ADB’s Work in Sustainable Mobility

15 November 2023
Progress in ADB’s Support to Sustainable Mobility


• Transport Sector Directional Guide (2023) to enhance targets through the Strategy 2030, identifies the emerging challenges:

  - The need for differentiated approaches to respond to the broad range of development needs.
  - Shift under and post Covid-19 pandemic scenario
  - Increasing risks from climate change
Asian Transport Outlook (ATO)
for data & evidence driven planning and formulation of policies, programs and projects

### Dimensions
- Infrastructure
- Activity & Services
- Access & Connectivity
- Air Pollution
- Road Safety
- Climate Change
- Economic Impact

### Scope
- Regional
- National
- Rural
- Urban
- Project

### Insights
- Data
- Policy
- Institutional
- Financing
- Outlook (2030/2050)

### Products
- National Database
- Urban Database
- Policy Tracker (1000+ docs. in the repository)
- Cost Database (1000+ projects)
- Others - COVID Transport Database, ADB Portfolio
- Knowledge Products & Tracking Reports
- Country Profiles & E-mobility Profiles

### Support
- Tracking Global Agreements on Sustainable Development and Climate Change, Regional Aichi 2030 Declaration
- Support Transport Policy Making in Asia
- Support the planning and delivery of Transport related assistance by the ADB & AIIB

- Initiated by ADB in 2021.
- Covering 51 economies; 460 urban centers
- 373 national indicators; 180 urban indicators.
ATO Interface for Better Access

Developed to improve accessibility of data and knowledge products. Includes:

- ATO National Database
- ATO National Transport Policy Documents Database
- ATO Urban Database
- ATO Cost Database
- ATO Tracking Reports and Knowledge Products
- ATO Regional/Country/City Profiles

https://asiantransportoutlook.com/
ATO Interface for Better Access
ATO Function
– Creating Country Profile and Making Policy Analysis

At the country level (e.g. Malaysia)

**Top 10 priorities before 2015**

- Public transport improvement
- Transport demand management
- Land use
- Transport user education
- Freight and logistics improvement

**Top 10 priorities 2015 and onwards**

- Electrification
- Public transport improvement
- Land use
- Vehicle improvement
- LPG, CNG, LNG, and biofuels
ATO Function - Data Validation

Road Length (Million km)

Road crash fatality rate in Asia-Pacific, 2016

High Income
Upper Middle Income
Lower Middle & Low Income
Using traditional surveys
Using Smart data

Deaths per 100,000 population

WHO
GBD
Reported

Afghanistan
Armenia
Australia
Azerbaijan
Bangladesh
Bhutan
Cambodia
People’s Republic of China
Cook Islands
Fiji
Georgia
India
Indonesia
Japan
Kazakhstan
Kiribati
Kyrgyz Republic
Lao People’s Democratic Republic
Macao
Malaysia
 Marshall Islands
Mongolia
Myanmar
Nepal
Pakistan
Papua New Guinea
Philippines
Republic of Korea
Samoa
Solomon Islands
Sri Lanka
Tajikistan
Thailand
Timor-Leste
Tokelau
Turkmenistan
Uzbekistan
Vanuatu
Viet Nam
Iran (Islamic Republic of)
Russian Federation

IRF (2018)
IRF (2020)
GRIP (2018)
ReCAP et al (2019)
Chris et al. (2027)
EE Koks et al. (2019)
Nirandjan, et al. (2021)

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Using traditional surveys
Using Smart data

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Using traditional surveys
Using Smart data
ATO Function
- Facilitating benchmarking of countries

Expected annual damages to road, rail, and port infrastructure due to hazards as a share of GDP

2 and 3 Wheeler Motorization Index

LDV Motorization Index
Regional E-Mobility Platform

for building capacity of, and network among, EV practitioners, and develop investment pipeline

- Established in June 2023.
- Comprised of representatives from DMCs, ADB staff, and private sector participants.
- Initially also including partner projects funded by the Global Environment Facility and SolutionsPlus.
- Quarterly community get-together.
Training Snapshot

Technical Webinars
- Bi-weekly series in which industry experts will deliver these half an hour webinars.

Trainings
- Trainings in collaboration with the E-mobility community members.
- E-mobility support and investment platform in Asia and the Pacific – November 2023 (Seoul, South Korea).
- E-bus training – September 2023 (Kuala Lumpur, Malaysia)
How to join the platform

How to join the platform

Some basic house rules

• Members are requested to register using the survey link
  (https://www.smartsurvey.co.uk/s/e-mobility-asia)

• Engaging with the community members should be via ADB contact persons Pamela Chiang (apchiang@adb.org) and Johanna Zilliacus (jzilliacus.consultant@adb.org)

• Please fill in platform survey for joining community

https://www.smartsurvey.co.uk/s/e-mobility-asia/
THANK YOU!