Country Reporting Guidelines on 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). 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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 $^{^{1}\ \}mathsf{https://asiantransportoutlook.com/analytical-outputs/baseline-report/}$

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:

- 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 Asian Transport Outlook **TRANSPORT POLICY** ATO CODE Scope POL-VIS-001 National Sheet POL-VIS-001 Subcategory Policy/Target/Instrument Development Vision Statement NA POL-POL-001 National Transport Policy Overview NA NA Transport Policy Documents POL-POL-002 National NA NA POL-POL-002(1) POL-POL-002(2) POL-POL-003 Transport Policies (POL) POL-POL-003 National Logistics Policy Documents Automotive Policy Documents Rail Policy Documents POL-POL-004 National POL-POL-005 National POL-POL-006 National POL-TAR-001 National All Modes Freight POL-POL-004 POL-POL-006 Transport Targets Overview NA NA POL-TAR-00 Road Expansion Targets Road Maintenance Targets POL-TAR-002 National POL-TAR-003 National POL-TAR-002 POL-TAR-003 Rail Targets POL-TAR-004 National ICT Targets Road Safety Targets Air Pollution Targets Transport Targets (TAR) POL-TAR-00 Climate Change Targets E-mobility Targets POL-TAR-008 National POL-TAR-009 National All Mode: NA POL-TAR-008 POL-TAR-009 Mode Share Targets POL-TAR-010 National All Modes Combined POL-TAR-01 POL-TAR-011 National POL-INS-001 National NA POL-TAR-011 POL-INS-003 Special Institutional Structures POL-INS-002 National NA NA Transport Institutions (INS) POL-INS-003

Vertical Coordination

Existence of helmet law

Existence of helmet law by occupants

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

POL-INS-004 National

POL-INT-001 National

POL-INT-002 National

POL-INT-003 National

POL-INT-004 National

NA

Road

Road

NA

Passenger

Passenger

POL-INS-004

POL-INT-002

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

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
Green Growth Strategy Through Achieving Carbon Neutrality in 2050	2021	https://www.meti.go.jp/p olicy/energy environmen t/global warming/ggs/pd f/green honbun.pdf	1		
Plan for Global Warming Countermeasures	2021	https://www.env.go.jp/e arth/ondanka/keikaku/21 1022.html	1		
Sixth Strategic Energy Plan	2021	https://www.enecho.met i.go.jp/category/others/b asic_plan/pdf/20211022 01.pdf	1		
11th Traffic Safety Basic Plan	2021	https://www8.cao.go.jp/k outu/kihon/keikaku11/in dex.html		1	
5th Priority Plan for Infrastructure Development	2021	https://www.mlit.go.jp/s ogoseisaku/point/sosei_p oint_tk_000003.html	1	1	1
2nd Basic Plan on Transport Policy (FY2021-2025)	2021	https://www.mlit.go.jp/s ogoseisaku/transport/sos ei transport tk 000161. html	1	1	1

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	Goal 1a	Goal 2	Goal 6
	approved			

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?

o Yes ✓ o No (please check)

If yes, please provide details:

Climate Neutrality Target		Remarks
Description target :	Net-zero by 2050	
for which year	2050	
Source document Title	Japan's Nationally Determined Contribution (NDC)	
	Oct 2021	
	P.1	
Source Document URL	https://unfccc.int/sites/default/files/NDC/2022-	
	06/JAPAN FIRST%20NDC%20%28INTERIM-	
	<u>UPDATED%20SUBMISSION%29.pdf</u>	
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?

o Yes ✓ o 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 :	Japan aims to reduce its greenhouse gas emissions by 46% in fiscal year 2030 from its fiscal year 2013 levels. (Furthermore, Japan will continue strenuous efforts in its challenge to meet the lofty goal of cutting its emission by 50%.)	
for which year:	FY2030	
If Yes, source document:	Japan's Nationally Determined Contribution (NDC) Oct 2021 P.1	
Source Document URL:	https://unfccc.int/sites/default/files/NDC/2022- 06/JAPAN_FIRST%20NDC%20%28INTERIM- UPDATED%20SUBMISSION%29.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?

o Yes ✓ o No (please check)

If ves. please provide details:

Transport specific CO2	Target 1
Emissions Reduction	
Target(s)	
Description target(s)	Estimated 35% reduction in energy-derived carbon dioxide in the
	transportation sector (224Mt-CO2) compared to fiscal year 2013 levels.
If Yes, for which year	FY2030
If Yes, source document	Japan's Nationally Determined Contribution (NDC)
	Oct 2021
	P.1
Source Document URL	https://unfccc.int/sites/default/files/NDC/2022-
	06/JAPAN FIRST%20NDC%20%28INTERIM-UPDATED%20SUBMISSION%29.pdf

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?

What are the specific targets to reduce emissions from Vehicles?

Vehicle related CO2 Target(s)	Target 1
Description target(s)	Aiming for zero CO2 emissions through automobile production, use, and disposal
If Yes, for which year	2050
Source document Title	Sixth Strategic Energy Plan Oct 2021 P.31
Source document URL	https://www.enecho.meti.go.jp/category/others/basic_plan/pdf/2021 1022_01.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?

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.

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?

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

Modal share Target(s)	Target 1
Description target(s)	In order to decarbonize the public transportation sector and create an environment wherein it is easy to move around without relying solely on private cars, the government, while coordinating with urban development, is promoting the introduction of transportation systems with low CO2 emissions, such as LRT (Light Rail Transit), BRT (Bus Rapid Transit), and EVs.
If Yes, for which year	
If Yes, source document	Plan for Global Warming Countermeasures Oct 2021 P.48
URL source document	https://www.env.go.jp/earth/ondanka/keikaku/211022.html

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?

What are the specific targets to improve e-mobility?

Existing E-mobility related Target(s)	Target 1	Target 2	
Description target(s)	<passenger vehicles=""> By 2030, the government is aiming for 50-70% of new passenger vehicle sales to be next-generation vehicles (EVs, FCVs, PHEVs, HVs, etc.), and by 2035, 100% of new vehicle sales to be electrified vehicles (EVs, FCVs, PHEVs, HVs).</passenger>	<commercial vehicles=""> For light-duty vehicles of 8 tons or less, the government is aiming for 20-30% of new vehicle sales to be electrified vehicles by 2030, and 100% of new vehicle sales to be electrified vehicles and vehicles suitable for the use of decarbonized fuels such as synthetic fuels combined by 2040.</commercial>	
If Yes, for which year	2030, 2035	2030, 2040	
If Yes, source document	Plan for Global Warming Countermeasures Oct 2021 P.46	Green Growth Strategy Through Achieving Carbon Neutrality in 2050 June 2021 P.60	
URL Source document	https://www.env.go.jp/earth/ondanka/keikaku/211022.htmlhttps://www.env.go.jp/earth/ondanka/keikaku/211022.html	https://www.meti.go.jp/policy/ener gy_environment/global_warming/gg s/pdf/green_honbun.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? o Yes ✓ o No (please check)

Road Safety Improvement Target(s)	Target 1	Target 2
Description target(s)	<road traffic=""> 1. Aim to realize the world's safest road traffic, and by 2025 reduce the number of fatalities per 24 hours to 2,000 or less (per year). 2. Reduce the number of seriously injured people to 22,000 or less (per year).</road>	Percentage of provision of sidewalks along school routes [FY2019:53%→FY2025:57%]
If Yes, for which year	2025	By FY2025

Road Safety Improvement Target(s)	Target 1	Target 2
If Yes, source document	11th Traffic Safety Basic Plan Mar 2021 P.12	5th Priority Plan for Infrastructure Development May 2021 P.50, P.56
URL Source Document	https://www8.cao.go.jp/koutu/kihon/ keikaku11/index.html	https://www.mlit.go.jp/sogoseisaku/point/sosei point tk 000003.html

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 Seat belt law See POL-INT-001	Yes / No ? Yes	Road Traffic Act Article 71-3 (Rules to Be Observed by Drivers	Timing (The year it was first enacted as a law) 1971	Source Document https://www.jap aneselawtranslat jon.go.jp/ja/laws
		of Standard Motor Vehicles and Other Motor Vehicles)		/view/2962#je c h3sc2at1
Helmet law See POL-INT-002	Yes	Road Traffic Act Article 71-4 (Rules to Be Observed by Riders of Large Two-Wheeled Vehicles and Other Vehicles)	1965	https://www.jap aneselawtranslat ion.go.jp/ja/laws /view/2962#je_c h3sc2at1
Helmet law passenger See POL-INT-003	Yes	Road Traffic Act Article 71-4 (Rules to Be Observed by Riders of Large Two-Wheeled Vehicles and Other Vehicles)	1965	https://www.jap aneselawtranslat ion.go.jp/ja/laws /view/2962#je_c h3sc2at1
Speed limit See POL-INT-004	Yes	Road Traffic Act Article 22 (Maximum Speed Limits) 、Article 23 (Minimum Speed Limits)	*The previous law (Road Traffic Control Act) has provisions regarding speed.	https://www.jap aneselawtranslat ion.go.jp/ja/laws /view/2962#je_c h3sc2at1

Road Safety-related policy instruments	Yes / No ?	Details	Timing (The year it was first enacted as a law)	Source Document
Maximum speed urban road See POL-INT-005 Maximum speed rural road See POL-INT-005	Yes	Road Traffic Act Article 22 (Maximum Speed Limits)	*The previous law (Road Traffic Control Act) has provisions regarding speed.	https://www.jap aneselawtranslat ion.go.jp/ja/laws /view/2962#je_c h3sc2at1
Alcohol limit See POL-INT-006 Drink-drive law See POL-INT-007	Yes	Road Traffic Act Article 65 (Prohibition against Driving Under the Influence of Alcohol and Related Conduct)	*The previous law (Road Traffic Control Act) has provisions regarding the consumption of alcohol.	https://www.jap aneselawtranslat ion.go.jp/ja/laws /view/2962#je_c h3sc2at1
Child restraint law See POL-INT-008	Yes	Road Traffic Act Article 71-3 (Rules to Be Observed by Drivers of Standard Motor Vehicles and Other Motor Vehicles)	2000	https://www.jap aneselawtranslat ion.go.jp/ja/laws /view/2962#je c h3sc2at1

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?

o Yes ✓ o No (please check)

Please provide details:

Target	Time Frame	Document	URL
Target 1: Development rate for	By FY2025	2nd Basic Plan on	https://www.mlit.go.jp/
ring roads in the three major		Transport Policy	sogoseisaku/transport/s
metropolitan areas		(FY2021-2025)	osei transport tk 0001
From 83% in FY2020 to 89% in		May 2021	<u>61.html</u>
FY2025		P.36	

2. Road Maintenance Targets

(see ATO indicator POL-TAR 003)

Does your country have specific targets for road maintenance?

o Yes ✓ o No (please check)

Please provide details:

Target	Time Frame	Document	URL
Target 1: Percentage of facility	By FY2025	5th Priority Plan for	https://www.mlit.go.jp/
repairs shifted to preventative		Infrastructure	sogoseisaku/point/sosei
infrastructure maintenance		Development	point tk 000003.html
		May 2021	
 Roads (bridges and 		P.41, P.42, P.43	
pavement): Repair rate for			
facilities on roads managed by			
local governments that require			
urgent or early action, and			
repair rate for pavement on			
roads that are important for			
disaster prevention			
Bridges: From approx. 34% in			
FY2019 to approx. 73% in			
FY2025			
Pavement: From 0% in FY2019			
to 100% in FY2025			

3. Rail Targets

(see ATO indicator POL-TAR 004)

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

o Yes ✓ o No (please check)

Please provide details:

Target	Time Frame	Document	URL
Target 1: In order to improve	By FY2025	2nd Basic Plan on	https://www.mlit.go.jp
the convenience of urban		Transport Policy	/sogoseisaku/transport

Time Frame	Document	URL
	(FY2021-2025)	/sosei transport tk 00
	May 2021	<u>0161.html</u>
	P.36	
Dv EV202E	Eth Driority Dlan for	https://www.mlit.go.jp
By F12023		/sogoseisaku/point/sos
		ei point tk 000003.ht
	· ·	ml
	1	<u></u>
	1.41,1.43,1.44	
	By FY2025	(FY2021-2025) May 2021 P.36

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 Contributi on to Aichi 2030 Declaratio n Goals	URL where more information can be found on the project
Project 1:	Japan aims to achieve net-zero by 2050 and is supporting the electrification of passenger vehicles and commercial vehicles through subsidies and other means.	Goal 1a	https://www.meti.go.jp/p olicy/energy environment /global_warming/ggs/pdf/ green_honbun.pdf
Project 2: Creating Decarbonization Leading Areas (Promoting Regional Decarbonization)	Decarbonization Leading Areas are those regions that, in working to achieve net-zero by 2050, aim to achieve net-zero CO2 emissions from electricity consumption in the civil sector (households, businesses, and other sectors), and that also make efforts to achieve reductions in other greenhouse gas emissions (including those from the transportation sector and heat use, etc.) that are consistent with Japan's FY2030 targets for the entire country, while also taking into account regional characteristics.	Goal 1a	https://www.env.go.jp/ear th/%E2%91%A0%E5%9C% B0%E5%9F%9F%E8%84%B 1%E7%82%AD%E7%B4%A 0%E3%83%AD%E3%83%B C%E3%83%89%E3%83%9E %E3%83%89%E3%83%97. pdf https://www.env.go.jp/co ntent/900440195.pdf https://www.meti.go.jp/pr ess/2023/07/20230728002 /20230728002-1.pdf