AZERBAIJAN TECHNICAL UNIVERSITY

SDG REPORT 2026

Sustainability Office

SDG 13 CLIMATE ACTION

AT A GLANCE

Less energy, clear targets, climate skills

SDG 13 calls for urgent action on climate change and its impacts. Over the past year AzTU reported lower energy use and emissions, trained students in wind energy, ran rainwater, recycling and civil-defence initiatives, and kept a net-zero target in policy.

Reporting period November 2025 – October 2026

UN targets addressed: 13.1 · 13.2 · 13.3

5,720

MWh of energy used in 2025, 12% less than in 2024

Evidence E2

23%

renewable share of energy use in 2025

Evidence E1

730 t

CO_2 emitted in 2025, down from 960 t in 2023

Evidence E1

2050

net-zero target in the Zero-Emission Policy

Evidence E4

POLICY AND COMMITMENT

Commitments set out in published policy

Zero-Emission Policy

2025

Net-zero carbon emissions by 2050, half of the vehicle fleet electric or hybrid by 2030, and 100% renewable electricity as a long-term goal.

Evidence E4

Climate Action Policy, 6.4

v4.0 · 2026

Climate resilience, including heat stress and extreme weather, built into construction, renovation and maintenance decisions.

Evidence E5

Climate Action Policy, 6.6 and 8

v4.0 · 2026

Climate topics in curricula and research; key outcomes shared with public authorities and sustainability networks.

Evidence E5

Energy Efficiency and Clean Energy Policy, 5.3–5.4

v3.0 · 2026

Equipment chosen on energy performance and lifecycle cost; on-site generation and clean electricity where feasible.

Evidence E6

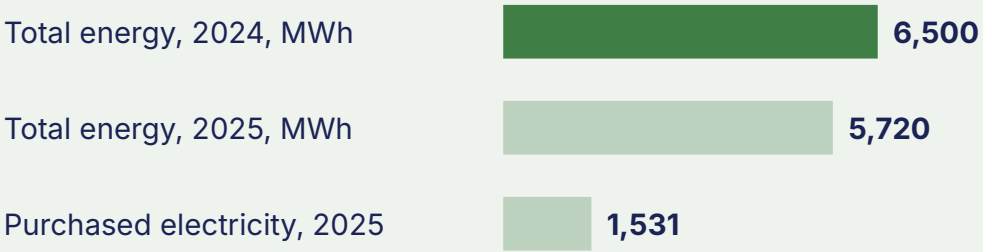
KEY INDICATORS

Energy and climate action in numbers

Energy for calendar year 2025; activities November 2025 – October 2026 from published news

Campus energy use

5,720 MWh used in 2025 (20,592 GJ)



Purchased electricity is part of the total. Records: electricity meters, utility invoices, gas and heating records.

Climate actions and events

8 documented actions and events

- Wind-energy training and an ABB Smart Energy Grid pilot agreed
- Rainwater reuse, campus recycling and cigarette-waste recycling
- Civil-defence session for staff and World Civil Defence Day seminar
- “Climate Change and ISO Standards” book and green energy event

Counted from published news.

Also: 835th in UI GreenMetric 2025, with progress in Energy and Climate Change

Evidence: E2, E3, E17, E16, E14, E15, E18, E12, E13, E8, E10, E9

KEY INDICATORS, 2023–2025

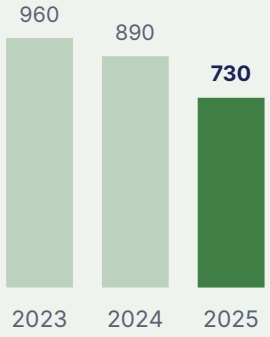
Lower emissions, more climate learning

As reported in the SDG 13 Report 2025 (rev2). The report gives AzTU internal records as the source.

CO_2 emissions, tonnes

730

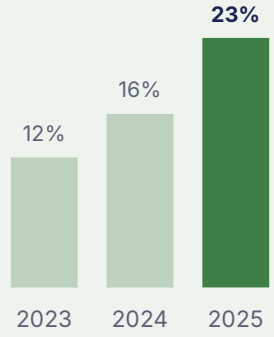
-24% since 2023



Renewable share of energy use

23%

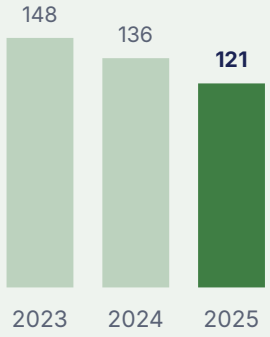
+11 pp since 2023



Energy intensity, kWh per m^2

121

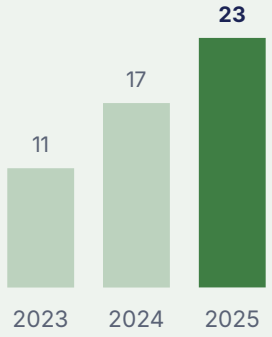
-18% since 2023



Climate and sustainability workshops

23

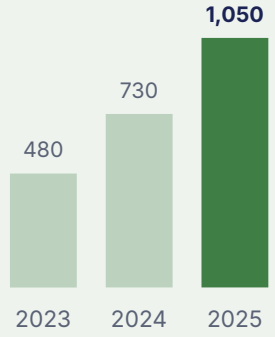
+109% since 2023



Green Mission participants

1,050

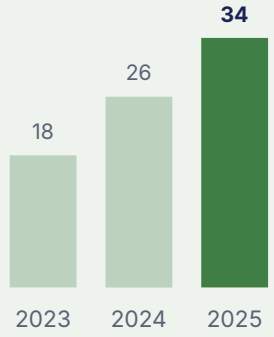
+119% since 2023



Climate and energy research projects

34

+89% since 2023



rev2 also names carbon neutrality by 2035; the Zero-Emission Policy sets net zero by 2050. The target year will be aligned.

Evidence: E1



THE IMPACT METRIC

13.2

Low-carbon energy use

How AzTU measures and reduces its energy use and builds skills for a low-carbon energy system.

IN THIS SECTION

Energy records · Renewables · Training · Partners

13.2 · LOW-CARBON ENERGY

Measuring and cutting campus energy

The Technical Operations Division tracks energy from electricity meters, utility invoices and gas and heating records. Total use fell from 6,500 MWh in 2024 to 5,720 MWh in 2025.

−12%

energy use, 2025 against 2024

Energy intensity fell from 148 to 121 kWh per m² between 2023 and 2025.

TARGETS IN POLICY

- Half of the vehicle fleet electric or hybrid by 2030
- Net-zero carbon emissions by 2050

Renewables

rev2 reports a 23% renewable share and 210 kW of rooftop solar. The share is not yet backed by source-level metering.

Evidence: E2, E3, E1, E4

13.2 · LOW-CARBON ENERGY

Skills and partners for clean energy

1 April 2026 · Wind-energy training

Students studied the role of wind power in energy security, grid integration and smart control, and the emissions from fossil fuels it replaces.

18 December 2025 · Green energy event

Baku Shipyard (AZCON), Clean City and Bilimsenol Azerbaijan spoke on EV charging, industrial solar and environmental technology. In March 2026 ABB agreed a pilot Smart Energy Grid at AzTU.



Green energy event, December 2025

Evidence: E17, E10, E16



THE IMPACT METRIC

13.3

Environmental education measures

How AzTU builds climate awareness and preparedness among students, staff and partners.

IN THIS SECTION

Campus initiatives · Preparedness · Public dialogue · Partners

13.3 · ENVIRONMENTAL EDUCATION

Climate action students and staff can see

Rainwater reuse
9 March 2026

Awareness of collecting rainwater and using it as an alternative water source.

Evidence E14

Campus recycling
10 March 2026

Paper, plastic and other campus waste separated and sent for recycling.

Evidence E15

Cigarette waste
8 April 2026

Butts collected from the environment, sorted and recycled.

Evidence E18

Climate Change and ISO Standards
14 November 2025

Quality Association book on standards for climate action presented at AzTU.

Evidence E8

Energy-efficiency exchange
30 December 2025

Green-energy staff met Tashkent State Technical University and the Physical-Technical Institute.

Evidence E11

Green Economy Forum
24 April 2026

The Rector spoke on universities' role in the green transition.

Evidence E19

13.3 · ENVIRONMENTAL EDUCATION

Preparedness and sharing the plan

Civil defence 20 February 2026	Staff session on managing emergency response and protecting people during natural disasters.
Environmental risk 2 March 2026	World Civil Defence Day seminar on risk assessment, early warning and preparedness.
Climate Action Plan 2025	Published on the SDG website; rev2 reports that it was shared with local government and community groups.
Public authorities Policy 8	Key climate outcomes are to be shared with public authorities and sustainability networks.



World Civil Defence Day seminar, March 2026

Evidence: E12, E13, E7, E1, E5

LINKS TO OTHER SDGS

Climate action that serves the other Goals

6 Clean Water and Sanitation

Rainwater reuse as an alternative water source.

7 Affordable and Clean Energy

Energy use down 12%; 23% renewable share in 2025.

9 Industry, Innovation and Infrastructure

Smart Energy Grid pilot agreed with ABB.

11 Sustainable Cities and Communities

Fleet electrification and civil-defence preparedness.

12 Responsible Consumption and Production

Campus and cigarette-waste recycling.

17 Partnerships for the Goals

Exchange with Uzbek energy institutes and Finnish universities.

PRIORITIES FOR 2027

From targets to a verified carbon account

01

Fill the policy placeholders

Set the baseline year and Scope 1–3 targets in the Climate Action Policy.

02

Align the target year

One net-zero or carbon-neutral year across all documents.

03

Meter the renewable share

Source-level data for solar output and clean electricity purchases.

04

Publish a GHG inventory

Annual Scope 1–3 emissions by GHG Protocol, after 2023.

05

Plan with local authorities

A documented joint plan for climate risks and early warning.

EVIDENCE

Sources behind this report

Code	Evidence	Date
E1	SDG 13 Report 2025 (rev2)	Oct 2026
E2	SDG 7 Report 2025 (rev2): energy totals	Oct 2026
E3	Purchased electricity from AzTU energy records (report draft)	2025
E4	Zero-Emission Policy	2025
E5	Climate Action Policy v4.0	2026
E6	Energy Efficiency and Clean Energy Policy v3.0	2026
E7	Climate Action Plan (updated)	2025
E8	Book presentation “Climate Change and ISO Standards”	14 Nov 2025
E9	AzTU rises to 835th in UI GreenMetric 2025	15 Dec 2025
E10	Event “Green Energy and Environmental Innovations”	18 Dec 2025

Code	Evidence	Date
E11	Energy-efficiency staff visit Uzbekistan	30 Dec 2025
E12	Civil defence awareness event for staff	20 Feb 2026
E13	Seminar on World Civil Defence Day	2 Mar 2026
E14	Rainwater reuse initiative	9 Mar 2026
E15	Waste recycling initiative on campus	10 Mar 2026
E16	Smart Energy Grid pilot agreed with ABB	26 Mar 2026
E17	Training in wind energy	1 Apr 2026
E18	Cigarette waste collected and recycled	8 Apr 2026
E19	Rector at the 1st International Green Economy Forum	24 Apr 2026

Every title links to its public source on aztu.edu.az.

Azerbaijan Technical University

Sustainability Office

REPORT	SDG Report 2026
GOAL	SDG 13 · Climate Action
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