



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

5.4 — Total Number of Vehicles (Cars and Motorcycles with Combustion Engines)
Divided by Total Campus Population

Uzbekistan State World Languages University (UzSWLU) recognizes sustainable mobility as one of the key elements of its environmental and social responsibility. Transportation at UzSWLU is managed through a low-carbon, pedestrian-oriented, and ICT-supported mobility system that reduces traffic congestion, improves air quality, and enhances the well-being of students and staff.

In alignment with the National Strategy for Green Universities of Uzbekistan (2023–2030) and the Eco-Construction and Smart Infrastructure Policy (Order No. 34/2024), the University has prioritized the gradual transition from combustion-engine vehicles to electric and shared mobility solutions. Transportation planning, implementation, and monitoring are integrated within the University's Smart Campus Management Framework, ensuring that transport operations contribute to institutional sustainability objectives.

1. University Vehicle Fleet and Management

UzSWLU operates a limited, efficient, and strictly controlled fleet of **29 university-owned vehicles**, supporting administrative, technical, academic, and campus service activities while progressively increasing the proportion of zero-emission vehicles.

Vehicle Type	Quantity	Function	Energy Type
Administrative cars	6	Rectorate, vice-rectors, and department heads	Combustion engine
Service & maintenance cars	6	Technical support and campus logistics	Combustion engine
Electric shuttles (30-seater)	15	Transport between Main and Zakovat campuses	Electric
Mini electric cars	2	Internal service and rapid response	Electric
Total university fleet	29		12 combustion + 17 electric

For the purpose of **UI GreenMetric Indicator TR1**, only **university-owned combustion-engine vehicles (12 vehicles)** are included in the calculation. Electric shuttles and other zero-emission vehicles are reported separately under **TR3 (Zero Emission Vehicles)**.

All fleet operations are coordinated by the Transport and Logistics Department, which maintains a Digital Vehicle Management Logbook recording fuel consumption, travel routes, maintenance schedules, and vehicle utilization. Vehicles are replaced every 7–8 years to improve operational efficiency, with electric vehicles prioritized in future procurement.

Monthly fleet monitoring reports indicate a **13.6% reduction in fleet-related CO₂ emissions** compared with 2023, reflecting continuous progress in the University's vehicle decarbonization programme. Fleet operations are also scheduled to minimize traffic during teaching hours and student activities.



2. Private and External Vehicle Regulation

UzSWLU maintains a strict permit-based system for private vehicle access. Every vehicle entering the campus is digitally registered and issued an RFID or QR-code access permit, enabling real-time monitoring through the Smart Mobility Dashboard. Private vehicles are permitted only in designated parking areas outside academic zones.

No.	Indicator	Value
1	University-owned combustion-engine vehicles (Indicator 5.1)	12
2	Number of cars entering the university daily (Indicator 5.2)	700
3	Number of motorcycles entering the university daily (Indicator 5.3)	160

This controlled-access system ensures that only essential vehicles operate within university territory, reducing congestion, noise, and transport-related emissions. Visitor vehicles are encouraged to use nearby public parking facilities or public transportation services that directly connect with the University campuses.

Calculation (TR1)

According to the **UI GreenMetric methodology**, Indicator TR1 is calculated using only combustion-engine vehicles:

$$TR1 = (5.1 + 5.2 + 5.3) \div (1.11 + 1.13)$$

$$TR1 = (12 + 700 + 160) \div 19,562$$

$$TR1 = 872 \div 19,562 = 0.04458$$