

# 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.**

<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><br><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:

Republic of Korea

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## 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  |
|---|--------------|---|---|--|---|
| 2050 Carbon Neutrality Policy           | 2018         | <a href="https://www.korea.kr/special/policyCurationView.do?newsId=148881562">https://www.korea.kr/special/policyCurationView.do?newsId=148881562</a>         | Active correspondence for Carbon Neutrality at Big Change Era |  |   |
| The 9th National Transport Safety Plan  | 2022         | <a href="https://www.molit.go.kr/USR/NEWS/m_71/dtl.jsp?id=95086807">https://www.molit.go.kr/USR/NEWS/m_71/dtl.jsp?id=95086807</a>                             |   | Realization of Leading Country in Traffic Safety with People's Trust |   |
| The 2nd National Transport Network Plan | 2021         | <a href="https://www.molit.go.kr/USR/NEWS/m_71/dtl.jsp?cmspage=1&amp;id=95086375">https://www.molit.go.kr/USR/NEWS/m_71/dtl.jsp?cmspage=1&amp;id=95086375</a> |   |  | 1) Guarantee the mobility right without discrimination,<br>2) Safe and sustainable transport<br>3) Autonomous transport in day life<br>4) Realization of Global transport community |
|   |              |   |   |  |   |

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  |
|--|---|--|---|---|
| Promoting Strategy for Carbon Neutrality   | 2020  | 1) Low-Carbonization of Economy Structure<br>2) Establishment of Low-Carbon Industry Ecosystem<br>3) Process Conversion for Carbon Neutrality Society<br>4) Strengthenment of Institutional Basis of Carbon Neutrality |   |   |
| The 9th National Traffic Safety Masterplan | 2022  |  | 1) Reduce 50% of the number of Death Accident in Road Sector<br>2) Keep the Zero Death Accident in Aviation Sector<br>3) Reduce 30% of the number of Death and Missed Accident in in Ocean Sector |   |
| The 2nd National Transport Network Plan    |   |  |   | 1) Complete the Traffic Netwrk for Balanced Development of National Territory<br>2) Make the Transit Eenvironment accessible to any place<br>3) Routinize Eco-friendly Advanced Mobility<br>4) Autonomous transport in day life<br>5) Realization of Global transport community Connecting with Continents and Oceans |
|  |   |  |   |   |

## 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:

| <b>Climate Neutrality Target</b>                |   | Remarks |
|---|---|---------|
| Description target :                            | <a href="#">Reduction of 40% at Basic Year 2018</a>   |         |
| for which year                                  | 2030  |         |
| Source document Title                           | <a href="#">Upgrading 2030 NDC Target</a>   |         |
| Source Document URL                             | <a href="https://www.korea.kr/special/policyCurationView.do?newsId=148881562">https://www.korea.kr/special/policyCurationView.do?newsId=148881562</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.

| <b>Economy Wide CO2 Emissions Reduction Target</b> |   | Remarks |
|--|---|---------|
| Description target :                               | <a href="#">Reduction of 40% of Total Emission Volume at 2018</a>   |         |
| for which year:                                    | 2030  |         |
| If Yes, source document:                           | NDC   |         |
| Source Document URL:                               | <a href="https://www.korea.kr/special/policyCurationView.do?newsId=148881562">https://www.korea.kr/special/policyCurationView.do?newsId=148881562</a> |         |
| 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:

| <b>Transport specific CO2 Emissions Reduction Target(s)</b> | Target 1  | Target 2 | Target 3 |
|---|---|----------|----------|
| Description target(s)                                       | <a href="#">Reduction of 37.8% of Total Emission Volume at 2018</a> |          |          |
| If Yes, for which year                                      | 2030  |          |          |

| Transport specific CO2 Emissions Reduction Target(s) | Target 1  | Target 2 | Target 3 |
|--|---|----------|----------|
| If Yes, source document                              | <a href="#">Roadmap for Carbon Neutrality in Land and Transport</a>   |          |          |
| Source Document URL                                  | <a href="https://www.molit.go.kr/USR/NEWS/m_71/dtl.jsp?lcmspage=1&amp;id=95086352">https://www.molit.go.kr/USR/NEWS/m_71/dtl.jsp?lcmspage=1&amp;id=95086352</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.

#### 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.

#### 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)   | Alternative 1: Over 97% of Eco-friendly Vehicle<br>Alternative 2: Over 85% of Eco-friendly Vehicle + Some Carbon Neutralized Vehilce                            |          |          |
| If Yes, for which year  | 2030  |          |          |
| If Yes, source document | 2050 Carbon Neutrality Policy   |          |          |
| URL source document     | <a href="https://www.korea.kr/special/policyCurationView.do?newsId=148881562">https://www.korea.kr/special/policyCurationV<br/>iew.do?newsId=148881<br/>562</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)                 | 2.83million Vehicles<br>EV: 1.13million Vehicles<br>HV: 0.20million Vehivcles<br>Hybrid: 1.5million Vehicles  | 7.85million Vehicles<br>EV: 3.00million Vehicles<br>HV: 0.85million Vehivcles<br>Hybrid: 4.0million Vehicles |          |
| If Yes, for which year                | 2025  | 2030   |          |
| If Yes, source document               | The 4th Eco-friendly Vehicle Masterplan   |  |          |
| URL Source document                   | <a href="https://motie.go.kr/motie/gov_info/gov_openinfo/sajun/bbs/bbsView.do?bbs_seq_n=163830&amp;bbs_cd_n=81">https://motie.go.kr/motie/gov_info/gov_openinfo/sajun/bbs/bbsView.do?bbs_seq_n=163830&amp;bbs_cd_n=81</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)             | 1) Reduce 50% of the number of Death Accident in Road Sector  |          |          |
| If Yes, for which year            | 2030  |          |          |
| If Yes, source document           | The 9th National Transport Safety Plan  |          |          |
| URL Source Document               | <a href="https://www.molit.go.kr/USR/NEWS/m_71/dtl.jsp?id=95086807">https://www.molit.go.kr/USR/NEWS/m_71/dtl.jsp?id=95086807</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<br><i>See POL-INT-001</i>            | Yes                        | Article 50                | 2014   | Road Transport Law                              |
| Helmet law<br><i>See POL-INT-002</i>               | Yes                        | Article 50                | 2014   | Road Transport Law                              |
| Helmet law passenger<br><i>See POL-INT-003</i>     | No                         |                           |        |   |
| Speed limit<br><i>See POL-INT-004</i>              | Yes                        | Article 19                | 2011   | Enforcement Regulation under Road Transport Law |
| Maximum speed urban road<br><i>See POL-INT-005</i> | Yes<br>Various<br>Standard |                           |        |   |
| Maximum speed rural road<br><i>See POL-INT-005</i> | Yes<br>Various<br>Standard |                           |        |   |
| Alcohol limit<br><i>See POL-INT-006</i>            | Yes                        | Article 2, 44, 148-2, 156 | 2014   | Road Transport Law                              |
|  |                            |                           |        |   |
|  |                            |                           |        |   |
|  |                            |                           |        |   |
|  |                            |                           |        |   |

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: Expressway 5,338km | 2025       | The 5th Mid-term Transport Facility Investment Plan | <a href="https://www.molit.go.kr/USR/NEWS/m_71/dtl.jsp?lcmepage=1&amp;id=95086375">https://www.molit.go.kr/USR/NEWS/m_71/dtl.jsp?lcmepage=1&amp;id=95086375</a> |
| Target 2:                    |            |   |   |
|                              |            |   |   |
|                              |            |   |   |

### 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: Expressway 6,006km | 2025       | The 5th Mid-term Transport Facility Investment Plan | <a href="https://www.molit.go.kr/USR/NEWS/m_71/dtl.jsp?lcmepage=1&amp;id=95086375">https://www.molit.go.kr/USR/NEWS/m_71/dtl.jsp?lcmepage=1&amp;id=95086375</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.

| 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:    | None  |   |  |
| Project 2:    |   |   |  |
| Project 3:    |   |   |  |