

**Intergovernmental Eleventh Regional Environmentally  
Sustainable Transport (EST) Forum in Asia**

**2-5 October 2018  
Ulaanbaatar, Mongolia**

*Sustainable Urban Design and Development ~ Role of EST*

**Country Report**

**(Draft)**

**< Nepal >**

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This country report was prepared by the Government of Nepal as an input for the Eleventh Regional EST Forum in Asia. The views expressed herein do not necessarily reflect the views of the United Nations.

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

## Country EST Report (covering from Lao EST Forum 2017 to Mongolia EST Forum 2018)

a) Name of the Country:

b) Name, Designation and Line Ministry/Agency Respondent:

c) List other Line Ministries/Agencies contributing to preparation of the Country Report:

d) Reporting period: 2017-2018

With the objective of demonstrating the renewed interest and commitment of Asian countries towards realizing a promising decade (2010-2020) of sustainable actions and measures for achieving safe, secure, affordable, efficient, and people and environment-friendly transport in rapidly urbanizing Asia, the participating countries of the Fifth Regional EST Forum in Asia discussed and agreed on a goodwill and voluntary declaration - “**Bangkok Declaration for 2020 – Sustainable Transport Goals for 2010-2020.**” At the Seventh Regional EST Forum held in Bali in 2013, the participating countries adopted the “**Bali Declaration on Vision Three Zeros- Zero Congestion, Zero Pollution and Zero Accidents towards Next Generation Transport Systems in Asia**” reinforcing the implementation of Bangkok 2020 Declaration (2010-2020) with emphasis to zero tolerance towards congestion, pollution and road accidents in the transport policy, planning and development. Bali Vision Three Zeros calls for a paradigm shift in thinking on the role of motorization and mobility in realizing sustainable development in Asia. In the Eight Regional EST Forum in Colombo, member countries adopted the “**Colombo Declaration**” for the promotion of next generation low-carbon transport solutions in Asia. Subsequently, EST Forum held in Vientiane, Lao PDR in 2017, the member countries adopted the “**Vientiane Declaration on Sustainable Rural Transport towards Achieving the 2030 Agenda for Sustainable Development.**”

*Each member country of the Forum is kindly requested to prepare a consolidated country report (by **15 August 2018**) reflecting how EST trends and developments have taken place in the country from Lao EST Forum 2017 to Mongolia EST Forum 2018 around the Goals of the Bangkok 2020 Declaration as an interim assessment following the below format. You are most welcome to add extra pages or sections to share any major on-going initiatives or future plans, including mega transport projects, transport master plans, special transport corridor development, expansion of railways and rail route developments, etc.*

The objective of the country reporting is to share among international community the voluntary progress/achievements/initiatives include various challenges faced by countries in implementing each of the underlined goals of the Bangkok 2020 Declaration to realize the Bali Vision Three Zeros, the Colombo Declaration and the Vientiane Declaration. This would help development agencies, donors, development banks in assessing the sustainable transport needs and challenges to better devise their existing as well as future capacity building programs and operations in sustainable transport areas.

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

Timeline for submission by **15 August 2018.**

by email to: [est@uncrd.or.jp](mailto:est@uncrd.or.jp)

Goal No.	Goal Description	Voluntary Progress/Achievements/Major Initiatives, including any transport master plans, development of special transport corridors, in Implementing the Bangkok 2020 Declaration from the Lao EST Forum 2017 to the Mongolia EST Forum 2018.		
<b>I. Strategies to <u>Avoid</u> unnecessary travel and reduce trip distances</b>				
“Avoid” Strategy	1	Formally integrate <b>land-use and transport planning</b> processes and related institutional arrangements at the local, regional, and national levels	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> <li>• Expertise and Resource lacking</li> <li>• Insufficient funds</li> </ul>
			<p>Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant.</p> <ul style="list-style-type: none"> <li>• National Transport Policy, 2001 is under revision <a href="http://www.mopit.gov.np">www.mopit.gov.np</a></li> <li>• Provincial and Local Transport Policies are in process of preparation</li> <li>• National Urban Policy 2007 <a href="http://moud.gov.np">moud.gov.np</a></li> <li>• National Urban Development Strategy 2017 <a href="http://www.moud.gov.np">www.moud.gov.np</a></li> <li>• Kathmandu Valley Risk Sensitive Land Use Plan <a href="http://www.kvda.gov.np">www.kvda.gov.np</a></li> <li>• Municipal Transport Master Plan (100 municipality) <a href="http://www.mofald.gov.np">www.mofald.gov.np</a></li> <li>• District Transport Master Plan (77 District) <a href="http://www.mofald.gov.np">www.mofald.gov.np</a></li> </ul>	

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Goal No.	Goal Description	<b>Voluntary Progress/Achievements/Major Initiatives, including any transport master plans, development of special transport corridors, in Implementing the Bangkok 2020 Declaration from the Lao EST Forum 2017 to the Mongolia EST Forum 2018.</b>
		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• Revised National Transport Policy in place</li> <li>• Public transport improvement initiatives in Kathmandu valley- Re routing of Kathmandu Valley Public transport route and substitution of small micro or mini buses with large public buses along the newly defined routes.</li> <li>• Formulation of National Urban Development Plan</li> </ul> <p>What importance does this particular EST Goal attach in your country’s on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <p>Nepal has already prepared the report on “Sustainable Development Goals- Status and Roadmap, 2016-2030 (<a href="http://www.npc.gov.np">www.npc.gov.np</a>). Similarly we are in process of revising urban plans and preparing climate change resilience transport infrastructure guideline. This EST goal will be helpful in aligning our effort to implement the actions and to achieving the goals for SDG, New Urban Agenda, and Climate Change Agreement.</p>

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Goal No.	Goal Description	Voluntary Progress/Achievements/Major Initiatives, including any transport master plans, development of special transport corridors, in Implementing the Bangkok 2020 Declaration from the Lao EST Forum 2017 to the Mongolia EST Forum 2018.	
“Avoid” Strategy	2 Achieve <b>mixed-use development</b> and medium-to-high densities along key corridors within cities through appropriate land - use policies and provide people - oriented local access, and actively promote transit-oriented development (TOD) when introducing new public transport infrastructure	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> <li>• As some Cities are already built-up, difficulties are there to accommodate new system because of space constraints.</li> <li>• Land acquisition is a problem in development of new cities and transport infrastructures too.</li> <li>• Fragmented institutional setup</li> <li>• Lack of Integrated Urban Development Plan of the Municipalities</li> <li>• Poor public transport system</li> </ul>
		Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant. <ul style="list-style-type: none"> <li>• Developing 27 new cities throughout the country (10 along Mid- hill highway, 10 along Postal highway, 5 in Terai region and 2 mid hill towns) <a href="http://www.moud.gov.np">www.moud.gov.np</a></li> <li>• Development and extension of East-West highways (4 nos.) &amp; North-South (9 corridors) Five Year Strategic Plan of MoPIT <a href="http://www.moipt.gov.np">www.moipt.gov.np</a></li> <li>• Transport corridor and Special Economic Zones</li> <li>• Kathmandu Valley Development Authority,</li> <li>• Town Development Committees for the small towns</li> </ul>	

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		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• Implementation of 10 cities along mid hill will be started, design of other 17 cities will be completed</li> <li>• Implementation of Integrated Urban Development Program in 53 Municipalities</li> <li>• Implementation of corridor infrastructure development projects</li> <li>• Secondary Towns Integrated Urban Environmental Improvement Project in three bigger Municipalities (Biratnagar, Birgunj and Butwal)</li> <li>• Develop Cities into Smart Cities in 10 years</li> <li>• Local Infrastructure Development Policy 2005 is under implementation</li> <li>• Kathmandu Valley Risk Sensitive Land-Use Plan</li> </ul> <p><b>Source:</b> 13<sup>th</sup> Plan(FY 2013/14-2015/16) National Planning Commission, <a href="http://www.npc.gov.np">www.npc.gov.np</a> and</p> <ul style="list-style-type: none"> <li>• 14<sup>th</sup> Plan</li> </ul> <hr/> <p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <ul style="list-style-type: none"> <li>• Transport Development Master Plan has been prepared and gradually implementing in municipalities in phase wise,</li> <li>• Minimum standards for the construction of local infrastructure will be enforced.</li> <li>• Infrastructure development and service facilities for the densely populated areas will be implemented.</li> </ul> <p><b>Source:</b> 14<sup>th</sup> Plan</p>

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“Avoid” Strategy	3 Institute policies, programmes, and projects supporting <b>Information and Communications Technologies</b> (ICT), such as internet access, teleconferencing, and telecommuting, as a means to reduce unneeded travel	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some progress (design – piloting) <input checked="" type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> <li>• Lack of service quality due to lack of competition between service provider</li> <li>• Irregular power supply.</li> <li>• Costing of the dedicated internet services required for the teleconferencing.</li> <li>• Lack of awareness in the multiple uses of internet facility as part of development.</li> </ul>
		Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant. <ul style="list-style-type: none"> <li>• Conversion of TV channel from analogue to digital technology. (Currently, most of the households are connected via analogue technology.)</li> <li>• Increment in the telephone service provider. 6 telephone service provider companies have emerged in this period.</li> <li>• All the village development committees are connected via telephone service (PSTN). It's a total of 2.17 million telephones. Telephone density has reached 81.72 percent and internet users are 71, 37,730 and increasing.</li> <li>• 31 local television channels, 722 cable operators and 489 local and national radio stations (including FM) companies in operation.</li> <li>• Telephone and mobile usage has reached 110.25(per hundred densities).</li> </ul> <p><b>Source:</b> 13<sup>th</sup> Plan.</p>	

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		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• .Internet access service to be provided to 65 percent (population) (2018 /1 9)</li> <li>• New information and communication technologies and services, to be used.</li> <li>• Broadband and optical fiber network to be installed nationwide.</li> <li>• Use of orbital stall for Nepal and state owned satellites to be developed.</li> <li>• Regional service delivery through e-governance to be made effective.</li> <li>• All Regional Broadcasting centre to be enhanced.</li> </ul> <p><b>Source:</b> <i>14th Plan.</i></p> <p>What importance does this particular EST Goal attach in your country’s on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <table border="1"> <thead> <tr> <th>Targets and Indicators(9.1c )</th> <th>2017</th> <th>2020</th> <th>2022</th> <th>2025</th> <th>2030</th> </tr> </thead> <tbody> <tr> <td>Tele-density (%of population)</td> <td>90.7</td> <td>92.8</td> <td>94.3</td> <td>96.4</td> <td>100</td> </tr> </tbody> </table> <p><b>Source :</b>  <i>Sustainable Development Goals (SDG) 2016-2030, National (Preliminary) Report, Government of Nepal. National Planning Commission, <a href="http://www.npc.gov.np">www.npc.gov.np</a></i></p>	Targets and Indicators(9.1c )	2017	2020	2022	2025	2030	Tele-density (%of population)	90.7	92.8	94.3	96.4	100
Targets and Indicators(9.1c )	2017	2020	2022	2025	2030									
Tele-density (%of population)	90.7	92.8	94.3	96.4	100									
<p><b>II. Strategies to <u>Shift</u> towards more sustainable modes</b></p>														



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“Shift” Strategy	4 Require <b>Non-Motorized Transport</b> (NMT) components in transport master plans in all major cities and prioritize transport infrastructure investments to NMT, including wide-scale improvements to pedestrian and bicycle facilities, development of facilities for intermodal connectivity, and adoption of complete street design standards, wherever feasible	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> <li>• Lack of competition between transport entrepreneurs and understanding of non-motorized transport system.</li> <li>• Lack of proper pedestrian and bicycle lanes to encourage 40% people who commute NMT mode daily.</li> <li>• Lack of green belt and comfortable pedestrian pathways and interconnected pedestrian and bicycle lane to avoid longer distance.</li> </ul>
		Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant. <ul style="list-style-type: none"> <li>• Bicycle lanes are being developed in Kathmandu Valley Road Improvement project.</li> <li>• Concept of bicycle lane has been developed in other cities too.</li> </ul>	
		Examples of important actions that you plan to carry out in next year <ul style="list-style-type: none"> <li>• Nepal Urban Road Standard will be in place.</li> <li>• Pedestrian commute route construction in Kathmandu city area under Kathmandu Sustainable Transport Project.</li> </ul>	

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		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <p><b>Target 11.2</b></p> <p>By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those invulnerable situations, women, children, persons with disabilities and older persons.</p> <table border="1"> <thead> <tr> <th>Targets and Indicators</th> <th>2017</th> <th>2020</th> <th>2022</th> <th>2025</th> <th>2030</th> </tr> </thead> <tbody> <tr> <td>11.2a Availability of Safe Roads (%)</td> <td>9.5</td> <td>18.8</td> <td>25.1</td> <td>34.4</td> <td>50</td> </tr> </tbody> </table> <p><b>Source :</b>  <i>Sustainable Development Goals (SDG) 2016-2030, National (Preliminary) Report, Government of Nepal. National Planning Commission, <a href="http://www.npc.gov.np">www.npc.gov.np</a></i></p>						Targets and Indicators	2017	2020	2022	2025	2030	11.2a Availability of Safe Roads (%)	9.5	18.8	25.1	34.4	50
Targets and Indicators	2017	2020	2022	2025	2030														
11.2a Availability of Safe Roads (%)	9.5	18.8	25.1	34.4	50														
“Shift” Strategy	5	<p>Improve <b>public transport</b> services including high quality and affordable services on dedicated infrastructure along major arterial corridors in the city and connect with feeder services into residential communities</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> <li>• Lack of open space and difficulties in land acquisition</li> <li>• Lack of integrated land use plan and utility plan relating to sewage, power- line, road expansion etc.</li> <li>• Lack of sufficient budget</li> </ul>															

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		<p>Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant.</p> <ul style="list-style-type: none"> <li>• Strategic Plan of Ministry of Physical Infrastructure and Transport (MoPIT), 2017-2022</li> <li>• Master plan of Strategic Roads, 2002-2022</li> <li>• Decentralized Rural Infrastructure and Livelihood Programs, DoLIDAR</li> <li>• Rural Access Program ( third phase), DoLIDAR</li> <li>• Road maintenance Program through Road Board Nepal</li> </ul> <p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• Initiation of Widening and Improvement of East-West Highway with physical median</li> <li>• Completion of Kathmandu Valley Road Improvement Project (Ist Phase) and</li> <li>• Significant progress in Bagmati andi Bishnumati corridor roads in Kathmandu</li> <li>• Completion of Rehabilitation of Earthquake damaged infrastructure.</li> </ul> <p>What importance does this particular EST Goal attach in your country’s on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <p><b>SDG Target 9.1</b> Develop quality, reliable, sustainable and resilient infrastructure, including regional and trans-border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all</p> <table border="1"> <thead> <tr> <th>Target and Indicator</th> <th>2017</th> <th>2020</th> <th>2022</th> <th>2025</th> <th>2030</th> </tr> </thead> <tbody> <tr> <td>9.1a Road density (km/sq km)</td> <td>0.5</td> <td>2.15</td> <td>2.72</td> <td>3.58</td> <td>5</td> </tr> <tr> <td>9.1b Paved road density (km/sq km)</td> <td>0.02</td> <td>0.04</td> <td>0.06</td> <td>0.08</td> <td>0.12</td> </tr> </tbody> </table>	Target and Indicator	2017	2020	2022	2025	2030	9.1a Road density (km/sq km)	0.5	2.15	2.72	3.58	5	9.1b Paved road density (km/sq km)	0.02	0.04	0.06	0.08	0.12
Target and Indicator	2017	2020	2022	2025	2030															
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“Shift” Strategy	6 Reduce the urban transport mode share of private motorized vehicles through <b>Transportation Demand Management</b> (TDM) measures, including pricing measures that integrate congestion, safety, and pollution costs, aimed at gradually reducing price distortions that directly or indirectly encourage driving, motorization, and sprawl	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> <li>• Increased vehicle fleet of low passenger occupancy.</li> <li>• Lack of multi modal transport system in place</li> <li>• Increased road crashes</li> <li>• Transport operator’s cartelling and syndicate</li> </ul>
		Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant. <ul style="list-style-type: none"> <li>• As the carteling of transport operators in public transport sector has recently been demolished, the reform of public transport sector is going to be initiated with new companies.</li> <li>• Public transport services in Kathmandu Valley by SAJHA YATYAT and Kathmandu Metropolitan City</li> </ul>	

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		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• Implementation of Kathmandu Valley Transport Master Plan</li> <li>• Strict Implementation of seat reservation facilities to women, senior citizens and persons with disabilities.</li> <li>• Initiation of busses with modern facilities in busy metropolitan routes with the involvement public, private and cooperative sectors.</li> <li>• Starting Mass Transport (Bus) in Kathmandu valley</li> <li>• Initiation of Intelligent Traffic management system for effective management of Kathmandu valley traffic.</li> <li>• Effective implementation of Vehicle standards compliance and monitoring service</li> </ul> <p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <p><b>SDG Target 11.2</b> By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those invulnerable situations, women, children, persons with disabilities and older persons</p> <table border="1"> <thead> <tr> <th>Target and Indicators</th> <th>2017</th> <th>2020</th> <th>2022</th> <th>2025</th> <th>2030</th> </tr> </thead> <tbody> <tr> <td>11.2b Availability of safe public transport (%)</td> <td>9.5</td> <td>18.8</td> <td>25.1</td> <td>34.4</td> <td>50</td> </tr> <tr> <td>11.2d Access to a road within 30 min of walking</td> <td>56.8</td> <td>62.1</td> <td>65.7</td> <td>71.1</td> <td>80</td> </tr> </tbody> </table>	Target and Indicators	2017	2020	2022	2025	2030	11.2b Availability of safe public transport (%)	9.5	18.8	25.1	34.4	50	11.2d Access to a road within 30 min of walking	56.8	62.1	65.7	71.1	80
Target and Indicators	2017	2020	2022	2025	2030															
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“Shift” Strategy	7 Achieve significant shifts to more sustainable modes of <b>inter-city passenger and goods transport</b> , including priority for high-quality long distance bus, inland water transport, high-speed rail over car and air passenger travel, and priority for train and barge freight over truck and air freight by building supporting infrastructure such as dry inland ports	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> <li>• Geographical and Geological difficulties</li> <li>• Lack of technical expertise</li> <li>• Lack of fund needed in a huge amount</li> </ul>
		Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant. <ul style="list-style-type: none"> <li>• Improvement of Existing East west highway has been started</li> <li>• Prithvi Highway widening project is ready for implementation to improve intercity connectivity between the capital city Kathmandu and the touristic city Pokhara.</li> <li>• Upgrading of Mid hill highway, Postal highway and Inner Terai highway is ongoing</li> <li>• East West railway construction project is initiated.</li> <li>• Railway linking Kathmandu Nepal with Northern Border with China and Southern Border with India has been initiated.</li> <li>• Improvement of Tribhuvan International Airport and Bhairahawa and Pokhara Regional airport is ongoing.</li> <li>• Freight train service from the port in India to border ICP on Nepal sides is in operation at Birganj and under construction in Biratnagar and Bhairahawa.</li> <li>• Construction of ICDs at major import export border points are ongoing</li> <li>• Feasibility of Metro train and monorail in Kathmandu initiated</li> </ul>	

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

Goal No.	Goal Description	Voluntary Progress/Achievements/Major Initiatives, including any transport master plans, development of special transport corridors, in Implementing the Bangkok 2020 Declaration from the Lao EST Forum 2017 to the Mongolia EST Forum 2018.
		<p>Examples of important actions that you plan to carry out in next year</p> <p>East-West highway improvent project will be started in 2018.</p> <p>Prithvi highway improvement project will be started in 2018-19</p> <p>Jayanagar (India)- Janakpur railway service wii be started by 2018</p> <p>Kathmandu – Rasuwagadhi (Nepal- China border) railway DPR will be prepared in one year.</p> <p>Kathmandu- Birganj- Raaxaul (Nepal- India border) railway DPR will be in place in 1 year</p> <p>Feasibility Study of Metro train in Kathmandu will be completed.</p> <p>Kathmandu International airport Pokhara Regional Airport improvement projects will have significant progress in next year.</p> <p>Bhairahawa Regional airport improvement project will be completed in one year.</p> <hr/> <p>What importance does this particular EST Goal attach in your country’s on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <p>The initiatives mentioned above will certainly help to achieve SDG goal on Transport and infrastructure sector.</p>

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

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<b>III. Strategies to <u>Improve</u> transport practices and technologies</b>			
“Improve” Strategy	8	Diversify towards more sustainable <b>transport fuels and technologies</b> , including greater market penetration of options such as vehicles operating on electricity generated from renewable sources, hybrid technology, and natural gas	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)
			Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> <li>• No production of Crude oil in nation hence all oil is imported.</li> <li>• Insufficient power production for electricity supply.</li> </ul> Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant. <ul style="list-style-type: none"> <li>• Electric para- motor vehicles (Three-Wheelers) are in practice since a decade back.</li> <li>• Policy intervention has been made in promoting use of Electric vehicles.</li> <li>• Right Honorable President, Vice Chairman of National Planning Commission and some ministers has started using electric vehicles as the example for its promotion.</li> <li>• East- West and North- South railways are being designed as electrified railway</li> <li>• Hydro electricity projects are being implemented to achieve sufficient power for all type of domestic use by 2022.</li> <li>• Transport policy is under revision to promote the use of electric vehicles, target of 50% vehicles to be electric powerd by 2030 has been set.</li> </ul>



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		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• Further Promotion of use of electric vehicles.</li> </ul> <hr/> <p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <ul style="list-style-type: none"> <li>• To foster environmental awareness and care programs will be conducted on public level.</li> </ul> <p><b>Source:</b> 14<sup>th</sup> plan</p>	
“Improve” Strategy	<p>9 Set progressive, appropriate, and affordable <b>standards</b> for fuel quality, fuel efficiency, and tailpipe emissions for all vehicle types, including new and in-use vehicles</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> <li>• Full dependency in imported fossil fuel</li> <li>• Inadequate technology and manpower for testing and checking of fuel ,</li> <li>• Resource constraint.</li> <li>• Lack of public awareness.</li> <li>• Effective implementation of emission checking system</li> </ul>

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

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		<p>Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant.</p> <ul style="list-style-type: none"> <li>• All Vehicles should be euro standard.</li> <li>• Foster the use of leadless petroleum.</li> <li>• Implement the COP (Certificate of Pollution).</li> </ul> <p>Source: Department of Transport Management (DoTM)</p> <hr/> <p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• Vehicle Emission Checking centers will be expanded up to all 7 provinces</li> <li>• Substitution of all vehicles aged more than 20 years</li> </ul> <hr/> <p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <ul style="list-style-type: none"> <li>• Vehicle Emission level will be kept within the target of SDG by implementing the measures stated above.</li> </ul>

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

Goal No.	Goal Description	Voluntary Progress/Achievements/Major Initiatives, including any transport master plans, development of special transport corridors, in Implementing the Bangkok 2020 Declaration from the Lao EST Forum 2017 to the Mongolia EST Forum 2018.	
"Improve" Strategy	10 Establish effective vehicle testing and compliance regimes, including formal vehicle registration systems and appropriate periodic vehicle <b>inspection and maintenance</b> (I/M) requirements, with particular emphasis on commercial vehicles, to enforce progressive emission and safety standards, resulting in older polluting commercial vehicles being gradually phased-out from the vehicle fleet, as well as testing and compliance regimes for vessels	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> <li>• Lack of technology, manpower, priority and</li> <li>• Fund insufficiency.</li> </ul>
		Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant. <ul style="list-style-type: none"> <li>• Effective Vehicle fitness and emission checking system in place.</li> <li>• Promotional interventions to encourage use alternative and renewable energy based vehicles</li> <li>• Import of euro standard vehicles only.</li> <li>• Test of emission and vehicle condition of vehicle every four months of public transport and every year of private transport. Establishment of Road Safety Council</li> <li>• Establishment of Road Safety Council</li> <li>• Commitment on Road Safety Action Plan</li> <li>• Revision of Road Safety Act and Regulation</li> <li>• Revision of Vehicle and Transport Management Act and Regulation</li> </ul>	<b>Source:</b> Ministry of Physical Infrastructure and Transport : <a href="http://www.mopit.gov.np">www.mopit.gov.np</a>

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

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		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• Vehicle fitness centers will be expanded up to the Province level in Public- Private – Partnership (PPP) modality.</li> <li>• Revision of Road Safety Act and Regulation will be completed</li> <li>• Revision of Vehicle and Transport Management Act and Regulation will be completed</li> <li>• All public vehicles older than 20 years will be replaced.</li> </ul> <p><b>Source:</b> Ministry of Physical Infrastructure and Transport</p> <p>What importance does this particular EST Goal attach in your country’s on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>	
“Improve” Strategy	11 Adopt <b>Intelligent Transportation Systems</b> (ITS), such as electronic fare and road user charging systems, transport control centres, and real-time user information, when applicable	<p>Any action had been taken so far?</p> <p><input checked="" type="checkbox"/> Not yet</p> <p><input type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> <li>• Lack of Technology and Expertise</li> <li>• Policy gap</li> <li>• Funding Gap</li> <li>• Infrastructure constraints</li> </ul>

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

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		<p>Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant.</p> <ul style="list-style-type: none"> <li>Recommended in the Report recently submitted to the Ministry of Physical Infrastructure and Transport by the Committee formulated for recommending the measures for improvements in Public Transport</li> </ul>	
		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>Traffic Intelligence System in Kathmandu Valley will be initiated as a Pilot project on PPP basis</li> </ul>	
		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>	
"Improve" Strategy	12 Achieve improved <b>freight transport</b> efficiency, including road, rail, air, and water, through policies, programmes, and projects that modernize the freight vehicle technology, implement fleet control	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> <li>Geographic constraint – Land locked</li> <li>Syndicate of Freight transport operators</li> <li>Poor infrastructures</li> </ul>

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

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	and management systems, and support better logistics and supply chain management	<p>Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant.</p> <ul style="list-style-type: none"> <li>• Axle load control centers for checking the weight of freight vehicles in place</li> <li>• Syndicate of the truck operators abolished</li> <li>• A piloting has been completed in Use of Electronic Cargo Tracking System in Transshipment process from the Indian port Vishakhapatana to Birganj ICD (28<sup>th</sup> Aug 2018)</li> </ul> <hr/> <p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• Establishing two more axle load control centers</li> <li>• Fully abolishing syndicate system of the truck operators</li> <li>• Regular Use of Electronic Cargo Tracking System in Vishakhapatanam port</li> <li>• Piloting of the same system in Kolkata port also</li> </ul> <hr/> <p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving the Sustainable Development Goals (SDGs) under the 2030 Agenda for Sustainable Development?</p> <ul style="list-style-type: none"> <li>• Will improve the quality of the freight transport service</li> </ul>

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

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<b>IV. <u>Cross-cutting</u> strategies</b>				
“Cross-Cutting” Strategy	13	Adopt a zero-fatality policy with respect to road, rail, and waterway <b>safety</b> and implement appropriate speed control, traffic calming strategies, strict driver licensing, motor vehicle registration, insurance requirements, and better post-accident care oriented to significant reductions in accidents and injuries	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> <li>• Lack of adequate awareness</li> <li>• Reckless driving</li> <li>• Poor vehicle conditions</li> <li>• Poor road infrastructures</li> <li>• Poor post crash response system</li> </ul>
	Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant. <ul style="list-style-type: none"> <li>• Road transport is the dominating mode in overall transportation system in the country</li> <li>• Establishment of Road Safety Council (AD-hoc)</li> <li>• Road safety audit system in place</li> <li>• Road safety action plan in place</li> <li>• Increased awareness programs</li> <li>• Importance of road safety is given priority gradually</li> </ul>			

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		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• More awareness programs and campaigns</li> <li>• Improve speed control by time card.</li> <li>• Launching of new technology in driver licensing system.</li> <li>• It is compulsory to register vehicle, third party insurance per year under VRS (Vehicle Registration System).</li> <li>• Provision of passenger and third party insurance and compensation for accident is secured within the tickets.</li> <li>• Source : <a href="http://www.dotm.gov.np">www. dotm.gov.np</a></li> </ul> <p>What importance does this particular EST Goal attach in your country’s on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>	
“Cross-Cutting”	14 Promote monitoring of the <b>health</b> impacts from transport emissions and noise, especially with regard to incidences of asthma, other pulmonary diseases, and heart disease in major cities, assess the economic	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> <li>• Inadequate public awareness.</li> <li>• Failure to maintain stakeholder’s environmental liability and compatibility.</li> <li>• Low level of economy of the country</li> </ul>



# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

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	<p>impacts of air pollution and noise, and devise mitigation strategies, especially aiding sensitive populations near high traffic concentrations</p>	<p>Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant.</p> <ul style="list-style-type: none"> <li>• Air quality and pollution-related criteria and standards determined by the Nepal vehicle authority have been implemented. VFTC established.</li> <li>• Replacement of vehicles older than 20 years are to be scrapped with ownership not transferable.</li> <li>• Provision of sticker on vehicle for environmental compliance.</li> <li>• Low taxation for hybrid cars and nominal taxation for fully electric cars.</li> <li>• ‘Polluters must pay" and "Removing pollution is beneficial” Slogans implemented as the principle that is necessary for mechanisms in the development and implementation of environmentally friendly fuels.</li> <li>• Reduction of pollution is encouraged and promotion of the use of public transportation services.</li> </ul> <p>Source: MoPIT, DoTM and 14<sup>th</sup> plan.</p> <p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• Converting public utility vehicles to liquid petroleum gas and renewable energy sources and establishing and expanding an efficient mass transport system.</li> <li>• Ensuring the movement of vehicles at optimum speed of fuel consumption by reducing congestion.</li> <li>• Reducing dependency on Petroleum through use of clean and renewable energy.</li> </ul>

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

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		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <p>SDG 13</p> <table border="1"> <thead> <tr> <th>Target and Indicators</th> <th>2017</th> <th>2020</th> <th>2022</th> <th>2025</th> <th>2030</th> </tr> </thead> <tbody> <tr> <td>13.1.c Greenhouse gases (GHG)emitted by transport sector (%)</td> <td>10.9</td> <td>9.8</td> <td>9</td> <td>7.9</td> <td>6</td> </tr> </tbody> </table>						Target and Indicators	2017	2020	2022	2025	2030	13.1.c Greenhouse gases (GHG)emitted by transport sector (%)	10.9	9.8	9	7.9	6
Target and Indicators	2017	2020	2022	2025	2030														
13.1.c Greenhouse gases (GHG)emitted by transport sector (%)	10.9	9.8	9	7.9	6														
“Cross-Cutting”	<p>15 Establish country-specific, progressive, health-based, cost-effective, and enforceable <b>air quality and noise</b> standards, also taking into account the WHO guidelines, and mandate monitoring and reporting in order to reduce the occurrence of days in which pollutant levels of particulate matter, nitrogen oxides, sulphur oxides, carbon monoxide, and ground-level ozone exceed the national standards or zones where noise levels exceed the national standards, especially with regard to environments near high</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> <li>• Lack of equipment, technical manpower, monitoring</li> <li>• Lack of public awareness.</li> <li>• Lack of government priority</li> </ul>																
		<p>Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant.</p> <ul style="list-style-type: none"> <li>• Department of Environment (DoE) established 3 monitoring stations: 2 in Kathmandu valley and 1 in Dulikhel. The data from air quality monitoring can be accessed through the website. ; <a href="http://www.dotm.gov.np">www.dotm.gov.np</a></li> </ul>																	

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	traffic concentrations	<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• Environment friendly fuels and reduction of pollution will be encouraged to through the promotion and the use of public transportation services.</li> <li>• Encourage to mix ethanol in petroleum.</li> <li>• Manufacture bio-fuel to partially replace petroleum.</li> <li>• Low custom duty for environment friendly vehicle.</li> <li>• Increase in hydropower production capacity.</li> </ul> <hr/> <p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <ul style="list-style-type: none"> <li>• Environment friendly and less polluting fuel to be used in transport services.</li> <li>• Formulation of necessary policy for production of bio-fuel partly as an alternative to petroleum products.</li> <li>• Automation technology will be established for vehicle pollution measurements in major areas.</li> </ul>

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

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“Cross-Cutting” Strategy	16 Implement sustainable low-carbon transport initiatives to mitigate the causes of <b>global climate change</b> and to fortify national <b>energy security</b> , and to report the inventory of all greenhouse gases emitted from the transport sector in the National Communication to the UNFCCC	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> <li>• Lack of financial resources to shift towards low carbon transport initiatives</li> <li>• Lack of policy (strategy)</li> <li>• In spite of Nepal having no effect due to pollution created here (Due to 40% of total land mass covered with trees and agriculture as major source of GDP) on global climate, the greenhouse gas emissions from transport is affecting locally in forms of heath and better livelihood.</li> <li>• Lack of public awareness.</li> <li>• Use of Firewood as fuel.</li> </ul>
		<p>Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant.</p> <ul style="list-style-type: none"> <li>• Low Carbon Economic Development Strategy has been formulated</li> <li>• Nepal pollution standards in place</li> <li>• Fast pace in the production of energy through the development of hydropower.</li> <li>• Initiatives for eco fuel and electric vehicles are to be implemented.</li> </ul>	

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

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		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• Establishment of automated technology for vehicle pollution measurements in the major areas.</li> <li>• Use of Alternative and Renewable Energy vehicles will be further encouraged.</li> <li>• Vehicle age, pollution standards are defined and provision of re-evaluation for specific vehicles.</li> </ul> <hr/> <p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <ul style="list-style-type: none"> <li>• <b>SDG Target 12.6</b> Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle</li> </ul>	
"Cross-Cutting" Strategy	17 Adopt <b>social equity</b> as a planning and design criteria in the development and implementation of transport initiatives, leading to improved quality, safety and security for all and especially for women, universal accessibility of streets and public transport systems for persons with	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> <li>• Weak enforcement of rules and regulation.</li> <li>• Lack of effective coordination among different line agencies for implementation of policy provision that clearly mention the issue of social equity.</li> </ul>

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

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	<p>disabilities and elderly, affordability of transport systems for low-income groups, and up-gradation, modernization and integration of intermediate public transport</p>	<p>Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant.</p> <ul style="list-style-type: none"> <li>• Provision of seat reservation and rental facilities in public transport to senior citizens and persons with disabilities</li> <li>• Provision of seat reservations and arrangements to women.</li> <li>• Initiation of low price fares for disabilities and elderly, through enabling concession in the fare and promote affordability of transport systems for low-income groups through initiation of concessions in fare.</li> </ul> <hr/> <p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• Seat reservation and rental facilities to senior citizens and persons with disabilities</li> <li>• Seat reservations and arrangements continue to be made to women.</li> <li>• Initiation of low price fare for disabilities and elderly, through enabling concession in the fare to be continued. Also the promotion of affordability of transport systems for low-income groups through initiation of concessions in fare to be continued.</li> </ul>

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

Goal No.	Goal Description	Voluntary Progress/Achievements/Major Initiatives, including any transport master plans, development of special transport corridors, in Implementing the Bangkok 2020 Declaration from the Lao EST Forum 2017 to the Mongolia EST Forum 2018.	
		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <p><b>Target 11.2</b> By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with <b>special attention to the needs of those invulnerable situations, women, children, persons with disabilities and older persons.</b></p>	
"Cross-Cutting" Strategy	18 Encourage innovative <b>financing</b> mechanisms for sustainable transport infrastructure and operations through measures, such as parking levies, fuel pricing, time-of-day automated road user charging, and public-private partnerships such as land value capture, including consideration of carbon markets, wherever feasible	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> <li>• Unplanned urbanization leading to low density of open and public spaces.</li> <li>• Lack of infrastructure for regular and time bound transit service.</li> </ul>
		<p>Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant.</p> <ul style="list-style-type: none"> <li>• Plans to remove parking of large vehicles from crowded spaces to open spaces on city outskirts.</li> <li>• Building code with parking spaces underground or otherwise initiated.</li> </ul>	

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

Goal No.	Goal Description	Voluntary Progress/Achievements/Major Initiatives, including any transport master plans, development of special transport corridors, in Implementing the Bangkok 2020 Declaration from the Lao EST Forum 2017 to the Mongolia EST Forum 2018.	
		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• Low cost interest for transport entrepreneurs those directly helping carbon reduction and public congestion</li> <li>• Innovative IT solutions for quick transit and traffic management with help of GPS and 4G Services.</li> </ul> <p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>	
“Cross-Cutting” Strategy	19 Encourage widespread distribution of <b>information and awareness</b> on sustainable transport to all levels of government and to the public through outreach, promotional campaigns, timely reporting of monitored indicators, and participatory processes	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> <li>• Lack of funding.</li> </ul>
		<p>Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant.</p> <ul style="list-style-type: none"> <li>• School curriculum includes environment and social studies.</li> <li>• Media outlets encouraged to promote awareness.</li> </ul>	



# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

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		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• Implementation of road safety checks to reduce accident in all the phases of road design, construction and standardization.</li> <li>• Collaboration with public, private and co-operative sector to promote public transport.</li> </ul>	
		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>	
"Cross-Cutting"	20	<p>Develop dedicated and funded <b>institutions</b> that address sustainable transport-land use policies and implementation, including research and development on environmentally-sustainable</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p> <p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> <li>• Lack of adequate priority from the government for research works.</li> <li>• Lack of Funding.</li> </ul>

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

Goal No.	Goal Description	Voluntary Progress/Achievements/Major Initiatives, including any transport master plans, development of special transport corridors, in Implementing the Bangkok 2020 Declaration from the Lao EST Forum 2017 to the Mongolia EST Forum 2018.
	transport, and promote good <b>governance</b> through implementation of environmental impact assessments for major transport projects	<p>Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant.</p> <ul style="list-style-type: none"> <li>• Comprehensive Environment related policies and legal documents are in place but transport related researches are lacking</li> <li>• Technical support to be provided to rural areas such as to engineers where local sector wants to construct roads on self-funding to support sustainable development model.</li> </ul> <hr/> <p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• Awareness programs for the political level and to the public participation.</li> <li>• Study are being conducted for use of Eco-Friendly transport systems such as Trams, Rope- Way and Tunnels to reduce distance of travel.</li> <li>• More priority to be given for sustainable and climate change resilient infrastructures.</li> <li>• Major policy initiatives/ projects/ action plan to improve rural access: for their sustainability</li> </ul> <hr/> <p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

“Cross-Cutting” Strategy	<p>Take policy initiatives to <b>improve rural access</b> leading to improved quality, safety and security for all and especially for women, disadvantaged groups persons with disabilities and elderly, low-income groups, access to farms, agriculture centers, education and health</p>	<p>List some of actions taken to improve rural access in your country so far?</p>	<p>Barriers/Challenges faced <b>in improving rural connectivity</b>:</p> <ul style="list-style-type: none"> <li>• Lack of adequate resources as per growing demand</li> <li>• Insufficient Technical manpower</li> <li>• Topographical and Geological Challenges</li> <li>• Lack of availability of modern technology</li> <li>• Scattered and traditional settlement</li> </ul>
		<p>Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions to <b>improve rural access</b>. Please attach reports or include websites where relevant.</p> <ul style="list-style-type: none"> <li>• Designation of Provincial road networks and implementation their improvement</li> <li>• Implementation of DTMP-District Transport Master Plan.</li> <li>• Construction and improvement of Agriculture/ Feeder road village roads.</li> <li>• Upgrading of existing major roads in to paved roads.</li> <li>• Gender Responsive Budgeting system in place</li> <li>• Remote area development programs in place</li> </ul>	
		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> <li>• Implement gender responsive budget.</li> <li>• Inclusive programs on local level for low-income households (e.g. Food for work).</li> <li>• Connectivity to the upper mountainous region via suitable mode of transport e.g. roads. Cable car, Ropeways etc.</li> </ul>	

# 11th Regional EST Forum in Asia, 2-5 October 2018, Ulaanbaatar, Mongolia

			<p>Importance of improving <b>rural access</b> in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <ul style="list-style-type: none"><li>• Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive</li></ul>
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