

10th Regional EST Forum in Asia, 14-16 March 2017, Vientiane, Lao PDR

Intergovernmental Tenth Regional Environmentally Sustainable Transport (EST) Forum in Asia

2030 Road Map for Sustainable Transport ~Aligning with Sustainable Transport Development Goals (SDGs)~

Country Report

(Draft)

<Nepal>

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

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Country EST Report (covering from Nepal EST Forum 2015 to Lao EST Forum 2017)

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| <p>a) Name of the Country: Nepal</p> <p>b) Name, Designation and Line Ministry/Agency Respondent:
Er. Shambhu KC, Joint Secretary, Ministry of Urban Development
Mr. Iswar Raj Dahal, Under Secretary, Ministry of Population and Environment</p> <p>c) List other Line Ministries/Agencies contributing to preparation of the Country Report: National Planning Commission, Ministry of Federal Affairs and Local Development and Ministry of Physical Infrastructure and Transport</p> <p>d) Reporting period: 2015-2017</p> |
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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. Subsequently, EST member countries adopted the “**Colombo Declaration**” for the promotion of next generation low-carbon transport solutions in Asia.

*Each member country of the Forum is kindly requested to prepare a consolidated country report (by **15 January 2017**) reflecting how EST trends and developments have taken place in the country from Nepal EST Forum 2015 to Lao PDR EST Forum 2017 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

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- Zero Congestion, Zero Pollution, and Zero Accidents towards Next Generation Transport Systems in Asia. 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.

Timeline for submission by **10 February 2017.**

By email to: 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 Nepal EST Forum 2015 to Lao EST Forum 2017.	
I. Strategies to <u>Avoid</u> unnecessary travel and reduce trip distances			
“Avoid” Strategy	1	Formally integrate land-use and transport planning processes and related institutional arrangements at the local, regional, and national levels	Any action had been taken so far? <input type="checkbox"/> Not yet <ul style="list-style-type: none"> • Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)
			Barriers/Challenges faced in implementation: <ol style="list-style-type: none"> 1. Delay in land acquisition 2. Insufficient funds 3. Lack of elected representative in Local Government

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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> <ol style="list-style-type: none"> 1. National Urban Policy 2007 moud.gov.np 2. National Urban Development Strategy 2017 www.moud.gov.np 3. Kathmandu Valley Risk Sensitive Land Use Plan www.kvda.gov.np 4. Municipal Transport Master Plan (100 municipality) www.mofald.gov.np 5. District Transport Master Plan (75 District) www.mofald.gov.np 6. Development of special transport corridor and Special Economic Zones along Birgunj-Pathalaya, Bhairahawa-Butwal, Biratnagar-Ithari-Dharan etc sector
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ol style="list-style-type: none"> 1. Revision of Transport Policy 2. Formulation of National Adoption Plan 3. Formulation of National Urban Development Plan 4. Public transport improvement projects 5. Road infrastructure development project

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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 Nepal EST Forum 2015 to Lao EST Forum 2017.	
		<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> <p>Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</p> <p>Goal 11. Make cities and human settlements inclusive, safe, resilient and sustainable</p> <ul style="list-style-type: none"> • 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 in vulnerable situations, women, children, persons with disabilities and older persons 	
“Avoid” Strategy	2 Achieve mixed-use development 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	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <ul style="list-style-type: none"> • Some progress (design – piloting) <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> <ol style="list-style-type: none"> 1. Private land 2. Fragmented institutional setup 3. Lack of Integrated Urban Development Plan of the Municipalities 4. Lack of public transport system 5. Limited budget

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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 Nepal EST Forum 2015 to Lao EST Forum 2017.
	development (TOD) when introducing new public transport infrastructure	<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> <ol style="list-style-type: none"> 1. Implementation of Integrated Urban Development Program in 53 Municipalities 2. Implementation of corridor infrastructure development projects 3. Secondary Towns Integrated Urban Environmental Improvement Project in three Municipalities (Biratnagar, Birgunj and Butwal) 4. Develop Cities into Smart Cities in 10 years 5. Local Infrastructure Development Policy 2005 is under implementation 6. Kathmandu Valley Risk Sensitive Land-Use Plan <p>Source: 13th Plan(FY 2013/14-2015/16) National Planning Commission, www.npc.gov.np and 14th Plan</p>
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ol style="list-style-type: none"> 1. Transport Development Master Plan have been prepared and gradually implementing in municipalities in phase wise, 2. Minimum standards for the construction of local infrastructure will be enforced. 3. Infrastructure development and service facilities for the densely populated areas will be implemented. <p>Source: 14th Plan</p>
		<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>

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“Avoid” Strategy	<p>3</p> <p>Institute policies, programmes, and projects supporting Information and Communications Technologies (ICT), such as internet access, teleconferencing, and telecommuting, as a means to reduce unneeded travel</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input type="checkbox"/> Some progress (design – piloting)</p> <ul style="list-style-type: none"> • Largely in Place <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"> • Lack of service quality due to lack of competition between service provider • Irregular power supply. • Conversion of TV channel from analog to digital technology. (Currently, most of the households are connected via analog technology.) • Costing of the dedicated internet services required for the teleconferencing. • Lack of awareness in the multiple uses of internet facility as part of development.

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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> <ol style="list-style-type: none"> 1. Increment in the telephone service provider. 6 telephone service provider companies have emerged in this period. 2. 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. 3. 31 local television channels, 722 cable operators and 489 local and national radio stations (including FM) companies in operation. 4. Telephone and mobile usage has reached 110.25(per hundred density). <p>Source: 13th Plan.</p>
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ol style="list-style-type: none"> 1. Internet access service to be provided to 65 percent (population) (2018 /1 9) 2. New information and communication technologies and services, to be used. 3. Broadband and optical fiber network to be installed nationwide. 4. Use of orbital stall for Nepal and state owned satellites to be developed. 5. Regional service delivery through e-governance to be made effective. 6. All Regional Broadcasting centre to be enhanced. <p>Source: 14th Plan.</p>

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		<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> <table border="1"> <thead> <tr> <th>Targets and Indicators(9.1c)</th> <th>2014</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>88.5</td> <td>90.7</td> <td>92.8</td> <td>94.3</td> <td>96.4</td> <td>100</td> </tr> </tbody> </table> <p>Source : Sustainable Development Goals (SDG) 2016-2030, National (Preliminary) Report, Government of Nepal. National Planning Commission, www.npc.gov.np</p>						Targets and Indicators(9.1c)	2014	2017	2020	2022	2025	2030	Tele-density(%of population)	88.5	90.7	92.8	94.3	96.4	100
Targets and Indicators(9.1c)	2014	2017	2020	2022	2025	2030															
Tele-density(%of population)	88.5	90.7	92.8	94.3	96.4	100															
II. Strategies to <u>Shift</u> towards more sustainable modes																					
"Shift" Strategy	4	Require Non-Motorized Transport (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	<p>Any action had been taken so far?</p> <input type="checkbox"/> Not yet <ul style="list-style-type: none"> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> Shifting from conventional transport planning to NMT by concerned ministry Lack of competition between transport entrepreneurs and understanding of non-motorized transport system. Lack of proper pedestrian and bicycle lanes to encourage 40% people who commute NMT mode daily. Lack of green belt and comfortable pedestrian pathways and interconnected pedestrian and cycle lane to avoid longer distance. 																	

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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"> • Concept of bicycle lane. • Pedestrian commute route construction in city area. 														
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> • Make cities and human settlements inclusive, safe, resilient and sustainable. <p>Source : SDG</p>														
		<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> <p>Target 11.2</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" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Targets and Indicators</th> <th style="text-align: center;">2014</th> <th style="text-align: center;">2017</th> <th style="text-align: center;">2020</th> <th style="text-align: center;">2022</th> <th style="text-align: center;">2025</th> <th style="text-align: center;">2030</th> </tr> </thead> <tbody> <tr> <td>11.2a Availability of safe roads (%)</td> <td style="text-align: center;">0.1</td> <td style="text-align: center;">9.5</td> <td style="text-align: center;">18.8</td> <td style="text-align: center;">25.1</td> <td style="text-align: center;">34.4</td> <td style="text-align: center;">50</td> </tr> </tbody> </table> <p>Source : SDG</p>	Targets and Indicators	2014	2017	2020	2022	2025	2030	11.2a Availability of safe roads (%)	0.1	9.5	18.8	25.1	34.4	50
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5	<p>Improve public transport 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> <ul style="list-style-type: none"> • Some progress (design – piloting) <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"> • Difficulty in land compensation due to high value demand of land than that of normal time. • Lack of detail technical and engineering study addressing the issues relating to sewage, power- line, road expansion etc. • Lack of budget for all weather roads.
“Shift” Strategy		<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> <ol style="list-style-type: none"> 1. Decentralized Rural Infrastructure and Livelihood Programs 2. Rural Access Program (third phase) 3. Local Road Improvement Program 4. Road Board Programs 5. District Transport Master Plan (DTMP) 6. Public transport services in Kathmandu Valley by SAJHA YATYAT and Kathmandu Metropolitan City <p>Source: 13th and 14th plan</p>	

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		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ol style="list-style-type: none"> 1. Strategic roads will be strengthened and upgraded. 2. Regional (Provincial) road network will be expanded. 3. Postal roads will be upgraded. 4. Kathmandu Valley will be connected via consolidated road. 5. Road infrastructure damaged by the earthquake will be rebuilt. 6. Measures will be adopted to mitigate the negative impact. <p>Source: 14th plan.</p>																					
		<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> <p>Target 9.1 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" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 40%;">Targets and Indicators</th> <th style="width: 7.5%;">2014</th> <th style="width: 7.5%;">2017</th> <th style="width: 7.5%;">2020</th> <th style="width: 7.5%;">2022</th> <th style="width: 7.5%;">2025</th> <th style="width: 7.5%;">2030</th> </tr> </thead> <tbody> <tr> <td>9.1a Road density (km/sq km)</td> <td style="text-align: center;">0.44</td> <td style="text-align: center;">1.3</td> <td style="text-align: center;">2.15</td> <td style="text-align: center;">2.72</td> <td style="text-align: center;">3.58</td> <td style="text-align: center;">5</td> </tr> <tr> <td>9.1b Paved road density (km/sq km)</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.017</td> <td style="text-align: center;">0.042</td> <td style="text-align: center;">0.057</td> <td style="text-align: center;">0.079</td> <td style="text-align: center;">0.119</td> </tr> </tbody> </table>	Targets and Indicators	2014	2017	2020	2022	2025	2030	9.1a Road density (km/sq km)	0.44	1.3	2.15	2.72	3.58	5	9.1b Paved road density (km/sq km)	0.00	0.017	0.042	0.057	0.079	0.119
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“Shift” Strategy	6	Reduce the urban transport mode share of private motorized vehicles through Transportation Demand Management (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 <ul style="list-style-type: none"> • 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"> • Numbers of vehicles are rapidly increasing making hard for proper management • Increase in traffic accidents in urban areas. • Syndicate system posing problems for entrepreneurs and commuters. • Quality service lacking due to multiple aspects.
			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"> • Numbers of vehicles are rapidly increasing making hard for proper management • Increase in traffic accidents in urban areas. • Syndicate system posing problems for entrepreneurs and commuters. • Quality service lacking due to multiple aspects 	

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		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> • Implementation of Kathmandu Valley Transport Master Plan • Implementation of seat reservation and rental facilities to women, senior citizens and persons with disabilities. • Fixing of transport fare by government depending on kilometers travelled. • Reservation of 45% concession to students and persons with disabilities. • Initiation of semi government owned busses with modern facilities in busy metropolitan routes. • Starting of Mass Transport (Bus) in Kathmandu valley <p>Source: <i>14th plan</i></p>

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		<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> <p>Examples of important actions that you plan to carry out in next year (2017~2018):</p> <ol style="list-style-type: none"> 1. Road network of Kathmandu valley to be re-routed through mass transit. 2. Intelligent Traffic system to be adopted for effective management of Kathmandu valley traffic. 3. Manpower development and orientation program to be implemented. 4. Public, private and cooperative transport to be promoted. 5. Vehicle standards compliance and monitoring service to be implemented. <p>Source: <i>14th plan.</i></p> <p>Target 11.2</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" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Targets and Indicators</th> <th style="text-align: center;">2014</th> <th style="text-align: center;">2017</th> <th style="text-align: center;">2020</th> <th style="text-align: center;">2022</th> <th style="text-align: center;">2025</th> <th style="text-align: center;">2030</th> </tr> </thead> <tbody> <tr> <td>11.2a Availability of safe roads (%)</td> <td style="text-align: center;">0.1</td> <td style="text-align: center;">9.5</td> <td style="text-align: center;">18.8</td> <td style="text-align: center;">25.1</td> <td style="text-align: center;">34.4</td> <td style="text-align: center;">50</td> </tr> <tr> <td>11.2b Availability of safe public transport (%)</td> <td style="text-align: center;">0.1</td> <td style="text-align: center;">9.5</td> <td style="text-align: center;">18.8</td> <td style="text-align: center;">25.1</td> <td style="text-align: center;">34.4</td> <td style="text-align: center;">50</td> </tr> <tr> <td>11.2d Access to a road within 30 minutes of walking</td> <td style="text-align: center;">51.4</td> <td style="text-align: center;">56.8</td> <td style="text-align: center;">62.1</td> <td style="text-align: center;">65.7</td> <td style="text-align: center;">71.1</td> <td style="text-align: center;">80</td> </tr> </tbody> </table> <p>Source : <i>SDG</i></p>	Targets and Indicators	2014	2017	2020	2022	2025	2030	11.2a Availability of safe roads (%)	0.1	9.5	18.8	25.1	34.4	50	11.2b Availability of safe public transport (%)	0.1	9.5	18.8	25.1	34.4	50	11.2d Access to a road within 30 minutes of walking	51.4	56.8	62.1	65.7	71.1	80
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“Shift” Strategy	<p>7 Achieve significant shifts to more sustainable modes of inter-city passenger and goods transport, 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</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <ul style="list-style-type: none"> • Some progress (design – piloting) <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"> • Public vehicles with small passenger capacity (not taxi) on bus routes. • Pressure of Trade Union (invisible syndicate). • Narrow roads. • Traffic Congestion. • Lack of modern road infrastructure. • Due to the geographic location, construction is expensive.
		<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"> • Some transport entrepreneurs are starting high quality bus with modern facilities. • Among 30, 000 km about 17,000 km road is all weather <p>Source: 13th and 14th plan.</p>	
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ol style="list-style-type: none"> 1. Construction and expansion of urban areas, pedestrian and road infrastructure to be made disabled friendly. In addition, the plan to construct bicycle lanes on major cities. 2. Expand the inter-city route and to provide facility to passengers. 3. Road connecting districts headquarters and their respective villages to be expanded. 4. Kathmandu Valley to be connected via consolidated road. <p>Source: 14th plan.</p>	

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		<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> <ol style="list-style-type: none"> 1. Railway track length to be increased by 70 km. Existing 82 km railway will be upgraded. 2. 1226 km Rail Road DPR to be completed. 3.78 KM metro train in Kathmandu City to be implemented (from the feasibility study) <p>Source: <i>14th plan.</i></p>	
III. Strategies to <u>Improve</u> transport practices and technologies			
“Improve” Strategy	8 Diversify towards more sustainable transport fuels and technologies , including greater market penetration of options such as vehicles operating on electricity generated from renewable sources, hybrid technology, and natural gas	<p>Any action had been taken so far?</p> <ul style="list-style-type: none"> • Not yet <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"> • All vehicles are imported (no national manufacturing). • No production of Crude oil in nation hence all oil is imported. • No importation pipelines. • Lack of sufficient power production for electricity supply. • Lack of promotion of electric vehicle
		<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"> • Concept of tram in capital city. <p>Source: <i>Budget Speech 206/17,mof.gov.np.</i></p>	

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		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> • Alternative and Renewable Energy of vehicles will be encouraged. <p>Source: <i>14th plan.</i></p>	
		<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"> • To foster environmental awareness and care programs will be conducted on public level. <p>Source: <i>14th plan</i></p>	
“Improve” Strategy	9	<p>Set progressive, appropriate, and affordable standards 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> <ul style="list-style-type: none"> • Some progress (design – piloting) <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"> • Lack of technology, manpower, priority and resource constraint. • Lack of public awareness. • Effective implementation of emission checking system

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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> <ol style="list-style-type: none"> 1. All Vehicles should be euro standard. 2. Foster the use of leadless petroleum. 3. Implement the COP (Certificate of Pollution). 4. Establish VFTC (Vehicle Fitness Test Centre). 5. Testing of pollution from vehicle. <p>Source : dotm.gov.np</p>
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> • Revisit the provision of vehicle age, pollution standards and capacity. • Establishment of automated technology for vehicle pollution measurements in the major areas. <p>Source: 14th plan.</p>
		<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"> • National adaptation plans will be prepared. <p>Source: 14th plan.</p>

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“Improve” Strategy	<p>10 Establish effective vehicle testing and compliance regimes, including formal vehicle registration systems and appropriate periodic vehicle inspection and maintenance (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</p>	<p>Any action had been taken so far?</p> <input type="checkbox"/> Not yet <ul style="list-style-type: none"> • Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> • Lack of technology, manpower, priority and resource constraint.
		<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> <ol style="list-style-type: none"> 1. Import of euro standard Vehicles. 2. Foster the use of leadless petroleum. 3. Implement the COP (Certificate of Pollution). 4. Establish VFTC (Vehicle Fitness Test Centre). 5. Test of emission and vehicle condition of vehicle every four months of public transport and every year of private transport. <p>Source : <i>dotm.gov.np</i></p>	
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> • Establishment of Road Safety Council • Road Safety Action Plan • Formulation of Road Safety Act and Regulation • Revision of Vehicle and Transport Management Act and Regulation <p>Source: Ministry of Physical Infrastructure and Transport</p>	

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		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?		
"Improve" Strategy	11	Adopt Intelligent Transportation Systems (ITS), such as electronic fare and road user charging systems, transport control centres, and real-time user information, when applicable	Any action had been taken so far? <input type="checkbox"/> Not yet • 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"> • Violation of traffic rules. • Communication gap between government and road user, driver. • Lack of awareness. • Lack of Infrastructure.
			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. 1. To foster environmental awareness and care programs will be conducted on public level. Source: 14th plan.	
			Examples of important actions that you plan to carry out in next year (2017~2018) 1. To build, design, construct standard work in highway and sub-highway for reducing road accidents and road safety. 2. To check at all stages to comply safety measure. Source: 14th plan.	

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		<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"> Traffic Intelligence System in Kathmandu Valley to be adopted for Effective management of the Traffic <p><i>Source:</i> 14th plan</p>	
"Improve" Strategy	<p>12 Achieve improved freight transport efficiency, including road, rail, air, and water, through policies, programmes, and projects that modernize the freight vehicle technology, implement fleet control and management systems, and support better logistics and supply chain management</p>	<p>Any action had been taken so far?</p> <ul style="list-style-type: none"> Not yet <input type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> Syndicate system in place. Lack of Infrastructure.
		<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"> Passenger fare is fixed by Department of Transport Management. But freight is negotiable. <p><i>Source : dotm.gov.np</i></p>	
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> Abolishment of syndicate system Freight to be affordable by improving transport management system. <p><i>Source: 14th plan.</i></p>	

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		<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"> • Will improve the quality of the overall transport sector. <p>Source: 14th plan.</p>					
IV. <u>Cross-cutting</u> strategies							
“Cross-Cutting” Strategy	13	<p>Adopt a zero-fatality policy with respect to road, rail, and waterway safety 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</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td> <p>Any action had been taken so far?</p> <input type="checkbox"/> Not yet <ul style="list-style-type: none"> • Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed <p>(Please Check the box</p> </td> <td> <p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> • Monitoring problem. • Lack of budget. • Lack of Quick Medical response. </td> </tr> <tr> <td colspan="2"> <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> <ol style="list-style-type: none"> 1. Improve speed control by time card. 2. Launching of new technology in driver licensing system. 3. It is compulsory to register vehicle, third party insurance per year under VRS (Vehicle Registration System). 4. Provision of passenger insurance and compensation for accident is secured within the tickets. <p>Source : <i>dotm.gov.np</i></p> </td> </tr> </table>	<p>Any action had been taken so far?</p> <input type="checkbox"/> Not yet <ul style="list-style-type: none"> • Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed <p>(Please Check the box</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> • Monitoring problem. • Lack of budget. • Lack of Quick Medical response. 	<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> <ol style="list-style-type: none"> 1. Improve speed control by time card. 2. Launching of new technology in driver licensing system. 3. It is compulsory to register vehicle, third party insurance per year under VRS (Vehicle Registration System). 4. Provision of passenger insurance and compensation for accident is secured within the tickets. <p>Source : <i>dotm.gov.np</i></p>	
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		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <p>1. Improvement in the quality of service will be made effective. Minimizing traffic accidents through traffic monitoring.</p> <p>Source: 14th plan.</p>			
		<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> <p>1. Overall traffic law, legal system and regulation will be effective.</p> <p>Source: 14th plan.</p>			
"Cross-Cutting"	14	<p>Promote monitoring of the health 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>	<table border="1"> <tr> <td> <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> </td> <td> <p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> • Lack of public awareness. • Failure to maintain environmental liability and compatibility. • Promotion of awareness on environment protection is lacking. </td> </tr> </table>	<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"> • Lack of public awareness. • Failure to maintain environmental liability and compatibility. • Promotion of awareness on environment protection is lacking.
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	impacts of air pollution and noise, and devise mitigation strategies, especially aiding sensitive populations near high traffic concentrations	<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> <ol style="list-style-type: none"> 1. Air quality and pollution-related criteria and standards determined by the Nepal vehicle authority have been implemented. VFTC established. 2. Replacement of vehicles older than 20 years are to be scrapped with ownership not transferable. 3. Provision of green sticker. 4. Low taxation for hybrid cars and nominal taxation for fully electric cars. 5. "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. 6. Reduction of pollution is encouraged and promotion of the use of public transportation services. <p><i>Source:</i> dotm and 14th plan.</p>
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> •Converting public utility vehicles to liquid petroleum gas and renewable energy sources and establishing and expanding an efficient mass transport system. •Ensuring the movement of vehicles at optimum speed of fuel consumption by reducing congestion. •Reduce dependency on Petroleum through clean and renewable energy. <p><i>Source:</i> 14th plan.</p>

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13.1.c Greenhouse gases (GHG) emitted by transport sector (%)	12	10.9	9.8	9	7.9	6														
“Cross-Cutting”	<p>15 Establish country-specific, progressive, health-based, cost-effective, and enforceable air quality and noise standards, also taking into account the WHO guidelines, and mandate monitoring</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"> Kathmandu valley is vulnerable place for air quality due to bowl shape. Lack of equipment, technical manpower, monitoring and awareness. Lack of government priority on this issue. 																	

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	<p>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 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"> At present 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 this website. <table border="1"> <thead> <tr> <th>Station Name</th> <th>PM2.5 (Real Time)</th> </tr> </thead> <tbody> <tr> <td>Dhulikhel, Kavre</td> <td>33.9 µg/m³</td> </tr> <tr> <td>Ratnapark, Kathmandu</td> <td>30.9 µg/m³</td> </tr> <tr> <td>Pulchowk, Lalitpur</td> <td>-</td> </tr> <tr> <td>Lumbini, Rupendehi</td> <td>-</td> </tr> <tr> <td>Sauraha, Chitwan</td> <td>45.8 µg/m³</td> </tr> </tbody> </table> <p>Source : <i>pollution.gov.np</i></p>	Station Name	PM2.5 (Real Time)	Dhulikhel, Kavre	33.9 µg/m ³	Ratnapark, Kathmandu	30.9 µg/m ³	Pulchowk, Lalitpur	-	Lumbini, Rupendehi	-	Sauraha, Chitwan	45.8 µg/m ³
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		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ol style="list-style-type: none"> 1. Environment friendly fuels and reduction of pollution will be encouraged to through the promotion and the use of public transportation services. 2. Encourage to mix ethanol in petroleum. 3. Manufacture bio-fuel to partially replace petroleum. 4. Low custom duty for environment friendly vehicle. 5. Increase in hydropower production capacity. <p><i>Source: 14th plan. and mof.gov.np.</i></p>
		<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> <ol style="list-style-type: none"> 1. Environment friendly and less polluting fuel to be used in transport services. 2. Formulation of necessary policy for production of bio-fuel partly as an alternative to petroleum products. 3. Automation technology will be established for vehicle pollution measurements in major areas. <p><i>Source: 14th plan.</i></p>

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“Cross-Cutting” Strategy	<p>16 Implement sustainable low-carbon transport initiatives to mitigate the causes of global climate change and to fortify national energy security, and to report the inventory of all greenhouse gases emitted from the transport sector in the National Communication to the UNFCCC</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"> • Lack of financial resources to shift towards low carbon transport initiatives • Lack of policy (strategy) [Though Low Carbon Economic Development Strategy has been formulated it is still in draft form and not passed from the cabinet) • 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. • Lack of public awareness. • <i>Burning of Firewood as fuel.</i>

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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> <ol style="list-style-type: none"> 1. Nepal pollution standards has been defined and implemented. Source: <i>13th and 14th plan.</i> 2. Fast pace in the production of energy through the development of hydropower. 3. Initiatives for eco fuel and electric vehicles are to be implemented. Source: <i>Budget Speech Fiscal Year 2016/17(www.mof.gov.np)</i>
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> • Establishment of automated technology for vehicle pollution measurements in the major areas. • Alternative and Renewable Energy vehicles will be encouraged. • Vehicle age, pollution standards are defined and provision of re-evaluation for specific vehicles. Source: <i>14th plan.</i>
		<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> <p>Target 12.6 Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle Source : <i>SDG</i></p>

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17	<p>Adopt social equity 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 disabilities and elderly, affordability of transport systems for low-income groups, and up-gradation, modernization and integration of intermediate public transport</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"> • Possibility of avoidance of rules and regulation. • Coordination among different line agencies for effective implementation of policy provision that clearly mention the issue of social equity.
<p>“Cross-Cutting” Strategy</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> <ol style="list-style-type: none"> 1. Provision of seat reservation and rental facilities to senior citizens and persons with disabilities 2. Provision of seat reservations and arrangements to women. 3. Initiation of low price fare 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. <p>Source: 13th and 14th plan.</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 Nepal EST Forum 2015 to Lao EST Forum 2017.			
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ol style="list-style-type: none"> 1. Seat reservation and rental facilities to senior citizens and persons with disabilities 2. Seat reservations and arrangements continue to be made to women. 3. 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. <p>Source : 14th plan.</p>			
		<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> <p>Target 11.2 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> <p>source : <i>SDG</i></p>			
“Cross-Cutting”	18	<p>Encourage innovative financing 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</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> <p>Any action had been taken so far?</p> <p style="text-align: center;"><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> </td> <td style="width: 50%; padding: 5px;"> <p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> Unplanned urbanization leading to low density of open and public spaces. Lack of infrastructure for regular and time bound transit service. </td> </tr> </table>	<p>Any action had been taken so far?</p> <p style="text-align: center;"><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"> Unplanned urbanization leading to low density of open and public spaces. Lack of infrastructure for regular and time bound transit service.
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		partnerships such as land value capture, including consideration of carbon markets, wherever feasible	<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> <ol style="list-style-type: none"> 1. Plans to remove parking of large vehicles from crowded spaces to open spaces on city outskirts. 2. Building code with parking spaces underground or otherwise initiated. 	
			<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ol style="list-style-type: none"> 1. Low cost interest for transport entrepreneurs those directly helping carbon reduction and public congestion 2. Innovative IT solutions for quick transit and traffic management with help of GPS and 4G Services. 	
			<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>	
"Cross-Cutting"	19	Encourage widespread distribution of information and awareness on sustainable transport to all levels of government and to the public through outreach, promotional campaigns, timely reporting of monitored	<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"> • Lack of funding. • Lack of Initiation.

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“Cross-Cutting”		indicators, and participatory processes	<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> <ol style="list-style-type: none"> 1. School curriculum includes environment and social studies. 2. Media outlets encouraged to promote awareness. 		
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> • Implementation of road safety checks to reduce accident in all the phases of road design, construction and standardization. • Collaboration with public, private and co-operative sector to promote public transport. 			
		<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> <ol style="list-style-type: none"> 1. Capacity building program to be initiated to strengthen government organizations as well as private sector to provide quality and environment friendly service. 2. Role of Transport sector entrepreneurs to be made more responsible. <p>Source: 14th plan.</p>			
“Cross-Cutting”	20	Develop dedicated and funded institutions that address sustainable transport-land use policies and implementation, including research and development on environmentally-sustainable	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <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> </td> <td style="width: 50%; vertical-align: top;"> <p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> • Lack of Public Concern. • Lack of Funding. </td> </tr> </table>	<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"> • Lack of Public Concern. • Lack of Funding.
<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"> • Lack of Public Concern. • Lack of Funding. 				

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	transport, and promote good governance 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> <ol style="list-style-type: none"> 1. Policies to be formulated, amended in such a way such that road construction does not harm environment in any way such as depleting water levels, polluting natural resources, creating manmade disasters such as landslide and erosions. 2. 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.
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ol style="list-style-type: none"> 1. Public awareness programs via mass media to encourage public participation. 2. Study scopes of Eco-Friendly transport systems such as Trams, Rope-Way and Tunnels to reduce distance of travel.
		<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>

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Major policy initiatives/projects/action plan to improve rural access:

“Cross-Cutting” Strategy	<p>Take policy initiatives to improve rural access leading, 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> <ul style="list-style-type: none"> • Connectivity to all Village Bodies (GAUPALIKA) by • Development of rural agricultural road 	<p>Barriers/Challenges faced in improving rural connectivity:</p> <ul style="list-style-type: none"> • Geographical condition • Budget constraint • Scattered settlement
		<p>Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions to improve rural access. Please attach reports or include websites where relevant.</p> <ol style="list-style-type: none"> 1. Implementation of DTMP-District Transport Master Plan. 2. Construction of Agriculture/ Feeder road. 3. Upgrading of existing major roads to black-topped roads. 4. Easy Medical Assistance Model implantation. 	
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ol style="list-style-type: none"> 1. Implement gender responsive budget. 2. Inclusive programs on local level for low-income households (e.g. Food for work). 3. Linking upper mountainous region via road. 	
		<p>Importance of improving rural access in your country’s on-going efforts in achieving the Sustainable Development Goals (SDGs) under the 2030 Agenda for Sustainable Development?</p> <p>1.Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive</p> <p>Source : <i>SDG</i></p>	