented curriculum that focuses on the essential green, digital, and business skills needed for the workforce of the future. The curriculum will be tested and integrated into existing programs at eight HEIs in Azerbaijan, Kazakhstan, and Mongolia. The initiative will also create an eLearning ecosystem that includes e-courses and Massive Open Online Courses (MOOCs), all aligned with the competency-based curriculum.

Start Date: 01.11.2024

End Date: 30.10.2027

Financing: The project is financed by the Erasmus+ Programme, specifically under the Capacity Building in the Field of Higher Education, Strand 2 (ERASMUS-EDU-2024-CBHE-STRAND-2).

9. Website: GreenTech Horizons Project Website