



Smart Mobility in Tajikistan

Overview of the current state and strategic direction within the national digital transformation program **2025–2030**

Transport Digitalization

Urban traffic management and digital services

Smart City Dushanbe

Key platform – underway since 2019

Data-Driven Decision Making

Early, but actively developing stage

Key Achievements



Smart City System

Video monitoring (Safe City) and centralized city management are the foundation of Dushanbe's digital security.



Transport Digitalization

Electronic waybills for taxis and digital permits for transport operations.



Green Mobility

Electric buses have been introduced, more than **10,000 electric vehicles** are in use, and charging infrastructure is expanding.

Key Challenges

Lack of a Unified Platform

There is no unified system for managing mobility data

Limited Real-Time Data

Insufficient coverage of traffic monitoring

Fragmentation Across Agencies

Disconnected digital systems without interagency integration

Low ITS Adoption

Limited implementation of intelligent transportation systems

Technical Gaps

Limited use of AI, analytics, and road data integration

Road Data

Weak integration of road condition and traffic data



Development Needs

Capacity Development Priorities

For systematic progress in smart mobility, Tajikistan needs a comprehensive approach covering four interrelated areas:

- **Technical solutions** – AI analytics, GIS platforms, GPS integration
- **Institutional framework** – data governance and inter-agency coordination
- **Training specialists** – transport modeling and digital infrastructure
- **Knowledge exchange** – international ITS experience

Future Priorities

Strategic steps for building a modern digital transport ecosystem in Tajikistan

Single Platform
National mobility and data

Data Integration
Traffic, roads, and GPS in a single network



ITS and Monitoring
Real time for smart traffic

AI and Forecasting
Analytics and predictive maintenance

Single Platform
National transport data management system

ITS and Monitoring
Smart traffic management in real time

AI and Analytics
Predictive models for maintenance and flow management

Coordination
Interagency collaboration and digital capacity