Session IV

Regional Priorities

25 CAREC
Central Asia Regional Economic Cooperation

First Smart Mobility Working Group Meeting

21 May 2026 | Manila, Philippines

Первое заседание Рабочей группы по интеллектуальной мобильности

21 мая 2026 года | Манила, Филиппины

Regional Priorities

Session V

First Smart Mobility Working Group Meeting

Session V — Agenda

01. Introduction

How to read priority charts — questionnaire methodology

02. Country Priorities

Priority assessment results for 8 CAREC countries

03. Common Themes

Priority and patterns

04. Cluster Synthesis

Introduction

The following slides summarise country-level smart mobility priorities identified through stakeholder consultations in 8 CAREC countries. The stakeholder consultation phase will end next week, so there is still time to involve the remaining countries.

Priorities are based on scores from Low (1) to High (3), highlighting national focus areas and recurring regional themes to inform the CAREC Smart Mobility Working Group agenda.

Azerbaijan Priorities

National Context

Advanced framework in Baku (Digital Twin, AYNA, ADY Smart); gap between capital and rest of country

Key Focus

Digital traffic management, MaaS platforms, ITS for smart traffic lights and communication

MEDIUM Priority

Safety, Freight optimisation, Environmental impact, Active mobility, Shared services, Demand management

HIGH Priority

Data sharing, Governance framework, MaaS/user-centred mobility, Public transport, Multimodal integration, ITS

Georgia Priorities

National Context

Dual approach: urban sustainability in Tbilisi + logistics corridor digitalisation nationally

Key Focus

Urban ITS and SUMP in Tbilisi; cross-border digitalisation (Maritime Single Window, NCTS, TRACECA)

MEDIUM Priority

Data sharing, MaaS, Green logistics (interurban/urban), Environmental impact, Demand management, Shared services

HIGH Priority

Governance framework, Safety, Accessibility, Freight optimisation, E-mobility, Active mobility, Public transport, Multimodal integration, ITS

Kazakhstan Priorities

National Context

Smart Astana and Almaty programmes; strong focus on road asset digitalisation and extra-urban monitoring

Key Focus

Road network monitoring, speed control, public transport modernisation, electromobility

MEDIUM Priority

Innovation, Governance, Safety, Freight, Green logistics (interurban), Environmental impact, E-mobility, Shared services, Public transport, ITS

HIGH Priority

None scored 3 — all priorities rated Medium (2) or Low (1)

Kazakhstan

Priority level: 3 High, 2 Medium, 1 Low

1	Innovation and new business models	2
2	Governance and policy framework	2
3	Safety and security	2
4	Freight transport optimisation	2
5	Green and smart logistics (INTERURBAN)	2
6	Reduce the environmental impact of transport	2
7	Promote the development of e-mobility	2
8	Shared mobility services	2
9	Public transport development	2
10	Intelligent Transport Systems (ITS)	2
11	Data sharing and open data	1
12	User-centred mobility services (MaaS concept)	1
13	Accessibility and inclusiveness	1
14	Green and smart logistics (URBAN)	1
15	Transport demand management	1
16	Active mobility (walking and cycling)	1
17	Multimodal integration	1

Kyrgyzstan Priorities

National Context

Strongly oriented to freight digitalisation and corridor management; e-permit system already active

Key Focus

Freight database, smart road information panels, e-CMR, automated tolling, weigh-in-motion systems

MEDIUM Priority

Innovation, Governance, MaaS, Green logistics (urban), Active mobility, Multimodal integration

HIGH Priority

Data sharing, Safety, Accessibility, Freight optimisation, Green logistics (interurban), Environmental impact, E-mobility, Demand management, Public transport, ITS

Mongolia Priorities

National Context

Early-stage smart mobility framework; strong financial and institutional constraints to scaling

Key Focus

ITS and public transport modernisation (BRT, MRT); electromobility and micromobility integration in Ulaanbaatar

MEDIUM Priority

MaaS, Accessibility, Freight, Green logistics, Environmental impact, Demand management, Active mobility, Public transport, ITS

HIGH Priority

Data sharing, Governance, Safety, E-mobility, Multimodal integration

Pakistan Priorities

National Context

Broad framework across federal/provincial levels; fragmentation limits interoperability and scalability

Key Focus

BRT systems, electric buses, M-Tag tolling, ITS on motorways; data-driven governance and inclusiveness

MEDIUM Priority

Innovation, MaaS, Accessibility, Green logistics (interurban/urban), Environmental impact, E-mobility, Demand management, Active mobility, Shared services

HIGH Priority

Data sharing, Governance, Safety, Freight, Public transport, Multimodal integration, ITS

Tajikistan Priorities

National Context

Landlocked and mountainous; strong dependence on road transport; institutional fragmentation a key barrier

Key Focus

Public transport reform, ITS basics, road safety, e-customs (ASYCUDA, TIR EPD), electric transport 2023-2028

MEDIUM Priority

Innovation, Green logistics (urban), Demand management, Active mobility, Shared services

HIGH Priority

Data sharing, Governance, Safety, Accessibility, Freight, Green logistics (interurban), Environmental impact, E-mobility, Public transport, Multimodal integration, ITS

Turkmenistan Priorities

National Context

Strongly logistics/corridor oriented; Arkadag as smart city example; 700 GPS-equipped new buses in Ashgabat

Key Focus

Digital transport corridors, multimodal logistics hubs, railway modernisation (Ashgabat-Turkmenbashi axis)

MEDIUM Priority

Data sharing, Innovation, Safety, Accessibility, E-mobility, Demand management, Active mobility, Public transport, ITS

HIGH Priority

Governance, Freight optimisation, Green logistics (interurban/urban), Environmental impact, Multimodal integration

Common Priorities

Governance & Policy
7 of 8 countries rate Governance framework as High or Medium priority — the most consistent cross-cutting theme

Safety & Security
7 of 8 countries rate Safety as High or Medium — particularly relevant in mountainous and road-dependent contexts

Data Sharing
6 of 8 countries rate Data sharing as High priority — a foundational enabler for all other smart mobility domains

Freight Optimisation
6 of 8 countries rate Freight as High or Medium — central to CAREC corridor performance and regional trade

Public Transport
6 of 8 countries prioritise Public transport development — fleet renewal, digital ticketing and real-time info

ITS & Digitalisation
6 of 8 countries rate ITS as High or Medium — traffic management, monitoring and connected infrastructure

Priority Patterns

Multimodal Integration
Rated High by Georgia, Tajikistan, Pakistan, Turkmenistan — connecting road, rail, port and logistics is a shared regional goal

Environmental Impact
Consistently Medium-High — reducing transport emissions a growing focus, especially for NDC commitments

E-Mobility
Rated High by Kyrgyzstan, Georgia, Tajikistan; Medium by most others — electric fleets gaining traction across all clusters

Accessibility
High in Georgia, Kyrgyzstan, Tajikistan — ensuring transport serves all users including vulnerable groups

Green Logistics
Rated High by Kyrgyzstan, Tajikistan, Turkmenistan — interurban green freight as a regional corridor priority

Active Mobility
Generally lower priority (Low-Medium) — limited uptake of cycling and walking infrastructure across the region

Cluster Synthesis

Cluster 1 Countries
Kazakhstan, Azerbaijan, Pakistan, Uzbekistan — broad smart mobility frameworks; gap is systemic integration and scalability

Cluster 1 Priorities
ITS, public transport, freight digitalisation, e-mobility, governance — focus on consolidating and scaling existing initiatives

Cluster 2 Countries
Mongolia, Kyrgyzstan, Tajikistan, Georgia, China — medium-to-high uptake, uneven coverage across domains

Cluster 2 Priorities
Data sharing, safety, freight, ITS, public transport — filling specific gaps and building missing components

Cluster 3 Countries
Turkmenistan — selective development focused on corridors, logistics and infrastructure modernisation

Cluster 3 Priorities
Digital corridors, multimodal hubs, rail modernisation — expanding from logistics towards urban and user-centric solutions

25 CAREC
Central Asia Regional Economic Cooperation

THANK YOU

2026

First Smart Mobility Working Group Meeting

21 May 2026 | Manila, Philippines

Первое заседание Рабочей группы по интеллектуальной мобильности

21 мая 2026 года | Манила, Филиппины