

# Aichi 2030 Declaration on Environmentally Sustainable Transport – Making Transport in Asia Sustainable (2021-2030)

## Sustainable Transport Goals for Achieving Universally Accessible, Safe, Affordable, Efficient, Resilient, Clean and Low-carbon Passenger and Freight Transport in Asia

### Country Report Template

#### A. Background

In October 2021, the participating countries of the High-level 14th Regional Environmentally Sustainable Transport (EST) Forum in Asia adopted the Aichi 2030 Declaration on Environmentally Sustainable Transport – Making Transport in Asia Sustainable (2021-2030)<sup>1</sup>. This declaration underscores their commitment to advancing sustainable transport actions and measures over the decade (2021-2030) to accelerate achievement of the SDG, the Paris Agreement on climate change, the New Urban Agenda, among others.

The goals of the Aichi 2030 Declaration are closely aligned with the SDGs and the Paris Agreement on climate change, among other international agendas and agreements:

- Goal 1: Environmental sustainability (1a – Low Carbon; 1b – Resilience; 1c- Air pollution)
- Goal 2: Road safety
- Goal 3: Economic sustainability
- Goal 4: Rural access
- Goal 5: Urban access
- Goal 6: National access and connectivity

The participating countries of the EST Forum, along with the supporters of the Aichi 2030 Declaration have agreed to provide regular update and report on the implementation of the Aichi 2030 Declaration. Annex 2 of the Declaration explains and specifies that these reports will focus on policies, programs, and projects adopted and implemented to support the Aichi Goals. Essentially, the reporting on actions and progress towards the Aichi 2030 Declaration is a collaborative effort involving the EST member countries, the EST Forum Secretariat, and the Asian Transport Outlook (ATO) (see box 1).

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#### **Box 1. Role of the Asian Transport Outlook (ATO) in tracking the implementation of the Aichi 2030 Declaration (2021-2030)**

Tracking the implementation of the Aichi 2030 Declaration is not limited to reporting by participating countries. Additionally, the goals of the Declaration are monitored and tracked by the ATO. Initiated in 2020 by the Asian Development Bank (ADB) and now supported by the Asian Infrastructure Investment Bank (AIIB), the ATO aims to enhance and strengthen the knowledge base on transport in the region. Amongst other objectives, it aims to support Asian governments in transport policy development and

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<sup>1</sup> [https://sdgs.un.org/sites/default/files/2021-10/UNCRD\\_14th%20EST\\_Aichi%202030%20Declaration-20%20Oct%202021-ADOPTED\\_0.pdf](https://sdgs.un.org/sites/default/files/2021-10/UNCRD_14th%20EST_Aichi%202030%20Declaration-20%20Oct%202021-ADOPTED_0.pdf)

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delivery and guide their international partners in planning and delivery of assistance. The ATO is available at [www.asiantransportoutlook.com](http://www.asiantransportoutlook.com).

Before adopting the Aichi 2030 Declaration, the ATO developed the Baseline [Report for the Aichi 2030 Declaration on Environmentally Sustainable Transport – Making Transport in Asia Sustainable \(2021-2030\)](#).<sup>2</sup> This report provided an overview of the 2020 baseline status for the goals included in the Aichi 2030 Declaration. In the annual EST Forums, the ATO team will provide a status report on each of the Goals being discussed for the countries to review and validate the facts and figures. The objective is also to reduce the reporting burden of the countries

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## B. Phased reporting on Aichi 2030 Declaration Goals

The country reporting process for the Aichi 2030 Declaration is aligned with a proposed review cycle of the goals of the Aichi 2030 Declaration. Each year, three of the Aichi goals are reviewed in detail. This three-year cycle will be repeated a few times until 2030. The phased reporting approach will allow countries to provide more in-depth reporting.

- Year 1 (2023): Goal 1a – Low-Carbon (climate change mitigation); Goal 2 – Road safety; Goal 6 – National access and connectivity
- **Year 2 (2024): Goal 1c – Air pollution; Goal 3 – Economic sustainability (transport infrastructure); Goal 5 – Urban access**
- Year 3 (2025): Goal 1b – Resilience (climate change adaptation); Goal 4 – Rural access

## C. Country Reporting Template Description and General Instructions

Following the reporting schedule based on the three-year review cycle explained above, the goals of focus for this year are:

- **Goal 1c – Air pollution**
- **Goal 3 – Economic sustainability (transport infrastructure)**
- **Goal 5 – Urban access**

Participating countries to the EST Forum are requested to provide an overview of current and planned representative policies and projects in supporting the aforementioned goals. The Annual Aichi 2030 Declaration Implementation Report focuses on highlighting the progress made towards the goals of the Aichi 2030 Declaration.

1. Overview of transport-related policies and their alignment with the Aichi 2030 Declaration
2. Overview of transport-related targets and their alignment with the Aichi 2030 Declaration
3. Selected programs and projects in support of the implementation of the Aichi 2030 Declaration.

The attached draft template below has been pre-filled with best available information accessible to the ATO team. Please feel free to retain, revise, add or delete information as necessary to best illustrate the policies, programs, projects, and targets aims for achieving the goals of the Aichi 2030 Declaration.

Since 2024, the ATO team has produced "[Aichi 2030 country profiles](#)" (initially for 18 countries) to support the monitoring progress towards the Aichi 2030 Declaration goals. These profiles provide an overview of the status, policies, targets, and notable programmes and projects related to Aichi goals. They are intended to serve as references, organizing the best available data and information from both official and reported secondary sources to aid in understanding progress towards the Aichi 2030

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<sup>2</sup> <https://asiantransportoutlook.com/analytical-outputs/baseline-report/>

Declaration goals. To access these country profiles, click [HERE](#).<sup>3</sup> Additionally, ATO's online [national policy database](#) can be used as a reference point.

For any assistance needed in filling in the Country Report Template, please contact ( [est@uncrd.or.jp](mailto:est@uncrd.or.jp) with a copy to [asiantransportoutlook@gmail.com](mailto:asiantransportoutlook@gmail.com) ).

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<sup>3</sup> <https://1drv.ms/f/s!ArWknbbR1hz581fAGw59mbw9N6oU?e=T8nWJ3>

# Japan

## 1. Transport and relevant national level policies

For the reporting purpose, a broad definition of policy is being used. Apart from policies this can also include strategies, action plans, master plans, etc. In many cases this will be transport specific documents, in other cases it may be that the transport sector is covered in broader policy documents, e.g. national development plans or strategies.

Please validate, fill in, or revise the list of major policies contained in the table below, including their publication year (i.e. made public), status (e.g. draft/under development; under review; adopted but not yet implemented; implemented, etc...); alignment with the Goals of the Aichi 2030 Declaration.

Title of Policy Document	Publication Year	Status	Goal 1c	Goal 3	Goal 5
The 6th Basic Environment Plan	2024	Formulated	✓	✓	
The Fundamental Policy regarding the Reduction of the Total Volume of Automobile Emitted Nitrogen Oxides and Particulate Matter	2022	Formulated	✓		
Plan for Global Warming Countermeasures	2021	Formulated	✓	✓	
The 6th Strategic Energy Plan	2021	Formulated	✓	✓	
The Strategy for Promoting Transition to a Decarbonized, Growth-Oriented Economic Structure	2023	Formulated		✓	
The 5th Priority Plan for Infrastructure Development	2021	Formulated		✓	✓
The 2nd Basic Plan on Transport Policy	2021	Formulated		✓	✓

## 2. Policy Targets

Please validate, fill in, or revise the following: description of the major target; the target (attainment) year; title of the policy document (where the target is specified); status (e.g. draft/under development; under review; adopted but not yet implemented; implemented, etc...); check the relevance of the target in relation to the goals in focus.

Target (Text)	Target Year	Title of Policy Document	Status	Goal 1c	Goal 3	Goal 5
Achievement of Environmental Quality Standards	-	Basic Act on the Environment	Formulated	✓		
For nitrogen dioxide, environmental quality standard relating to nitrogen dioxide is to be ensured, and for suspended particulate matter, environmental quality standard relating to suspended particulate matter is to be ensured through a significant reduction in the total volume of particulate matter emitted from automobiles.	FY2026	The Fundamental Policy regarding the Reduction of the Total Volume of Automobile Emitted Nitrogen Oxides and Particulate Matter Emitted	Formulated	✓		
Aiming to increase the ratio of next-generation vehicles to new passenger car sales from 50% to 70% by 2030 and to increase the ratio of electric vehicles (EVs, FCVs, PHEVs, and HVs) to new passenger car sales to 100% by 2035.	2030, 2035	Plan for Global Warming Countermeasures	Formulated	✓	✓	
With regard to commercial vehicles, for small sized vehicles of 8 tons or less, the government will promote electrification and decarbonization to make the ratio of electrified vehicles 20% ~ 30% of new commercial vehicles sales by 2030, and to make the ratio of electrified vehicles and vehicles suitable for use of such decarbonized fuels as synthetic fuels, etc. combined 100% of new sales by 2040.	2030, 2040	The 6th Strategic Energy Plan	Formulated	✓	✓	
To achieve over 150 trillion yen of public and private investments to realize GX over the next 10 years, new "GX Economy Transition Bonds" which will be used to implement bold and upfront investment support on a scale of 20 trillion yen by the government, are to be established. Such investment promotion measures will be carried out integrally with regulatory and institutional measures that lead to changes in corporate investment and demand-side behavior.	-	The Strategy for Promoting Transition to a Decarbonized, Growth-Oriented Economic Structure	Formulated		✓	

Target (Text)	Target Year	Title of Policy Document	Status	Goal 1c	Goal 3	Goal 5
Promoting "Compact+Network" of regional structure which is linked with town planning <ul style="list-style-type: none"> <li>Number of municipalities that formulated location optimization plans 383(FY2020) → 600(FY2024)</li> </ul>	FY2024	The 5th Priority Plan for Infrastructure Development The 2nd Basic Plan on Transport Policy	Formulated			✓
Promotion of universal designs (barrier-free) for transport infrastructure etc. <ul style="list-style-type: none"> <li>Adoption rate of low-floor buses (excluding exempted vehicles) among regular fleet of buses 61.2% (FY2019) → approx. 80% (FY2025)</li> <li>Barrier-free rate on specified roads Approx. 63% (FY2018) → approx. 70% (FY2025)</li> </ul>	FY2025	The 5th Priority Plan for Infrastructure Development The 2nd Basic Plan on Transport Policy	Formulated			✓
Percentage of the population living in areas with a high level of public transport convenience <ul style="list-style-type: none"> <li>Three metropolitan areas 91.1% (FY2019) → 92.0% (FY2025)</li> <li>Regional central metropolitan areas 79.5% (FY2019) → 81.3% (FY2025)</li> <li>Regional city areas 39.0% (FY2019) → 39.6% (FY2025)</li> </ul>	FY2025	The 5th Priority Plan for Infrastructure Development The 2nd Basic Plan on Transport Policy	Formulated			✓
Percentage of provision of beltways in three metropolitan areas 83%(FY2020) → 89%(FY2025)	FY2025	The 5th Priority Plan for Infrastructure Development The 2nd Basic Plan on Transport Policy	Formulated			✓

### 3. Programs and Projects

Please validate, fill in, or revise the following list of notable programs and projects that are supporting the fruition of the Aichi 2030 goals. Please check if their alignment/relevance to the goals in focus.

Project/ Program name	Approval Year	Status	Goal 1c	Goal 3	Goal 5
Projects by Budget to promote Air Pollution Control for Mobile Sources	FY2024	Underway	✓		
Subsidy for promoting local decarbonization actions	FY2024	Underway	✓	✓	✓
EST Transportation Environment Awards	FY2024	Underway	✓	✓	✓