



The Asian Transport Outlook (ATO)

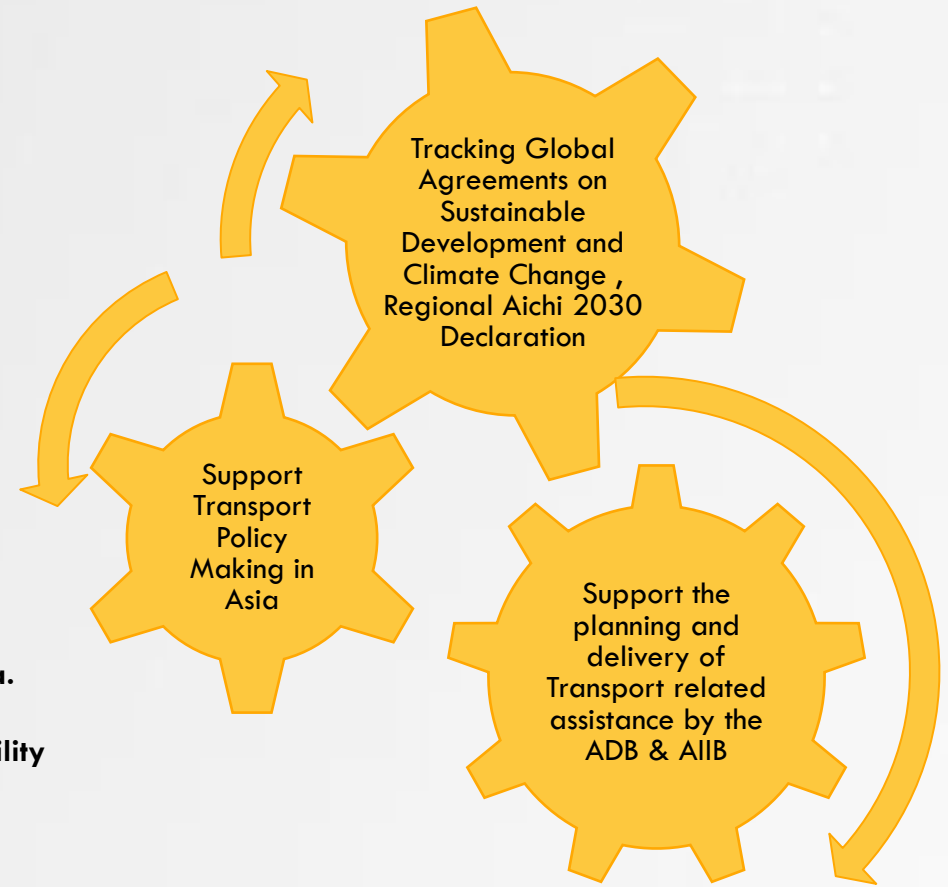
"Where transport data becomes Policy and Investment Solutions"

July 2024

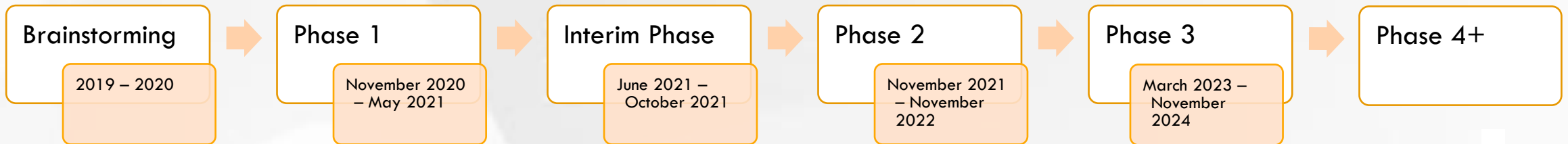
Evolution of the Asian Transport Outlook (ATO)



- 51** Economies (ADB Members + Russia and Iran)
- 460** Urban Centers (412 Asia-Pacific, 48 International)
- 46** Urban Centers with a detailed review * To be increased to 50



The Asian Transport Outlook (ATO) is an ADB-led initiative promoting sustainable transport in Asia. With comprehensive databases covering national, urban, and project-level data, ATO informs investment and policy decisions. It supports ADB and AIIB in aligning infrastructure with sustainability goals, monitors progress on the Aichi 2030 Declaration, and fosters collaborations with local and international organizations to enhance knowledge and capacity in the transport sector.



Asian Transport Outlook: A Catalyst for Sustainable Road Transport in Asia

536

National indicators of which 45% are Road related

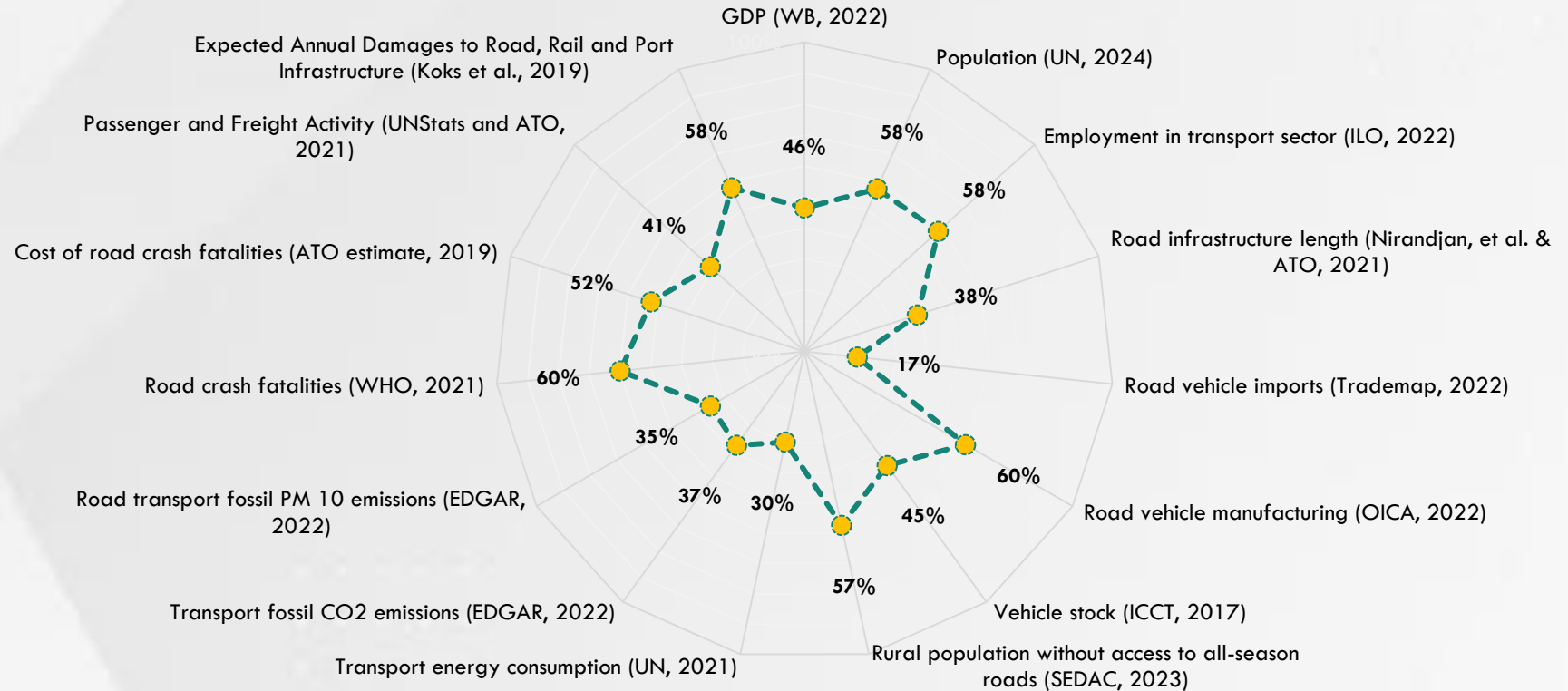
180

Urban indicators of which 30% are Road related

550

National Policy documents identified of which 80% are Road related

ATO Coverage as a Share in Global



Given Asia's significant global economic and demographic impact, representing half of global GDP, population, and transport sector employment, the Asian Transport Outlook (ATO) is indispensable. It offers an unparalleled open-source platform delivering comprehensive transport data and policy insights, monitoring a substantial portion of the global road network and crucial indicators like pollution, emissions, employment, and road crash fatalities. This data is instrumental in tackling major challenges such as rural access gaps and road safety, while also informing sustainable development strategies in the region. Therefore, ATO plays a pivotal role in steering the future of Asia's road transport sector towards a more sustainable, safe, and equitable model.

The Asian Transport Outlook: A Comprehensive Tool for Analyzing and Transforming Asia's Transport Sector

ATO Components ↓	Sustainability	Replicability	Innovation	Impact
Databases National, Urban, Cost	↑↑↑ (sustainability indicators)	↑↑↑ (ease of expansion)	↑↑↑ (one stop shop)	↑↑
Policy Information Repository of policy documents, measures and targets	↑↑↑ (sustainability measures, targets)	↑↑↑ (ease of expansion)	↑↑↑ (first initiative to look beyond NDCs, LTSs)	↑↑↑ (synthesis of data and policy)
Outlook Component 2030, 2050	↑	↑↑↑ (ease of expansion)	↑	↑
Web Interface (Website) Houses Databases, Reports, Profiles, Event updates	↑↑	↑↑	↑↑	↑↑↑ (strong outreach)
Knowledge Products By dimensions, subregions, sector, mode etc.	↑↑	↑↑↑ (modularity of the analytical stories)	↑↑	↑↑
Transport Profiles (National, Urban) Green roads, Rail, Climate, EV, Road Safety	↑↑↑ (Green Roads, EV Profile)	↑↑↑ (defined replicable template of indicators)	↑↑	↑↑↑ (meeting stakeholder needs)
Tracking Reports for International processes SDG reports, COP reports	↑↑↑ (sustainability indicators)	↑↑↑ (defined replicable template of indicators)	↑↑↑ (first subregional tracker)	↑↑↑ (meeting stakeholder needs)
Communities and Partnerships IRF, CAA, SFC, SOTEN etc.	↑↑	↑	↑↑↑ (multi-faceted advisory council)	↑↑↑ (strong outreach, pro-bono support)
Capacity Building Efforts Support to EST processes; ADB, AIIB sector framework	↑↑↑ (supporting EST processes)	↑	↑↑↑ (long term support)	↑↑↑ (unconventional approaches)

Relevance of the ATO Component across dimension

Medium ↑

High ↑↑

Very High ↑↑↑

How the Asian Transport Outlook Drives Sustainability Across the Region?

The Asian Transport Outlook (ATO) empowers sustainable transport in Asia by providing comprehensive data and policy insights aligned with global sustainability goals. As the official monitoring mechanism for the Aichi 2030 Declaration, ATO enables 21 countries to develop targeted strategies, reducing emissions, improving efficiency, and protecting resources. By bridging social, economic, and environmental considerations, ATO ensures strategic investments and policies contribute to a greener future for transportation in Asia.

Databases	↑↑↑
Policy Information	↑↑↑
Outlook Component	↑
Web Interface	↑↑
Knowledge Products	↑↑
Profiles	↑↑↑
Tracking Reports	↑↑↑
Partnerships	↑↑
Capacity Building Efforts	↑↑↑

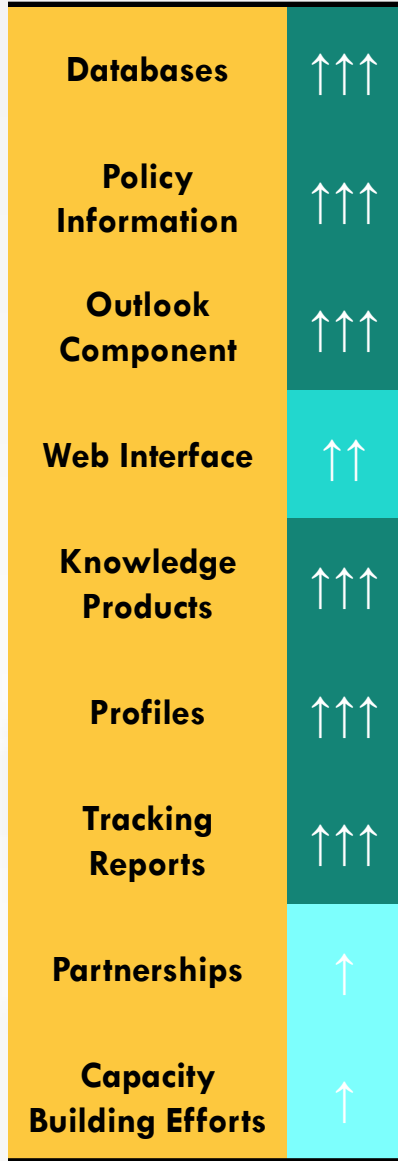
Data Indicators include Sustainable Transport indicators



Policy Information records

Countries covered = 28
Documents analysed = 550
SDG-relevant measures recorded = 5600+
SDG-relevant targets recorded = 600+

Replicable Framework: Asian Transport Outlook Offers Blueprint for Other Regions

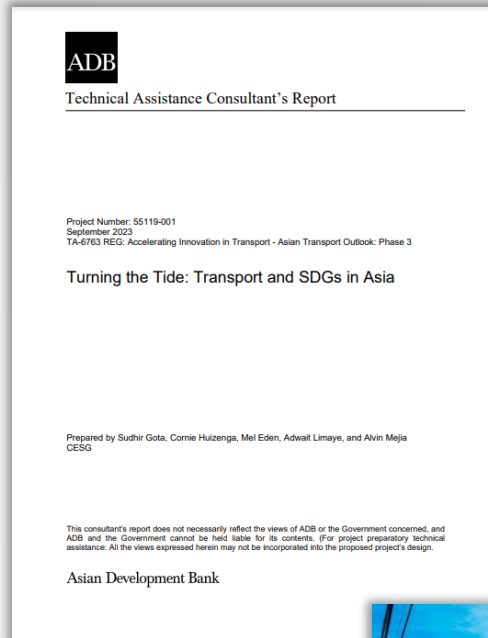


ATO demonstrates high replicability potential through its comprehensive and standardized methodology. ATO offers a readily adaptable framework for data and policy analysis in other regions or sectors. The reporting and profile templates also offer high replicability attributed to its modularity.

Profiles with Partners

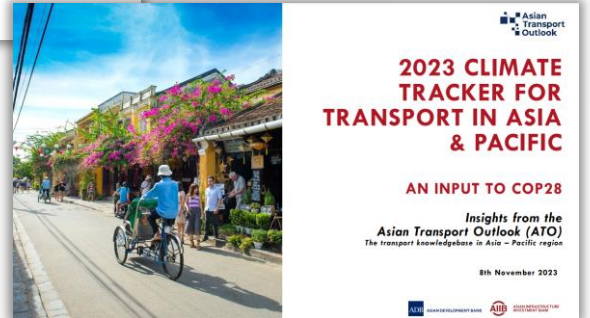


Tracking reports



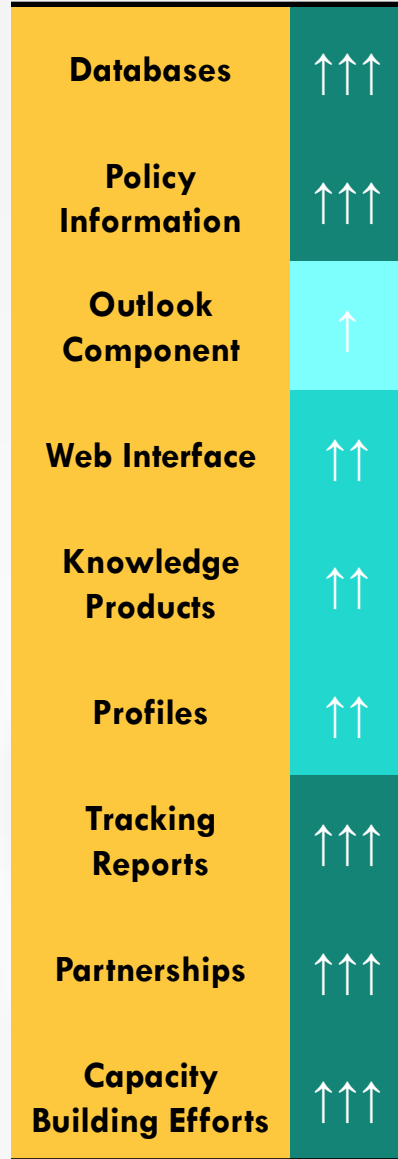
The **SDG Tracker Report** includes data for **51** countries, **30** indicators from **20+** sources

Climate Tracker Report includes data for **51** countries, **20+** indicators from **20+** sources



Asian Transport Outlook: Innovation in Motion

The ATO is a groundbreaking initiative that fosters innovation through collaboration and data-driven insights. By bringing together multidimensional open transport data with relevant policy information, the ATO creates a unique platform for collaboration among stakeholders. This collaborative approach, guided by a diverse Advisory Council of 5 organizations, enables the ATO to generate innovative solutions that address the complex challenges facing the transport sector.

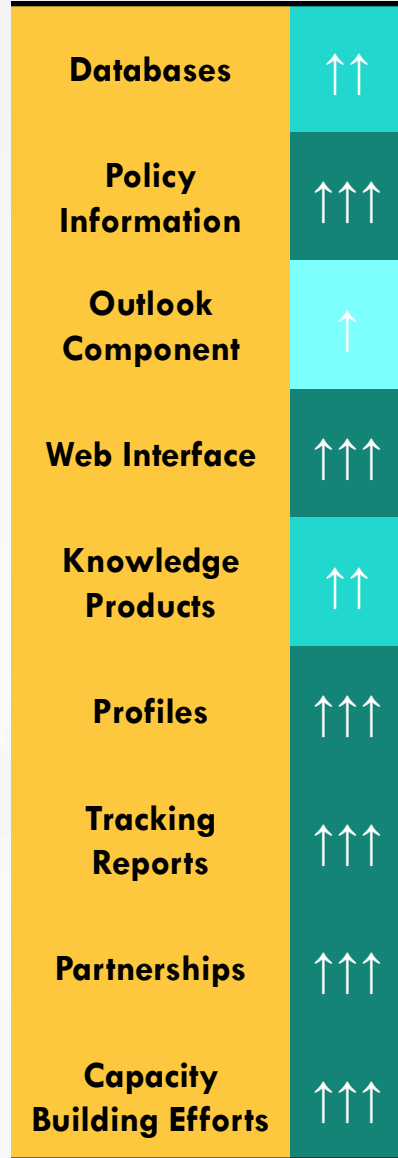


	Energy Efficiency and Climate Change Considerations for On-road Transport in Asia	Sustainable Urban Transport in Asia	Sustainable Fuel Partnership Study	Transport and Carbon Dioxide Emissions: Forecasts, Options Analysis, and Evaluation	Knowledge Partnership on Air Pollution and GHG Data and Indicators for Transport and Energy in Asia	T-MAPPER	Transport DataBank	ITPS Transport Systems in a Low Carbon Society	Sustainable Land Transport Indicators on Energy Efficiency and Greenhouse Gas Emissions in ASEAN	SUM4all	Sustainable Urban Transport Index (SUTI)	Asian Transport Outlook (ATO)
Timeframe	2005-2006	2006-2007	2010-2011	2008-2009	2010-2012	2010	2013-2015	2010-2014	2017-2018	2017+	2016+	2020+
Funded by	ADB, DFID, WB	ADB, SIDA	ADB	ADB	WB, CAAKP	EC	ADB	Nippon Foundation	GIZ	WB	ESCAP	ADB, AIB
Components (Data, Modelling, Policy Data, Capacity)	None	None	None	None	None	Low	Medium	None	Low	Medium	High	High
Source (National, Secondary, Academic)	None	None	None	None	None	None	None	None	None	None	None	None
Dimensions (Infra, Access, GHG, Air Pollution, Road safety, Economic)	Low	Low	None	Low	None	Low	None	None	None	High	None	High
Scope (National, Urban, Projects, ADB DMCs)	None	None	None	None	None	None	None	None	Low	None	None	None
Modes (Road, Rail, Water, Aviation)	Low	Low	Low	Low	Low	High	High	High	None	High	None	High
Stakeholders (MDBs, Policy makers)	None	None	None	None	None	None	High	None	None	High	None	High
Dessimination (Website, Knowledge products, Partnerships)	None	None	None	None	None	None	None	None	None	High	None	High
Tracking Instrument for (MDG/SDG, Bangkok 2020/Aichi Declaration, Paris Agreement, Others)	None	None	None	None	None	None	None	None	Low	Low	Low	High

Relevance: None (orange), Low (yellow), Medium (light blue), High (dark teal)

ATO: A Catalyst for Impact

By addressing historical data gaps and providing comprehensive, accessible information, the ATO empowers stakeholders to make evidence-based decisions that align with sustainability and local development goals. The initiative's open-access platform fosters collaboration and knowledge-sharing, driving innovation and promoting best practices to tackle environmental challenges in road transport. In just one year, the ATO has garnered significant interest, with thousands of website visits and downloads, and established connections with numerous organizations throughout the region.



Web Interface



Website visits



Data downloads

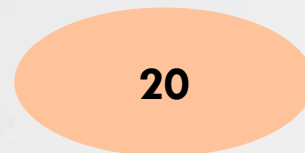


Analytical output downloads

Analytical Outputs



Country Profiles created under 7 categories

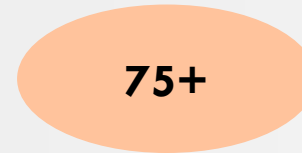


Knowledge Products created

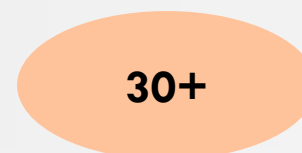


Outputs created for ADB/ AIIB/ country requests

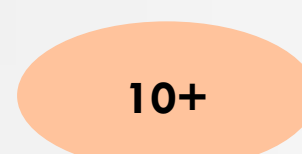
Capacity Building and networking



Presentations made



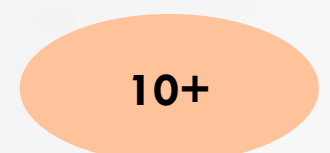
Events, Conferences, Workshops participated in



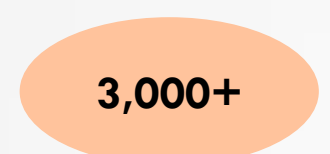
Number of countries presented in



Consultations with organisations



Official Partnerships



Stakeholders connected

ATO Products: A snapshot



SDG Profiles
(39 countries)

Transport Climate Profiles
(23 countries)

Road Safety Profiles
(24 countries)

E-mobility Profiles
(10 countries)

Green Roads Profiles
(23 countries)

Gender Profiles
(20 countries)

ATO translates data into insights, policies, and investments

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