# 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).

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**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.

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**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] 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.

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

**Asian Transport Outlook**

## 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 Policies (POL) | Transport Policy Overview | POL-POL-001 | National | NA | NA | POL-POL-001 |
| | 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 (TAR) | Transport Targets Overview | POL-TAR-001 | National | NA | NA | POL-TAR-001 |
| | 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 | POL-INS-001 |
| | 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 15<sup>th</sup> Regional EST Forum.*

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

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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 |
|---|---|---|---|---|---|
| Environment Protection Act, 2019 | 2019 | [Ministry of Forest and Environment (mofe.gov.np)](mofe.gov.np) | To ensure clean and healthy living environment as a basic human rights and to reduce the challenges of climate change | | |
| National Transport Policy 2001/2002 | 2002 | file:///C:/Users/USER/Downloads/National%20Transport%20Policy%202058.pdf | To develop sustainable transport system | To develop safe transport system | |
| National Climate Change Policy 2019 | 2019 | https://www.mofe.gov.np/uploads/documents/climatechangepolicyenglishpdf-9975-841-1660734867.pdf | To contribute to socio-economic prosperity of the nation by building a climate resilient society | | |
| Environment Friendly Transport Policy 2015 | 2015 | | | | |
| National Sustainable Transport Strategy for Nepal 2015-2040 | 2015 | | Environment Friendly and climate | Secure Mobility (City area 30 | People centric affordable, |

| | | | | resilient transport system | km/hr, general highway 50 km/hr, Express ways 80 km/hr | inclusive and accessible transport system |
|---|---|---|---|---|---|---|
| Nepal Road Safety Action Plan (2021-2030) | 2021 | | | | A 50% reduction in road deaths and injuries by 2030 | |

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 road safety act | 2024 | | | |
| National road safety audit policy | 2024 | | | |
| National road crash database policy | 2024 | | | |
| National road crash investigation policy | 2024 | | | |

## 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 : | Nepal's Long-term Strategy for Net-zero Emissions | Use of electrical vehicles will be encouraged. |
| for which year | 2045 | |
| Source document Title | Nepal's Long-term Strategy for Net-zero Emissions, 2021, October. | |
| Source Document URL | [NepalLTLEDS.pdf (unfccc.int)](unfccc.int) | |
| 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 : | Net-zero emissions by the year | |
| for which year: | 2045 | |
| If Yes, source document: | Nepal's Long-term Strategy for Net-zero Emissions | |
| Source Document URL: | https://unfccc.int/sites/default/files/resource/NepalLTLEDS.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 yes, please provide details:

| Transport specific CO2 Emissions Reduction Target(s) | Target 1 | Target 2 | Target 3 |
|---|---|---|---|
| Description target(s) | Reduction of 1.9 | 8.2 mMtCO2e | |

| Transport specific CO2 Emissions Reduction Target(s) | Target 1 | Target 2 | Target 3 |
|---|---|---|---|
| | mMtCO2e | | |
| If Yes, for which year | 2030 | 2050 | |
| If Yes, source document | Nepal's Long-term Strategy for Net-zero Emissions | Nepal's Long-term Strategy for Net-zero Emissions | |
| Source Document URL | https://unfccc.int/sites/default/files/resource/NepalLTLEDS.pdf | https://unfccc.int/sites/default/files/resource/NepalLTLEDS.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?

o Yes          o 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) | Promotion of electric mass passenger transport • Switching fuel to clean energy (electricity, fuel cells, synthetic fuels/biofuels in aviation) <br><br> • Electrification in freight transport <br> • Installation and expansion of charging stations | | |

| Vehicle related CO2 Target(s) | Target 1 | Target 2 | Target 3 |
|---|---|---|---|
| If Yes, for which year | 2030 | | |
| Source document Title | Nepal's Long-term Strategy for Net-zero Emissions | | |
| Source document URL | NepalLTLEDS.pdf (unfccc.int) | | |

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?

o ✓Yes                  o 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) | 15% of the total energy demand is supplied from clean energy sources<br><br>~28% decrease in fossil fuel dependency | | |
| 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?

o Yes          o✔ 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) | | | |
| If Yes, for which year | | | |
| If Yes, source document | | | |
| URL source document | | | |

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?

o✔ Yes             o 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) | 25% of all private vehicle sales will be electric<br>20% of all passenger vehicle sales will be electric | 90% of all private vehicle sales will be electric<br>60% of all public vehicle sales will be elctric | |
| If Yes, for which year | 2025 | 2030 | |
| If Yes, source document | Nepal's Nationally Determined Contribution 2020 | Nepal's Nationally Determined Contribution 2020 | |
| URL Source document | https://unfccc.int/sites/default/files/NDC/2022-06/Second%20Nationally%20Determined%20Contribution%20%28NDC%29%20-%202020.pdf | https://unfccc.int/sites/default/files/NDC/2022-06/Second%20Nationally%20Determined%20Contribution%20%28NDC%29%20-%202020.pdf | |

Please indicate for <span style="color:red">what type of vehicles the E-mobility targets</span> apply.

Please indicate what the <span style="color:red">base year</span> 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 | Target 3 |
|---|---|---|---|
| Description target(s) | 50 % reduction in road crash fatalities | Reducing the road crash fatalities to zero | |
| If Yes, for which year | 2030 | 2050 | |
| If Yes, source document | Nepal Road Safety Action Plan (2021-2030) | Nepal Road Safety Action Plan (2021-2030) | |
| URL Source Document | https://mopit.gov.np/actsdetail/14/2019/29994063 | https://mopit.gov.np/actsdetail/14/2019/29994063 | |

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 | Mandatory for driver | | Motor Vehicle and Transport Management Act 1992 |
| Helmet law *See POL-INT-002* | Yes | Mandatory for rider and Pillion | | Motor Vehicle and Transport Management Act 1992 |
| Helmet law passenger *See POL-INT-003* | Yes | Mandatory | | Motor Vehicle and Transport Management Act 1992 |
| Speed limit *See POL-INT-004* | Yes | Speed limit for different roads | | Motor Vehicle and Transport Management Act 1992 |
| Maximum speed urban road *See POL-INT-005* | Yes | 50 | | Motor Vehicle and Transport Management Act 1992 |
| Maximum speed rural road *See POL-INT-005* | Yes | 80 | | Motor Vehicle and Transport Management Act 1992 |
| Alcohol limit *See POL-INT-006* | Yes | 0 | | Motor Vehicle and Transport Management Act 1992 |
| Drink–drive law *See POL-INT-007* | Yes | 0 | | Motor Vehicle and Transport Management Act 1992 |
| Child restraint law *See POL-INT-008* | No | | | Motor Vehicle and Transport Management Act 1992 |
| | | | | |
| | | | | |

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: 1.5 Km/ Sq. Km. (Road Density) | 2030 | SDG goals 2030 | |
| Target 2: | | | |
| | | | |
| | | | |

### 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: 7,500 km of roads improved through periodical maintenance | 2024 | Fifteenth Five Year Plan (2019/20 – 2023/24) | https://npc.gov.np/images/category/15th_plan_English_Version.pdf |
| Target 2: | | | |
| | | | |
| | | | |

### 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: 306 km of railways constructed and brought into operation | 2024 | Fifteenth Plan (2019/20 – 2023/24) | https://npc.gov.np/images/category/15th_plan_English_Version.pdf |
| Target 2: 200 km of the electric rail network development to support public commuting and mass transportation of goods | 2030 | Nepal Second NDC (p.2) | https://www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Nepal%20Second/Second%20Nationally%20Determined%20Contribution%20(NDC)%20-%202020.pdf |
| | | | |
| | | | |

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: | Set4npl (Sustainable Environment transport for Nepal) | Goal 1 a | |
| Project 2: | Procurement and operation of Electric Buses for Kathmandu by Sajha transport | Goal 1 a | |
| Project 3: | SRCTIP safe corridor project NNM Road | Goal 2 | |
| Project 4: | SRCTIP safe corridor project KDP Road | Goal 2 | |
| Project 5: | Kathmandu Intersection Improvement Project | Goal 2 | |
| Project 6: | Fast Track construction | Goal 6 | |
| Project 7: | North South Trade Route Improvement Project | Goal 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 8: | Nepal North South Trade Route connectivity Improvement Project | Goal 6 | Goal 6 | |