NAVOI STATE UNIVERSITY
Navoiy Davlat Universiteti

TIMES HIGHER EDUCATION IMPACT RANKINGS

ANNUAL PROGRESS REPORT ON THE GOALS AND TARGETS WE COMMITTED 2025–2026

Sustainable development goal progress





timeshighereducation.com | ndu.uz

SDG 6: Clean Water and Sanitation



Main objective of SDG 6: *To make sure that every person, regardless of gender, location, or social background, has access to safe water and sanitation. This goal covers drinking water, hygiene, water quality, efficient use of water, and the protection of water-related ecosystems, so that water is managed sustainably for everyone.* As the UN states it: "Ensure availability and sustainable management of water and sanitation for all."

NSU contributes through water monitoring, reuse, efficient buildings, education and cooperation.

KEY TARGETS OF SDG 6:

6.2.1 Measure the total volume of water used, whether from mains supply, desalinated, or extracted from rivers, lakes or aquifers.
6.3.1 Treat wastewater through an established process.

6.3.2 Prevent polluted water from entering the water system, including pollution from accidents and incidents.
6.3.3 Provide free drinking water (e.g. drinking fountains) for students, staff and visitors.

6.3.4 Apply building standards that minimise water use.
6.3.5 Plant landscapes that minimise water usage, e.g. drought-tolerant plants.

6.4.1 Maintain a policy to maximise water reuse across the university.
6.4.2 Measure water reuse across the university.

6.5.1 Provide local communities with education on good water management.
6.5.3 Support water conservation off campus

6.5.4 Use sustainable water extraction technologies on university grounds, on and off campus.
6.5.5 Cooperate with local, regional, national and global governments on water security.

6.5.6 Actively promote conscious water use on campus.

6.5.7 Actively promote conscious water use in the wider community.

Our water performance at a glance

45,000 m³

Total annual water consumption, metered across campus

58.9%

Share of treated or recycled water (26,500 m³)

80–86%

Water-efficient toilets, taps, showerheads and urinals

31%

Campus area dedicated to rainwater absorption (87,234 m²)

2,000+

Students and staff in water conservation activities every year

2 MoUs

Water partnerships: desert forestry research and Tashkent State Agrarian University

Measuring total water use

Does your university as a body measure the total volume of water used that is taken from mains supply, desalinated, or extracted from rivers, lakes, or aquifers?

45,000 m³

Total water used per year

18,500 m³

Fresh potable water from the municipal mains (41.1%)

26,500 m³

Treated or recycled water for irrigation, flushing and cleaning (58.9%)

1. Meters on the university's supply lines record consumption across campus
2. A dedicated Water Audit Team checks for leaks and overuse
3. Smart metering gives real-time data for dormitories and laboratories





Treating wastewater on campus

Does your university as a body have a process in place to treat waste water?

Treatment pumps and filtration units purify wastewater from laboratories, dormitories and other facilities so it can be reused.

1. Treated water is reused for irrigation, cleaning and technical purposes
2. Rooftop and pavement runoff flows to reservoirs and an automatic purification system
3. Cleaned rainwater supplies gardens, green areas and toilet flushing







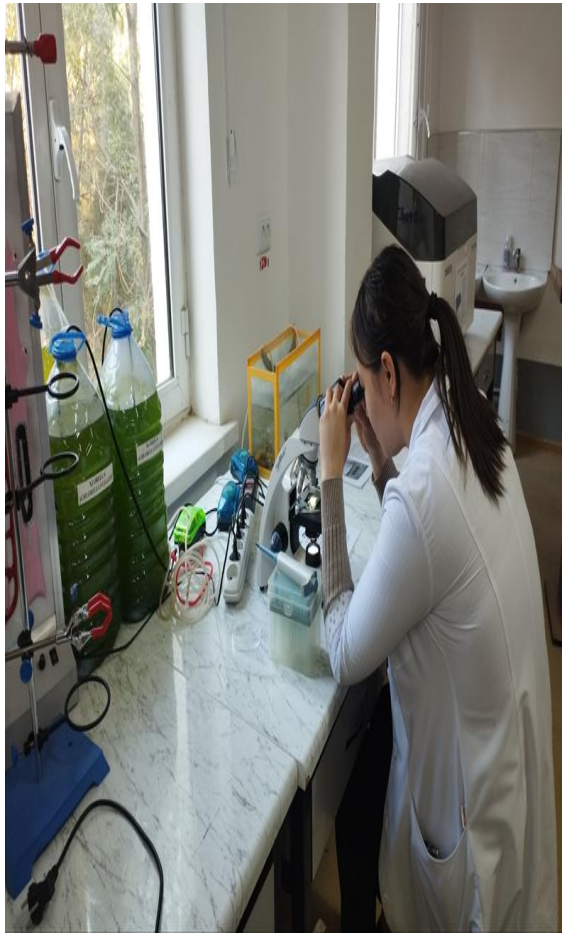
Preventing water pollution

Does your university as a body have processes to prevent polluted water entering the water system, including pollution caused by accidents and incidents?

"Zero Contamination" policy: no toxic reagents or heavy metals in sinks. Grease traps, lab neutralization units and sedimentation tanks pre-treat wastewater.

Parameter	Frequency	Location	Responsible
pH and alkalinity	Monthly	Campus reservoirs	Faculty of Natural Sciences
COD	Quarterly	Wastewater output	Water Audit Team
BOD	Quarterly	Recycled water line	Environmental Lab
Suspended solids	Monthly	Filtration units	Technical Maintenance
Oil and grease traps	Weekly	Campus canteens	Hygiene and Safety Dept
Lab chemical waste	Daily	Science laboratories	Lab technicians

Oversight: University Green Committee and Rectorate





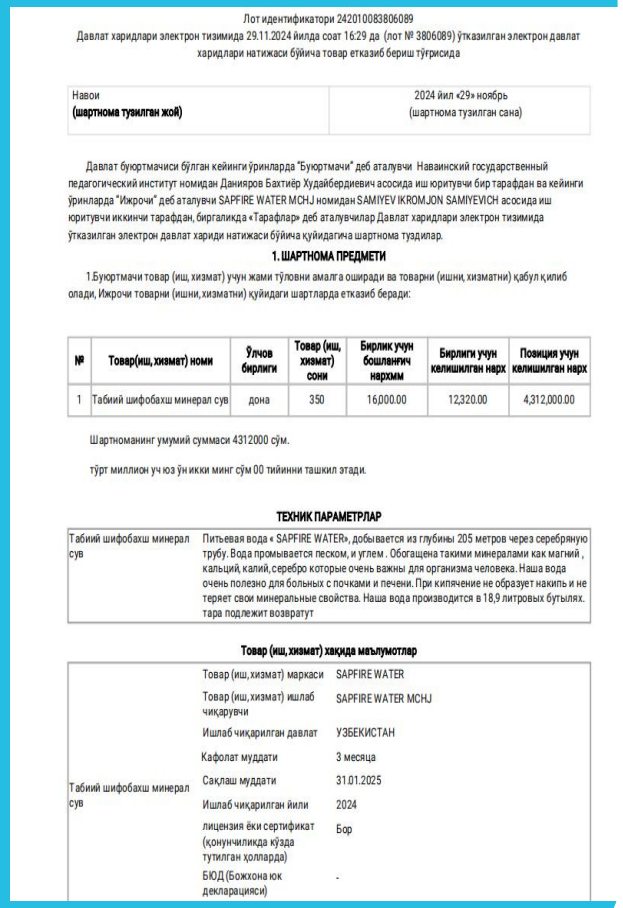
Free drinking water for everyone

Free drinking water on campus

NSU gives students, staff and visitors free access to clean, safe drinking water.

1. Water dispensers stand in commonly used facilities across campus
2. A service agreement with ‘Sapfire Water MCHJ’ ensures regular supply and maintenance
3. Refillable bottles reduce bottled water and single-use plastic waste





Лот идентификатори 2420100838060 89
Давлат харидлари электрон тизимида 29.11.2024 йилда соат 16:29 да (лот № 3806089) ўтказилган электрон давлат харидлари натижаси бўйича товар етказиб бериш тўғрисида

Навои (шартнома тузилган жой)	2024 йил «29» ноябрь (шартнома тузилган сана)

Давлат буюртмачиси бўлган кейинги ўринларда “Буюртмачи” деб аталувчи Навоинский государственный педагогический институт номидан Данияров Бахтиёр Худайбердиевич асосида иш юритувчи бир тарафдан ва кейинги ўринларда “Ижрочи” деб аталувчи SAPFIRE WATER MCHJ номидан SAMIYEV IKROMJON SAMIYEVICH асосида иш юритувчи иккинчи тарафдан, биргаликда «Тарафлар» деб аталувчилар Давлат харидлари электрон тизимида ўтказилган электрон давлат хариди натижаси бўйича қуйидагича шартнома тузилди.

1. ШАРТНОМА ПРЕДМЕТИ

1.Буюртмачи товар (иш, хизмат) учун жами тўловни амалга оширади ва товарни (ишни, хизматни) қабул қилиб олади, Ижрочи товарни (ишни, хизматни) қуйидаги шартларда етказиб беради:

№	Товар(иш, хизмат) номи	Ўлчов бирлиги	Товар (иш, хизмат) сони	Бирлик учун бошланғич нархми	Бирлиги учун келишилган нарх	Позиция учун келишилган нарх
1	Табиий шифобахш минерал сув	дона	350	16,000.00	12,320.00	4,312,000.00

Шартноманинг умумий суммаси 4312000 сўм.

тўрт миллион уч юз ўн икки минг сўм 00 тийинни ташкил этади.

ТЕХНИК ПАРАМЕТРЛАР

Табиий шифобахш минерал сув	Питьевая вода « SAPFIRE WATER», добывается из глубины 205 метров через серебряную трубу. Вода промывается песком, и углем . Обогащена такими минералами как магний , кальций, калий, серебро которые очень важны для организма человека. Наша вода очень полезно для больных с почками и печени. При кипячение не образует накипь и не теряет свои минеральные свойства. Наша вода производится в 18,9 литровых бутылях. тара подлежит возвратут

Товар (иш, хизмат) хақида маълумотлар

Табиий шифобахш минерал сув	Товар (иш, хизмат) маркаси	SAPFIRE WATER
	Товар (иш, хизмат) ишлаб чиқарувчи	SAPFIRE WATER MCHJ
	Ишлаб чиқарилган давлат	УЗБЕКИСТАН
	Кафолат муддати	3 месяца
	Сақлаш муддати	31.01.2025
	Ишлаб чиқарилган йили	2024
	лицензия ёки сертификат (қонунчиликда кўзда тутилган ҳолларда)	Бор
	БЮД (Божхона юк декларацияси)	-

Drinking water dispensers and the contract with water supplying company

Water-efficient buildings

Does your university as a body apply building standards to minimise water use?

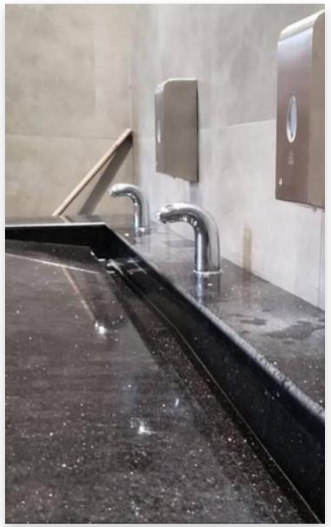
80.2%
Toilets: 385 of 480 are low-flush

84.6%
Taps: 440 of 520 are sensor or low-flow

83.3%
Showerheads: 125 of 150 are low-flow

86.3%
Urinals: 82 of 95 have flush control

1. Infrared flush control and low-flush WCs: 4–6 L instead of 9–12 L per flush
2. Sensor and low-flow taps, plus water-saving showerheads in dormitories
3. Solar water heating with about 20,000 L total capacity







Water-wise landscaping

Does your university as a body plant landscapes to minimise water usage? (e.g. use drought-tolerant plants)

Climate-adapted, drought-tolerant trees and efficient irrigation keep the campus green with less water.

1. Drought-resistant trees need minimal watering once established
2. Drip and sprinkler irrigation cut evaporation and runoff
3. “Yashil Makon”: about 2,500 trees and shrubs planted on 5.5 ha in Karmana district.






A policy to maximise water reuse

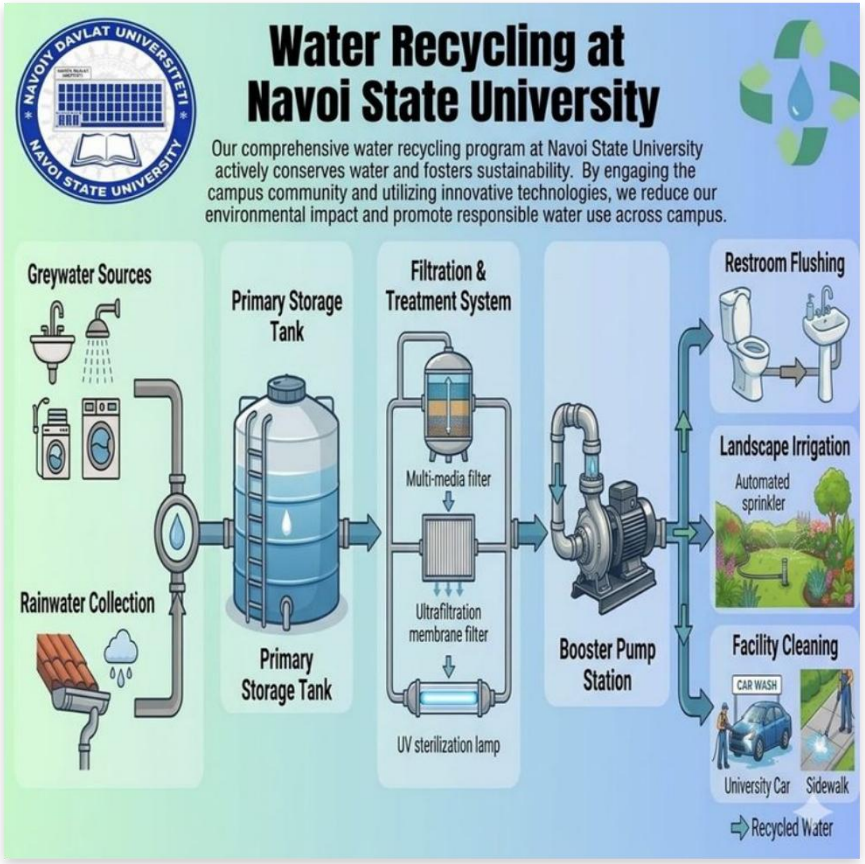
Does your university as a body have a policy to maximise water reuse across the university?

1 Collect
Greywater from sinks, showers and laundry, plus rainwater, goes to central storage

2 Treat
Onsite filtration, aligned with national standards with O‘zsuvta’minot AJ

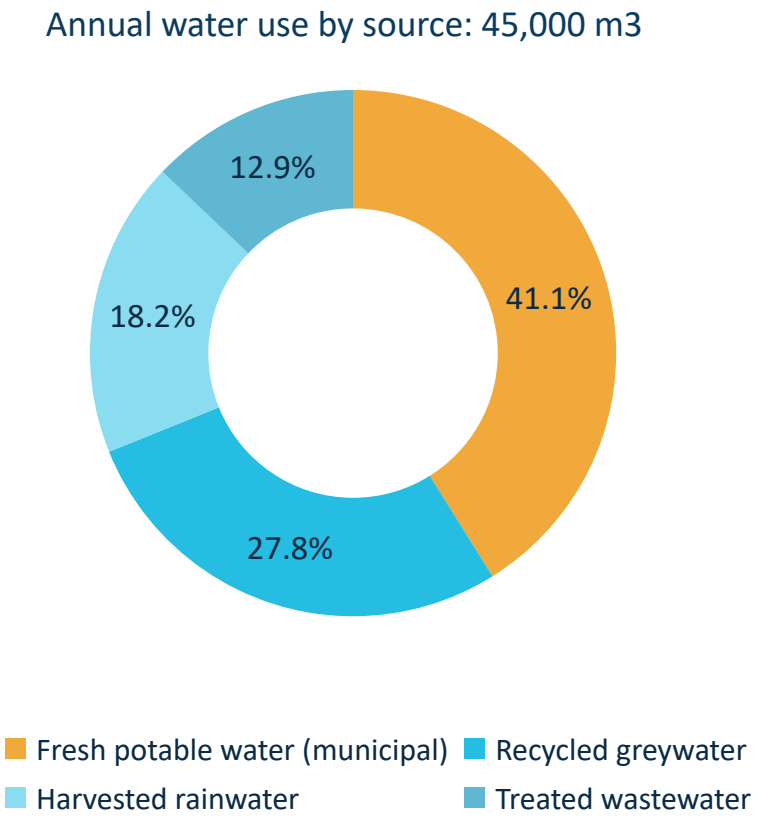
3 Reuse
Landscape irrigation, toilet flushing, sidewalk and vehicle cleaning

4 Monitor
The Water Audit Team inspects tanks and treatment systems regularly



Measuring water reuse

Does your university as a body measure the reuse of water across the university?





Reuse for car wash facilities and sprinkler irrigation

Water education for communities

Does your university as a body provide educational opportunities for local communities to learn about good water management?

700+ people participated

Water Conservation and Environmental Protection Week 2024

500+ people participated

"Water is Not Free" awareness campaign

400+ people participated

"Protect Water, Protect Life" campaign

350+ people participated

"Every Drop Counts" challenge: 45 projects, 10 selected

1. Water topics are taught in environmental science, engineering and public health
2. Seminars, roundtables and student competitions on saving water
3. Aligned with Presidential Resolution PQ-5 and the "Uzbekistan – 2030" Strategy



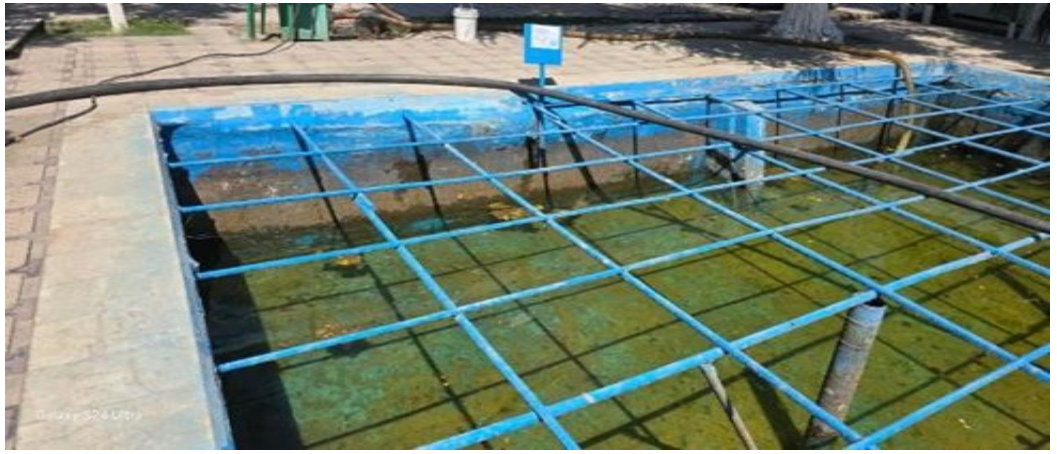


Water conservation off campus

Does your university as a body support water conservation off campus?

Rainwater harvesting reduces dependence on treated water. Reservoirs collect runoff from rooftops, sidewalks and other surfaces.

1. An automatic purification system removes dust and organic particles
2. Cleaned water irrigates gardens and green areas and flushes toilets
3. Staff plant climate-adapted trees on 5.5 ha in the Malikrabot massif, Karmana district





Sustainable sourcing and discharge

Does your university as a body, where water is extracted, utilize sustainable water extraction technologies on associated grounds on and off campus?

Domestic wastewater goes to the regional treatment system of Navoiy Suv Ta'minoti JSC, so untreated water is never released.

1. Smart meters and the Water Audit Team track every source
2. Laboratory wastewater gets extra monitoring and controlled disposal
3. Tanks, filters, pumps and reuse infrastructure are inspected regularly







Cooperating on water security

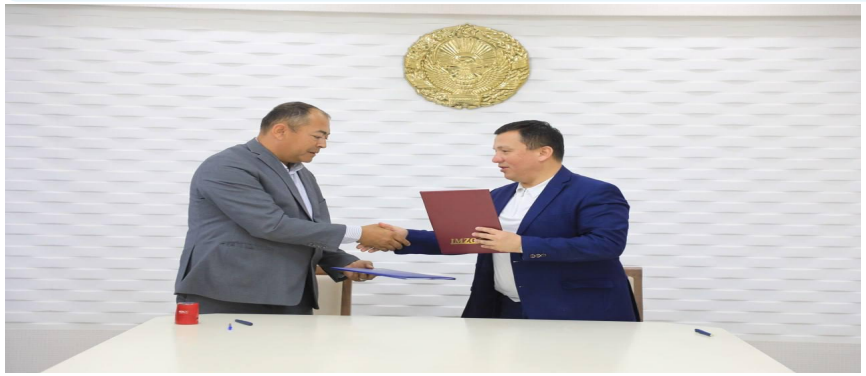
Does your university as a body cooperate with local, regional, national or global governments on water security?

NSU works closely with O‘zsuvta’minot AJ, the Institute TIQXMMI and other organizations.

1. **Desert forestry research center**
   Memorandum on water-saving irrigation, desert plant adaptation, soil reclamation and student internships

2. **Tashkent State Agrarian University**
   Memorandum on water monitoring, irrigation modernisation, AI and robotics, and academic mobility







Conscious water use on campus

Does your university as a body actively promote conscious water usage on campus?

2,143
Staff and students joined the clean-up (1,379 students)

1.1 km
Drainage channels and irrigation ditches cleaned

1,392
Campus trees maintained

10 t
Waste removed from campus and surroundings

1. Strategy to 2030: most landscaped areas on water-efficient irrigation
2. Keep at least 31% of campus (87,234 m^2) for rainwater absorption
3. Engage at least 80% of students in water activities by 2030





Water awareness in the wider community

Does your university as a body actively promote conscious water usage in the wider community?

2,000+

Students and employees join water activities every year

2025–30

Water Conservation and Sustainable Water Management Strategy, in force since Sept 2025

500+

“Water is Not Free” campaign participants

1. Campaigns: “Every Drop Counts”, “Save Water Together”, World Water Day
2. Student video projects promote conscious water use
3. Roundtables with the Ecological Party branch and NGOs (Dolzarb 90 kun)





Every drop counts

Water Conservation and Sustainable Water Management Strategy 2025–2030

31%+

of campus area kept for rainwater absorption

80%

of students engaged in water activities by 2030

2030

most landscaped areas on water-efficient irrigation

Navoi State University
Times Higher Education Impact Rankings | timeshighereducation.com

6 CLEAN WATER AND SANITATION

Conclusion



SDG 6: Clean Water and Sanitation

Navoi State University treats water as a shared resource that must be measured, protected and reused. The university meters its total consumption of 45,000 m^3 a year, and a dedicated Water Audit Team monitors usage, checks for leaks and tests water quality. Wastewater from laboratories, dormitories and other facilities is treated onsite, and strict rules keep toxic substances out of the drainage system.

More than half of the water used on campus, 58.9%, is recycled greywater, harvested rainwater and treated wastewater, which supplies irrigation, toilet flushing and cleaning. Water-efficient toilets, taps, showerheads and urinals make up 80–86% of installed fixtures, free drinking water is available across campus, and drought-tolerant landscaping with modern irrigation keeps green areas healthy using less water.

Beyond the campus, NSU teaches communities to value water through campaigns such as “Every Drop Counts” and “Water is Not Free”, with more than 2,000 students and staff taking part every year, and it cooperates with partners including O‘zsuvta’minot AJ and Tashkent State Agrarian University. Under its Water Conservation and Sustainable Water Management Strategy 2025–2030, the university will keep at least 31% of its campus for rainwater absorption, engage 80% of its students in water activities and expand water-efficient irrigation, supporting SDG 6 in an arid region where every drop counts.