



University : Uzbekistan State World Language University
Country : Uzbekistan
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2. Energy and Climate Change (EC)

2.16. Impact of Energy and Climate Change Programs in Supporting the Sustainable Development Goals (SDGs)

Uzbekistan State World Languages University (UzSWLU) demonstrates a strong and measurable commitment to advancing the United Nations 2030 Sustainable Development Goals (SDGs) through its Energy and Climate Change programs. The university's integrated approach — combining policy, technology, education, and community action — has been officially recognized in the Times Higher Education (THE) Impact Rankings 2025, where UzSWLU achieved high positions across several SDG categories. All climate and energy initiatives are strategically aligned with the national agenda and contribute to the implementation of the 'Year of Environmental Protection and the Green Economy – 2025', declared by the Government of Uzbekistan.

SDG 6 – Clean Water and Sanitation

THE Rank: 401–600 | Score: 43.5

UzSWLU contributes to SDG 6 through sustainable water management, infrastructure upgrades, and student-led ecological projects. The 'Protect Our Rivers' campaign rehabilitated over 7 km of riverbanks, removing 3.5 tons of waste, and improving local water quality. Smart water meters and leak detection systems were introduced across university facilities. Workshops on water-saving technologies and responsible water use are conducted annually. These actions directly promote clean water conservation and support national water-security strategies.

SDG 7 – Affordable and Clean Energy

THE Rank: 1001+ | Score: 24.8

UzSWLU has installed 1,584 kW of solar panels, producing clean electricity for classrooms and administrative buildings. The Solar Energy Dashboard provides real-time monitoring of generation and CO₂ reduction. ICT-based systems allow administrators to track and optimize energy performance. Annual Green Hackathons engage students in developing AI-based energy optimization tools and solar-powered innovations. These initiatives demonstrate a deep institutional commitment to the transition toward renewable energy sources.

SDG 11 – Sustainable Cities and Communities

THE Rank: 401–600 | Score: 44.5

Through the Green Campus Program, UzSWLU integrates sustainable urban planning principles into campus life. The university expanded eco-friendly parking zones, installed LED lighting, and increased green areas by more than 20%. Awareness-raising events like the Eco-Theatre Festival 'Voices for the Planet' and the Tree Planting & Urban Biodiversity Day engage thousands of students annually. These efforts contribute to safer, cleaner, and more livable campus and community spaces.

SDG 12 – Responsible Consumption and Production

THE Rank: 401–600 | Score: 48.1

UzSWLU operates an active 3R (Reduce, Reuse, Recycle) policy to minimize resource waste. Transition to digital documentation and e-learning reduced paper usage by 30%. The university conducts awareness campaigns on sustainable consumption and waste segregation. Recycled materials



are reused for student exhibitions and educational displays. This approach cultivates eco-conscious behavior and aligns with global responsible consumption standards.

SDG 13 – Climate Action

THE Rank: 601–800 | Score: 33.9

Climate action is central to UzSWLU's sustainability mission. In 2024, more than 8,500 participants joined national and international climate events — including the UzSWLU Green Manifesto Week, the National Climate Hackathon, and the Youth Climate Assembly. The University Climate Action Plan (2025–2030) defines measurable carbon-reduction and adaptation targets. Students and faculty are involved in ongoing research and outreach activities promoting climate literacy and resilience. These sustained efforts enhance institutional readiness to address global climate challenges.

SDG 15 – Life on Land

THE Rank: 301–400 | Score: 51.8

UzSWLU promotes biodiversity conservation and environmental ethics. The Gazelle Conservation Seminar (2025) raised awareness of endangered species protection. More than 250 trees and 1,000 flower seedlings were planted across campus and nearby communities. A GIS-based Campus Biodiversity Map tracks vegetation coverage and tree-planting zones. These projects directly support Uzbekistan's ecological stability and the preservation of native species.

SDG 17 – Partnerships for the Goals

THE Rank: 1501+ | Score: 30.9

UzSWLU actively strengthens its global partnerships to advance sustainability. The university collaborates with UNDP Uzbekistan, the Uzbekistan Ecological Party, and international institutions such as York University (Canada), RISEBA University (Latvia), and Osh State University (Kyrgyzstan). Joint projects and conferences promote knowledge exchange in renewable energy, ecological policy, and sustainability education. These partnerships expand UzSWLU's global footprint and promote cross-border cooperation in achieving the SDGs.

Overall Impact and Recognition

UzSWLU's Energy and Climate Change programs directly contribute to at least six core SDGs (6, 7, 11, 12, 13, 15, 17) and indirectly support several others through educational, technological, and policy initiatives.

- **Environmental Impact:** Increased renewable energy use, waste reduction, and biodiversity protection.
- **Educational Impact:** Integration of sustainability modules into curricula and language education.
- **Technological Impact:** ICT-based monitoring of solar energy, water, and carbon metrics.
- **Global Impact:** Recognition in the **Times Higher Education Impact Rankings 2025** for advancing sustainability goals across multiple indicators.

Moreover, in the **UI GreenMetric World University Rankings 2024**, Uzbekistan State World Languages University achieved **Rank #498 globally**, proudly entering the **Top 500 sustainable universities worldwide**.

This milestone reflects the university's continuous progress in energy efficiency, green campus management, and climate action.



Through these integrated, technology-driven, and community-oriented initiatives, **UzSWLU reaffirms its leadership among Central Asian universities** in promoting sustainable development, ecological awareness, and green innovation.



Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):

- <https://t.me/UzSWLU/36283>
- <https://www.timeshighereducation.com/world-university-rankings/uzbekistan-state-university-world-languages>
- <https://www.uzswlu.uz/en>
- https://www.instagram.com/uzswlu_official
- <https://www.facebook.com/uzswlu.uz>
- <https://www.youtube.com/c/Ozbekistondavlatjahontillariuniversiteti>
- <https://t.me/UzSWLU>