

SMART TRANSPORT MANAGEMENT SYSTEM PROGRAM

Annotation: The Smart Transport Management System Program aims to create an intelligent digital platform for managing vehicle movement and parking on the university campus. The system integrates GPS monitoring of official transport, digital campus maps, and a mobile application for booking bicycles and electric scooters. Implemented in stages from 2023 to 2025, the system now covers all campus areas and supports optimized mobility planning.

As a result, the time spent searching for parking has been reduced by 70%, intra-campus vehicle movement by 85%, and the average transport-related carbon footprint by 65%, while improving safety and ease of movement for students and staff. The program has been fully implemented and is currently undergoing revision to introduce advanced AI-based route and energy optimization.

The initiative contributes directly to SDG 9 (Industry, Innovation and Infrastructure), SDG 11 (Sustainable Cities and Communities), and SDG 13 (Climate Action), forming part of the university's transition to a smart and environmentally sustainable campus.

The translation was carried out by the Research Institute for Sustainable Development and Green Economy at the International University of Tourism and Entrepreneurship of Tajikistan.

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