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SDG 13
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UZBEKISTAN STATE WORLD
LANGUAGES UNIVERSITY

SDG 13: Climate Action — Progress Report

Uzbekistan State World Languages University (UzSWLU) contributes to SDG 13 by reducing and measuring its own emissions, by preparing for climate-related disasters with the state emergency services, and by educating students, schools and the wider community about climate change. This report summarizes UzSWLU's progress against SDG 13 in reporting year 2025.

Highlights of 2025

1,818,133
kWh of solar electricity generated on campus in 2025

41.7%
share of on-site electricity use met by campus solar

7,910.25
tCO2e in the 2025 greenhouse gas inventory (Scopes 1–3)

2050
net-zero target, committed in 2022

Commitment and planning

In 2022 UzSWLU committed to reach net-zero emissions by 2050, using 2022 as its baseline year. The commitment is implemented through the Energy Management and Climate Action Plan 2022–2030 (EMCAP), which is published on the University website. On 20 June 2024 the Academic Council approved the Green Campus Development and Carbon Reduction Strategy, under which priority lighting retrofits were carried out and a Green Campus Coordinator reports to the Council each year. About 98% of indoor lighting now uses smart LED technology, and more than 310 motion-activated sensors have been installed.

Measuring emissions and clean energy

The University's 1,340 kW solar plant, with 2,423 panels and two hours of battery storage, is metered together with purchased grid electricity. In 2025 it generated an annualized 1,818,133 kWh, of which 953,600 kWh was used on site and 864,533 kWh was exported to the city grid, covering 41.7% of the electricity used on campus. The annual greenhouse gas inventory, using the UNFCCC grid emission factor for Uzbekistan, recorded 7,910.25 tCO2e across Scopes 1, 2 and 3 in 2025, including 675.34 tCO2e from purchased electricity.

Preparing for disasters with government

The University's Department of Civil and Labor Protection plans and trains with the Ministry of Emergency Situations. In 2025 it held a joint evacuation and first-aid exercise with the Tashkent City and Uchtepa district emergency services (21 February), a civil protection demonstration with the Ministry's Academy (11 April), a preparedness session on earthquakes and fires for 70 students and staff (7 May) and an emergency exercise in a student dormitory (10 September). With the Uchtepa district emergency department, tutors visited students in rented homes to bring the Ministry's warnings on gas and carbon monoxide risks to them. During the COVID-19 pandemic, University dormitories served as quarantine zones in the national emergency response.





Joint exercise with the emergency services, February 2025 (left); joint visit to students in rented homes, October 2025 (right)

Climate education in the community

UzSWLU teachers and students led an English club on climate change at School No. 299 in Shaykhantahur district, and students hold monthly environmental campaigns in Guzar mahalla under the national Concept for Raising the Ecological Culture of the Population until 2030. The University hosted international conferences on Modern Environmental Policy and on Global Environmental Problems, Desertification and Food Security, and its ecologists took part in the first Samarkand International Climate Forum. At the Silk Road Universities Network Assembly the UzSWLU delegation met Dr. Adam Fenech, a member of the IPCC team awarded the 2007 Nobel Peace Prize.

Working with civil society

In 2025 UzSWLU signed a memorandum of cooperation with the Ecological Movement of Uzbekistan and held a dialogue with its Chairman, Academician Boriy Alikhanov, on air protection. Students took part in the EKONUR eco-volunteers' Eco Marathon, and University ecologists contributed proposals on the use of rainwater to a public discussion club.




Climate change English club at School No. 299, December 2025 (left); dialogue with the Ecological Movement of Uzbekistan, November 2025 (right)

Further information

- • UzSWLU Commitment to Net-Zero Emissions by 2050:
- • Energy Management and Climate Action Plan (EMCAP):
- • Institutional GHG Emissions Inventory 2025:
- • Joint exercise with the emergency services:

- • English club on climate change at School No. 299:

