

**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)

< Sri Lanka >

This country report was prepared by the Government of Sri Lanka 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: Sri Lanka

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

i). Ministry of Mahaweli Development and Environment

ii). Department of Motor Traffic of Ministry of Transport and Civil Aviation

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,

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the Colombo Declaration and the Vientiane Declaration. This would help development agencies, donors, development banks in assessing the sustainable transport needs and challenges to better devise their existing as well as future capacity building programs and operations in sustainable transport areas.

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> <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> <ul style="list-style-type: none"> • Difficult to Land acquisition • Higher density population among the roadsides • Lack of Coordination • Insufficient fund

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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"> • Sri Lanka: Megapolis Development Plan – 2016-2035 www.megapolis.gov.lk • Urban Transport Master Plan for Colombo and suburbs (2015-2035) www.transport.gov.lk • Greater Colombo Urban Transport Development Project www.transport.gov.lk • Clean Air 2025 Action Plan (2016 – 2025) • National Transport Policy(draft) www.transport.gov.lk
		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> • Light Trail Transit Project • Passenger Transportation from Private to Public • Public transport improvement projects • Promotions of e-mobility in Sri Lanka

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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>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <ul style="list-style-type: none"> • Transport sector has been identified as a key sector for mitigation strategy in Nationally Determined Contributions (NDCs) of Sri Lanka's commitment to the Paris Agreement • Effective management of air emissions from transport sector has been identified in the Clean Air Action Plan 2025 with the strategies of effective affordable and customer friendly public transport system, improvement of effective vehicle emission testing programme, traffic management etc. • Promotion of e-mobility in Sri Lanka • Necessary guidelines to be delivered to the related stakeholders through the National Transport Policy of Sri Lanka 	
"Avoid" Strategy	2 Achieve mixed-use development and medium-to-high densities along key corridors within cities through appropriate land - use policies and provide people - oriented local access, and actively promote transit-oriented development (TOD) when	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> • Limitation of Funds • Poor Technical Assistance • Lack of stakeholder involvement • Lack of Implementation of National Transport Policy

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	introducing new public transport infrastructure	<p>Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant.</p> <ul style="list-style-type: none"> • 6 LRT corridors were identified and initial development activities were started for one line • Urban Transport Master Plan for Colombo and suburbs (2015-2035) • Multi modal transport hubs locations has been identified and under developed •
		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> • Multi modal transport hub at Colombo Metropolitan Area • Installation of CCTV cameras in Colombo Metropolitan Areas to detect the traffic violations. • Introduce “demerit point system” to avoid the traffic violence of the driving license holders • Implementation of e-motoring project in Department of Motor Traffic

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		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <ul style="list-style-type: none"> • Reduction of traffic congestion • Minimizing the traffic accidents • Energy savings • Time Savings • Noise reduction and Air quality improvement • GHG reduction 		
“Avoid” Strategy	3	<p>Institute policies, programmes, and projects supporting Information and Communications Technologies (ICT), such as internet access, teleconferencing, and telecommuting, as a means to reduce unneeded travel</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> • Lack of Funding • Unavailability of comprehensive communication strategy and lack of communication with stakeholders.

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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"> • Projects to develop infrastructure to facilitate the provision of government services online https://www.icta.lk/current-projects/ • Arrangement for online application for obtaining e-motoring service including driving licenses, • Transport related Information delivery through the websites of different public and private institutions
		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> • Implementation of prepaid card system for fare collection of the Public Transport services • Electronic toll collection in Express ways and traffic congested highways entrance to minimize traffic density <p style="padding-left: 40px;">Introduce Vehicle Management System Boards specially in Express ways</p>

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		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <ul style="list-style-type: none"> • Travel Demand Management 	
II. Strategies to <u>Shift</u> towards more sustainable modes			
"Shift" Strategy	4	<p>Require Non-Motorized Transport (NMT) components in transport master plans in all major cities and prioritize transport infrastructure investments to NMT, including wide-scale improvements to pedestrian and bicycle facilities, development of facilities for intermodal connectivity, and adoption of complete street design standards, wherever feasible</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p> <p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> • Lack of Infrastructure development • Lack of Funding
		<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"> • Improve the facilities for the pedestrians • Provide separate lanes for the cyclists 	

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		<p>Examples of important actions that you plan to carry out in next year</p> <p>Activities/Actions not clearly identified</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> <ul style="list-style-type: none"> • Reduction of traffic congestion • Cost of Fuel savings • Energy savings • Noise reduction and Air quality improvements • GHG reduction 	
"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: <ul style="list-style-type: none"> • Lack of Finance. • No proper modal link • Lack of comfortability of public transportation

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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"> • Colombo Light Rail Transit Project (https://www.clr.lk/) • Introduction of Bus Priority Lanes in Colombo • Introduction of shuttle feeder bus routes • Redesign the public transport system on expressways • Revision of bus routes in Colombo metropolitan area • Ongoing Colombo suburban railway project

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		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> • Construction and Implementation of Colombo Light Rail Transit Project • Completion of Feasibility studies and Implementation for railway electrification project • Improvement of urban railway line • Introduction of inland water transportation • Introduction of comfortable low floor busses in Colombo Metropolitan area
		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <ul style="list-style-type: none"> • Reduction of traffic congestion • Cost of Fuel savings • Energy savings • Noise reduction and Air quality improvements • GHG reduction

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“Shift” Strategy	<p>6 Reduce the urban transport mode share of private motorized vehicles through Transportation Demand Management (TDM) measures, including pricing measures that integrate congestion, safety, and pollution costs, aimed at gradually reducing price distortions that directly or indirectly encourage driving, motorization, and sprawl</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> • Lack of Land acquisition • Lack of surveys, information and Lack of research data • Lack of co-ordination among relevant stakeholders
		<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"> • Transport Demand Surveys done by National Transport Commission 	
		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> • Changes of Public Transport Destinations • Create New modal connectivity 	
		<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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“Shift” Strategy	7 Achieve significant shifts to more sustainable modes of inter-city passenger and goods transport , including priority for high-quality long distance bus, inland water transport, high-speed rail over car and air passenger travel, and priority for train and barge freight over truck and air freight by building supporting infrastructure such as dry inland ports	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> • Loading & unloading issues in goods transportation by Railway. • Lack of warehouse facilities and security facilities in such stations. • Lack of finance to implement quality inter-city passenger transport service. • Lack of infrastructure facilities.
		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"> • Flour transport project by railway from Trincomallee • Fuel transportation to suburb stations in the country. 	
		Examples of important actions that you plan to carry out in next year <ul style="list-style-type: none"> • Introduction of luxury buses for express ways 	

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		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <ul style="list-style-type: none"> • Reduction of traffic congestion • Cost of Fuel savings • Energy savings • Noise reduction and Air quality improvements • GHG reduction 	
III. Strategies to <u>Improve</u> transport practices and technologies			
"Improve" Strategy	8	<p>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</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"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> • Lack of Finance. • Lack of modern technology • Not utilization of knowledgeable staff in relevant institutions.

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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"> • Enforcement of Euro 4 standard for vehicle importation • Fuel quality standard • Railway Electrification and modernization • Fuel Quality Road map • Technology Need Assessment for Transport • Tax concession for importation of electric and hybrid vehicles.
		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> • Railway Electrification and modernization • Introduce of Fuel Quality Road map

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		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <ul style="list-style-type: none"> • Enforcement of Euro 4 standard for vehicle importation • Fuel quality standard • Railway Electrification and modernization • Fuel Quality Road map • Technology Need Assessment for Transport • Tax concession for importation of electric and hybrid vehicles 	
“Improve” Strategy	<p>9 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><input checked="" type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> • Reluctance of vehicle users for implementation.
		<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>	

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		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> • Implementation of Euro 4 emission standard for new vehicles and in-use vehicles.
		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <ul style="list-style-type: none"> • Reduction of traffic congestion • Cost of Fuel savings • Energy savings • Noise reduction and Air quality improvements • GHG reduction

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‘Improve’ Strategy	<p>10 Establish effective vehicle testing and compliance regimes, including formal vehicle registration systems and appropriate periodic vehicle inspection and maintenance (I/M) requirements, with particular emphasis on commercial vehicles, to enforce progressive emission and safety standards, resulting in older polluting commercial vehicles being gradually phased-out from the vehicle fleet, as well as testing and compliance regimes for vessels</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p>X Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> • Lack of Finance. • Lack of modern technology • Not utilization of knowledgeable staff in relevant institutions.
		<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>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> • Planning for registration of vehicle repair and maintenance garages. • Recruiting enough inspectors and certifying officers to conduct periodically inspection of vehicles. 	

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		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <ul style="list-style-type: none"> • Reduction of traffic congestion • Cost of Fuel savings • Energy savings • Noise reduction and Air quality improvements • GHG reduction 	
“Improve” Strategy	<p>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</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> • Lack of Finance. • Lack of modern technology • Not utilization of knowledgeable staff in relevant institutions

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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"> • Electronic toll collection in expressways • Introduce of GPS system for intercity passenger transport services
		<p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> • Development of Electronic toll collection in expressways and congested roads. • Expansion of GPS system for all most all passenger transport services

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		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <ul style="list-style-type: none"> • Reduction of traffic congestion • Cost of Fuel savings • Energy savings • Noise reduction and Air quality improvements • GHG reduction 	
“Improve” Strategy	12	<p>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</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>
		<p>Barriers/Challenges faced in implementation:</p> <ul style="list-style-type: none"> • No enough space and difficulties of loading and unloading. • Lack of security arrangement 	

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	and management systems, and support better logistics and supply chain management	<p>Please add few specific examples of initiatives, pilot projects, major policies or programmes developed or under development (or) any major investment decisions. Please attach reports or include websites where relevant.</p> <ul style="list-style-type: none"> • Flour transportation by railway <hr/> <p>Examples of important actions that you plan to carry out in next year</p> <ul style="list-style-type: none"> • Expansion of container transportation by railway <hr/> <p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving the Sustainable Development Goals (SDGs) under the 2030 Agenda for Sustainable Development?</p> <ul style="list-style-type: none"> • Reduction of traffic congestion • Cost of Fuel savings • Energy savings • Noise reduction and Air quality improvements • GHG reduction
IV. <u>Cross-cutting</u> strategies		

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“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: <ul style="list-style-type: none"> • Socio impact and Reluctant to adopt to the existing law • Lack of discipline and lack of patience
		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"> • Make relevant regulations • Proper law enforcement procedures • Regularize all driving schools 	
		Examples of important actions that you plan to carry out in next year <ul style="list-style-type: none"> • Promote importation of safer vehicles • strengthening proper system for monitoring driving school 	
		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? <ul style="list-style-type: none"> • The Sustainable Development Goals (SDGs) 	

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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.	
“Cross-Cutting” Strategy	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 noise, and devise mitigation strategies, especially aiding sensitive populations near high traffic concentrations	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> • Practical difficulties being law enforcement • Lack of infrastructure facilities • No enough finance facilities
		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"> • Implementation of new regulations • Develop infrastructure facilities 	
		Examples of important actions that you plan to carry out in next year <ul style="list-style-type: none"> • Make strategies for Increasing law enforcement • Identified more populated areas and enhance infrastructure facilities 	

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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? <ul style="list-style-type: none"> • Increasing the productivity • Saving money 	
“Cross-Cutting”	15 Establish country-specific, progressive, health-based, cost-effective, and enforceable air quality and noise standards, also taking into account the WHO guidelines, and mandate monitoring 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	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> • Difficult to implementation measuring procedures • Difficult to collect the proper data
		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"> • Implementation of vehicle emission test program 	
		Examples of important actions that you plan to carry out in next year <ul style="list-style-type: none"> • Implementation of vehicle noise regulation 	

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	national standards, especially with regard to environments near high traffic concentrations	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? <ul style="list-style-type: none"> • Cost of Fuel savings • Energy savings • Noise reduction and Air quality improvements • GHG reduction 	
“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	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> • Lack of supporting services • Lack of infrastructure facilities
		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"> • Electrification of vehicles 	

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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> <ul style="list-style-type: none"> • Improvement of electrification 	
		<p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p> <ul style="list-style-type: none"> • Cost of Fuel savings • Energy savings • Noise reduction and Air quality improvements • GHG reduction 	
“Cross-Cutting”	<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</p>	<p>Any action had been taken so far?</p> <p><input checked="" type="checkbox"/> Not yet</p> <p><input type="checkbox"/> Some progress (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Barriers/Challenges faced in implementation:</p>

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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.	
	accessibility of streets and public transport systems for persons with disabilities and elderly, affordability of transport systems for low-income groups, and up-gradation, modernization and integration of intermediate public transport	<p>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> <hr/> <p>Examples of important actions that you plan to carry out in next year</p> <hr/> <p>What importance does this particular EST Goal attach in your country's on-going efforts in achieving (a) the Sustainable Development Goals (SDGs), (b) New Urban Agenda, and (c) Paris Climate Agreement?</p>	
"Cross-Cutting"	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	Any action had been taken so far? <input checked="" 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:

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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.		
		partnerships such as land value capture, including consideration of carbon markets, wherever feasible	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.	
			Examples of important actions that you plan to carry out in next year	
			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"	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	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> • No enough knowledge

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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.
	indicators, and participatory processes	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.
		Examples of important actions that you plan to carry out in next year
		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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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.	
“Cross-Cutting” Strategy	20 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 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"/> Some progress (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Barriers/Challenges faced in implementation: <ul style="list-style-type: none"> • Infrastructures not developed to e-connectivity good governance with related institutions
		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.	
		Examples of important actions that you plan to carry out in next year <ul style="list-style-type: none"> • E-motoring system for vehicle transactions 	

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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?

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

"Cross-Cutting" Strategy	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	List some of actions taken to improve rural access in your country so far? <ul style="list-style-type: none"> Enhance lot of rural development projects 	Barriers/Challenges faced in improving rural connectivity: <ul style="list-style-type: none"> Reluctant to make changes
		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.	

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			Examples of important actions that you plan to carry out in next year
			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?