



The Pacific Transport Knowledge Base in the making:

# Asian Transport Observatory (ATO)

Pacific Sub-observatory

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Pacific Region Infrastructure Facility (PRIF), Transport Working Group

March 24, 2026



# Asian Transport Observatory (ATO): A Catalyst for Sustainable Transport in Asia

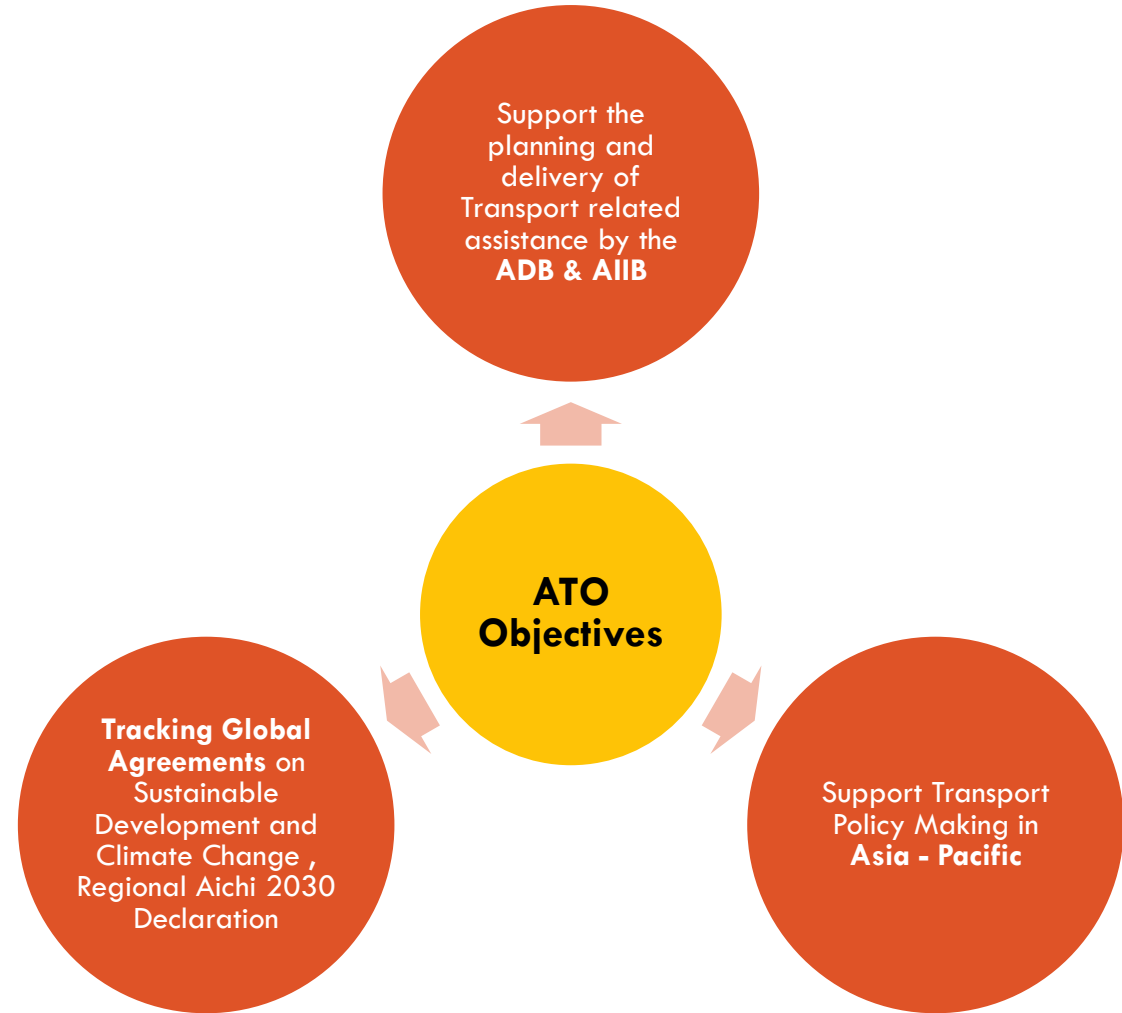
[asiantransportobservatory.org](http://asiantransportobservatory.org)



**52** Economies (ADB Members + Iran and Russia)

**460** Urban Centers (412 Asia-Pacific, 48 Others)

**51** Urban Centers with a detailed review



# ATO Products

**ATO National Database**

Explo

**130+** Unique sources  
**450+** Indicators

**ATO Urban Database**

Explo

**460+** Unique sources  
**230+** Indicators

**ATO National Transport Policies Database**

**1,250+** Processed documents  
**15,600+** Policy measures/ targets

**ATO Cost Database**

Exp

**900+** Projects  
**20+** Categories

**ATO Analytical Outputs**

**25+** Regional and thematic reports  
**170+** Country profiles

**ATO Insights**

Search Insights

**30+** Interactive tools, think-pieces & visualisations

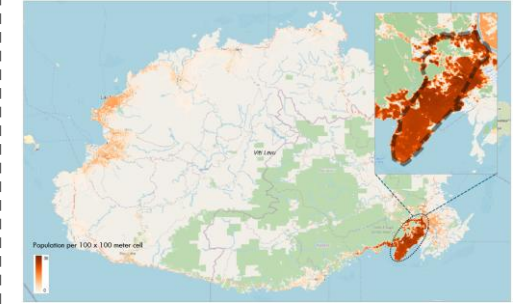
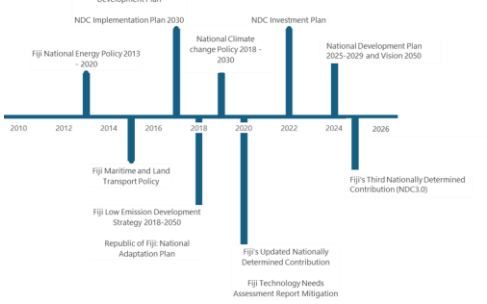
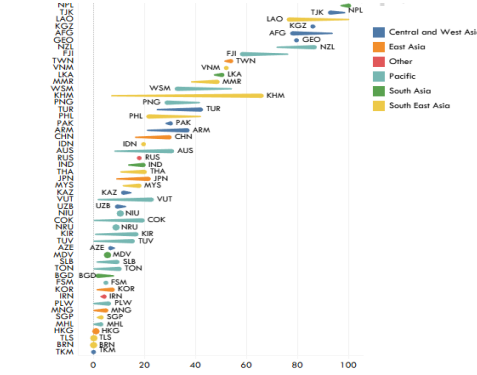
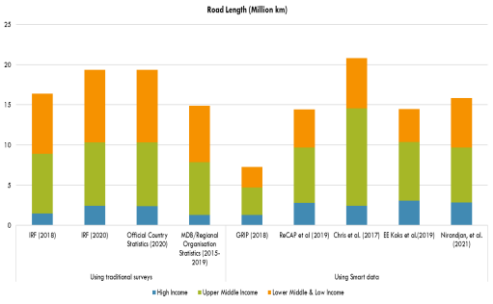
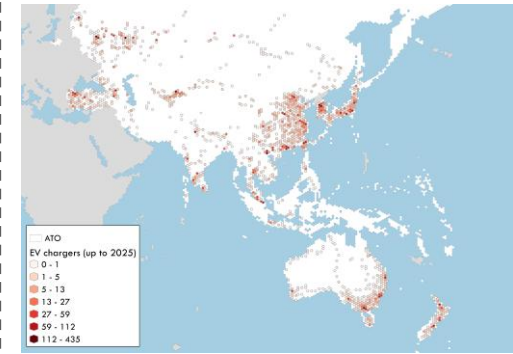
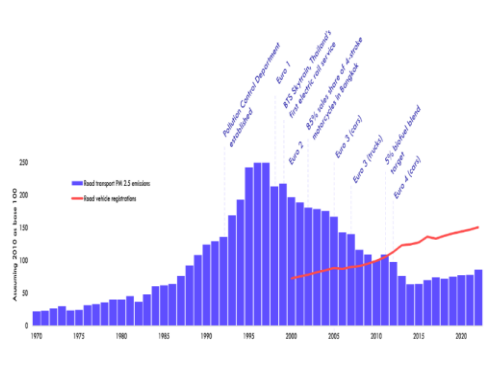
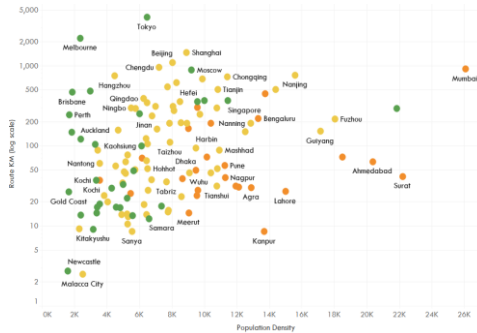
# ATO operational functionalities

**ATO incorporates data validations**

**ATO facilitates National- and Urban-level benchmarking**

**ATO enables systematic assessment of how transport data aligns with policy**

**ATO integrates geospatial analysis**



## ATO across the sector

News, papers, and other works referencing the Asian Transport Observatory



[View list](#)

**>350** reports, journal articles, news articles, multi-media citations in current Phase

# ATO Pacific Transport Observatory

asiantransportobservatory.org/pacific/ *(ready to be made live)*



- Home
- Data
- Analytical Outputs
- Insights
- Countries
- In the Loop

Search Register

## ATO Data Catalog

The data catalog provides access to individual datasets and related materials.

## Databases

The ATO databases consist of datasets that have been harmonized using a common ATO format.

ATO National Database

ATO Urban Database

ATO National Transport Policies Database

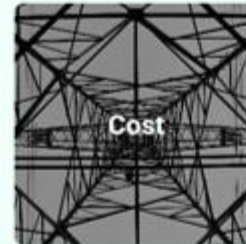
ATO Cost Database

## Knowledge base on transport in the Pacific

A Pacific-focused platform of the Asian Transport Observatory that gathers and shares comprehensive datasets, generate unique policy insights, and delivers novel knowledge products rooted in groundbreaking analysis.



### Explore Databases



### In Focus



# 1) Datasets and Catalogues

- ATO National Database
- ATO Urban Database
- ATO National Transport Policies Database
- ATO Cost Database

The screenshot shows the 'ATO Data Catalog' interface. At the top, there is a navigation bar with the logo and menu items: Home, Data, Analytical Outputs, Insights, Countries, and In the Loop. The main heading is 'ATO Data Catalog'. Below this is a dark blue bar with a search icon and the text 'Latest items'. The main content area is divided into a left sidebar with filters and a right main area with dataset listings.

**Filters:**

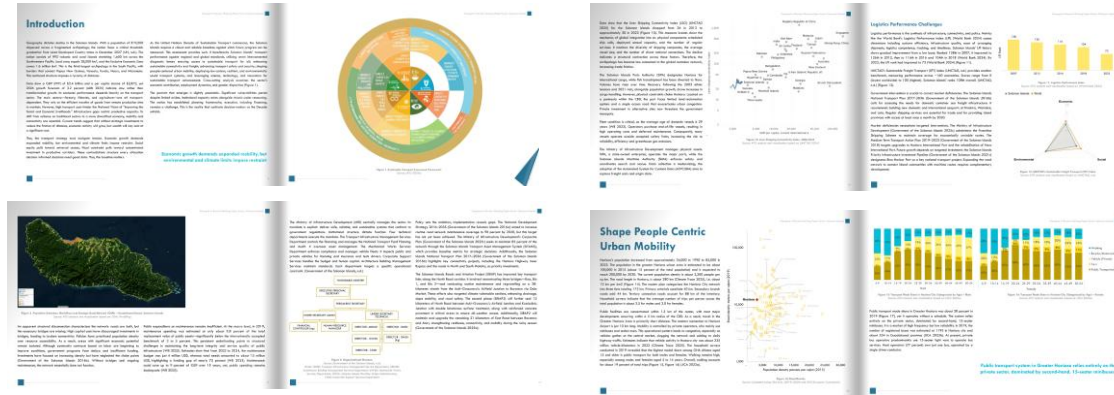
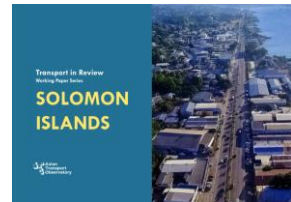
- Databases:**
  - All
  - National Database
  - Urban Database
  - Policy Documents
  - Cost Database
  - Analytical Outputs
  - Unstructured Data
- Thematic:**
  - All
  - Infrastructure
  - Transport Activity & Services
  - Access & Connectivity
  - Road Safety
  - Air Pollution & Health
  - Climate Change
  - Socio-Economic
  - Miscellaneous
- Format:**
  - All
  - XLSX
  - PDF
  - CSV
  - JSON

**Dataset Listings:**






- Number of trucks by province.** (ATO UNSTRUCTURED DATA | FEB. 1, 2026)
- Number of cars/buses by province** (ATO UNSTRUCTURED DATA | FEB. 1, 2026)
- Total Arrivals to the Solomon Islands by Purpose of Travel by Sex** (ATO UNSTRUCTURED DATA | JAN. 30, 2026)
- Transport in Review Solomon Islands 2026** (ATO ANALYTICAL OUTPUT | JAN. 23, 2026)
- Transport in Review Kiribati 2026** (ATO ANALYTICAL OUTPUT | JAN. 23, 2026)

# 2) Country reports and thematic profiles

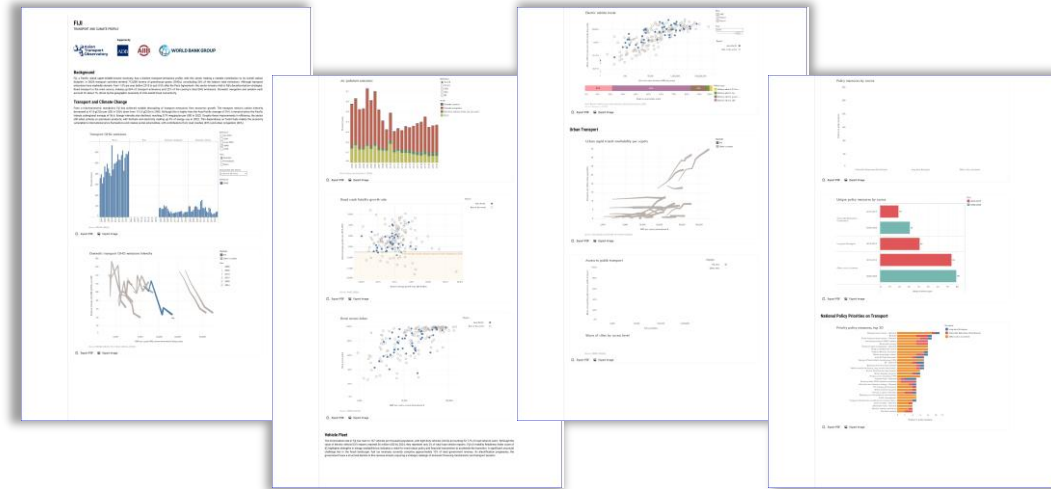
## Transport in Review (Country Reports)



Pacific

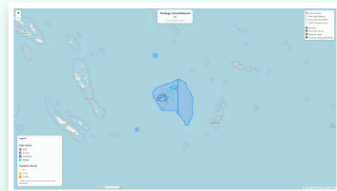
-  Fiji
-  Papua New Guinea
-  Samoa
-  Solomon Islands
-  Vanuatu

## ATO Transport and Climate Profiles



# 3) Geospatial interactive tools and analysis

## Interactive Tools

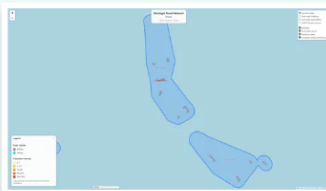


Visualization

### Strategic Road Network and Population Visualization - Fiji

ATO generated an interactive map for the Fiji that combines WorldPop 2025 population density with OpenStreetMap-derived strategic roads (motorways, primary, secondary, tertiary roads).

Pacific



Visualization

### Strategic Road Network and Population Visualization - Kiribati

ATO generated an interactive map for the Kiribati that combines WorldPop 2025 population density with OpenStreetMap-derived strategic roads (motorways, primary, secondary, tertiary roads).

Pacific



Visualization

### Strategic Road Network and Population Visualization - Samoa

ATO generated an interactive map for the Samoa that combines WorldPop 2025 population density with OpenStreetMap-derived strategic roads (motorways, primary, secondary, tertiary roads).

Pacific

## Geospatial analytical maps



# 4) Knowledge dissemination



Virtual Event

2026-01-28

### ATO Presents Findings - National Workshop for Solomon Islands

The ATO contributed to the national workshop "Moving Towards Efficient, Resilient, Low Carbon and Accessible Port Cities in Asia-Pacific Small Island Developing States (SIDS)", held ...

Pacific



Meeting

2025-10-20

### ATO Joins ESCAP Technical Advisory Group to Support Low-Carbon and Resilient Transport Action Plans

Asian Transport Observatory (ATO) participated in the first meeting of the Technical Advisory Group (TAG) under the ESCAP-led project "Strengthening Capacity of ESCAP Member States to Implement Low Carbon and Resilient Transport Action Plans in Asia and the Pacific (2025–2028)." The project aims to



Virtual Event

2025-10-08

### ATO Supports National Workshop in Papua New Guinea on Inclusive and Low-Carbon Transport

In early October, officials and experts gathered in Port Moresby to confront a familiar challenge for island nations—how to connect people and markets across land and sea without deepening carbon dependence. The National Workshop on Efficient, Resilient, Low-Carbon and Accessible Port Cities in Asia-Pacific Small Island Developing States (SIDS)

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***“ATO translates data into insights, policies, and investments”***

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