

16th Regional EST Forum in Asia
Sustainable Urban Mobility Solution-Empowering Cities
Towards Low Carbon Pathways
Manila, 10-12 December 2024

Supporting Sustainable Transport Development in Asia and the Pacific

(Session 10: International Partners' Initiatives)

Madan B. Regmi, D. Eng.
Transport Division
UNESCAP, Bangkok

ESCAP at a Glance

One of the five regional commissions of the United Nations



53

MEMBER STATES

9

ASSOCIATE MEMBERS

40%

WORLD LAND AREA

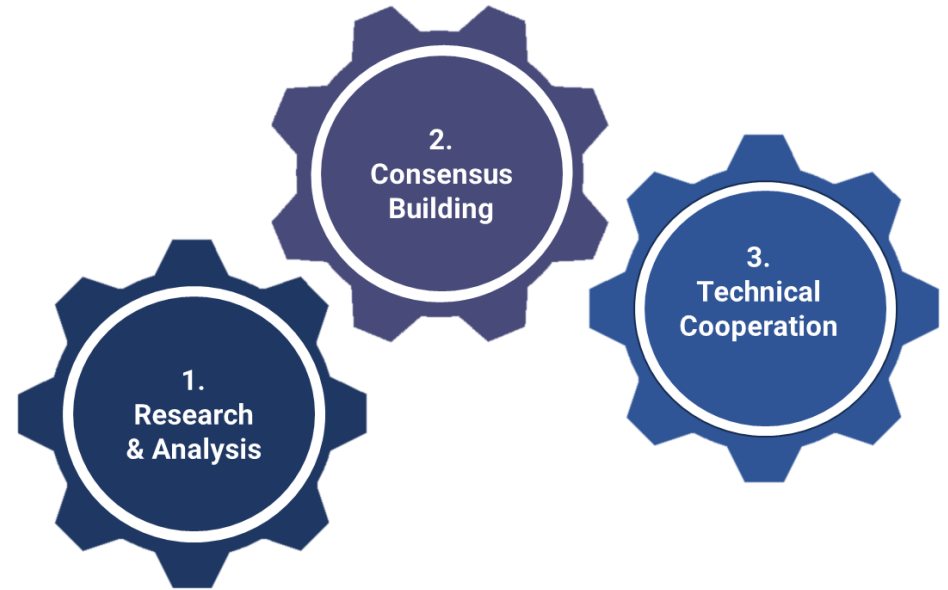
60%

WORLD POPULATION



UNESCAP

- **Most inclusive intergovernmental platform in the Asia-Pacific region**
- **Supports inclusive, resilient and sustainable development in the region by generating action-oriented knowledge**
- **Providing technical assistance and capacity-building services in support of national development objectives, regional agreement**
- **Implementation of the 2030 Agenda for Sustainable Development, SDGs, Paris Agreement**



Annual Commission- Every year
APFSD- Every Year
Committee on Transport- 2 years
Ministerial Conference on Transport-5 years

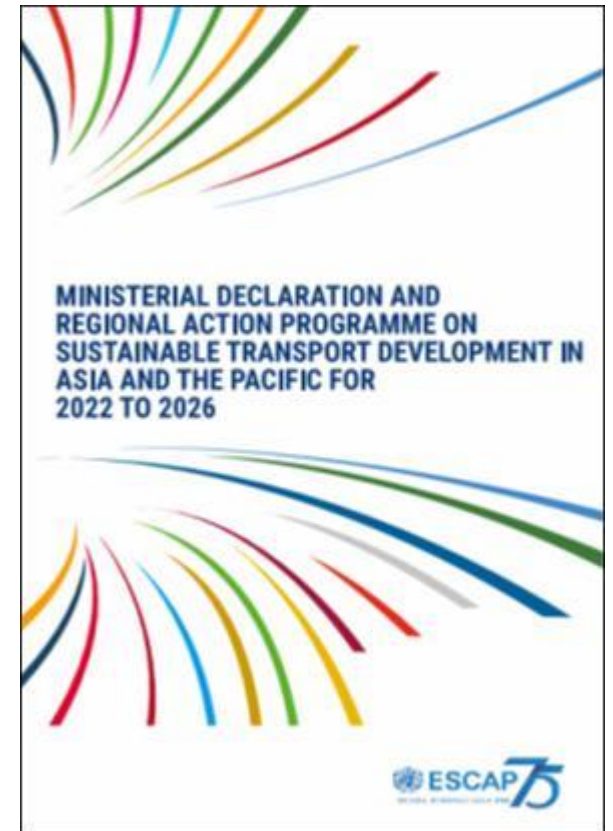
Transport: Objective & Focus Areas

The three overarching objectives:

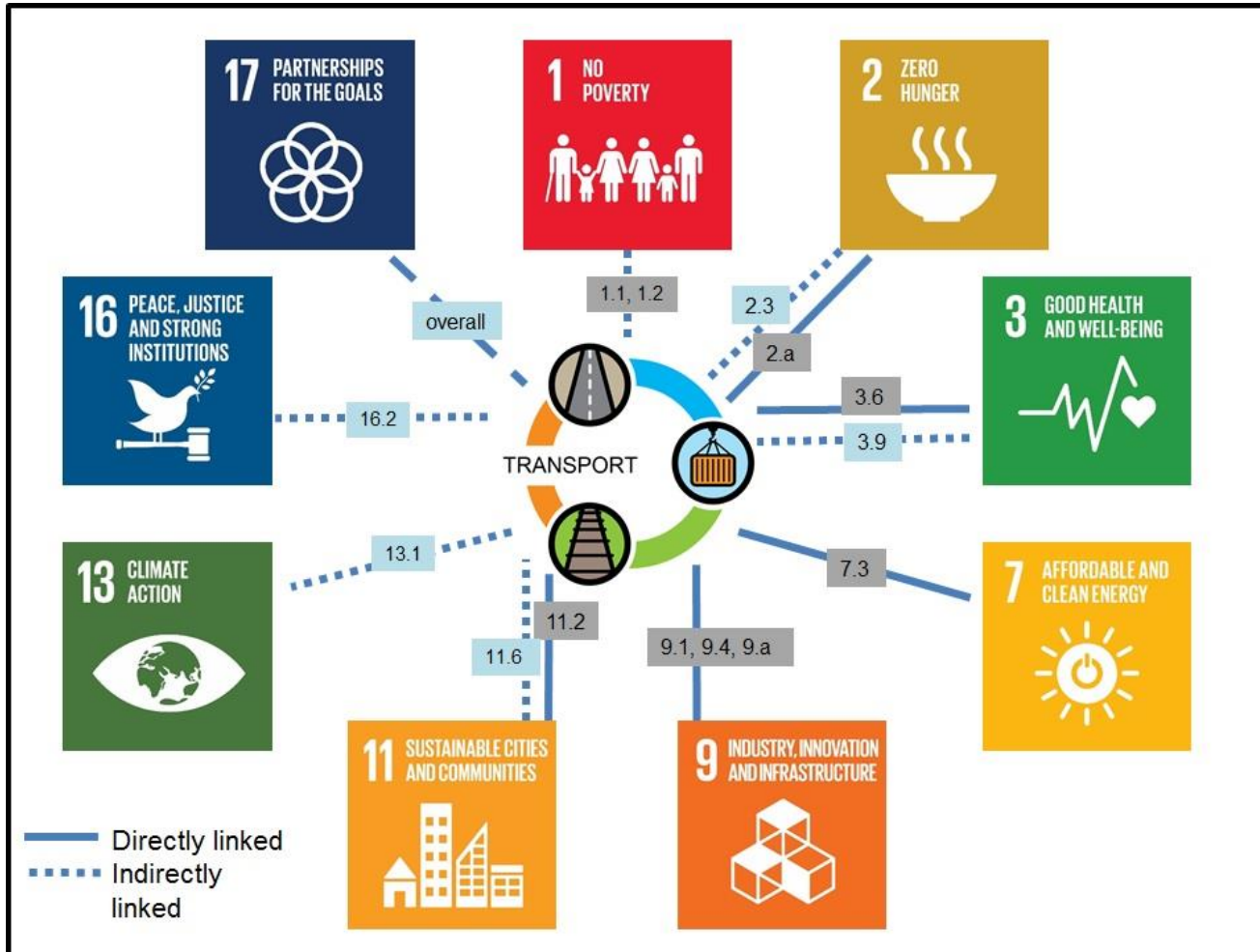
- **Efficient and resilient transport and logistics network and mobility for economic growth**
- **Environmentally sustainable transport systems and services.**
- **Safe and inclusive transport and mobility.**

7 Thematic Focus Areas

- **Regional land transport connectivity and logistics;**
- **Maritime and interregional transport connectivity;**
- **Digitalization of transport;**
- **Low carbon mobility and logistics;**
- **Urban transport;**
- **Road safety;**
- **Inclusive transport and mobility.**



Transport, SDGs and the the Paris Agreement



Global, Regional, National Process

Review of SDGs Progress

- High Level Political Forum- New York
- Asia-Pacific Forum on Sustainable Development- Bangkok
- Voluntary National Review

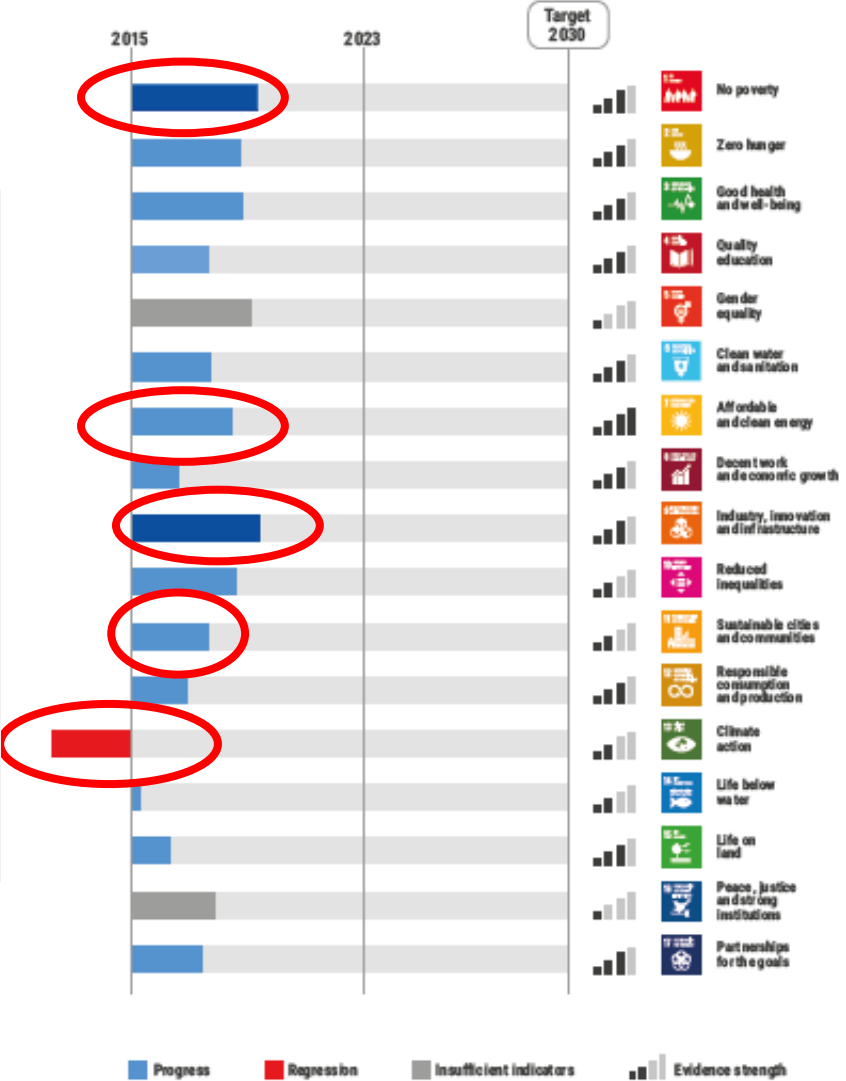
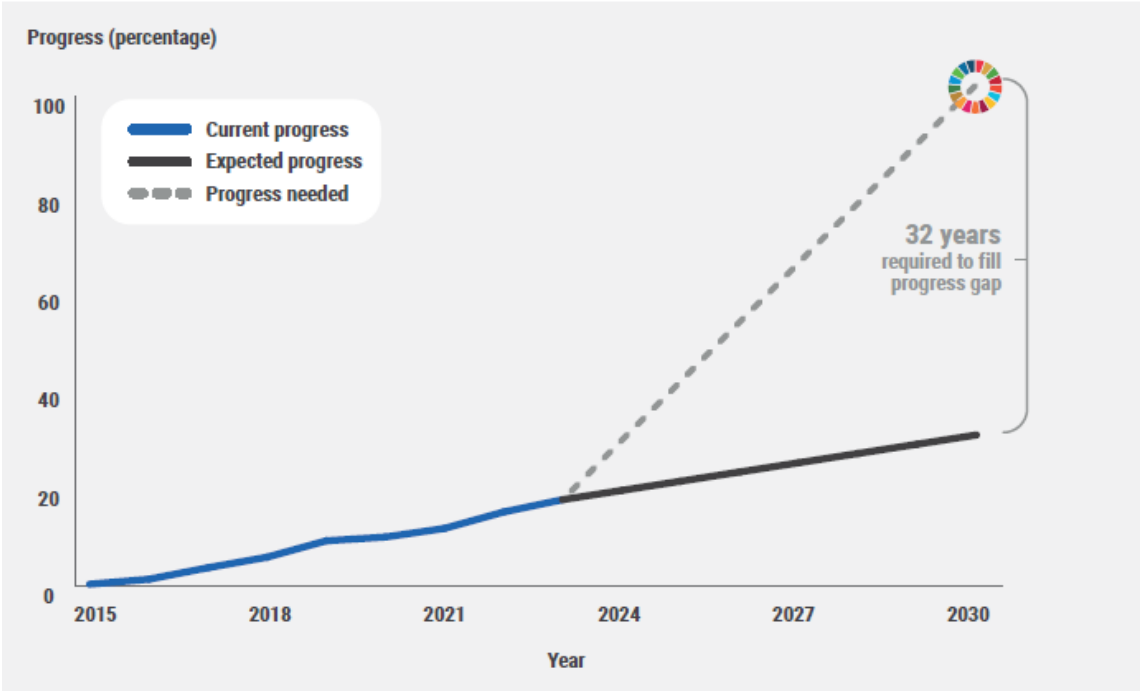
Paris Agreement: limit growth of temp <math><1.5^{\circ}\text{C}</math>

- Accelerated GHG reduction
- Transition to EV
- Shift to renewable energy

UNFCCC- COP28, COP29

- Unconditional & Conditional Targets
- Moving away from fossil fuels
- Funding -300 billion/year

SDGs Progress: Asia-Pacific



1. Reduce Poverty

7. Energy

9. Infrastructure

11. Cities

13. Climate Change

Source: ESCAP, SDG REPORT 2024

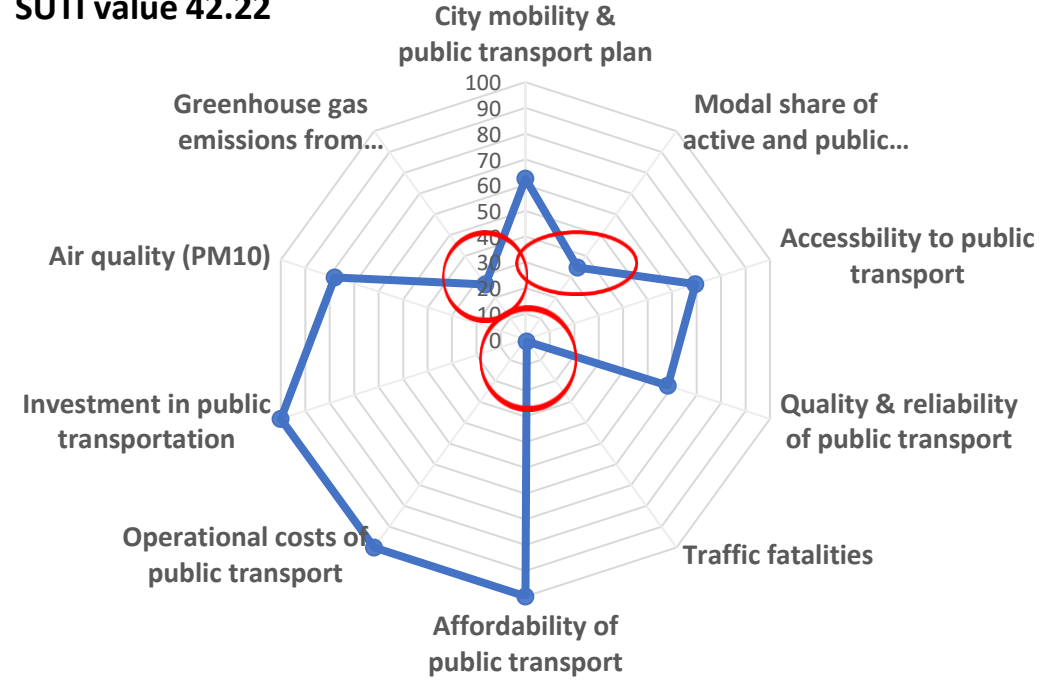
Committee on Transport, Bangkok, Nov. 24

- Cooperate for implementation of the Regional Action Programme
- Collaborate to facilitate regional and interregional **transport connectivity and sustainability**;
- Collaborate to **address the connectivity needs of LDCs, LLDCs and SIDS**,
- Wider deployment of **sustainable smart transport systems** in Asia and the Pacific and development and implementation of the **roadmap, smart transport policy & strategies**;
- Transition to **low-carbon mobility and logistics** in Asia and the Pacific;
- Guidance on **inclusive transport developed** and promote **innovations in urban transport systems**;
- Scale up efforts to **improve road safety &** funding from UN Road Safety Fund
- New areas: **Transport Cybersecurity**

Measuring Sustainability of Urban Mobility- SUTI

No	Indicators	Measurement units	Weights	Range	
				MIN	MAX
1	Extent to which transport plans cover public transport, intermodal facilities and infrastructure for active modes	0 - 16 scale	0.1	0	16
2	Modal share of active and public transport in commuting	Trips/mode share	0.1	10	90
3	Convenient access to public transport service	% of population	0.1	20	100
4	Public transport quality and reliability	% satisfied	0.1	30	95
5	Traffic fatalities per 100,000 inhabitants	No of fatalities	0.1	10	0
6	Affordability – travel costs as part of income	% of income	0.1	35	3.5
7	Operational costs of the public transport system	Cost recovery ratio	0.1	22	100
8	Investment in public transportation systems	% of total investment	0.1	0	50
9	Air quality (pm10)	µg/m3	0.1	150	10
10	Greenhouse gas emissions from transport	CO2 Eq. Tons	0.1	2.75	0
SUM			1.00		

Bangkok (2020)
SUTI value 42.22



SUTI+
Inclusive Indicators-Pacific

Transition to Electric Mobility in Public Transport

Accelerating Transition to Electric Mobility in Public Transport:

- Nepal, Lao PDR, Cambodia, Fiji, Georgia, Thailand,
- Growing interest of countries on EV: CECP- II
 - Mongolia
 - Tajikistan
 - Philippines
 - Sri Lanka
- Targets for Phasing out ICE/registration
- ASESN EV Accelerator Programme (2025)
- **Regional Cooperation Mechanism on Low Carbon Transport**

<https://www.unescap.org/projects/asia-pacific-initiative-on-electric-mobility>

• COP29 in Azerbaijan



ASIA-PACIFIC INITIATIVE ON ELECTRIC MOBILITY



- Policy support
- Knowledge sharing
- EV Ecosystem
- Collaboration: EV stakeholders
- Private & Public

China- 100% electric public transport

- Guangzhou
- Shenzhen
- Xi'an



ASIA-PACIFIC INITIATIVE ON ELECTRIC MOBILITY

ELECTRIC MOBILITY IN PUBLIC TRANSPORT
A Guidebook for Asia-Pacific Countries



Maritime and Inland Waterways

- ❑ **Regional dialogue** on sustainable and resilient maritime connectivity, **green shipping and inland waterways (safety, safe design, routes)**
- ❑ Assisting **Small Island Developing States** in meeting transport challenges and strengthening resilience
- ❑ **Digitalization of maritime transport:** smart port reforms and application of emerging technologies
- ❑ **Decarbonization and green shipping and Capacity Building**



Road Safety

- UN's Decade of Action for Road Safety
- Several Projects Supported by UNRSF
- Driver's Training
- UN Road Safety Conventions
- Two-Three Wheelers
- Helmet Standards
- Speed Management
- Institutional Support

STRENGTHENING SPEED MANAGEMENT IN THE PHILIPPINES

COUNTRY	AREA OF IMPACT	PROJECT DATES	PROJECT STATUS	Budget
 The Philippines	Safe Roads	01 Jun 2019 - 30 Sep 2020	Completed	\$198,546

PROJECT OBJECTIVES

- 01** Contribute to reductions in speed related road crashes and their severity levels in the Philippines by improving road user behavior.
- 02** Provide best practice speed enforcement training via train the trainer.
- 03** Enhance capacity of a core group of national level police to train relevant enforcement officers at local transportation offices.
- 04** Institutionalize best practice speed enforcement operations among enforcement agencies in the Philippines.



↑ IN THE PHILIPPINES EXCESSIVE AND INAPPROPRIATE SPEED IS ONE OF THE MAIN CAUSES OF TRAFFIC FATALITIES AND INJURIES

PROJECT OUTCOME

- 01** Establish and build the capacities of a core group of law enforcement personnel from different agencies who will provide practical speed enforcement training at the district level.

The project, finalized in September 2020, realized significant impact with more than 170 speed enforcers trained in best practice speed enforcement, high-level officials supported in developing

speed enforcement plans, and more than 75,000 people engaged through social media on the importance of appropriate speeds.

↓ TIMELINE OF MAJOR ACTIVITIES

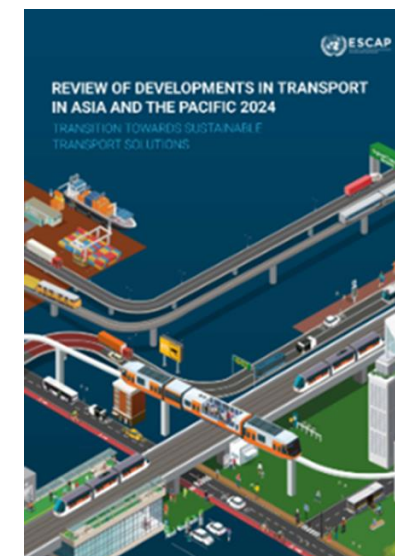


LIST OF PARTNERS



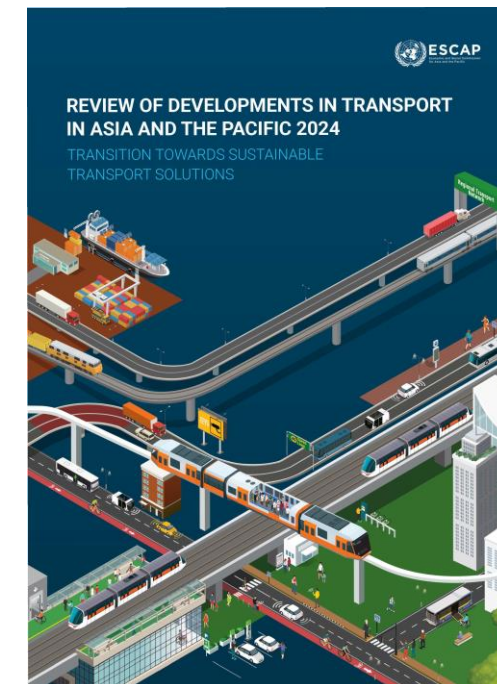
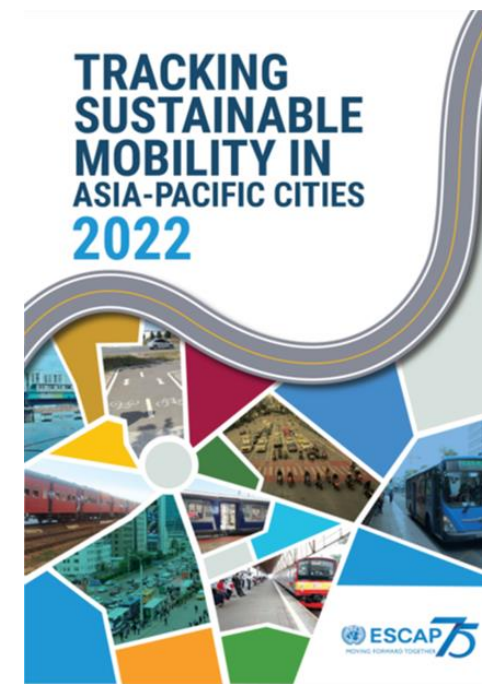
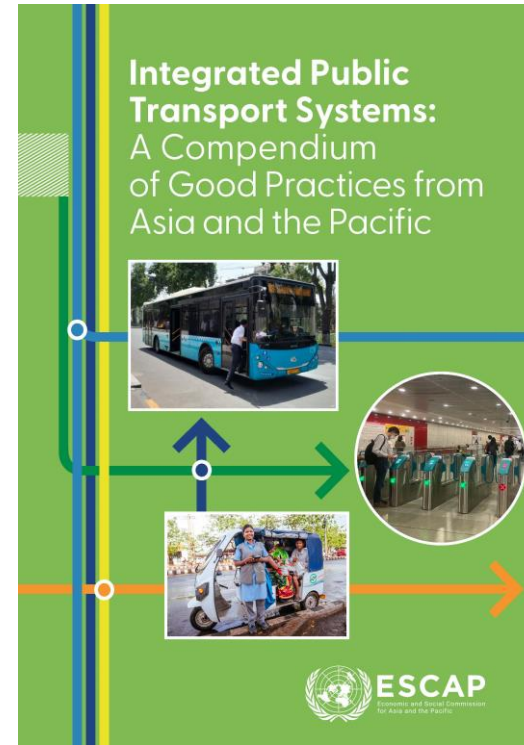
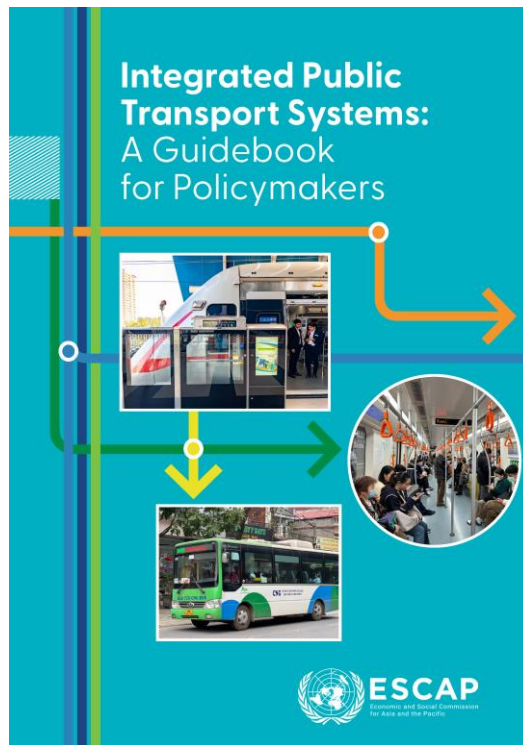
Future Events

- ESCAP Ministerial Conference on Transport, 2026
- Planning for next programme cycle 5 year (RAP)
- Technical Support through RPTC
- UN Decade on Sustainable Transport (DESA)



Discussion Points on Development Initiatives

- **Bridge the Gap Between Policy, Planning and Implementation**
- **Encourage Evidence-Based Decisions/Planning - Data**
- **Improve Coordination Public & Private, Level of Governments and Sectors**
- **Mobilize Climate and Green Funds- How to Access?**
- **Improve Project Formulation & Management (Delay, Reports, Implementation)**
- **Initiate Market Led Approaches and Change in User's Behaviours**
- **Diffuse Technologies and Innovations**
- **Need a New Development Cooperation Paradigm? Review Appraisal Methods**
- **Mobilize Support from UN and Development Partners**



Thank You
regmi.unescap@un.org

<https://www.unescap.org/kp/2024/review-developments-transport-asia-and-pacific-2024-transition-towards-sustainable>

<https://www.unescap.org/our-work/transport/suti>

<https://www.unescap.org/projects/asia-pacific-initiative-on-electric-mobility/national-policy-frameworks>

<https://www.unescap.org/kp/2022/tracking-sustainable-mobility-asia-pacific-cities-2022>