

# **10<sup>th</sup> 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)**

**<Bangladesh>**

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This country report was prepared by the Government of Bangladesh 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.

# **Country EST Report of Bangladesh**

**10th Regional EST Forum in Asia, Vientiane, Lao-PDR**

## **Abbreviation**

Bangladesh Computer Council (BCC)

Bangladesh Energy Regulatory Commission (BERC)

Bangladesh Inland Water Transport Authority (BIWTA);

Bangladesh Inland Water Transport Corporation (BIWTC)

Bangladesh National Adaptation Program of Action (NAPA)

Bangladesh Petroleum Corporation (BPC)

Bangladesh Railway (BR)

Bangladesh Road Transport Authority (BRTA)

Bangladesh Road Transport Corporation (BRTC)

Chittagong Development Authority (CDA)

Civil Aviation Authority of Bangladesh (CAAB)

Clean Air and Sustainable Environment (CASE)

Clean Air Monitoring System (CAMS)

Compressed Natural Gas (CNG)

Department of Environment (DoE)

Detailed Area Plan (DAP)

Dhaka Metropolitan Development Plan (DMDP)

Dhaka North City Corporation (DNCC)

Dhaka South City Corporation (DSCC)

Dhaka Transport Coordination Authority (DTCA)

Intelligent Transportation System (ITS)

Khulna Development Authority (KDA)

Ministry of Environment & Forests (MOEF)

Radio Frequency Identification (RFID)

Rajdhani Unnayan Kartiphakho (RAJUK)

Rajshahi Development Authority (RDA)

Regional Development Planning (RDP)

Roads and Highways Department (RHD)

Strategic Transport Plan (STP)

The National Integrated Multimodal Transport Policy (NIMTP)

Transport Demand Management (TDM)

Union Information and Service Centers (UISCs)

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**a) Name of the Country: Bangladesh**

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

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

- i) Dhaka Transport Coordination Authority (DTCA)
- ii) Roads and Highways Department (RHD)
- iii) Bangladesh Road Transport Authority (BRTA)
- iv) Bangladesh Road Transport Corporation (BRTC)
- v) Bridges Division, Ministry of Road Transport and Bridges
- vi) Ministry of Environment & Forests (MOEF)
- vii) Ministry of Information & Communication Technology
- viii) Department of Environment (DoE)
- ix) Bangladesh Railway (BR)
- x) Bangladesh Inland Water Transport Authority (BIWTA)
- xi) Bangladesh Inland Water Transport Corporation (BIWTC)
- xii) Rajdhani Unnayan Kartiphakho ,RAJUK ( Capital development Authority )
- xiii) Bangladesh Petroleum Corporation (BPC)
- xiv) Bangladesh Energy Regulatory Commission (BERC)
- xv) Bangladesh Computer Council (BCC)
- xvi) Dhaka North City Corporation (DNCC)
- xvii) Dhaka South City Corporation (DSCC)

**d) Reporting Period: 2015-2017**

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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.		
<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	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> <b>Some progress (design – piloting)</b> <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 coordination among different implementing agencies.</li> </ul>

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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>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"> <li>i. National Integrated Multimodal Transport Policy (NIMTP) is in place. NIMTP emphasizes to reduce the need for travel by better integration of Transport planning and Land use. (<a href="http://www.rthd.gov.bd">www.rthd.gov.bd</a>).</li> <li>ii. Dhaka Structure Plan ( 2016-2035) prepared by Rajdhani Unnayn Kartipakha (RAJUK) emphasizes on enhancing the linkage between Land Use and Transport Network of Dhaka city.</li> <li>iii. Dhaka Transport Coordination Authority (DTCA) prepared Revised Strategic Transport Plan (RSTP) for Dhaka to be implemented over a period of 20 years ( 2016-2035). RSTP emphasizes on the integration of Land Use and Transportation planning. (<a href="http://www.dtca.gov.bd">http://www.dtca.gov.bd</a>).</li> <li>iv. Chittagong Development Authority (CDA), Khulna Development Authority (KDA) and Rajshahi Development Authority (RDA) have been created to ensure proper integration of land-use and transport planning.</li> </ol>
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> <li>• Implementation of Dhaka Structure Plan.</li> <li>• Implementation of the revised STP.</li> <li>• Land use and Transport planning at local level.</li> </ul>

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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"> <li>• In the 7<sup>th</sup> Five Year Plan (2016-2020) <i>Goal 11</i> is addressed emphasizing better utilization of land resources and mitigating increased demand for housing and urban services.</li> </ul>	
“Avoid” Strategy	<p>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</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> <b>Some progress</b> (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>• Already-built-areas are constraints to such mixed-use development program.</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> <p>(i) Dhaka Structure plan ( 2016-2035) prepared by Rajdhani Unnayan Kartipakha (RAJUK) promote compact urban development &amp; TOD around key transit Stations.</p> <p>(ii) Feasibility study of TOD has been initiated along Mass Transit corridors ( MRT &amp; BRT).</p> <p>(iii) Regional Development Plan (RDP) for emphasizes compact urban development. Mixed and compatible land use provisions within a residential cluster will enhance convenience for the residents and, at the same time, will reduce the travel need in the residential areas.</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"> <li>• Piloting of TOD along Transit Corridors.</li> <li>• New development in Urban areas will be planned as Compact city.</li> </ul> <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>			
“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	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;">           Any action had been taken so far?  <input type="checkbox"/> Not yet  <input type="checkbox"/> Some progress (design – piloting)  <input checked="" type="checkbox"/> <b>Largely in Place</b>  <input type="checkbox"/> Fully Completed            (Please Check the box)         </td> <td style="width: 50%; vertical-align: top;">           Barriers/Challenges faced in implementation:           <ul style="list-style-type: none"> <li>• Internet infrastructure is inadequate in rural area.</li> <li>• Technology is expensive</li> </ul> </td> </tr> </table>	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some progress (design – piloting) <input checked="" type="checkbox"/> <b>Largely in Place</b> <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> <li>• Internet infrastructure is inadequate in rural area.</li> <li>• Technology is expensive</li> </ul>
Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some progress (design – piloting) <input checked="" type="checkbox"/> <b>Largely in Place</b> <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> <li>• Internet infrastructure is inadequate in rural area.</li> <li>• Technology is expensive</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>(i) Video conferencing (VC) among Government offices has been introduced. Honorable Prime Minister inaugurates development projects from her office through VC which reduce travel need of Honorable Prime Minister and other officials.</li> <li>(ii) District e-service centers and Union Information and Service Centers (UISCs) are established to provide all major public services (<a href="http://www.a2i.pmo.gov.bd">http://www.a2i.pmo.gov.bd</a>)</li> <li>(iii) Online Air, Bus and Railway ticket reservation has been introduced.</li> <li>(iv) Online Payment for most of utility bills through cell-phone, Cards and other methods.</li> <li>(v) Online application for passports (<a href="http://www.passport.gov.bd/">http://www.passport.gov.bd/</a>), online application to educational institutions and for recruitment have been introduced. Online purchase of books, groceries, etc. is gradually growing. All public Examination results declared online.</li> <li>(vi) Electronic Ticketing System on selected bus routes in the city (<a href="http://www.brtc.gov.bd">http://www.brtc.gov.bd</a>),</li> <li>(vii) E-procurement for government purchases is in operation. Introduction of e-filing system in government offices is in operation.</li> <li>(viii)</li> </ul>
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> <li>(i) Regular Video -conference within different Government offices.</li> <li>(ii) Online payment and shopping facilities will reach majority of the population.</li> </ul>

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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? <ul style="list-style-type: none"> <li>• In the 7<sup>th</sup> Five Year Plan (2016-2020) <b>Goal 9.c</b> is addressed by giving emphasis on Access to modern technology related to business and jobs would be expanded at a low cost.</li> </ul>	
<b>II. Strategies to <u>Shift</u> towards more sustainable modes</b>			
"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	Any action had been taken so far? <ul style="list-style-type: none"> <li><input type="checkbox"/> Not yet</li> <li><input checked="" type="checkbox"/> <b>Some progress</b> (design – piloting)</li> <li><input type="checkbox"/> Largely in Place</li> <li><input type="checkbox"/> Fully Completed</li> </ul> (Please Check the box)
		Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> <li>• Land constraint does not always allow separate provision for NMT lanes.</li> </ul>	

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	pedestrian and bicycle facilities, development of facilities for intermodal connectivity, and adoption of complete street design standards, 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> <ul style="list-style-type: none"> <li>(i) The National Integrated/ Multimodal Transport Policy (NIMTP) is in place. This policy emphasizes on NMT and intermodal transport plan (<a href="http://www.rthd.gov.bd">www.rthd.gov.bd</a>)</li> <li>(ii) Designated lane for NMT in some selected urban roads and inter-city roads</li> <li>(iii) Footpath and over-bridges for safe pedestrian crossings are largely in place.</li> <li>(iv) Separate lanes for NMTs have been introduced in major National Highways</li> <li>(v) Revised Strategic Transport Plan (RSTP) recommended 21 Intermodal locations within Dhaka city</li> <li>(vi) Improvements to pedestrian and bicycle facilities have been initiated in all major Urban area.</li> </ul>
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> <li>(i) Bicycle lane in selected urban areas will be constructed.</li> <li>(ii) All National Highways will be upgraded by providing separate NMT lane.</li> <li>(iii) Pedestrian facilities in Dhaka city will be improved.</li> </ul>
		<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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"Shift" Strategy	5 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	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> <b>Some progress</b> (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>• Resistance from existing Operators.</li> <li>• Planning of improved public transport services is often hampered by built-up areas.</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. <ol style="list-style-type: none"> <li>(i) Construction work of two mass transit projects, BRT Line-3 (Airport-Gazipur-Jheelmil) and Mass Rapid Transit (MRT-6) is in progress. (<a href="http://www.rthd.gov.bd">www.rthd.gov.bd</a>)</li> <li>(ii) The Feasibility Study for another 2 (two) MRT lines are in progress (<a href="http://www.dtca.gov.bd">http://www.dtca.gov.bd</a>)</li> <li>(iii) High occupancy articulated buses and double Decker buses have been added to urban public transport. (<a href="http://www.brtc.gov.bd">http://www.brtc.gov.bd</a>)</li> <li>(iv) Bus Sector Reform project for Dhaka has been initiated.</li> <li>(v) Government approved The Metro Rail Act, 2015 &amp; Bus Rapid Transit Act 2016 to facilitate Implementation and Operation of MRT &amp; BRT system.</li> </ol>	

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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"> <li>(i) BRTC will add 600 new modern buses to their fleet in Dhaka City.</li> <li>(ii) Dhaka City Corporation will bought 3000 modern buses.</li> <li>(iii) Pilot project for Bus sector reform project for Dhaka city.</li> </ul>	
		<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>• In the 7<sup>th</sup> Five Year Plan (2016-2020) <b>Goal 11.2</b> is addressed by giving emphasis on Public transport ( MRT,BRT) and Improve the multimodal transport network with a significant increase in the share of rail and waterways traffic</li> </ul>	
“Shift” Strategy	<p>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</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> <b>Some progress</b> (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>• Willingness to pay is a key constraint to introduce pricing.</li> </ul>

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	pollution costs, aimed at gradually reducing price distortions that directly or indirectly encourage driving, motorization, and sprawl	<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>(i) Working time of government offices, financial institutions, educational institutions have been staggered to reduce congestion during peak hour in urban areas.</li> <li>(ii) Different off days for markets in urban areas has been introduced.</li> <li>(iii) Freight Vehicles are prohibited during day time in Dhaka city.</li> <li>(iv) Commuter services in road and rail have been enhanced.</li> <li>(v) CNG price is being increased.</li> </ul>
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> <li>(i) Parking policy will be in place.</li> <li>(ii) Piloting of Congestion charge in Dhaka city.</li> <li>(iii) Phasing out small old buses to introduce modern large buses.</li> </ul>
		<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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“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	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some progress (design – piloting) <input checked="" type="checkbox"/> <b>Largely in Place</b> <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> <li>• Infrastructural constraints</li> </ul>

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	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>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>(i) Government &amp; Private sector intervention in Road based inter-city passenger and goods transport has been enhanced. Intercity bus terminals are in place at the periphery of Dhaka city with connection to city centers.</li> <li>(ii) Intercity train services between Dhaka and important cities is improved.</li> <li>(iii) Capacity of carrying goods through rail between Dhaka-chittagong is increased.</li> <li>(iv) Government and Private sector has introduced high quality inland water transport service from Dhaka to southern region. Circular water route around Dhaka is in operation.</li> <li>(v) A good number of inland container terminals/depots are in place.</li> <li>(vi) Major National Highway Corridors are being upgraded from 2-lane to 4-lane highways.</li> <li>(vii) Construction of single track Dual Gauge railway line from Dohazari-Ramu-Cox's Bazar and Ramu-Gundum) and Padma Bridge Rail Link Project (Construction of Dhaka-Mawa-Janjira-Bhanga-Jessore rail line) is initiated.</li> <li>(viii) Freight movement using rail and inland waterway over road is enhanced.</li> </ul>

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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"> <li>(i) Number of Commuter train services between Dhaka and surrounding cities will be increased.</li> <li>(ii) Upgrading major National Highway corridors will be continued.</li> <li>(iii) 350 Kilometer of New rail Track and Double line Rail track between Dhaka and Chittagong will be completed which will make both Passenger and Freight movement on rail easier.</li> <li>(iv) High speed ferry services will be introduced.</li> <li>(v) Introduction of IT based Bus and Freight management system.</li> </ul>	
		<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>	
<b>III. Strategies to <u>Improve</u> transport practices and technologies</b>			
"Improve" Strategy	8	<p>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</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> <b>Some progress</b> (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>• Insufficient supply of natural gas.</li> <li>• Electric Vehicle (EV) Technology is expensive.</li> <li>• Sulfur content in diesel is high</li> </ul>	

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	technology, and natural gas	<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>(i) The National Land Transport Policy, 2004 places emphasis on Compressed Natural Gas (CNG) for improving air quality. (<a href="http://www.rthd.gov.bd">www.rthd.gov.bd</a>). Significant proportion of motor vehicles including public transports now runs on CNG</li> <li>(ii) Waste to fuel (bio fuel) is being examined in urban areas.</li> <li>(iii) Electric powered auto Rickshaws introduced in secondary cities</li> <li>(iv) Hybrid Vehicle has been introduced.</li> <li>(v) Modern cars with Idle Stop features has been introduced which reduces emission while cars stacked in congestion.</li> </ul>
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> <li>(i) Encourage Hybrid/Electric private vehicle in Urban Area.</li> <li>(ii) Import of Low sulfur diesel</li> </ul>
		<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><b>Goal 7.3</b> (By 2030, double the global rate of improvement in energy efficiency) is addressed by promoting CNG, Hybrid Vehicle and Vehicle with more efficient engine.</p>

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"Improve" Strategy	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	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> <b>Some progress</b> (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>• High quality fuel is expensive.</li> <li>• Lack of public awareness.</li> <li>• Emission checking system is inadequate.</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. <ol style="list-style-type: none"> <li>(i) Road map to reduce the sulfur level in diesel fuels has been set to 350ppm by 2020 and 50 ppm by 2023. In line with the Road map Bangladesh petroleum corporation (BPC) is importing diesel with sulfur level 500ppm.</li> <li>(ii) Clean Air and Sustainable Environment (CASE) project under Department of Environment has been commissioned to review the existing vehicle emission standards: Proposed Standards for new registration are Euro 3 equivalent for the petrol/CNG light vehicles and Euro 2 for the heavy duty vehicles.</li> <li>(iii) Department of Environment (DoE) of Bangladesh has set a standard for vehicular exhaust gases according to Bangladesh Environmental Conservation Rules (ECR) 1997, which is strictly maintained by BRTA while registering vehicles.</li> </ol>	

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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> <ul style="list-style-type: none"> <li>(i) Proposed Emission Standards for the Newly Registered Vehicles and In-use Vehicles will be notified through Gazette.</li> <li>(ii) Sulfur level in diesel fuel will be reduced to 350 ppm.</li> <li>(iii) Euro 4 equivalent for the petrol/CNG light vehicles and Euro 3 for the heavy duty vehicles .</li> </ul> <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>		
"Improve" Strategy	10	<p>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</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> <b>Some progress</b> (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 Technological know-how and lack of trained personnel are constraint to the introduction and operation of automated vehicle inspections.</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>(i) BRTA established modern vehicle inspection center with the assistance of KOICA of Republic of Korea in Dhaka.</li> <li>(ii) Regular inspection of vehicles has resulted in improved maintenance of vehicles.</li> </ul>	

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

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 Nepal EST Forum 2015 to Lao EST Forum 2017.</b>	
	compliance regimes for vessels	<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> <li>(i) Emission standard will be strictly implemented.</li> <li>(ii) BRTA will upgrade all Vehicle inspection centers.</li> <li>(iii) Automation of vehicle inspection will be implemented in 2018.</li> </ul> <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>	
"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 type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> <b>Some progress</b> (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 IT infrastructure facilities.</li> <li>• Resistance from existing Operator.</li> <li>• Inadequate skilled manpower.</li> </ul>

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

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>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>(i) Electronic fare system (Electronic Ticketing System) on the selected bus and rail routes in the city (<a href="http://www.brtc.gov.bd">http://www.brtc.gov.bd</a>)</li> <li>(ii) Traffic information on radio is in place in Dhaka.</li> <li>(iii) Electronic toll collection system has been installed in major Bridges.</li> <li>(iv) Radio Frequency Identification (RFID) tag is introduced.</li> <li>(v) Passenger Information System (PIS) is introduced at Major Railway Station.</li> <li>(vi) Central traffic control station is in place in Dhaka.</li> <li>(vii) Variable Message Sign (VMS) has been introduced in Dhaka City.</li> <li>(viii) To facilitate Electronic fare system , a clearing House at DTCA has been established.</li> </ul> <p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> <li>(i) Electronic fare system will be expanded to private operators.</li> <li>(ii) Clearing house for Electronic Ticketing will be in operation.</li> <li>(iii) MRT line 6 and BRT line -3 will be in operation with full ITS system (Electronic fare system, passenger information system , control center etc.)</li> <li>(iv) ITS based intersections in 4 major Junctions in Dhaka city will be develop for better traffic management.</li> </ul>

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

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.	
		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	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 and management systems, and support better logistics and supply chain management	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> <b>Some progress</b> (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>• Over-reliance on roads for freight transport</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. <ol style="list-style-type: none"> <li>(i) A number of container terminals/depots are in operation.</li> <li>(ii) Increase in number of container movement by private and public operators</li> <li>(iii) Emergence of private sector logistics companies</li> <li>(iv) Regular dredging at river ports, landing stations and channels are carried out to ensure navigability.</li> <li>(v) IT based Road Freight management system has been piloted.</li> <li>(vi) Paiyra Sea port ( 3<sup>rd</sup> sea port) is in operation.</li> <li>(vii) Patgaon inland port connecting Chittagong sea port</li> <li>(viii) <b>Green freight</b> concept has been adopted at national level.</li> </ol>	

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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 Nepal EST Forum 2015 to Lao EST Forum 2017.</b>	
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> <li>(i) Railway linkages will be established between the east and south west zones of the country.</li> <li>(ii) Bangladesh Railway will be connected with international rail networks.</li> <li>(iii) Double track rail between Dhaka- Chittagong will be completed which will enhance freight movement between Chittagong sea port and rest of the country.</li> <li>(iv) A railway container terminal will be established at Dhirashram in Gazipur district near Dhaka city.</li> </ul>	
		<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>	
<b>IV. <u>Cross-cutting</u> strategies</b>			
“Cross-Cutting”	13	<p>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</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> <p><input checked="" type="checkbox"/> <b>Largely in Place</b></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>• Absence of adequate awareness about safety issue.</li> <li>• Behavior of drivers and road users is not conducive enough.</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 Nepal EST Forum 2015 to Lao EST Forum 2017.</b>
	requirements, and better post-accident care oriented to significant reductions in accidents and injuries	<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>(i) National Road Safety Council is in place.</li> <li>(ii) Accident Research Institute (ARI) has been established at Bangladesh University of Engineering and Technology, Dhaka.</li> <li>(iii) Road Safety Division in Roads and Highways Department and Road Safety Cell at Bangladesh Road Transport Authority are created.</li> <li>(iv) Trauma centers have been established near highways to ensure post-accident care. National Road Safety Action Plan is in place.</li> <li>(v) Smart driving license has been introduced.</li> <li>(vi) Road Safety Action Plan (2014-2016) is in place and is being updated in every 2 year.</li> <li>(vii) Axle Load Control Station Operation Policy in place.</li> <li>(viii) Navigability of waterways has been enhanced through regular dredging</li> <li>(ix) Regular inspection of vehicles has been ensured.</li> <li>(x) Counter measures of 209 black spots on National highways are being taken.</li> <li>(xi) Training of Drivers for safe driving is being carried out by BRTC, BRTA, DTCA and NGO's.</li> </ul>
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> <li>(i) An updated Road Transport Act will be in place by 2017.</li> <li>(ii) Countermeasures to improve black spots on National Highways will be implemented by June 2017.</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 Nepal EST Forum 2015 to Lao EST Forum 2017.</b>	
		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? <ul style="list-style-type: none"> <li>• In line with <b>Goal 3.6</b> Government has taken appropriate steps to halve the number of deaths and injuries from road traffic accidents</li> </ul>	
“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	Any action had been taken so far? <ul style="list-style-type: none"> <li><input type="checkbox"/> Not yet</li> <li><input checked="" type="checkbox"/> <b>Some progress</b> (design – piloting)</li> <li><input type="checkbox"/> Largely in Place</li> <li><input type="checkbox"/> Fully Completed</li> </ul> (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> <li>• Non-compliance of laws by transport owners and workers.</li> <li>• Level of Awareness of road users is low</li> </ul>

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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.
	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> <p>(i) Under CASE project air qualities of different major cities (Dhaka, Chittagong, Rajshahi, khulna, Barisal, Sylhet, Gazipur, Narayangang) are monitored by 11 Continuous Air Monitoring stations (CAMS) <a href="http://www.case-moef.gov.bd">http://www.case-moef.gov.bd</a>.</p> <p>(ii) Satellite monitoring of Particulate matter has also been carried out in different places of Dhaka.</p> <p>(iii) Dhaka City Corporation-North and South), DTCA and DoE are working under CASE (Clean Air &amp; Sustainable Environment) project for a 5 years duration since July 2009 to strengthen institutional and regulatory framework for air quality management to ensure clean environment in major cities. <a href="http://www.dhakacity.org/">http://www.dhakacity.org/</a></p> <p>(iv) DoE has set up a standard of noise created by vehicles in Bangladesh</p>
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <p>(i) More modern vehicle inspection centers will be established.</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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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.		
“Cross-Cutting”	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 traffic concentrations	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some progress (design – piloting) <input checked="" type="checkbox"/> <b>Largely in Place</b> <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> <li>• Unwillingness of transport owners to introduce low-carbon and energy efficient vehicles.</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>(i) Continuous Air Monitoring Stations (CAMS) have been established to monitor criteria pollutants in major cities of Bangladesh <a href="http://www.case-moef.gov.bd">http://www.case-moef.gov.bd</a>;</li> <li>(ii) Under the CASE project, air quality is being reviewed and formulation of a new up to date air quality standard is in final stage.</li> <li>(iii) Revision of existing Vehicle Emission Standard is ongoing.</li> <li>(iv) DoE has set up air quality and noise standard which is being enforced by BRTA.</li> </ul>	
			Examples of important actions that you plan to carry out in next year (2017~2018) <ul style="list-style-type: none"> <li>(i) Revised air quality standard will be adopted.</li> <li>(ii) Implementation of BRT Line-3 and MRT Line-6 will contribute to reduction of CO<sub>2</sub>.</li> </ul>	
			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?	

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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 Nepal EST Forum 2015 to Lao EST Forum 2017.</b>	
“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	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> <b>Some progress</b> (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>• Low carbon technologies are expensive.</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. (i) Bangladesh Climate Change Strategy and Action Plan 2009 is in place (ii) Bangladesh National Adaptation Program of Action (NAPA) is in place (iii) Initiatives for replacing diesel run buses/minibuses by CNG driven vehicles have been taken in 2008 and the process is going on. (iv) Electric Auto Rickshaw in Secondary cities.	
		Examples of important actions that you plan to carry out in next year (2017~2018) (i) Import EURO-IV standard buses in Urban areas. (ii) High occupancy and energy efficient vehicles (articulated and double decker buses) will be introduced. (iii) Encourage Hybrid /Electric Vehicle in Urban Area.	

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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.		
		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?		
“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 disabilities and elderly, affordability of transport systems for low-income groups, and up-gradation, modernization and integration of intermediate public transport	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> <b>Some progress</b> (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>• Funding constraint</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. <ol style="list-style-type: none"> <li>(i) The National Integrated Multimodal Transport Policy (NIMTP) addresses the issues of improved quality, safety and security for all, especially for women, physically challenged persons, senior citizens.</li> <li>(ii) Priority seats have been reserved in public transportation.</li> <li>(iii) Elevators have been installed at foot over bridges for easy crossing for Child, Elderly , Women and Person with disability.</li> <li>(iv) Special bus services for women and students have been introduced.</li> </ol>	

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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 Nepal EST Forum 2015 to Lao EST Forum 2017.</b>	
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <p style="padding-left: 40px;">(i) Upcoming MRT &amp; BRT will have improved facilities for Children,women, disables and elderly people.</p> <p style="padding-left: 40px;">(ii) Elevators in all major foot over bridges.</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"> <li>• <i>Goal 11.2</i> is being addressed by giving emphasis on providing safe and easy access 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 at all transit stations.</li> </ul>	
“Cross-Cutting”	<p>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</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> <b>Some progress</b> (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 experience in PPP Projects</li> <li>• Materialization of Road Fund takes time.</li> </ul>

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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.	
“Cross-Cutting”	19	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> <ul style="list-style-type: none"> <li>(i) Public Private Partnership (PPP) office has been created under Prime Minister’s Office (<a href="http://www.pppo.gov.bd">www.pppo.gov.bd</a>) PPP Law has been approved by the Government (<a href="http://www.pppo.gov.bd">www.pppo.gov.bd</a>).</li> <li>(ii) Road user charge (toll) is in place for Bridges and few selected National Highways.</li> <li>(iii) Parking policy has been drafted</li> <li>(iv) Dhaka Elevated Expressway is being constructed through PPP initiatives.</li> </ul>
			<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> <li>(i) Road congestion charge will be introduced in Dhaka city.</li> <li>(ii) Construction of Ashulia Elevated expressway will commence under PPP scheme.</li> </ul>
			<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>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</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> <p><input checked="" type="checkbox"/> <b>Largely in Place</b></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 Fund.</li> <li>• Continuity of effort.</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 Nepal EST Forum 2015 to Lao EST Forum 2017.</b>
	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> <ul style="list-style-type: none"> <li>(i) All acts, policies, plans, guidelines are now available in relevant websites.</li> <li>(ii) Policies are prepared through consultative process with major stakeholders.</li> <li>(iii) Awareness programs through training, campaigns, radio and TV promotional advertisements etc.</li> <li>(iv) Promotional campaigns ( branding, community awareness etc.) has been introduced in all Urban transport project</li> <li>(v) Emission and Road Safety situation is being monitored and published regularly. (<a href="http://case.doe.gov.bd/">http://case.doe.gov.bd/</a>, <a href="http://brta.gov.bd/">http://brta.gov.bd/</a>)</li> </ul>
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> <li>(i) Promotional campaigns will be made mandatory for all infrastructure projects.</li> <li>(ii) Awareness programs in academic curriculum will be introduced.</li> <li>(iii) Awareness program on Road safety.</li> </ul>
		<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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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 Nepal EST Forum 2015 to Lao EST Forum 2017.</b>	
“Cross-Cutting” Strategy	20 Develop dedicated and funded <b>institutions</b> that address sustainable transport-land use policies and implementation, including research and development on environmentally-sustainable transport, and promote good <b>governance</b> through implementation of environmental impact assessments for major transport projects	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> <b>Some progress</b> (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>• Inadequate manpower in relevant institution.</li> <li>• Lack of Funding.</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>(i) Dhaka Transport Coordination Authority (DTCA) has been created to act as a unitary body responsible for Land use and Transport planning.</li> <li>(ii) Several training institutions for land-use have been set up under the Ministry of Land</li> </ul>	
		Examples of important actions that you plan to carry out in next year (2017~2018) <ul style="list-style-type: none"> <li>(i) Dhaka Transport Coordination Authority (DTCA) will be fully functional.</li> <li>(ii) Initiatives to create dedicated institution for Land use and Transport planning like, DTCA for Dhaka in other major cities ( Chittagong, Rajshahi, Khulna, sylhet)</li> </ul>	
		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?	

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

“Cross-Cutting” Strategy	<p>Take policy initiatives to <b>improve rural access</b> 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"> <li>• Government has taken initiatives to develop rural road transport network to improve accessibility to Growth centers(GC), improve accessibility to social &amp; administrative points.</li> </ul>	<p>Barriers/Challenges faced in <b>improving rural connectivity</b>:</p> <ul style="list-style-type: none"> <li>• Land scarcity</li> <li>• Funding Constraints</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>• 234300.0 Kilometer of Earthen Road and 97180.0 kilometer of Flexible Pavement has been constructed in Rural area.</li> <li>• Rural Development and cooperatives Division (RDCD) implementing several projects for poverty reduction at rural level.</li> <li>• Economic Empowerment of the Poorest in Bangladesh (EEP) project aims at livelihood improvement of hard core poor people in rural areas.</li> </ul>	
		<p>Examples of important actions that you plan to carry out in next year (2017~2018)</p> <ul style="list-style-type: none"> <li>• Improvement of Upazila Road ( 5000 Km)</li> <li>• Improvement of Safety at junctions of rural roads with National Highways.</li> <li>• Development of Growth centers and Rural markets ( 1200 nos.)</li> <li>• Periodic and routine maintenance of paved and structures on rural roads.</li> </ul>	

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			Importance of improving <b>rural access</b> in your country's on-going efforts in achieving the Sustainable Development Goals (SDGs) under the 2030 Agenda for Sustainable Development?
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