

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

I. Introduction

In October 2021, the High-level 14th 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.

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 \(2021-2030\)](#).¹ 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.

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

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

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

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	Remarks	Year adopted	URL where policy document can be found	Goal 1a	Goal 2	Goal 6
Twelfth Malaysia Plan 2021-2025 (mid-term review)	New	2023	https://rmke12.ekonomi.gov.my/ksp/storage/fileUpload/2023/09/2023091145_main_document_ksp_rmke_12.pdf	/	/	/
National Automotive Policy 2020	New	2020	https://www.miti.gov.my/index.php/pages/view/nap2020	/	/	/
National Energy Policy 2022-2040	New	2022	https://www.ekonomi.gov.my/sites/default/files/2022-09/National%20Energy%20Policy_2022_2040.pdf	/	/	
National Energy Transition Roadmap	New	2023	https://www.ekonomi.gov.my/sites/default/files/2023-09/National%20E	/	/	

			nergy%20Transiti on%20Roadmap_ 0.pdf			
Malaysia Smart City Framework 2019-2025	New	2019	https://www.kpkt.gov.my/kpkt/resources/user_1/GALERI/PDF_PENERBITAN/FREMEWORK/FREMEWORK_SMART_CITY_EXECUTIVE_SUMMARY.pdf	/	/	/
National Policy of Person Disabilities	New		https://www.kpwkm.gov.my/kpwkm/uploads/files/Dokumen/Dasar/PelanTindakan_OKU.pdf			/
Green Technology Master Plan Malaysia 2017-2030	Existing	2017	https://www.pmo.gov.my/wp-content/uploads/2019/07/Green-Technology-Master-Plan-Malaysia-2017-2030.pdf	/		
Intended Nationally Determined Contribution of the Government	Existing	2015	https://www4.unfccc.int/sites/submissions/INDC/Published%20Documents/Malaysia/1/INDC%20Malaysia%20Final%2027%20November%202015%20Revised%20Final%20UNFCCC.pdf	/		
Logistics and Trade Facilitation Masterplan (2015-2020)	Existing	2015	https://www.mot.gov.my/en/Penerbitan%20Rasmi/Executive%20Summary%20Logistics%20and%20Trade%20Facilitation%20Masterplan.pdf			/
National Transport Policy 2019-2030	Existing	2019	https://www.pmo.gov.my/wp-content/uploads/2019/10/National-Transport-Policy-2019_2030EN.pdf	/	/	/
Malaysia Road Safety Plan 2022-2030	Existing	2022	https://www.mot.gov.my/en/Pages/Land/Safety%20and%20Security/		/	

			MRSP%202022-2030%20(1022).pdf			
Low Carbon mobility Blue Print 2021-2030	Existing	2021	https://www.nrec.gov.my/ms-my/teras/alamsekitar/Documents/Low-Carbon-Mobility-Blueprint-2021-2030.pdf	/		
National Low Carbon Cities Masterplan	Existing	2021	https://www.nrec.gov.my/ms-my/teras/alamsekitar/Documents/NLCCM.pdf	/		
Shared Prosperity Vision 2030	Existing [to remove]	2019				
Transformasi Nasional 2050	Existing [to remove]	2017				
National Land Public Transport Masterplan	Existing [to remove]	2013				

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
National Port Blueprint	2025	/		/
Nationally Determined Contribution (NDC) Roadmap and Long-Term Low Emissions Development Strategy (LT-LEDS)	TBC	/		
Green Transport Index	2025	/		
Development of Draft Bill for National Climate Change	TBC	/		

Topic for which policy is being developed	Year the policy is expected to be adopted or approved	Goal 1a	Goal 2	Goal 6
Klang Valley Land Public Transport Strategic Plan	2025	/		/

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 :	Become a carbon neutral country as early as 2050	
for which year	2050	
Source document Title	National Energy Transition Roadmap	
Source Document URL	https://www.ekonomi.gov.my/sites/default/files/2023-09/National%20Energy%20Transition%20Roadmap_0.pdf	
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 :	45% unconditional reduction to carbon intensity	
for which year:	By 2030	
If Yes, source document:	Updated Nationally Determined Contribution (NDC)	
Source Document URL:	https://unfccc.int/sites/default/files/NDC/2022-06/Malaysia%20NDC%20Updated%20Submission%20to%20UNFCCC%20July%202021%20final.pdf	
If No, is it under discussion and for what year:		

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

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)	Pending NDC & LT-Leds target/initiatives		
If Yes, for which year			
If Yes, source document			
Source Document URL			

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)	144 gCO ₂ /km for passenger vehicles	123 gCO ₂ /km for passenger vehicles	95 gCO ₂ /km for passenger vehicles
If Yes, for which year	2023	2026	2030
Source document Title	Low Carbon Mobility Blueprint 2021-2030		
Source document URL	https://www.nrecc.gov.my/ms-my/teras/alamsekitar/Documents/Low-Carbon-Mobility-Blueprint-2021-2030.pdf		

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.

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
Description target(s)	B30
If Yes, for which year	2030
If Yes, source document	National Energy Transition Roadmap

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.

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	Target 4
Category	Passenger	Passenger	Passenger	Freight
Description target(s)	40% public transport rail-based share, all cities (from 20.8% in 2013)	5% annual growth of public transport in Greater Kuala Lumpur and Klang Valley	20% increase in air transport passengers	10% increase in cargo volume by rail
If Yes, for which year	2030	2021-2025	2025	2025
If Yes, source document	Green Technology Master Plan 2017-2030 (67)	12th Malaysia Plan	12th Malaysia Plan	12th Malaysia Plan
URL source document	https://www.pmo.gov.my/wp-content/uploads/2019/07/Green-Technology-Master-Plan-Malaysia-2017-2030.pdf	https://rmke12.epu.gov.my/en	https://rmke12.epu.gov.my/en	https://rmke12.epu.gov.my/en

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	Target 4	Target 5	Target 6	Target 7	Target 8
Description target(s)	Energy efficient (hybrid/electric) private vehicle = 100% (from 32.6% in 2015)	100,000 electric cars, 100,000 electric motorcycles and 2,000 electric buses	38% usage of EVs	EV government fleet = 10%	EV government fleet = 50%	EV government-linked companies fleet = 20%	EV government-linked companies fleet = 50%	9000 AC charging points, 1000 DC charging points
If Yes, for which year	2030	2030	2040	2022	2025	2025	2030	2025
If Yes, source document	Green Technology Master Plan 2017-2030 (p.67)		National Energy Policy 2022-2040	Low Carbon Mobility Blueprint 2021-2030				
URL Source document	https://www.pmo.gov.my/wp-content/uploads/2019/07/Green-Technology-Master-Plan-Malaysia-2017-2030.pdf	https://www.nst.com.my/cbt/2019/10/530681/green-transport-way-forward	https://www.economy.gov.my/sites/default/files/2022-09/National%20Energy%20Policy_2022_2040.pdf	https://www.nrecc.gov.my/ms-my/teras/alamsekitar/Documents/Low-Carbon-Mobility-Blueprint-2021-2030.pdf				

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
Description target(s)	50% reduction in the number of deaths due to road accidents
If Yes, for which year	2030
If Yes, source document	Malaysia Road Safety Plan 2022-2030
URL Source Document	https://www.mot.gov.my/en/Pages/Land/Safety%20and%20Security/PKJRM%202022-2030.pdf

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 <i>See POL-INT-001</i>	Yes	require safety seatbelts to be fitted to such class or description of motor vehicles as may be specified		Road Transport Act 1987 https://www.mot.gov.my/en/Documents/Act%20333%20-%20Road%20Transport%20Act%201987.pdf
Helmet law <i>See POL-INT-002</i>	Yes	Persons driving or being carried on motorcycles to wear protective helmets, and to specify the class or description of such motorcycles		Road Transport Act 1987 https://www.mot.gov.my/en/Documents/Act%20333%20-%20Road%20Transport%20Act%201987.pdf
Helmet law passenger <i>See POL-INT-003</i>	Yes	Persons driving or being carried on motorcycles to wear protective helmets, and to specify the class or description of such motorcycles		Road Transport Act 1987 https://www.mot.gov.my/en/Documents/Act%20333%20-%20Road%20Transport%20Act%201987.pdf
Speed limit <i>See POL-INT-004</i>	Yes	Highway -110km/h Federal road - 90km/h State road – 80km/h		https://www.jkr.gov.my/sites/default/files/upload/JKR%20Statistik%20Jalan%20Malaysia%202020.pdf
Maximum speed urban road <i>See POL-INT-005</i>	Yes	90km/h		https://www.jkr.gov.my/sites/default/files/upload/JKR%20Statistik%20Jalan%20Malaysia%202020.pdf
Maximum speed rural road <i>See POL-INT-005</i>	Yes	80km/h		https://www.jkr.gov.my/sites/default/files/upload/JKR%20Statistik%20Jalan%20Ma

Road Safety-related policy instruments	Yes / No ?	Details	Timing	Source Document
				aysia%202020.pdf
Alcohol limit <i>See POL-INT-006</i>	Yes			
Drink-drive law <i>See POL-INT-007</i>	Yes			
Child restraint law <i>See POL-INT-008</i>	Yes			

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: Highway Network Development Plan (HNDP)	2020 - 2030	National Construction Policy 2030 (NCP 2030)	https://www.kkr.gov.my/sites/default/files/2022-10/Dasar-Pembinaan-Negara-NCP2030.pdf

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: Ensure that traffic control actions are provided within the period one (1) hour for emergency works on the federal road			
Target 2: Ensuring the action of patching potholes on the federal road is taken within twenty-four (24) hours from potholes are reported.			

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: 40% public transport rail-based share, all cities (from 20.8% in 2013)	2030	Green Technology Master Plan 2017-2030 (67)	https://www.pmo.gov.my/wp-content/uploads/2019/07/Green-Technology-Master-Plan-Malaysia-2017-2030.pdf
Target 2: 10% increase in cargo volume by rail	2025	12th Malaysia Plan	https://rmke12.epu.gov.my/en

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.

Name Project:	Short description of Project and Objectives	List Contribution to Aichi 2030 Declaration Goals	URL where more information can be found on the project
Project 1:	East Coast Rail Link (ECRL)	Goal 1a, 2, 6	

Name Project:	Short description of Project and Objectives	List Contribution to Aichi 2030 Declaration Goals	URL where more information can be found on the project
Project 2:	EV penetration	Goal 1a	
Project 3:	Improving Public Transport Modal Share	Goal 1a, 2, 6	