

AZERBAIJAN TECHNICAL UNIVERSITY

SDG REPORT 2026

Sustainability Office

SDG 7
AFFORDABLE AND CLEAN ENERGY

AT A GLANCE

Cleaner energy on campus and with industry

SDG 7 calls for affordable, reliable and modern energy for all. Over the past year AzTU worked with the power sector on skills and research, hosted an international energy conference, trained students in renewables and kept upgrading its campus energy systems.

Reporting period November 2025 – October 2026

UN targets addressed: 7.2 · 7.3 · 7.a

125

scientific papers submitted from 19 countries, with 85 accepted at the energy conference

Evidence E16

436th

place in UI GreenMetric 2026, improving from 835th place in 2025

Evidence E17

20

weeks of student internships agreed with Azerenerji

Evidence E10

POLICY AND COMMITMENT

Commitments set out in published policy

Energy Efficiency and Clean Energy Policy, 5.2

v3.0 · 2026

Energy controls and monitoring are prioritised in the highest-use areas: buildings and HVAC, laboratories and workshops, ICT infrastructure, lighting and transport.

Evidence E2

Energy Efficiency and Clean Energy Policy, 5.3-5.4

v3.0 · 2026

Equipment is selected on documented energy performance and lifecycle cost. On-site generation and clean electricity procurement are adopted where feasible.

Evidence E2

Environmental Policy, 5.1-5.2

v4.0 · 2026

Energy efficiency and emission reduction across operations and facilities, and adoption of renewable energy on campus.

Evidence E3

Sustainable Investment Policy, 5.3

v4.0 · 2026

Investments may avoid or limit exposure to activities with material sustainability risks. The policy contains no formal fossil-fuel divestment commitment.

Evidence E4

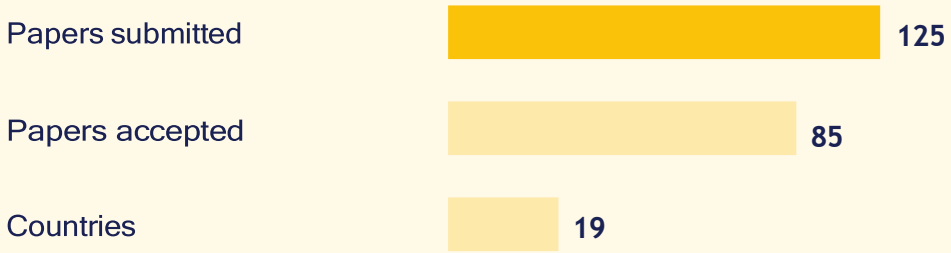
KEY INDICATORS

Energy expertise and ranking progress in numbers

November 2025 – October 2026, counted from published news

The 14th Global Conference on Global Warming (GCGW-2026), September 2026

125 scientific papers submitted



Held on September 2-4, 2026, in Baku, Azerbaijan. All submitted papers underwent a scientific review and evaluation process.

UI GreenMetric World University Rankings

436th place in 2026, up from 835th in 2025



Progress was reported in Energy and Climate Change, Waste, Water, Transportation, and Education and Research.

Also: 20-week internships agreed with Azerenerji · pilot Smart Energy Grid agreed with ABB, March 2026

Evidence: E7, E10, E12, E16, E17



THE IMPACT METRIC

7.3

University measures towards clean energy

How AzTU manages energy on campus: efficient buildings, renewable generation and responsible investment.

IN THIS SECTION

Energy policy · Building upgrades · Solar power · Targets

SDG 7

THE IMPACT METRIC

7.4

Energy and the community

How AzTU shares energy expertise with industry, other universities and students.

IN THIS SECTION

Power sector · Research cluster · International partners · Students and start-ups

7.4 · ENERGY AND THE COMMUNITY

Training the engineers the power system needs

6 January 2026 · Azerenerji OJSC

AzTU and Azerenerji agreed to align curricula with industry needs in SCADA, wide-area monitoring, energy storage and digital platforms. Master's dissertations will address real operational problems, and the partners agreed on joint research projects and regular meetings.



20
weeks of student internships

AzTU and Azerenerji meeting, January 2026

Evidence: E10

7.4 · ENERGY AND THE COMMUNITY

A joint research cluster for electric power

6 December 2025 · Mingachevir

At the III International Conference on Sustainable Development Strategy, AzTU and Mingachevir State University signed a memorandum to set up and share an Electric Power Research Cluster.

13 February 2026 · Workshop in Mingachevir

Balancing electricity supply and demand, optimising generation and transmission, and integrating renewable and conventional sources.



Memorandum signing, 6 December 2025

Evidence: E6, E11

7.4 · ENERGY AND THE COMMUNITY

Clean-energy cooperation beyond Azerbaijan

Germany
December 2025
Mechanical Engineering and Energy conference co-organised with BTU Cottbus-Senftenberg and the NESEFF energy network

Türkiye
December 2025
Gazi University co-organised the same conference: 100 papers submitted

Uzbekistan
December 2025
Energy-efficiency department visited Tashkent State Technical University and the Physical-Technical Institute

Finland
March 2026
Talks with the universities of Vaasa and Tampere; ABB agreed a pilot Smart Energy Grid at AzTU



13
countries at the energy conference

Energy conference at AzTU, December 2025

Evidence: E5, E9, E12

7.4 · ENERGY AND THE COMMUNITY

Students, start-ups and the green energy sector

Green Energy and Environmental Innovations

18 December 2025

Students met companies working on EV charging, industrial solar and environmental technologies, including Baku Shipyard and Clean City.

Evidence E8

Wind energy training

1 April 2026

Theoretical and practical training on wind power, grid integration and energy security.

Evidence E13

Incubation Center programme

December 2025

New programme for selected start-up teams: business models, product development and investor pitching.

Evidence E14

Student Scientific Society, Faculty of Energy

December 2025

Information session on how students can join research in the energy field.

Evidence E15

LINKS TO OTHER SDGS

Clean energy work that serves the other Goals

4 Quality Education

Wind energy training; Faculty of Energy curricula aligned with Azerenerji.

9 Industry, Innovation and Infrastructure

Electric Power Research Cluster with Mingachevir State University.

11 Sustainable Cities and Communities

GreenMetric gains in transportation and campus infrastructure.

12 Responsible Consumption and Production

Energy procurement based on lifecycle performance (policy 5.3).

13 Climate Action

Emission cuts from LED lighting and solar; 50% reduction target by 2030.

17 Partnerships for the Goals

Partners: Azerenerji, ABB, BTU Cottbus-Senftenberg, Gazi University, NESEFF.

PRIORITIES FOR 2027

From reported savings to verified results

01

Publish metered energy data

Annual consumption by source and building, with a stated baseline.

02

Reconcile the renewable share

One figure across the SDG 7 and SDG 13 reports, backed by metering records.

03

Open energy training to the public

A recurring energy-efficiency programme for local residents and small firms.

04

Decide on fossil-fuel exclusions

State whether the investment policy excludes carbon-intensive industries.

EVIDENCE

Sources behind this report

Code	Evidence	Date
E1	SDG 7 Report 2025 (rev2)	Oct 2026
E2	Energy Efficiency and Clean Energy Policy v3.0	2026
E3	Environmental Policy v4.0	2026
E4	Sustainable Investment Policy v4.0	2026
E5	Conference "Mechanical Engineering and Energy: New Concepts and Technologies"	4 Dec 2025
E6	Electric Power Research Cluster memorandum with MSU	6 Dec 2025
E7	AzTU rises to 835th in UI GreenMetric 2025	15 Dec 2025
E8	Green Energy and Environmental Innovations	18 Dec 2025

Code	Evidence	Date
E9	AzTU staff visit Uzbekistan	30 Dec 2025
E10	AzTU representatives visit Azerenerji	6 Jan 2026
E11	Workshop on balancing electricity supply and demand	13 Feb 2026
E12	Cooperation with universities in Finland and ABB	26 Mar 2026
E13	Theoretical and practical training on wind energy	1 Apr 2026
E14	New Incubation Center programme	4 Dec 2025
E15	Student Scientific Society session, Faculty of Energy	2 Dec 2025
E16	AzTU Hosts the 14th Global Conference on Global Warming	2 Sep 2026
E17	https://uigreenmetric.com/university/aztu.edu.az	

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

Azerbaijan Technical University

Sustainability Office

REPORT	SDG Report 2026
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