

# Country Reporting Guidelines on the Aichi 2030 Declaration (2021-2030)

## I. Introduction

In October 2021, the High-level 14<sup>th</sup> Regional Environmentally Sustainable Transport (EST) Forum participating countries adopted the Aichi 2030 Declaration (2010-2030), and agreed to report on a regular basis on the implementation of the Declaration. Annex 2 of the Aichi 2030 Declaration explains that reporting by countries on the Aichi 2030 Declaration will focus on policies, programs, and projects adopted and implemented in support of the Aichi 2030 Declaration. The goals of the Aichi Declaration are closely aligned with the SDGs and the Paris Agreement on climate change, among other international agendas and agreements.

In addition, the Asian Transport Outlook, the open data resource knowledge platform that will provide annual status reports on the implementation of the Aichi 2030 Declaration goals (See also Box 1).

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

The tracking of the implementation of the Aichi 2030 Declaration is not limited to the reporting by participating countries. In addition, the Goals of the Aichi 2030 Declaration are also tracked by the Asian Transport Outlook (ATO). The ATO was initiated in 2020 by the Asian Development Bank (ADB), with support now also being provided by the Asian Infrastructure and Investment Bank (AIIB) to strengthen the knowledge base on transport in the region. Amongst other objectives, it aims to support Asian governments in transport policy development and delivery and guide their international partners in planning and delivery of assistance. The ATO is available at [www.asiantransportoutlook.com](http://www.asiantransportoutlook.com).

Prior to the adoption of 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>1</sup> This report provided an overview of the 2020 baseline status for the goals included in the Aichi 2030 Declaration.

The ATO team, in the annual EST Forums, will provide a status report on each of the Goals that are being discussed. For the High-level 15th Forum 2023 in Malaysia, the ATO team will also provide a status report on the implementation of three selected Goals: Goal 1a – Low-Carbon (climate change mitigation), Goal 2 – Road safety, Goal 6 - National access and connectivity.

**This document describes the annual reporting format that will be used by the EST participating countries to report on the implementation of the Aichi 2030 Declaration.**

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<sup>1</sup> <https://asiantransportoutlook.com/analytical-outputs/baseline-report/>

## II. Phased reporting on Aichi 2030 Declaration Goals

The country reporting process on the Aichi 2030 Declaration is aligned with the proposed review cycle of the goals of the Aichi 2030 Declaration. Each year three of the Goals of the Aichi 2030 Declaration are reviewed in depth. This three-year cycle will be repeated a few times till 2030. The phased reporting will allow countries to go into more depth in their reporting, compared to reporting on the Bangkok 2020 Declaration when countries were asked to report on more than 20 goals each year.

**Year 2 (2023):** *Goal 1a – Low-Carbon (climate change mitigation), Goal 2 – Road safety, Goal 6 – National access and connectivity*

**Year 3 (2024):** *Goal 1b – Resilience (climate change adaptation), Goal 3 – Economic sustainability (transport infrastructure), Goal 4 – Rural access*

**Year 3 (2025):** *Goal 1c – Air pollution, Goal 5 – Urban access, and Goal 6 – National Access and connectivity*

## IV. Reporting Format

The Annual Aichi 2030 Declaration Implementation Report has the following parts:

1. Overview of transport-related policies and their alignment with the Aichi 2030 Declaration
2. Detailed review of selected Aichi 2030 Declaration Goals.
3. Selected projects in support of the implementation of the Aichi 2030 Declaration

Countries participating in the EST Forum can benefit in their annual reporting on the implementation of the Aichi 2030 Declaration from the work of the Asian Transport Outlook. The ATO contains an annotated overview of transport related policies for 51 economies in the Asia Pacific region, including the 21 EST Forum participating countries that have adopted the Aichi 2030 Declaration. The overview is available at <https://asiantransportoutlook.com/transportpolicy/>.

In addition, the ATO also documents policy targets adopted by the countries participating in the EST Forum. This overview of policy targets is provided to the countries as an Excel Table see box below with an overview of the Table of Content tab where the different policy targets referenced in the form below are explained.

### Snapshot of Table of Content Tab Asian Transport Outlook Policy Targets



#### TRANSPORT POLICY

Subcategory	Policy/Target/Instrument	ATO CODE	Scope	Mode	Sector	Sheet
Vision Statements (VIS)	Development Vision Statement	POL-VIS-001	National	NA	NA	<a href="#">POL-VIS-001</a>
	Transport Vision Statement	POL-VIS-002	National	NA	NA	<a href="#">POL-VIS-002</a>
	Transport Policy Overview	POL-POL-001	National	NA	NA	<a href="#">POL-POL-001</a>
Transport Policies (POL)	Transport Policy Documents	POL-POL-002	National	NA	NA	<a href="#">POL-POL-002(1)</a> <a href="#">POL-POL-002(2)</a>
	Road Policy Documents	POL-POL-003	National	Road	Combined	<a href="#">POL-POL-003</a>
	Logistics Policy Documents	POL-POL-004	National	All Modes	Freight	<a href="#">POL-POL-004</a>
	Automotive Policy Documents	POL-POL-005	National	Road	NA	<a href="#">POL-POL-005</a>
	Rail Policy Documents	POL-POL-006	National	Rail	Combined	<a href="#">POL-POL-006</a>
	Transport Targets Overview	POL-TAR-001	National	NA	NA	<a href="#">POL-TAR-001</a>
Transport Targets (TAR)	Road Expansion Targets	POL-TAR-002	National	Road	Combined	<a href="#">POL-TAR-002</a>
	Road Maintenance Targets	POL-TAR-003	National	Road	NA	<a href="#">POL-TAR-003</a>
	Rail Targets	POL-TAR-004	National	Rail	Combined	<a href="#">POL-TAR-004</a>
	ICT Targets	POL-TAR-005	National	NA	NA	<a href="#">POL-TAR-005</a>
	Road Safety Targets	POL-TAR-006	National	Road	Passenger	<a href="#">POL-TAR-006</a>
	Air Pollution Targets	POL-TAR-007	National	All Modes	Combined	<a href="#">POL-TAR-007</a>
	Climate Change Targets	POL-TAR-008	National	All Modes	Combined	<a href="#">POL-TAR-008</a>
	E-mobility Targets	POL-TAR-009	National	NA	NA	<a href="#">POL-TAR-009</a>
	Mode Share Targets	POL-TAR-010	National	All Modes	Combined	<a href="#">POL-TAR-010</a>
	Other Targets	POL-TAR-011	National	NA	NA	<a href="#">POL-TAR-011</a>
	Transport Institutions (INS)	Transport Ministry	POL-INS-001	National	NA	NA
Special Institutional Structures		POL-INS-002	National	NA	NA	<a href="#">POL-INS-002</a>
Minister of Transport		POL-INS-003	National	NA	NA	<a href="#">POL-INS-003</a>
Vertical Coordination		POL-INS-004	National	NA	NA	<a href="#">POL-INS-004</a>
	Existence of seatbelt law	POL-INT-001	National	Road	Combined	<a href="#">POL-INT-001</a>
	Existence of helmet law	POL-INT-002	National	Road	Passenger	<a href="#">POL-INT-002</a>
	Existence of helmet law by occupants	POL-INT-003	National	Road	Passenger	<a href="#">POL-INT-003</a>
	Existence of speed limit	POL-INT-004	National	Road	Combined	<a href="#">POL-INT-004</a>

**For assistance in filling in the Country Report Format please contact Stefanie Sohm ([sohm@makingofmobility.com](mailto:sohm@makingofmobility.com)), ADB Consultant to the EST Forum Process, and supporting the EST Secretariat in the UNCRD for organizing the High-level 15<sup>th</sup> Regional EST Forum.**

**Please state the name of the country for which you are reporting:**

Singapore

## A. General Policy Overview

Participating countries in the EST Forum are requested to provide an overview of current and planned policies and projects in support of Goals 1a, 2 and 6 of the Aichi 2030 Declaration. As a starting point, countries can take a look at the overview developed by the Asian Transport Outlook: <https://asiantransportoutlook.com/transportpolicy/>. Additional policies listed by the countries in the country report will be shared with the ATO team for inclusion in the Asian Transport Outlook.

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.

Countries are requested to list transport related policy documents in the table below, including their alignment with the Goals of the Aichi 2030 Declaration.

Name of adopted policies	Year adopted	URL where policy document can be found	Goal 1a	Goal 2	Goal 6
Land Transport Master Plan 2040	2019	<a href="https://www.lta.gov.sg/content/dam/ltagov/who_we_are/our_work/land_transport_master_plan_2040/pdf/LTA%20LTMP%202040%eReport.pdf">https://www.lta.gov.sg/content/dam/ltagov/who_we_are/our_work/land_transport_master_plan_2040/pdf/LTA%20LTMP%202040%eReport.pdf</a>	✓	✓	✓
Singapore Green Plan 2030	2021	<a href="https://www.greenplan.gov.sg/files/cos-sgp-factsheet.pdf">https://www.greenplan.gov.sg/files/cos-sgp-factsheet.pdf</a>	✓		
Smart Mobility 2030	2014	<a href="https://www.lta.gov.sg/content/dam/ltagov/getting_around/driving_in_singapore/intelligent_transport_systems/pdf/smartmobility2030.pdf">https://www.lta.gov.sg/content/dam/ltagov/getting_around/driving_in_singapore/intelligent_transport_systems/pdf/smartmobility2030.pdf</a>	✓	✓	

It is also important to highlight any transportation-related policy initiatives that are under development should be reported as these give an indication of the future implementation of the Aichi 2030 Declaration. Having an overview of policies under development will also be helpful for the international community interested in providing support to the development of these policies.

Topic for which policy is being developed	Year the policy is expected to be adopted or approved	Goal 1a	Goal 2	Goal 6

## B. 2023 Review of Policy Targets linked to Goal 1a – Low-Carbon (climate change mitigation), Goal 2 – Road safety, Goal 6 – National access and connectivity

EST Forum participating countries are asked to fill out a number of tables to indicate what policy targets are in place. Countries can make use of the information in the ATO overview of policy targets. The additional information on policy targets provided by the countries in the country report will be shared with the ATO team for inclusion in the Asian Transport Outlook.

### Goal 1a – Low-Carbon (climate change mitigation)

#### 1. Climate Neutrality Target

(see ATO indicator POL-TAR-008 column C)

Does your country have an economy-wide Climate Neutrality target?

Yes       No      (please check)

If yes, please provide details:

Climate Neutrality Target		Remarks
Description target :	Net Zero	
for which year	2050	
Source document Title	Singapore Commits to Achieve Net Zero Emissions by 2050 and to a Revised 2030 Nationally Determined Contribution; Public Sector and Jurong Lake District to Lead The Way with Net Zero Targets	
Source Document URL	<a href="https://www.nccs.gov.sg/media/press-releases/singapore-commits-to-achieve-net-zero/">https://www.nccs.gov.sg/media/press-releases/singapore-commits-to-achieve-net-zero/</a>	
If No, is it under discussion and for what year		

#### 2. Economy Wide Emissions Reduction Target

(see ATO indicator POL-TAR-008 column D)

Does your country have an economy-wide Emission Reduction target ?

Yes       No      (please check)

What are the economy-wide emission reduction targets? This can be in absolute terms, or in relative terms e.g. compared to Business as Usual, or per GDP Unit.

Economy Wide CO2 Emissions Reduction Target		Remarks
Description target :	Reduce emissions to around 60 million tonnes of carbon dioxide equivalent (MtCO <sub>2e</sub> )	
for which year:	2030	
If Yes, source document:	Singapore Commits to Achieve Net Zero Emissions by 2050 and to a Revised 2030 Nationally Determined Contribution; Public Sector and Jurong Lake District to Lead The Way with Net Zero Targets	
Source Document URL:	<a href="https://www.nccs.gov.sg/media/press-releases/singapore-commits-to-achieve-net-zero/">https://www.nccs.gov.sg/media/press-releases/singapore-commits-to-achieve-net-zero/</a>	
If No, is it under discussion and for what year:		

Please indicate whether this is a conditional, or unconditional target.

Given that Singapore is an alternative energy disadvantaged island city-state, these targets are contingent on technological advances and the economic viability of low-carbon technologies such as hydrogen and carbon capture, utilization and storage (CCUS), as well as effective international collaborations in areas such as carbon credits and renewable energy imports.

Singapore's ability to fulfil our pledges, like all Parties, will depend on the continued international commitment by Parties to the Paris Agreement and their climate pledges.

### 3. Transport-specific Emissions Reduction Target

(see ATO indicator POL-TAR-008 column E)

Does your country have specific transport CO2 emission reduction targets?

Yes       No      (please check)

If yes, please provide details:

Transport specific CO2 Emissions Reduction Target(s)	Target 1	Target 2	Target 3
Description target(s)	Reduce land transport emissions significantly by 2050, in support of national net-zero emissions target		
If Yes, for which year	2050		

Transport specific CO2 Emissions Reduction Target(s)	Target 1	Target 2	Target 3
If Yes, source document	Singapore's Climate Action-Mitigation Efforts – Transport		
Source Document URL	<a href="https://www.nccs.gov.sg/singapores-climate-action/mitigation-efforts/transport/">https://www.nccs.gov.sg/singapores-climate-action/mitigation-efforts/transport/</a>		

For transport-related emission reduction targets please indicate whether it concerns the entire transport sector or whether it concerns a sub-sector of the transport sector.

Please indicate what the base year is for any target.

If not, are Transport-specific Emissions Reduction Target(s) being planned and if so please provide some details.

#### 4. Vehicle specific CO2 Target(s)

(see ATO indicator POL-TAR-008 column F, for electric vehicle targets, see below, 7.)

Does your country have specific targets to reduce CO2 emissions from vehicles?

Yes  No (please check)

What are the specific targets to reduce emissions from Vehicles ?

Vehicle related CO2 Target(s)	Target 1	Target 2	Target 3
Description target(s)			
If Yes, for which year			
Source document Title			
Source document URL			

For vehicle-related emission reduction targets please indicate whether it concerns the entire vehicle fleet or whether it concerns a specific type of vehicle/s.

Please indicate what the base year is for any target.

If not, are Vehicle-related Target(s) being planned, and if so please provide some details. Please also provide details if additional targets are being planned that have not been adopted yet.

**No Vehicle-related Targets are being planned.**

#### 5. Fuel related CO2 Target(s)

(see ATO indicator POL-TAR-008 column G)

Does your country have specific targets to reduce CO2 emissions from Fuels?

Yes  No (please check)

If yes, what are the specific targets to reduce emissions from Fuels?

Fuel related CO2 Target(s)	Target 1	Target 2	Target 3
Description target(s)			
If Yes, for which year			
If Yes, source document			

Please indicate for which fuel types the CO2 target applies.

Please indicate what the base year is for any target.

If not, are Fuel related Target(s) being planned, and if so please provide some details. Please also provide details if additional targets are being planned that have not been adopted yet.

**No Fuel related Targets are being planned.**

#### 6. Modal share Target(s)

(see ATO indicator POL-TAR-010)

Does your country have specific targets to change modal shares of different types of transport?

Yes  No (please check)

What are the specific targets to change modal share with the objective to reduce CO2 emissions?

Modal share Target(s)	Target 1	Target 2	Target 3
Description target(s)	75% of all peak-period journeys would be undertaken on public transport		
If Yes, for which year	2030		
If Yes, source document	Land Transport Master Plan 2013		
URL source document	<a href="https://www.lta.gov.sg/content/dam/ltagov/who_we_are/statistics_and_publications/master-plans/pdf/LTMP2013Report.pdf">https://www.lta.gov.sg/content/dam/ltagov/who_we_are/statistics_and_publications/master-plans/pdf/LTMP2013Report.pdf</a>		



In describing the modal share targets please describe which subsectors e.g. road, rail, walking, cycling, or public transport are targeted.

If not, are Modal share-related Target(s) being planned, and if so please provide some details. Please also provide details if additional targets are being planned that have not been adopted yet.

### 7. E-mobility related Target(s)

(see ATO indicator POL-TAR-009)

Does your country have specific targets on e-mobility?

Yes       No      (please check)

What are the specific targets to improve e-mobility?

Existing E-mobility related Target(s)	Target 1	Target 2	Target 3
Description target(s)	Electric buses make up half of public bus fleet	All new car and taxi registrations to be of cleaner-energy models	Phase out ICEs and have all vehicles run on cleaner energy
If Yes, for which year	2030	2030	2040
If Yes, source document	Factsheet: Sustaining the Momentum of Vehicle Electrification	Speech by Minister Ong Ye Kung: A New Drive	Speech by Minister Ong Ye Kung: A New Drive
URL Source document	<a href="https://www.lta.gov.sg/content/ltagov/en/newsroom/2023/3/news-releases/sustaining_the_momentum_of_vehicle_electrification.html#:~:text=By%202030%2C%20electric%20buses%20are,are%20reaching%20their%20statutory%20lifespan.">https://www.lta.gov.sg/content/ltagov/en/newsroom/2023/3/news-releases/sustaining_the_momentum_of_vehicle_electrification.html#:~:text=By%202030%2C%20electric%20buses%20are,are%20reaching%20their%20statutory%20lifespan.</a>	<a href="https://www.greenplan.gov.sg/news/speeches/2021-03-04-mot">https://www.greenplan.gov.sg/news/speeches/2021-03-04-mot</a>	<a href="https://www.greenplan.gov.sg/news/speeches/2021-03-04-mot">https://www.greenplan.gov.sg/news/speeches/2021-03-04-mot</a>

Please indicate for what type of vehicles the E-mobility targets apply.

Please indicate what the base year is for any target.

Goal 2 – Road safety,

### 1. Targets to reduce number of road safety fatalities and/or serious injuries

(see ATO indicator POL-TAR-006)

Does your country have specific targets to improve road safety?

Yes       No      (please check)

Road Safety Improvement Target(s)	Target 1	Target 2	Target 3
Description target(s)	'Vision Zero' environment with reduced land transport-related fatalities		
If Yes, for which year	N/A		
If Yes, source document	Land Transport Master Plan 2040		
URL Source Document	<a href="https://www.lta.gov.sg/content/dam/ltagov/who_we_are/our_work/land_transport_master_plan_2040/pdf/LTA%20LTMP%202040%eReport.pdf">https://www.lta.gov.sg/content/dam/ltagov/who_we_are/our_work/land_transport_master_plan_2040/pdf/LTA%20LTMP%202040%eReport.pdf</a>		

Please indicate what the base year is for any target.

## 2. Policy instruments in support of improved road safety

The ATO National Policies Database contains information taken from WHO reporting 2017 (see POL-INT 001 - POL-INT 008). If possible, please provide more detailed and more recent information.

Road Safety-related policy instruments	Yes / No ?	Details	Timing	Source Document
Seat belt law See POL-INT-001	Yes	The driver and passengers of all vehicles shall wear a seat belt (exemptions apply).		<a href="#">Road Traffic (Motor Vehicles, Wearing of Seat Belts) Rules 2011, Rule 4</a>  <a href="#">Road Traffic (Motor Vehicles, Seat Belts) Rules, Rules 3&amp;4</a>
Helmet law See POL-INT-002	Yes	Every person who drives or is carried on a motorcycle must wear a protective helmet.		<a href="#">Road Traffic Act 1961, Section 74</a>
Helmet law passenger See POL-INT-003	Yes	Every person who drives or is carried on a motorcycle must wear a protective helmet.		<a href="#">Road Traffic Act 1961, Section 74</a>
Speed limit See POL-INT-004	Yes	The speed of all motor vehicles travelling along any road shall not exceed the prescribed speed limits.		<a href="#">Road Traffic (Restriction of Speed on Roads) Notification 2008, Article 2</a>
Maximum speed urban road See POL-INT-005	Yes	The speed of all motor vehicles travelling along any road shall not exceed the prescribed speed limits.		<a href="#">Road Traffic (Restriction of Speed on Roads) Notification 2008, Article 2</a>
Maximum speed rural road See POL-INT-005	N/A			
Alcohol limit See POL-INT-006	Yes	A person who attempts to drive a motor vehicle when unfit under the influence of drink or drug, or whose alcohol level exceeds the prescribed limit,		<a href="https://www.agc.gov.sg/docs/default-source/legal-processes/rtariffs.pdf">https://www.agc.gov.sg/docs/default-source/legal-processes/rtariffs.pdf</a>

Road Safety-related policy instruments	Yes / No ?	Details	Timing	Source Document
		shall be guilty of an offence.		
Drink–drive law See POL-INT-007	Yes	A person who attempts to drive a motor vehicle when unfit under the influence of drink or drug, or whose alcohol level exceeds the prescribed limit, shall be guilty of an offence.		<a href="#">Road Traffic Act 1961, Section 67</a>
Child restraint law See POL-INT-008	Yes	All passengers under 1.35m in height must be secured by an approved child restraint.		<a href="#">Road Traffic (Motor Vehicles, Wearing of Seat Belts) Rules 2011, Rule 8</a>

Please add any additional road safety related policy instruments that are in place or that are being planned.

C. Goal 6 - National access and connectivity: By 2030, facilitate inclusive multi-modal national (including rural-urban) and regional (cross-border) connectivity through the provision of sustainable multi-modal freight and passenger transport infrastructure and services (Based on SDG 9.1).

### 1. Road Expansion Targets

see ATO indicator POL-TAR 002)

Does your country have specific targets to expand the road network?

Yes  No (please check)

Please provide details:

Target	Time Frame	Document	URL
Target 1:			
Target 2:			

Target	Time Frame	Document	URL

## 2. Road Maintenance Targets

(see ATO indicator POL-TAR 003)

Does your country have specific targets for road maintenance?

Yes  No (please check)

Please provide details:

Target	Time Frame	Document	URL
Target 1:			
Target 2:			

## 3. Rail Targets

(see ATO indicator POL-TAR 004)

Does your country have specific targets to expand and maintain the Rail network?

Yes  No (please check)

Please provide details:

Target	Time Frame	Document	URL
Target 1: Expand rail network from 260km currently to 360km	2030	Land Transport Master Plan 2040	<a href="https://www.lta.gov.sg/content/dam/ltagov/who_we_are/our_work/land_transport_master_plan_2040/pdf/LTA%20LTMP%202040%eReport.pdf">https://www.lta.gov.sg/content/dam/ltagov/who_we_are/our_work/land_transport_master_plan_2040/pdf/LTA%20LTMP%202040%eReport.pdf</a>
Target 2:			

In describing the targets please differentiate between expansion and maintenance of rail network. Also, please indicate if it concerns a High-Speed Rail Network project.

## D. Key Illustrative Projects

Please list 2 -3 projects that **best illustrate** the commitment of your country towards the implementation of the Aichi 2030 Declaration and that you would like to share with the other participating countries of the Regional EST Forum. We understand that it is not

possible to list all the projects undertaken in your country. We hope that it will be possible to provide some more information on the projects listed below.

<b>Name Project:</b>	<b>Short description of Project and Objectives</b>	<b>List Contribution to Aichi 2030 Declaration Goals</b>	<b>URL where more information can be found on the project</b>
Project 1:	Expand rail network from 260km currently to 360km by 2030	Environment sustainability – encourage adoption of public transport	<a href="https://www.lta.gov.sg/content/ltagov/en/upcoming_projects.html">https://www.lta.gov.sg/content/ltagov/en/upcoming_projects.html</a>
Project 2:	JB-Singapore Rapid Transit System (RTS) Link between Woodlands North and Bukit Chagar, Johor Baru	National access and connectivity – facilitate inclusive multimodal cross-border passenger transport connectivity	<a href="https://www.lta.gov.sg/content/ltagov/en/upcoming_projects/rail_expansion/JB-Singapore_RTS_link.html">https://www.lta.gov.sg/content/ltagov/en/upcoming_projects/rail_expansion/JB-Singapore_RTS_link.html</a>
Project 3:	60,000 electric vehicle charging points by 2030	Environment sustainability – encourage private vehicle owners to switch to electric vehicles	<a href="https://www.lta.gov.sg/content/ltagov/en/industry_innovations/technologies/electric_vehicles/our_ev_vision.html">https://www.lta.gov.sg/content/ltagov/en/industry_innovations/technologies/electric_vehicles/our_ev_vision.html</a>