Measurement of Water Reuse Across the University

SDG 6 Water reuse measurement | Reporting year 2025

At Uzbekistan State World Languages University (UzSWLU), water reuse is not only practiced but also systematically measured. The University monitors water supplied from the municipal network separately from water recovered through its greywater recycling and rainwater harvesting systems. Smart sensors track water flows, allowing the University to monitor the volume of recycled water used and its contribution to campus water demand.

Sources and uses of reused water

Greywater from washbasins, showers and laundry areas is treated and reused for landscape irrigation, toilet flushing and outdoor cleaning. Rainwater collected from the roofs of the main building and the cafeteria supplements the recycled greywater. In addition to flow volumes, the monitoring system tracks the pH and turbidity of the treated water.



Separate water meters used to record water flows on campus

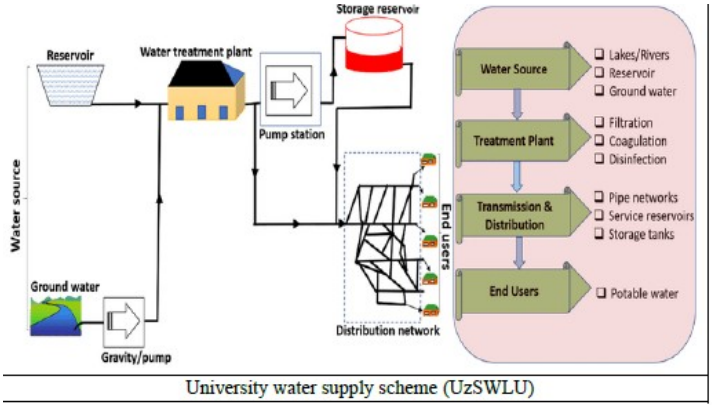
Measured results

According to the University's reported results, the share of campus water that is recycled increased from 9% in 2023–2024 to 18% in 2024–2025. Recycled greywater and harvested rainwater together meet approximately 18–20% of the University's total non-potable water demand, and in landscape irrigation these systems have reduced dependence on fresh water by nearly 40%.

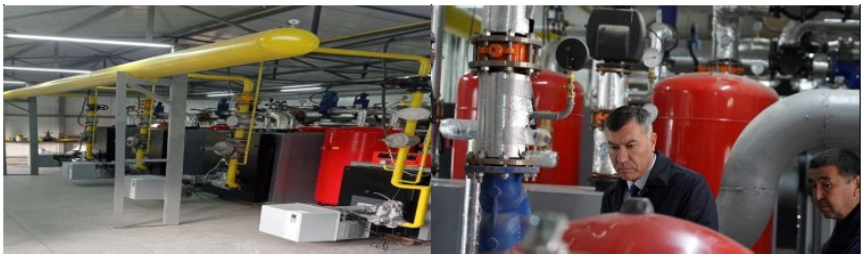
Indicator	2023–2024	2024–2025
Share of campus water recycled	9%	18%
Share of non-potable demand met by recycled and harvested water	—	18–20%
Reduction in fresh water used for irrigation	—	≈40%

Monitoring and review

The Green Office and the Technical Department review monthly monitoring reports, and the UzSWLU Sanitation and Health Laboratory regularly tests the treated water. Together, these monitoring and review processes enable the University to track and report water reuse across the campus, as required by the UzSWLU Water Reuse Policy.



University water supply scheme (UzSWLU)



University technical water infrastructure



Campus water station "Suv – hayot manbai" (Water is the source of life)

Evidence

- UzSWLU Water Reuse Policy: https://uzswlu.uz/backend/web/uploads/pagepdf/icon/17916303366959.pdf
- Water Recycling Program Implementation: https://uzswlu.uz/backend/web/uploads/pagepdf/icon/17625288770747.pdf
- UzSWLU Water (WR) page: https://uzswlu.uz/en/water-wr