

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

28-31 October 2019

Hanoi, Viet Nam

*Achieving Smart and Resilient Cities Through Low-Carbon and
Intelligent Transport System*

Country Report

(Draft)

< Nepal >

This country report was prepared by the Government of Nepal as an input for the Twelfth 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 Mongolia EST Forum 2018 to Viet Nam EST Forum 2019))

a) Name of the Country: NEPAL

b) Name, Designation and Line Ministry/Agency Respondent: GOPAL PRASAD SIGDEL, JOINT SECRETARY, MINISTRY OF PHYSICAL INFRASTRUCTURE AND TRANSPORT

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

d) Reporting period: 2018-2019

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

*Each member country of the Forum is kindly requested to prepare a consolidated country report (by **15 August 2019**) reflecting how EST trends and developments have taken place in the country from the Mongolia EST Forum 2018 to the Viet Nam EST Forum 2019 around the Goals of the Bangkok 2020 Declaration as an interim assessment following the below format. You are most welcome to add extra pages or sections to share any major on-going initiatives or future plans, including mega transport projects, transport master plans, special transport corridor development, expansion of railways and rail route developments, etc.*

The objective of the country reporting is to share among international community the voluntary progress/achievements/initiatives include various challenges faced by countries in implementing each of the underlined goals of the Bangkok 2020 Declaration to realize the Bali Vision Three Zeros, the Colombo Declaration and the Vientiane Declaration. This would help development agencies, donors, development banks in assessing the

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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 **15 August 2019.**

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 the Mongolia EST Forum 2018 to the Viet Nam EST Forum 2019.		
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	<p>Any action had been taken so far?</p> <p>× 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> <p>Lack of legal instrument.</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> <p>Not supported by the legal instruments. Government of Nepal recently promulgated the Land Use Act and expected to enforce in the future.</p>	

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Goal No.	Goal Description	Voluntary Progress/Achievements/Major Initiatives, including any transport master plans, development of special transport corridors, in Implementing the Bangkok 2020 Declaration from the Mongolia EST Forum 2018 to the Viet Nam EST Forum 2019.	
		<p>Examples of important actions that you plan to carry out in next year: Planning of urban transport infrastructure based on land use plan.</p>	
		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>	
“Avoid” Strategy	<p>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 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>× 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> <p>High investment cost because of high value of land (land acquisition),</p>

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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> <p>To establish the integrated transit oriented public transport in major cities, Government of Nepal has initiated to establish the Public Transport Authority in Major cities by the enactment of legal instrument. The government is Planning to introduce the environment friendly large public buses as the means of transit carrier in major cities by a state owned cooperative SAJHA YATAYAT.</p> <p>Examples of important actions that you plan to carry out in next year: Establishment of Public Transport Authority and separate legal instrument to establish and enforce the mass transit in major corridors of major cities.</p> <p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>	
"Avoid" Strategy	3 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:	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: Unavailability of Broad band Internet in all major cities, technical capacity of the provinces and local governments etc.

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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> <p>The transport policy and program has provisioned the use of ICT in transport management. The Ministry has program of tracking of public transport vehicles by GPS to locate the position and enhance security.</p>
		<p>Examples of important actions that you plan to carry out in next year:</p> <p>GPS tracking of public passenger vehicles, smart and intelligent traffic light in major cities for traffic management etc.</p>
		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>
<p>II. Strategies to <u>Shift</u> towards more sustainable modes</p>		

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“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.	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: Topographical barrier in Kathmandu valley.
		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. Initiation of pedestrian foot path and cycle track in feasible sections in major urban trunk roads.	
		Examples of important actions that you plan to carry out in next year. Construction of cycle track in ring road of the capital city and foot path in other urban roads.	

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		What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?	
“Shift” Strategy	5 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	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: Lack of integrated public transport. Lack of institutionalized transport operator and lack of institutional capacity.
		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. Legal provision to establish the public transport authority, introduction of large transit based buses in major trunk routes in major cities.	

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		<p>Examples of important actions that you plan to carry out in next year</p> <p>Establishment of Public Transport Authority and enactment of Public Transport Act. The Authority shall regulate and enforce the public transport operator.</p> <hr/> <p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>	
"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	<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> <p>Lack of Institutionally professional private transport operator, less reliable public transport services etc.</p>

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	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> <p>Promotion of mass transit transport in Policy of Government, Feasibility study of Mass Rapid Transit (MRT), Promotion of large capacity buses in major urban area etc.</p>
		<p>Examples of important actions that you plan to carry out in next year:</p> <p>Establishment of Public Transport Authority and enhancement of efficient and effective integrated public transport services by registered private transport operator in major cities.</p>
		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>

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7	<p>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> <p>× 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> <p>Lack of Institutional capacity and legal provision in some mode of transport (Rail, Inland Waterway etc.), Need of large investment in infrastructure which results non feasible option in development.</p>
“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> <p>Establishment of Nepal Shipping Office, Consideration of enactment of Regulation on Registration of Vessels, High priority on development of electrified railway etc.</p>	
		<p>Examples of important actions that you plan to carry out in next year</p> <p>Development and establishment of cross boarder Inland Navigation and cross border railway line between India and Nepal. Initiation on development of trans-Himalayan railway line between Nepal and China.</p>	

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		What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?	
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	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: Lack of uninterrupted supply of electricity, no reduced tax and tariffs on electric vehicles etc.
		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. The policy program of Government of Nepal has recently introduced the reduction of custom duties and taxes on electric vehicles. Introduction of large electric buses for public transport in major cities. Relaxation of tariffs and taxes on electric vehicle assembling industries etc.	

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		<p>Examples of important actions that you plan to carry out in next year.</p> <p>Programs to implement large electric public buses, tax waiver program on electric cars, Policies to promote bio-fuels etc.</p>	
		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>	
“Improve” Strategy	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> <p>× 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> <p>Lack of legal enforcement, public awareness etc.</p>

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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> <p>Policy on emission standards and legal provisions on threshold emission, policy on import of leadless petroleum product etc.</p>
		<p>Examples of important actions that you plan to carry out in next year: Strong legal enforcement measures, policy to promote Bio-fuel etc</p>
		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>

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‘Improve’ Strategy	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	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: Lack of public awareness, weak legal enforcement, less will and political commitment etc.
		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. Legal provision of scrapping of vehicles older than 20 years, policy on vehicle fitness testing and legal enforcement.	
		Examples of important actions that you plan to carry out in next year: Establishment of vehicle fitness centers in all provinces, legal enforce on inspection of vehicles.	

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		What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?	
"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? × Not yet <input type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: Institutional capacity, support infrastructures, lack of policy etc. lack of legal and institutional arrangement etc.
		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. None	
		Examples of important actions that you plan to carry out in next year: Legal and institutional arrangement, supporting infrastructures etc .	
		What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?	

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“Improve” Strategy	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	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: Lack of legal and institutional arrangements, large investment on infrastructures.
		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. Legal and institutional arrangements for inland water transport, Development of ICDs and ICPs etc.	
		Examples of important actions that you plan to carry out in next year Establishment of Waterway Authority, Enactment of Law, investment on development of major routes etc.	

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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?	
IV. <u>Cross-cutting</u> strategies			
"Cross-Cutting" Strategy	13 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	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box	Barriers/Challenges faced in implementation: Legal and institutional arrangements, weak legal enforcement, public awareness, lack of political commitment etc.
		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. Enactment of Nepal Road Safety Action Plan base on UN decade of actions, preparation of Road Safety Act and establishment of Nepal Road Safety Council etc.	

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		<p>Examples of important actions that you plan to carry out in next year:</p> <p>Establishment of Road Safety Council, Enactment of Road Safety Act, plans and programs to enhance safety and awareness etc.</p>	
		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>	
“Cross-Cutting”	<p>14 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 impacts of air pollution and</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p>× 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> <p>Legal and institutional arrangements, lack of public and users awareness etc.</p>

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	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>Constitutional provision to live in healthy environment, Policy to import EURO 4 standard vehicles, policy to promote electric vehicles, tax reduction on electric vehicles etc.</p>
		<p>Examples of important actions that you plan to carry out in next year:</p> <p>Policy to import EURO 4 standard vehicles, policy to promote electric vehicles, tax reduction on electric vehicles, large electric buses for mass transport etc.</p>
		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>

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15	<p>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 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>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> <p>Legal enforcement, lack of institutional arrangement, lack of public awareness, lack of policy and legal intervention etc.</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> <p>Policy on promotion of electric vehicles, tax reduction and tax waving on public and private electric vehicles: policy to promote mass transportation etc.</p>	
		<p>Examples of important actions that you plan to carry out in next year</p> <p>Promotion of electric vehicles, tax waving on public and private electric vehicles, promotion of mass transit electric buses.</p>	

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		What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?		
“Cross-Cutting” Strategy	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>Any action had been taken so far?</p> <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	<p>Barriers/Challenges faced in implementation:</p> <p>Lack of legal provisions, lack of awareness, lack of institutional arrangements etc.</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> <p>Plan, policy and program to enhance the green growth climate change focal agency, promotion of alternative energy etc.</p>	

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Goal No.	Goal Description	Voluntary Progress/Achievements/Major Initiatives, including any transport master plans, development of special transport corridors, in Implementing the Bangkok 2020 Declaration from the Mongolia EST Forum 2018 to the Viet Nam EST Forum 2019.	
		<p>Examples of important actions that you plan to carry out in next year: Legal enactment of green growth and climate change, Institutional arrangement for promotion of green growth etc.</p> <p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>	
“Cross-Cutting” Strategy	<p>17 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</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p>× 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: Lack of mandatory legal provision, ineffective legal enforcement in some issues, Investment capacity of the states, priority of the state etc.</p>

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Goal No.	Goal Description	Voluntary Progress/Achievements/Major Initiatives, including any transport master plans, development of special transport corridors, in Implementing the Bangkok 2020 Declaration from the Mongolia EST Forum 2018 to the Viet Nam EST Forum 2019.
	integration of intermediate public transport	<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>Policy provisions to initiate disable friendly public transport, subsidized public transport fare for students, children and elderly people etc.</p>
		<p>Examples of important actions that you plan to carry out in next year</p> <p>Disable friendly public transport initiation (SAJHA Bus), initiation of subsidized public transport fare for students, children and elderly people, appropriate legal and institutional arrangement, mandatory legal provision etc.</p>
		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>

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Goal No.	Goal Description	Voluntary Progress/Achievements/Major Initiatives, including any transport master plans, development of special transport corridors, in Implementing the Bangkok 2020 Declaration from the Mongolia EST Forum 2018 to the Viet Nam EST Forum 2019.	
18	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 partnerships such as land value capture, including consideration of carbon markets, wherever feasible	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: Legal and Institutional barriers, relatively less feasible transport infrastructure for private sector, lack of conducive environment for private investment, Overlapping of responsibilities among the agencies etc.
		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. Promulgation of PPP Act, approval of toll collection in different highway sections, Policy to establish an integrated public transport in major cities, Policy of government for green growth and carbon trading etc.	
		Examples of important actions that you plan to carry out in next year PPP Act for private investment in transport infrastructure, toll collection for sustainable maintenance fund, enhancement of integrated public transport services in major cities, enhance of green growth and carbon trading etc.	

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Goal No.	Goal Description	Voluntary Progress/Achievements/Major Initiatives, including any transport master plans, development of special transport corridors, in Implementing the Bangkok 2020 Declaration from the Mongolia EST Forum 2018 to the Viet Nam EST Forum 2019.	
		What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?	
“Cross-Cutting” Strategy	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 indicators, and participatory processes	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: Lack of legal instruments, Institutional arrangement, Lack of public awareness etc.
		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. Promulgation of Electric Vehicle Policy for sustainable transport, media coverage on clean and green transport initiatives etc.	

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Goal No.	Goal Description	Voluntary Progress/Achievements/Major Initiatives, including any transport master plans, development of special transport corridors, in Implementing the Bangkok 2020 Declaration from the Mongolia EST Forum 2018 to the Viet Nam EST Forum 2019.	
		<p>Examples of important actions that you plan to carry out in next year:</p> <p>Workshop, conference, media campaign in all three tiers of Governments,</p>	
		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>	
“Cross-Cutting”	20	<p>Develop dedicated and funded institutions that address sustainable transport-land use policies and implementation, including research and development on environmentally- sustainable transport, and promote good governance through</p>	<p>Any action had been taken so far?</p> <p>× 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> <p>Lack of legal instruments, Institutional arrangements, public awareness etc.</p>	

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Goal No.	Goal Description	Voluntary Progress/Achievements/Major Initiatives, including any transport master plans, development of special transport corridors, in Implementing the Bangkok 2020 Declaration from the Mongolia EST Forum 2018 to the Viet Nam EST Forum 2019.
	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> <p>The Government of Nepal has recently enacted the Land Use Act and categorized the ten different types of land uses. The further transport planning will be based on the Land Use Plan.</p>
		<p>Examples of important actions that you plan to carry out in next year</p> <p>Institutional arrangement concerning the enforcement of land use, policy programs to enhance the proper planning based on land-use, plans to promote integrated transport networks etc.</p>
		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>

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

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“Cross-Cutting” Strategy	<p>Take policy initiatives to improve rural access 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? The local governments have high priority in improvement of rural access, program to connect all rural municipal centers by all-weather black top roads etc.</p>	<p>Barriers/Challenges faced in improving rural connectivity: Topographical challenges, Investment capacity of Government, lack of institutional capacity of the rural municipalities, scattered settlements even in high hills etc.</p>
		<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> <p>Rural connectivity is under the jurisdiction of local government. The Federal and Provincial Governments have high priorities to improve the rural access and access to agricultural centers and reflected in their respective plan and programs.</p>	
		<p>Examples of important actions that you plan to carry out in next year Program to improve access and connect all rural municipalities by blacktop road by all three tier of Governments.</p>	
		<p>Importance of improving rural access in your country’s on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>	