

# Rethinking Mobility for Sustainability, Safety and Inclusion – 17 May



[www.unitar.org/roadsafety](http://www.unitar.org/roadsafety)



# Characteristics of Future Mobility

## - Sustainability

- Safety
- Inclusion



**“A code red for humanity”**



- ▶ If warming surpasses, 1.5 °C, the irreversible harms will be caused, i.e., extreme weather, sinking land
- ▶ Between 2030 and 2035, we are likely to reach 1.5°C due to GHG emissions
- ▶ To prevent passing over the 1.5°C limit, greenhouse gas emissions need to be reduced by at least 43% by 2030 compared to 2019 levels, and at least 60% by 2035.

(IPCC, 2023)

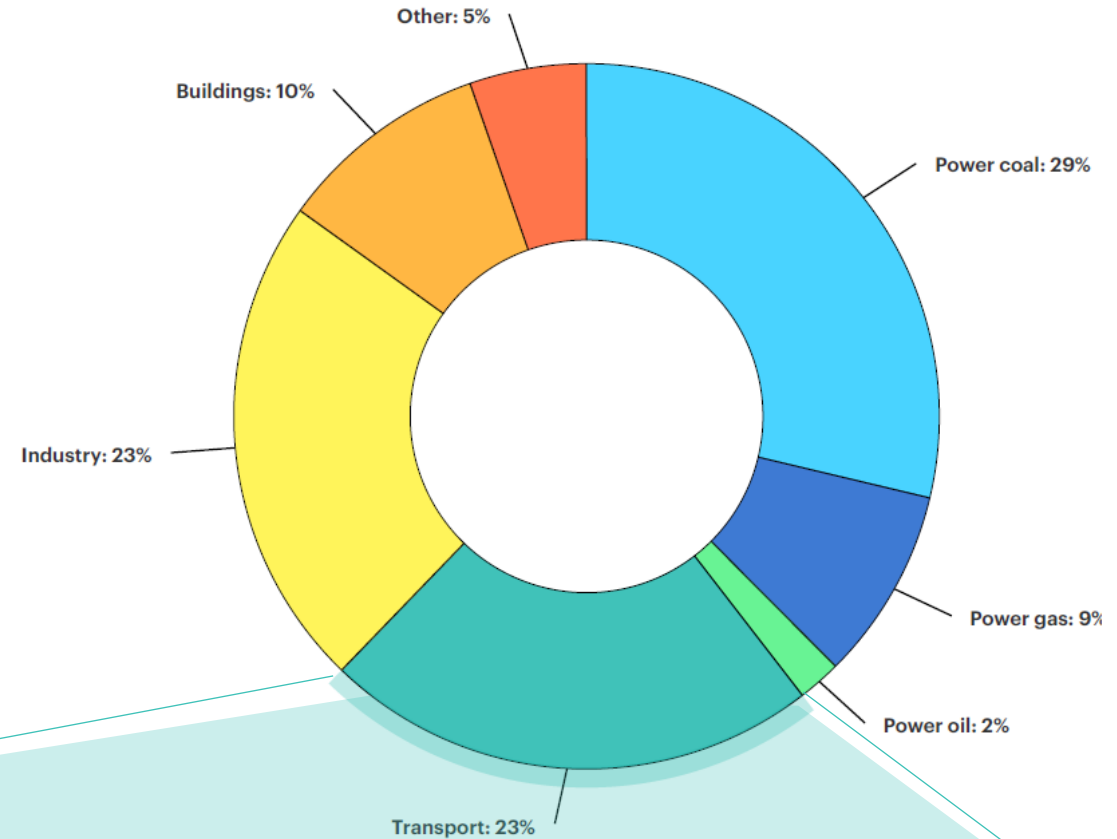
(World Economic Forum, 2023)



# Characteristics of Future Mobility

- Sustainability
- Safety
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Global energy-related CO2 emissions by sector  
By IEA (2022.10.26)



The transport sector contributes **23%~25%** of the total global emission. (IEA, 2022)

Over **95%** of the energy consumed in this sector still comes from fossil fuels (United Nations Sustainable Transport Conference Fact Sheet, 2021)



# 2023 Capacity-Building Workshop

A Pathway towards Decarbonized and Cleaner Mobility in Asia and the Pacific: Starting from the region's key priorities

Co-hosted by UNITAR CIFAL JEJU & ICLEI – Local Governments for Sustainability

**14** Asian Pacific Government Officials invited on-site  
**147** local government officials, representatives of civic groups and private sectors, and leading research institutes invited online

## 3 DAY PROGRAMME



### DAY 1 (2 MAY)

#### Discovery & Group Activity Module

Jeju International Peace Center

Keynote Lecture on the priorities of the Asia and the Pacific Region  
Project development methodologies  
Introduction to Group Activities



### DAY 2 (3 MAY)

#### Lecture Module 1-5

10th International Electric Vehicle Expo  
Policy Conference (Hybrid)

E-Mobility Policy in APEC  
Urban Planning (TOD, BRT, etc.)  
Financial Mechanisms  
Seoul City Case  
Low-carbon Mobility Technologies



### DAY 3 (4 MAY)

#### Group Activity Module

Jeju International Peace Center

Group Activity  
Participants' presentations  
& Experts' consultations

**UNITAR CIFAL JEJU & ICLEI 2023 CAPACITY-BUILDING WEBINAR**  
A PATHWAY TOWARDS DECARBONIZED AND CLEANER MOBILITY IN ASIA AND THE PACIFIC: Starting from the region's key priorities

**IEVE**  
모빌리티 혁신과 에너지 전환을 위한 달력한 여정



엑스포  
3. 5. 2(화) ~ 5. 5(금)  
JEJU 국제관광단지 일원

제10회 국제전기자동차 엑스포  
THE 10th INTERNATIONAL ELECTRIC VEHICLE EXPO

### Opening Remarks

Mr. Byung Hwa CHUNG  
Director of UNITAR CIFAL JEJU

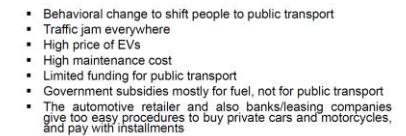
THE 10th INTERNATIONAL ELECTRIC VEHICLE EXPO



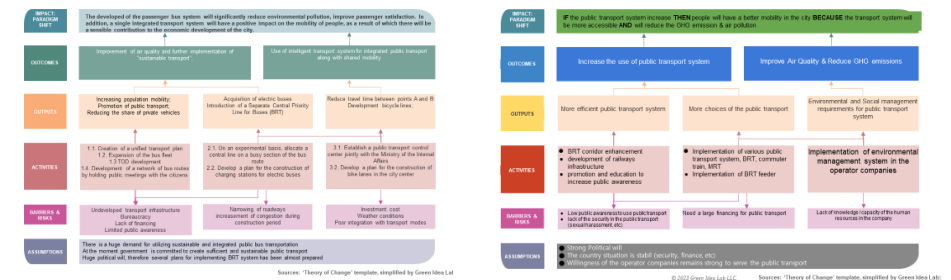
# A Pathway towards Decarbonized and Cleaner Mobility in Asia and the Pacific: Starting from the region's key priorities

## 8 Projects for the implementation of sustainable transport developed

## Inconsiderate Urban Planning



# Transit-Oriented Development Urban Planning



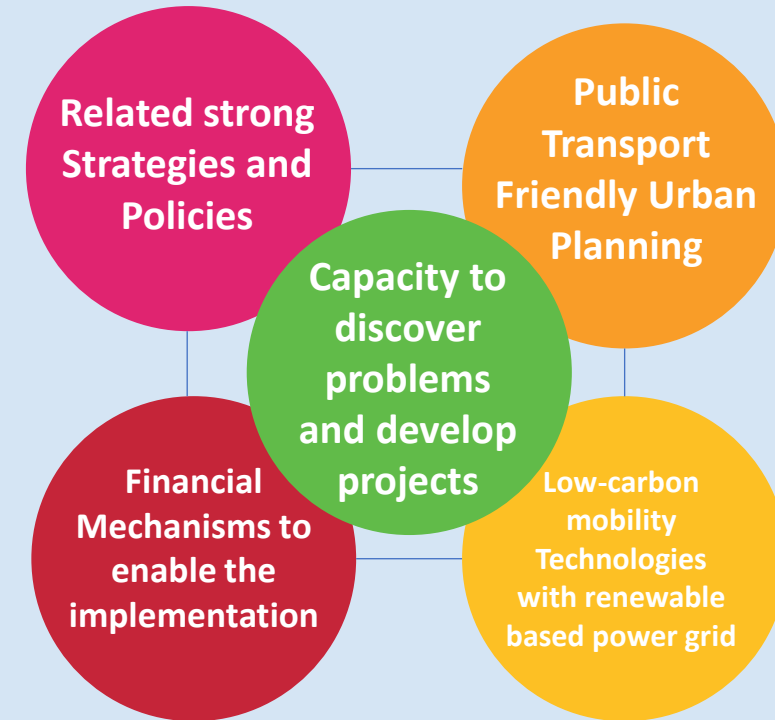


# Comprehensive Approach is needed

for the dissemination of sustainable transport



## Possible Comprehensive Approach



\*Consulted with sustainable transport professionals



# Targeted & Tailored Approach is needed for each country in the Asia and the Pacific region

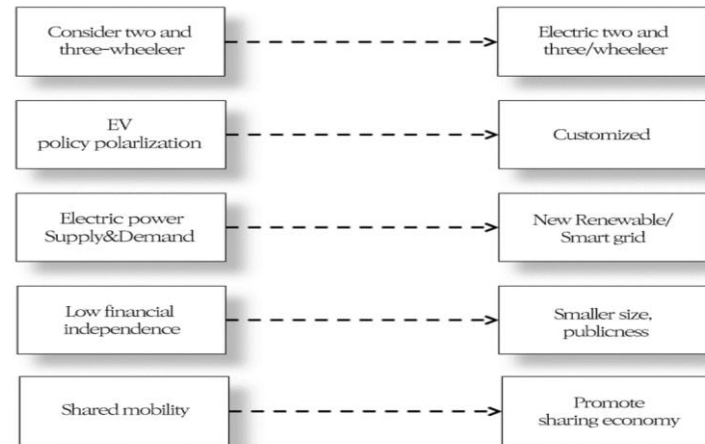
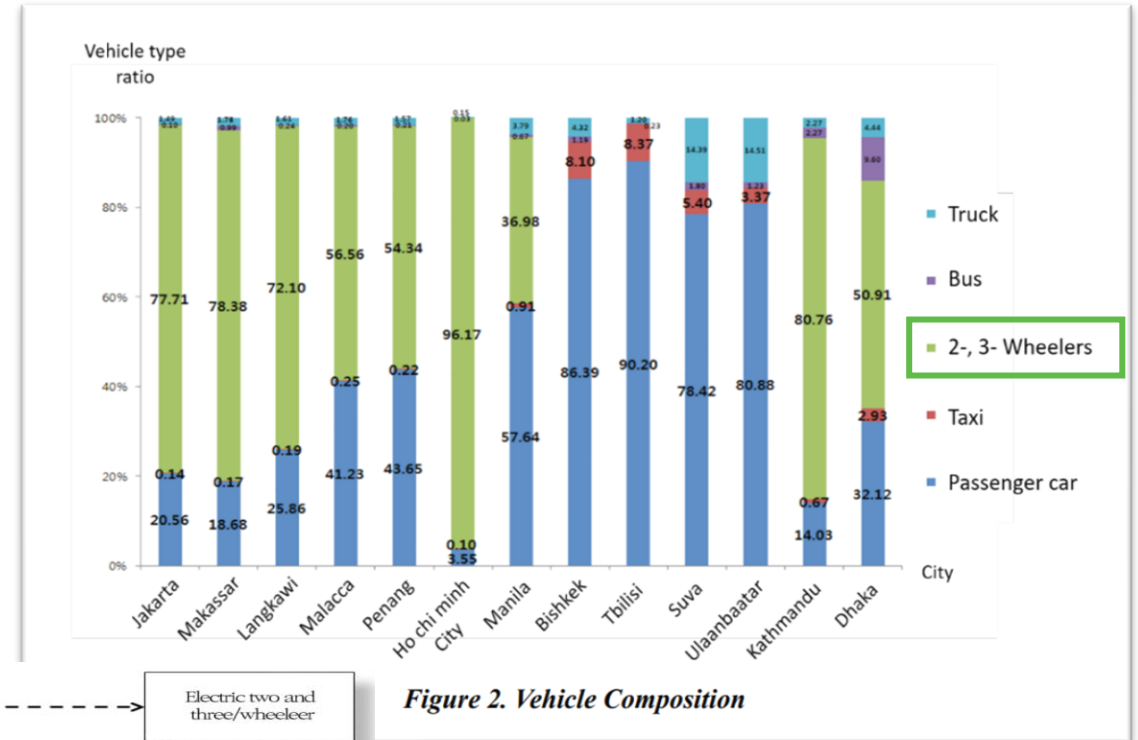


Figure 14. E-Mobility Policy Strategy for Asian Developing Countries

Reference: 'What E-Mobility Options Are Effective in Asian Developing Countries? (Hun-Ki Lee, 2021)

Thank you



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[unroadsafetyweek.org](http://unroadsafetyweek.org)