Session I

Methodological Framework for CAREC Smart Mobility Strategy

25 CAREC
Central Asia Regional Economic Cooperation

Gabriele Giustiniani

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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Expert
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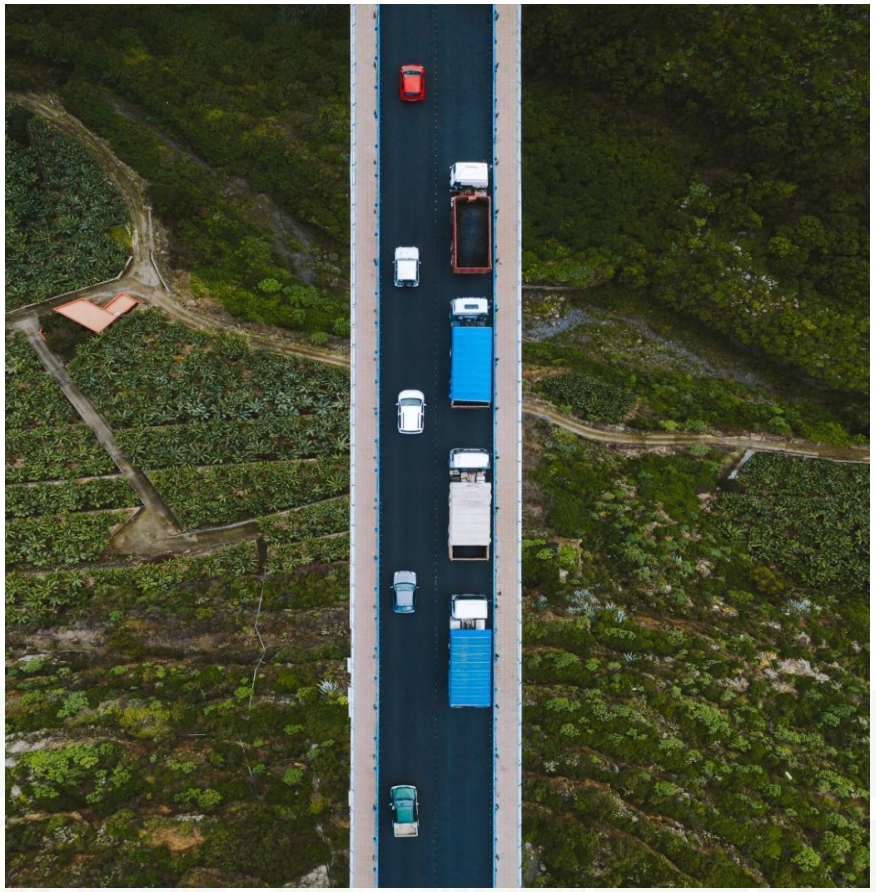
Workshop Agenda

Time	Activities	Remarks
08:30–09:00	Registration	
09:00–09:40	**I. Introduction** - Opening and Welcome Remarks (ADB, CI) - Smart Mobility WG Mandate	
09:40–10:20	**II. Country Presentations**	5 countries
10:20–10:40	Coffee Break	
10:40–11:20	III. Country Presentations	5 countries
11:20–12:00	**V. Regional Priorities**	
12:00–13:20	Lunch Break	
13:20–14:00	**VI. Solutions (policy, infrastructure, technology)**	
14:00–14:40	**IV. Group discussions: Common challenges and proposed actions**	
14:40–15:00	Coffee Break	
15:00–15:40	**VII. Smart Mobility Action Plan**	
15:40–16:20	**VIII. Next Steps** - Adoption of the Action Plan - Knowledge and Capacity Building Needs - Wrap-up (Agreed actions, decision on the 2nd SMWG Meeting) - Closing Remarks	
17:00–19:00	Reception	

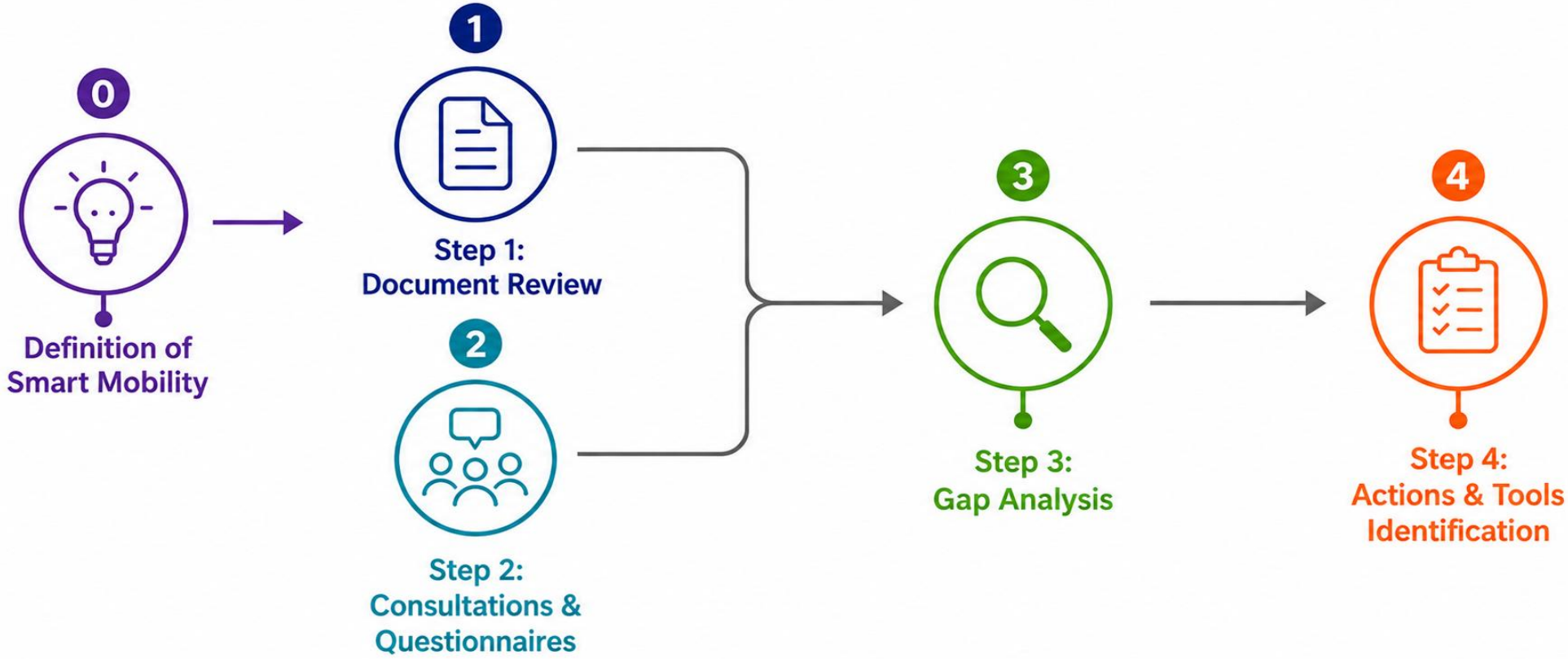
Table of Contents

Work Objective

Develop a structured guiding framework to support the SMART Mobility Working Group in coordinating, prioritising, and advancing smart mobility actions across CAREC corridors.



Work Phases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Definition of Smart Mobility
1
Step 1: Document Review
2
Step 2: Consultations & Questionnaires
3
Step 3: Gap Analysis
4
Step 4: Actions & Tools Identification

Definition of Smart Mobility

Through the analysis of scientific literature and documents published by the CAREC Institute, a definition of smart mobility was developed.

This made it possible to identify the main thematic areas of smart mobility, which subsequently formed the focus of the work.

Definition of Smart Mobility

Smart mobility refers to an integrated set of technological developments, innovations, business models and public policies aimed at improving the safety, efficiency, flexibility, integration and environmental sustainability of transport systems. Its main applications include intelligent transport systems, transport digitalisation, low-emission vehicles, public transport and shared mobility, cycling and walking, transport demand management and integrated urban planning.

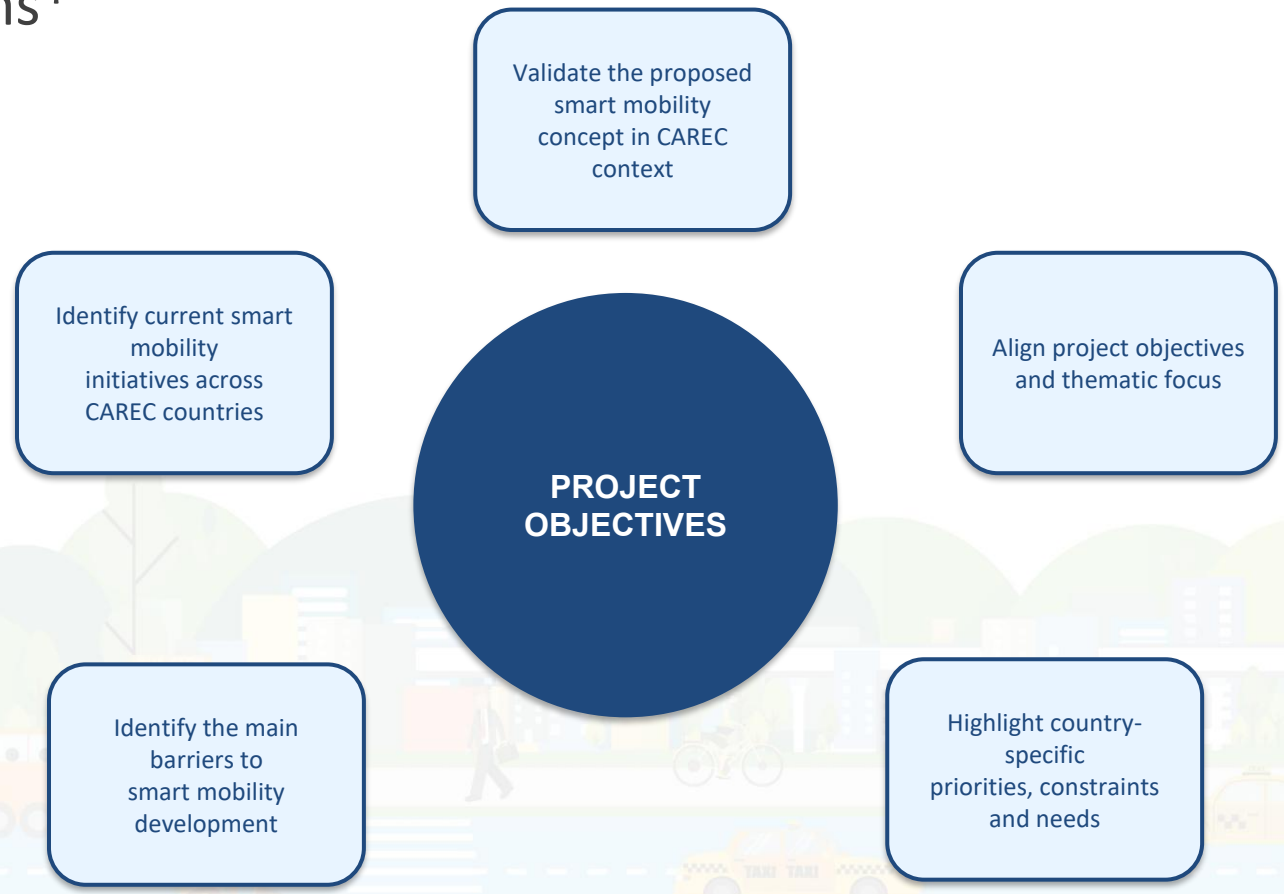
Review Documents of CAREC Area

Programmes, strategies and projects across CAREC countries were analysed to identify existing smart mobility initiatives. These were then mapped against eight broad thematic categories to assess the areas covered in each country.

- Intelligent Transport Systems (ITS) & transport digitalisation
- Transport demand management
- Low-emission vehicles
- Integrated urban planning
- Public transport
- Safety and security
- Shared mobility, cycling and walking
- Freight transport optimisation and smart logistics

Questionnaires and Consultations (on-going)

Online consultations with some CAREC country representatives — priority-rating and open-ended questions*



*For two countries, it has not yet been possible to organize the online consultations. We can arrange them this week or next

Gaps Analysis

1. Systemic integration

Initiatives often remain isolated projects rather than parts of a coordinated mobility system.

2. Territorial scalability

Advanced solutions are concentrated in capitals, major cities and strategic corridors.

3. User-centric solutions

MaaS, real-time information, interoperable ticketing and accessibility tools remain limited.

4. Data interoperability

Transport, logistics and safety data are often fragmented and poorly shared.

5. Governance & coordination

Fragmented responsibilities and weak coordination slow implementation and integration.

6. Implementation capacity

Limited technical skills, finance and project management constrain scaling-up.

7. Demand management

Parking policies, pricing, LEZs and tools to reduce car dependence are still limited.

8. Active & shared mobility

Walking, cycling, micromobility and sharing services remain marginal or poorly integrated.

9. Freight efficiency & sustainability

Border delays, fragmented logistics and limited green freight solutions reduce corridor performance.

WG Work Programme Proposal

1

Data Interoperability & Digital Standards

Shared data, common standards, connected systems

2

Active, Shared & Integrated Mobility

Walking, cycling, micromobility and integrated services

3

Smart Mobility Governance

Coordination across institutions and operators

4

User-Centred Public Transport

Accessible, reliable and digital public transport

5

Low-Emission Mobility & E-Mobility

Electrification, charging and cleaner fleets

6

Smart & Sustainable Freight Transport

Efficient corridors, logistics and green freight

7

Smart Mobility for Secondary Cities, Rural & Non-Central Areas

Scalable solutions for wider territorial access

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Thank You!

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