

Session V

Solutions: Policy,
Infrastructure & Technology



First Smart Mobility Working Group Meeting

21 May 2026 | Manila, Philippines

Первое заседание Рабочей группы по
интеллектуальной мобильности

21 мая 2026 года | Манила, Филиппины



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Solutions: Policy, Infrastructure & Technology

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Session VI — Agenda

01. Framework

3 pillars: Policy, Infrastructure & Technology solutions

02. WG Topics

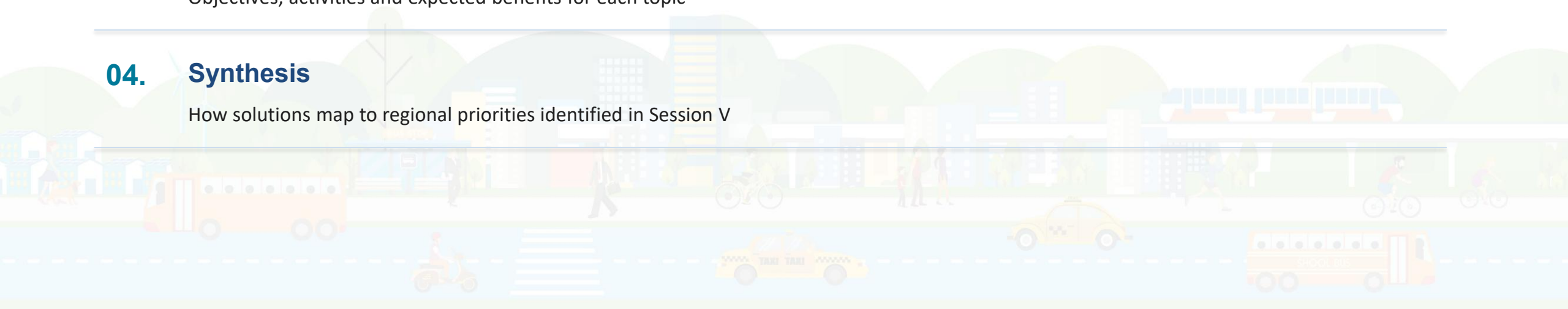
7 proposed topics for the CAREC Smart Mobility Working Group

03. Topic Deep-dives

Objectives, activities and expected benefits for each topic

04. Synthesis

How solutions map to regional priorities identified in Session V



Solutions Framework

Policy

Governance frameworks, institutional coordination, legal standards, data sharing agreements and regulatory reform

Infrastructure

Physical and digital infrastructure: ITS deployment, charging networks, logistics hubs, multimodal nodes and corridor upgrades

Technology

Digital platforms, smart systems, e-documents, real-time data, AI-based traffic management and MaaS services

WG Approach

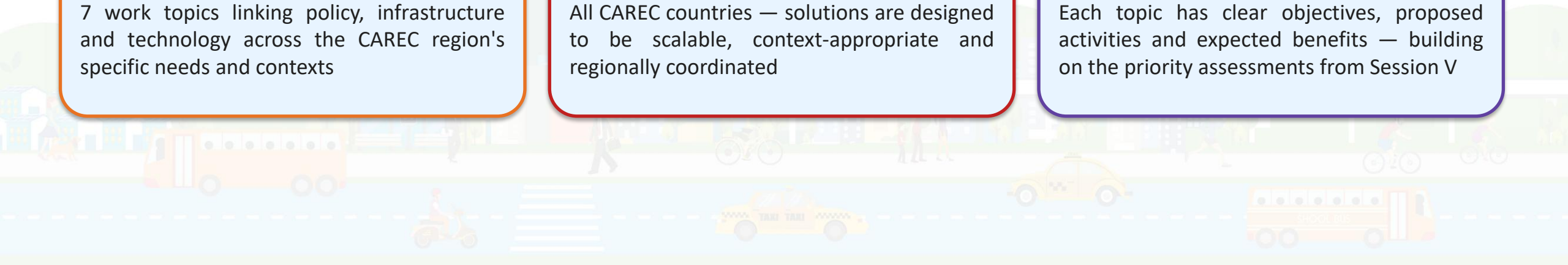
7 work topics linking policy, infrastructure and technology across the CAREC region's specific needs and contexts

Who Benefits

All CAREC countries — solutions are designed to be scalable, context-appropriate and regionally coordinated

How it Works

Each topic has clear objectives, proposed activities and expected benefits — building on the priority assessments from Session V



Topic 1

Data Interoperability & Standards

Expected Benefits

Shared data base; reduced duplication; improved cross-border cooperation.

Proposed Activities

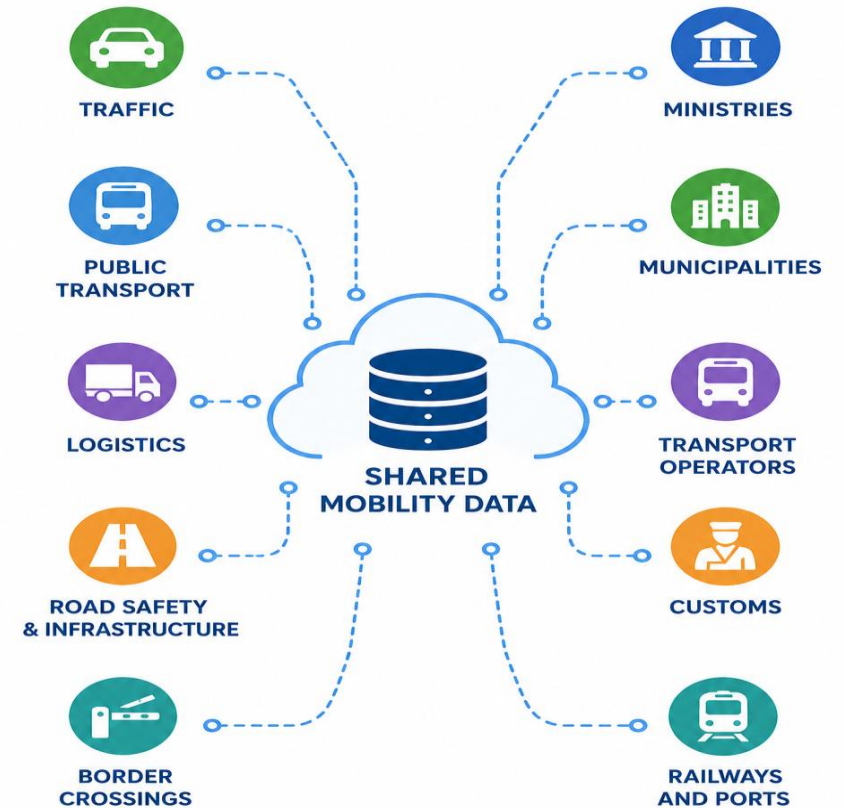
Define regional standards; data-sharing guidelines; common protocols; pilot corridor data exchange.

Objective

Promote standardisation and interoperability of mobility data across CAREC countries.

Description

Platforms and databases exist but are often not interoperable across institutions and borders.



Topic 2

Shared & Integrated Mobility

Expected Benefits

Better urban accessibility; less congestion; greater social inclusion for car-free users.

Proposed Activities

Cycling/pedestrian guidelines; pilot cities for first/last-mile; integrate sharing with public transport.

Objective

Strengthen active and shared mobility as an integrated component of urban smart mobility systems.

Description

Walking, cycling, micromobility and shared services remain marginal in most CAREC countries.



Topic 3

Coordination & Governance

Expected Benefits

Policy coherence; faster implementation; reduced fragmentation; interoperability.

Proposed Activities

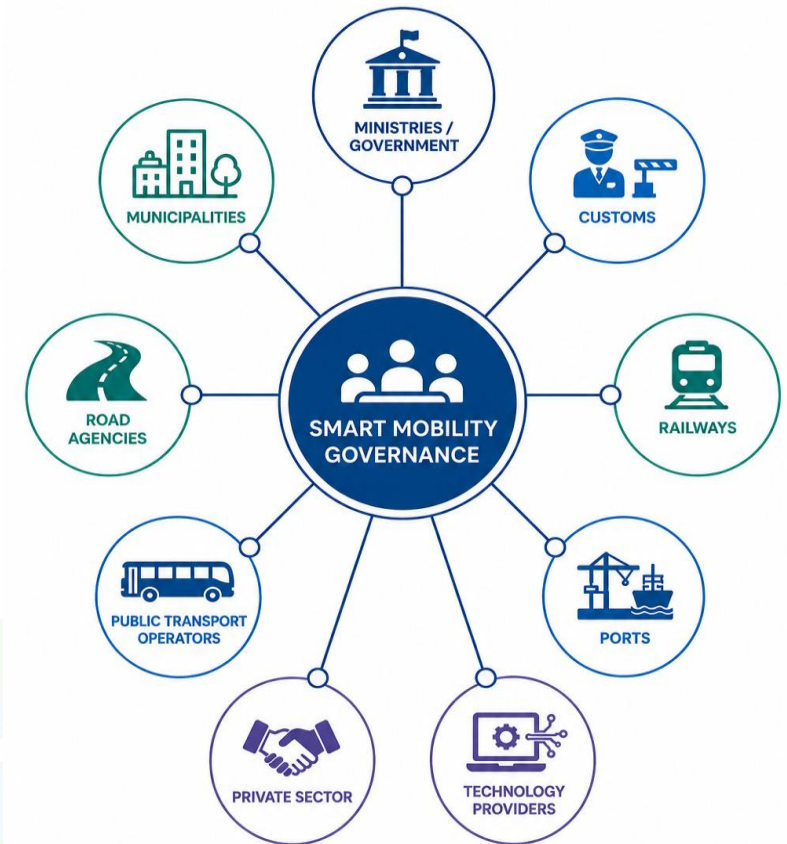
Define actor roles; guidance for national WGs; cooperation agreements; dashboards and indicators.

Objective

Strengthen governance and coordination mechanisms for integrated design, implementation and monitoring.

Description

Responsibilities are fragmented across ministries, municipalities, agencies and operators in most countries.



Topic 4 Integrated Public Transport

Expected Benefits

Better quality and reliability; modal integration; reduced private car use.

Proposed Activities

Modernisation guidelines; smart ticketing and real-time info; pilot cities; common quality indicators.

Objective

Strengthen public transport as the backbone of smart mobility through quality, integration and accessibility.

Description

Public transport is the top priority across CAREC, but interventions rarely produce fully integrated systems.



Topic 5 Mobility & E-Mobility

Expected Benefits

Reduced emissions; improved air quality; more efficient and sustainable fleet investments.

Proposed Activities

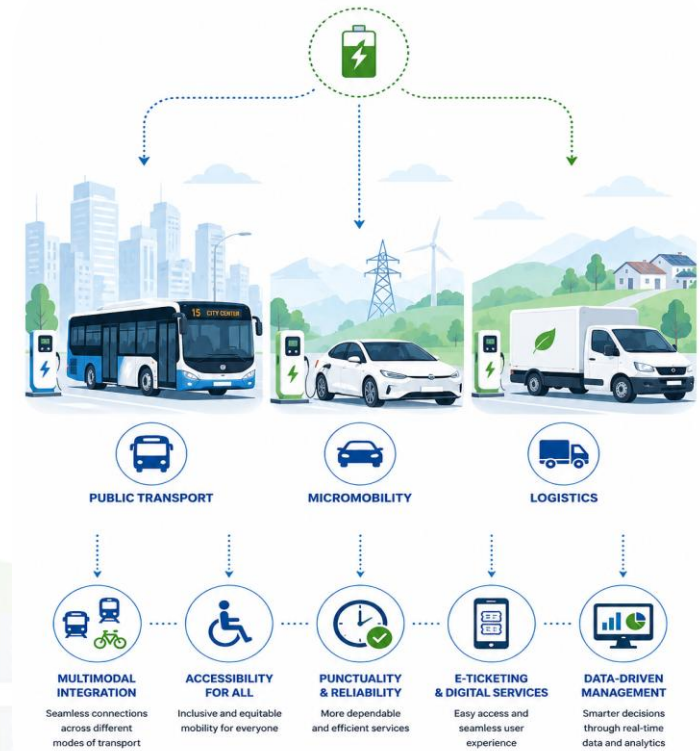
Fleet transition guidelines; charging infrastructure; criteria for secondary cities; PPP/climate finance.

Objective

Support low-emission fleet transition — technically sustainable, financially feasible and scalable.

Description

Electric/CNG fleet transition is underway but often limited to pilot projects in major cities.



Topic 6 Sustainable Freight Corridors

Expected Benefits

Reduced border times; better traceability; efficient intermodal solutions; green logistics.

Proposed Activities

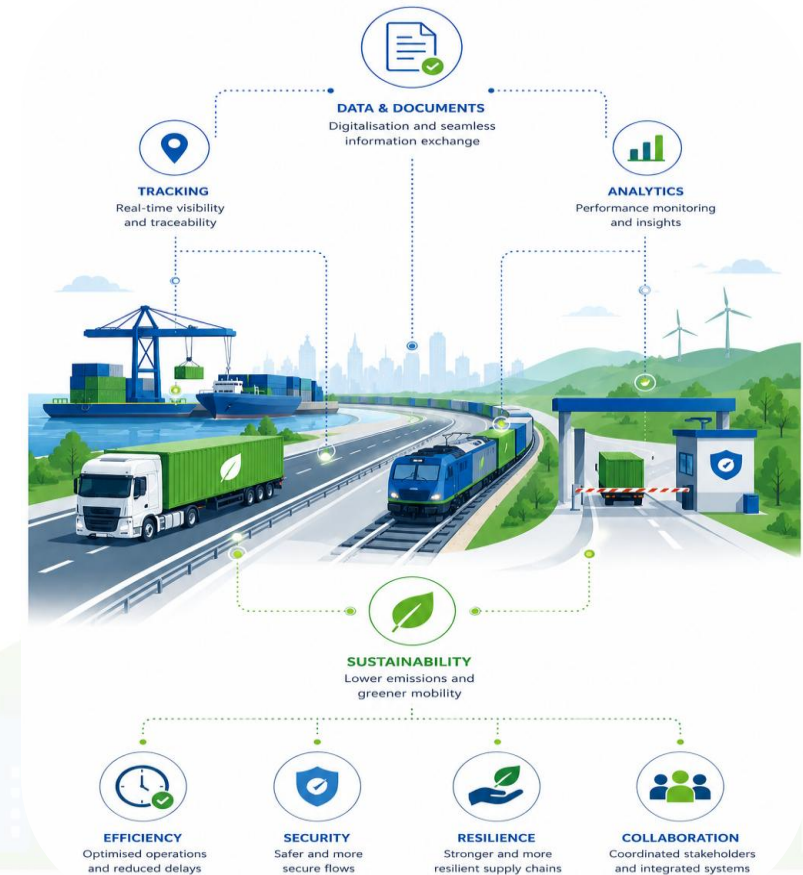
Digital corridors (e-documents, tracking, customs); common corridor indicators; green freight component.

Objective

Improve efficiency, interoperability and sustainability of CAREC freight corridors.

Description

Freight faces border delays, complex procedures and limited digital interoperability across CAREC corridors.



Topic 7

Secondary City & Rural Areas

Expected Benefits

Better service access; less territorial isolation; safer interurban networks; equitable benefits.

Proposed Activities

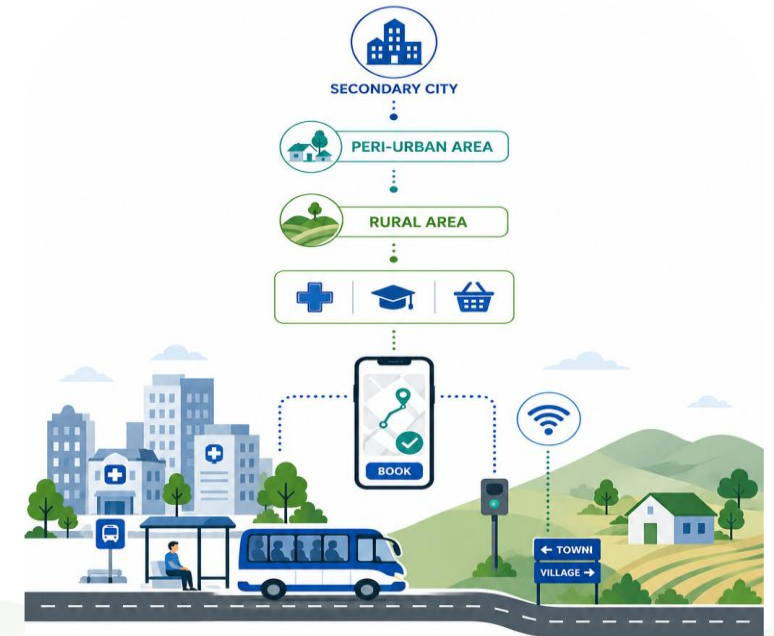
Low-density guidelines; pilot projects outside capitals; replicable models for different national contexts.

Objective

Promote scalable smart mobility solutions for secondary cities, rural areas and interurban corridors.

Description

Smart mobility initiatives are concentrated in capitals — secondary cities and rural areas remain underserved.



KEY BENEFITS



Better access to essential services



Safer extra-urban networks



Stronger rural-urban connections



Greater territorial inclusion

Solutions & Priorities



Regional Priorities

Governance, Safety,
Data, Freight, Public
Transport — High
priority for countries



7 WG Topics

Topics 1–7 address
the challenges and
priorities from
Session V

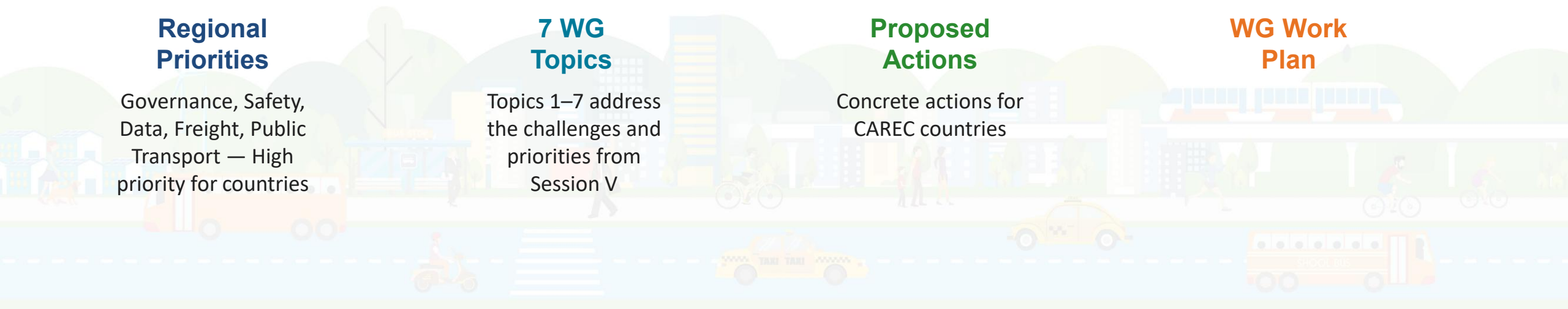


Proposed Actions

Concrete actions for
CAREC countries



WG Work Plan





THANK YOU

2026

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