

AZERBAIJAN TECHNICAL UNIVERSITY

SDG REPORT 2026

Sustainability Office

SDG 14
LIFE BELOW WATER

AT A GLANCE

Studying the water, cutting what reaches it

SDG 14 calls for the conservation and sustainable use of seas and water resources. Over the past year AzTU students sampled water on the Caspian coast and at Boyukshor Lake, the university opened a water-treatment laboratory and tightened its rules on plastics and laboratory chemical waste.

Reporting period November 2025 – October 2026

UN targets addressed: 14.1 · 14.2 · 14.a

2

field studies of water quality: Caspian coast and Boyukshor Lake

Evidence E8, E7

1,050

students in green and anti-pollution activities in 2025

Evidence E1

5

projects on biodegradable plastics and marine safety in 2025

Evidence E1

30%

less freshwater use targeted by 2030 in the water policy

Evidence E3

POLICY AND COMMITMENT

Commitments set out in published policy

Waste Management and Recycling Policy, 5.1

v2.0 · 2026

Plastic and unnecessary disposables, from cups to event materials, are minimised and reusable options come first. The rules also bind contractors.

Evidence E2

Waste Management and Recycling Policy, 5.5

v2.0 · 2026

Hazardous waste is never discharged to soil, drains or water bodies and goes only to authorised contractors, with records.

Evidence E2

Water Recycling Program Implementation Policy

2025

By 2030: at least 30% less freshwater use and half of irrigation from recycled water. Water quality monitored to national standards.

Evidence E3

Environmental Policy, 5.4

v4.0 · 2026

Efficient fixtures, low-flow irrigation and rainwater harvesting; water use monitored and leaks prevented.

Evidence E4

KEY INDICATORS

Water protection in numbers

Activities November 2025 – October 2026 from published news; targets from the 2025 water policy

Water and waste actions, February – September 2026

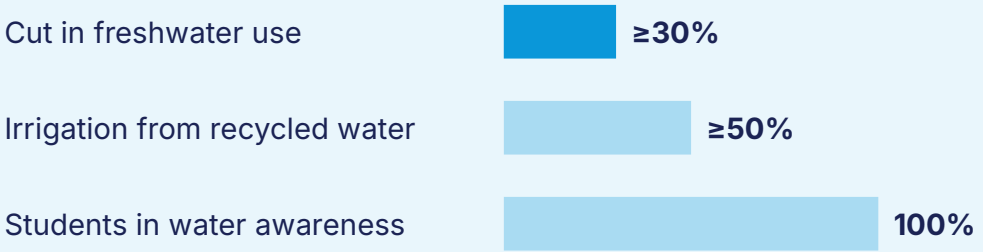
6 documented actions

- Water sampling on the Caspian coast and at Boyukshor Lake
- Water Treatment and Management Laboratory opened with Aqualink
- Laboratory chemical waste sorted and sent for processing
- Cigarette butts recycled; staff seminar on protecting water resources

Counted from published news; participant numbers were not reported.

Targets for 2030 in the water policy

50% of irrigation water to come from recycled sources



Targets set in 2025; progress has not yet been reported.

Also: the waste policy extends plastic-reduction rules to catering, cleaning and other contractors

Evidence: E8, E7, E5, E9, E10, E11, E3

KEY INDICATORS, 2023–2025

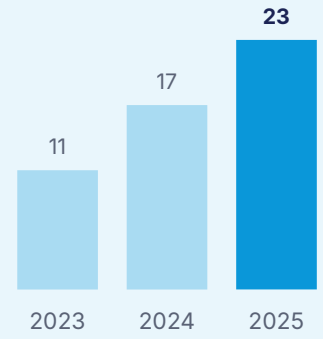
More students in anti-pollution work

As reported in the SDG 14 Report 2025 (rev2). The report gives AzTU internal records as the source.

Workshops including marine and pollution topics

23

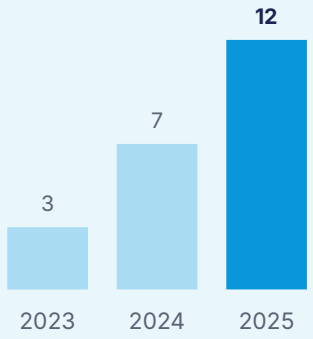
+109% since 2023



Green Mission outreach events

12

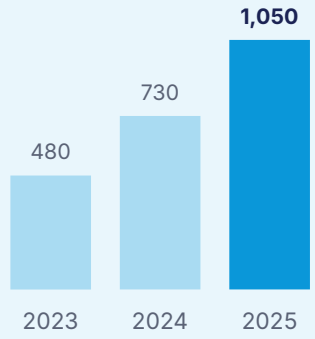
+300% since 2023



Students in green and anti-pollution activities

1,050

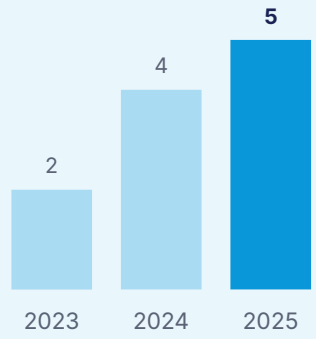
+119% since 2023



Projects on biodegradable plastics and marine safety

5

+150% since 2023



The workshop and student series match the SDG 13 report, which counts the same activities.

Evidence: E1



THE IMPACT METRIC

14.2

Aquatic ecosystems through education

How AzTU builds knowledge of water ecosystems through field research, laboratories and seminars.

IN THIS SECTION

Field research · Laboratory · Seminars · Maritime skills

14.2 · EDUCATION

Sampling the Caspian coast

15 March 2026 · Caspian Sea

Students and staff of the Department of Chemical Technology, Recycling and Ecology took water samples at several points. Laboratory analysis assessed water quality, pollution levels and the health of the coastal ecosystem.

10 March 2026 · Boyukshor Lake

Samples at an Azersu project site, with briefings from the companies on site measures.



Field research on the Caspian coast, March 2026

Evidence: E8, E7

14.2 · EDUCATION

Learning to protect water

Water Treatment and Management Laboratory

25 February 2026

Opened with Aqualink LLC for research on water treatment and pollution reduction.

Evidence E5

Protection of Water Resources

7 September 2026

Department seminar on water use, waste reduction and water projects.

Evidence E11

Rainwater reuse

9 March 2026

Awareness of rainwater as an alternative water source.

Evidence E6

Maritime industry skills

20 October 2026

Eight students completed Baku Shipyard internships; three were hired part-time.

Evidence E12



THE IMPACT METRIC

14.4

Water-sensitive waste disposal

How AzTU keeps laboratory chemicals, plastics and other waste out of rivers, lakes and the sea.

IN THIS SECTION

Lab chemicals · Plastics · Recycling · Water reuse

14.4 · WASTE DISPOSAL

Keeping lab chemicals and plastics out of water

Laboratory chemical waste is collected by class and sent to suitable facilities for processing. Every laboratory employee is instructed on sorting and storage, and seminars cover aquatic ecosystems.

8 April 2026 · Cigarette waste

Butts collected from the environment were sorted and recycled instead of being left to break down.

2030

target year for 30% less freshwater use

The 2025 water policy also aims for half of irrigation water from recycled sources.

WASTE POLICY v2.0

- Hazardous waste never discharged to drains or water bodies
- Plastic and disposable items minimised, including by contractors

Evidence: E9, E10, E3, E2

LINKS TO OTHER SDGS

Water protection that serves the other Goals

4 Quality Education

Field research and a new laboratory for engineering students.

6 Clean Water and Sanitation

Water Treatment and Management Laboratory and recycling targets.

8 Decent Work and Economic Growth

Shipyard internships lead to jobs in the maritime industry.

12 Responsible Consumption and Production

Plastic-reduction rules for AzTU and its contractors.

13 Climate Action

Rainwater reuse and cigarette-waste recycling.

15 Life on Land

Lake sampling links land and freshwater ecosystems.

PRIORITIES FOR 2027

From field visits to measured protection

01

Publish sampling results

Water-quality data from the Caspian and Boyukshor studies.

02

Repeat the sampling

A yearly monitoring schedule at the same points.

03

Write a plastics plan

Milestones and owners for cutting single-use plastics.

04

Report lab waste volumes

Hazardous waste quantities and treatment each year.

05

Track water targets

Annual freshwater use and recycled irrigation share.

EVIDENCE

Sources behind this report

Code	Evidence	Date
E1	SDG 14 Report 2025 (rev2)	Oct 2026
E2	Waste Management and Recycling Policy v2.0	2026
E3	Water Recycling Program Implementation Policy	2025
E4	Environmental Policy v4.0	2026
E5	Water Treatment and Management Laboratory opened	25 Feb 2026
E6	Rainwater reuse initiative	9 Mar 2026
E7	Field research around Boyukshor Lake	10 Mar 2026
E8	Field research in the Caspian Sea	15 Mar 2026
E9	Laboratory chemical waste sorted to protect water bodies	8 Apr 2026
E10	Cigarette waste collected and recycled	8 Apr 2026
E11	Seminar “Protection of Water Resources”	7 Sep 2026
E12	AzTU students hired at Baku Shipyard	20 Oct 2026

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

Azerbaijan Technical University

Sustainability Office

REPORT	SDG Report 2026
GOAL	SDG 14 · Life Below Water
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