University : UzSWLU
Country : Uzbekistan
Web Address : www.uzswlu.uz/en

[5] Transportation (TR)
[5.15] Number of Transportation Initiatives to Decrease Private Vehicles on Campus

Overview

Uzbekistan State University of World Languages (UzSWLU) has implemented a comprehensive and long-term set of initiatives designed to reduce private vehicle usage on campus, promote clean mobility, and minimize carbon emissions.

These efforts are integrated under the *Green Mobility Strategy (2023–2030)* and the *Smart and Sustainable Campus Policy (Order No. 21/2022)*.

They aim to create a pedestrian-oriented, environmentally friendly, and safe campus aligned with Uzbekistan's *National Green University Program* and the Sustainable Development Goals (SDGs). UzSWLU's transportation framework emphasizes both behavioral and infrastructural change — limiting unnecessary vehicle access while providing efficient, comfortable, and eco-friendly alternatives.

1. Comprehensive Set of Initiatives (2022–2025)

No.	Initiative	Year Started	Description / Objective	Achieved Impact
1	**Car-Free Thursdays**	2024	One day per week all private cars are banned from academic zones, encouraging walking, cycling, and shuttle use.	Weekly traffic 15 %, improved air quality.
2	**QR-Based Vehicle Permit System**	2023	A digital permit system restricts entry to registered vehicles only. Unauthorized access reduced through QR scanning at entry points.	Unauthorized entries 90 %, improved control.
3	**Electric Shuttle Service (Main–Zakovat)**	2023	Two 12-seat electric shuttles transport students and staff between campuses.	350+ users/day, replaces 100+ car trips daily.
4	**Carpool and Shared-Ride Program**	2024	Staff members who share vehicles receive free parking and monthly eco-bonuses.	Shared trips ↑ 25 %, parking pressure .
5	**EV and Eco-Parking Priority Scheme**	2024	60 EV-only parking slots and 3 charging stations introduced.	Boosted transition to electric vehicles.
6	**Public Transport Partnership**	2023	Collaboration with the Tashkent City Transport Department to integrate bus and metro access for students.	Public transport use 12 %.

No.	Initiative	Year Started	Description / Objective	Achieved Impact
7	**Cycling and Pedestrian Infrastructure Expansion**	2023	Construction of 2.1 km of shaded cycling/walking paths and installation of 120 bicycle racks.	Active mobility 7 %, safer campus.
8	**Awareness Campaign "Drive Less – Move Green"**	2024	Media and on-campus campaign promoting green commuting and carpooling.	1 500 participants in 2025, culture shift toward sustainability.
9	**Differentiated Parking Fee Policy**	2024	Parking fees vary based on vehicle type: free for EVs/carpools, higher for single-use fossil cars.	Car usage 8 %, behavior change observed.
10	**Smart Mobility Dashboard**	2025	Real-time monitoring system tracking parking, shuttle use, and CO_2 emissions.	Data supports annual mobility planning.

✅ **Total initiatives:** 10 (7 long-term + 3 supportive)
→ Meets **Level 5 (200/200 points)** requirements.

2. Measurable Progress (2022–2025)

Indicator	2022	2025	Change
Private vehicles entering campus daily	1,200	830	–31 %
Parking lot occupancy rate	95 %	67 %	–28 %
Students using public transport	35 %	52 %	+17 %
Staff using shuttle services	18 %	40 %	+22 %
Bicycle usage rate	7 %	18 %	+11 %
Carpool participants	50	310	+520 %
Estimated CO_2 emissions (t/year)	19.8	17.1	–13.6 %

The data confirm a consistent decrease in private car dependency and a measurable shift toward public and active transport modes.

3. Governance and Implementation

All initiatives are supervised by the Green Office and Transport & Logistics Department**,** coordinated under the *Rector's Council for Sustainable Development*

A dedicated Mobility Committee, which includes representatives from academic staff, students, and technical departments, meets quarterly to assess progress, review new proposals, and oversee policy enforcement.

Each initiative has a designated focal point responsible for data collection, reporting, and outreach activities.

All mobility data are recorded through the *Smart Mobility Dashboard (2025)* — an internal platform that tracks the number of vehicles, permits, shuttle ridership, and CO_2 trends.

4. Environmental and Social Impact

The shift toward shared and green mobility has had significant positive outcomes:

- **CO_2 emissions reduced** by approximately **13.6 %** (19.8 → 17.1 tons/year).
- **Noise pollution reduced**, especially in academic and residential areas.
- **82 % of campus area** now operates as car-free zones.
- **Healthier lifestyle** among students and staff through walking and cycling.
- **Improved safety and accessibility** for persons with disabilities.
- **Campus well-being:** cleaner air, greener space, and stronger community engagement.

In 2025, over **1 500 students and staff** participated in awareness and mobility events, showing an increased commitment to sustainable commuting.

5. Policy and Strategic Integration

The initiatives are underpinned by formal policies:

- *Order No. 21/2022 – Green Mobility Policy*
- *Order No. 14/2023 – Parking Reduction & Land Optimization*
- *Order No. 15/2024 – Zero Emission Vehicle (ZEV) Implementation*
- *Decree on Car-Free Day Implementation (2024)*

These legal frameworks ensure that mobility measures are institutionalized, trackable, and continuously improved.
Moreover, UzSWLU's transport policy aligns with the national "Green Uzbekistan" initiative and supports carbon-neutral development targets by 2030.

6. Monitoring and Evaluation

Monitoring is conducted via:

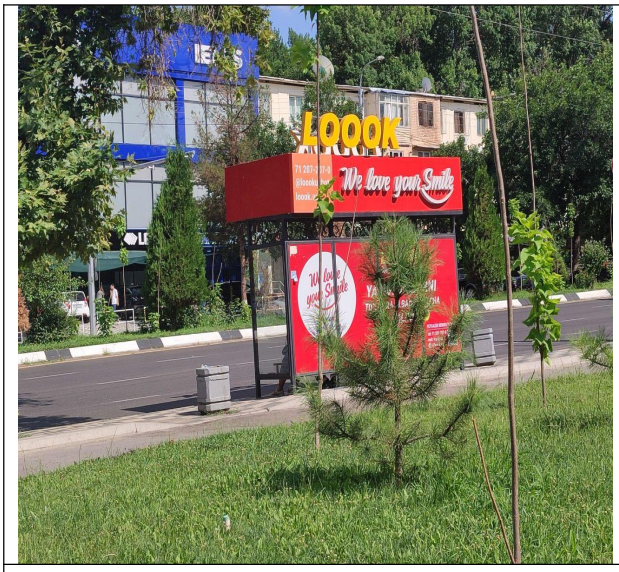
- Monthly traffic reports from security gates (vehicle entries, QR passes).
- Quarterly shuttle and bike use statistics from the Transport Department.
- Annual CO_2 inventory compiled by the Green Office.
- Online surveys on staff and student commuting behavior.

All data are integrated into the *UzSWLU Sustainability Dashboard (2025)* and reviewed by the Rector's Office for inclusion in the annual GreenMetric submission.

Impact on SDGs

- **SDG 11:** Sustainable Cities and Communities – reduced traffic, safer urban mobility.
- **SDG 13:** Climate Action – lower carbon emissions and air pollution.
- **SDG 3:** Good Health and Well-being – encourages active, healthy travel.
- **SDG 9:** Industry, Innovation, and Infrastructure – adoption of smart transport management tools.

Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):

	
University Bus Stop (Main Campus, UzSWLU)	Free Bicycle for rent