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Final Programme-Eighth Regional EST Forum in Asia

INTERGOVERNMENTAL EIGHTH REGIONAL ENVIRONMENTALLY SUSTAINABLE TRANSPORT (EST) FORUM IN ASIA

19-21 November, 2014

Venue: Bandaranaike Memorial International Conference Hall (BMICH)
Colombo, Sri Lanka

Next Generation Solutions for Clean Air and Sustainable Transport – Towards a Livable Society in Asia

Organized by:

Ministry of Environment and Renewable Energy (MERE), Sri Lanka
Ministry of Transport (MOT), Sri Lanka
Ministry of the Environment (MOE), Japan
Clean Air Asia (CAA)
United Nations Centre for Regional Development (UNCRD)

Co-Chairs:

Hon. Mr. Susil Premajyantha, Minister of Environment and Renewable Energy & Hon. Mr. Kumara Welgama, Minister of Transport, Sri Lanka

DAY 1: 19 NOVEMBER 2014	
Time / Room	Programme
08:00-09:00	Registration
09:00-10:30	Opening Ceremony
9:00	1. Welcome Remarks: <ul style="list-style-type: none"> ▪ B. M. U. D. Basnayake, Secretary, Ministry of Environment and Renewable Energy, Sri Lanka (5 min.)
<i>[Venue: Main Conference Hall, BMICH]</i>	2. Opening Remarks: <ul style="list-style-type: none"> ▪ Mr. Robert O’Keefe, Chair of Board of Trustees, Clean Air Asia (5 min.) ▪ Mr. Nikhil Seth, Director of the Division for Sustainable Development, United Nations Department of Economic and Social Affairs (UN DESA) (5 min.) ▪ Mr. Teruyoshi Hayamizu, Councillor of Minister’s Secretariat, Ministry of the Environment (MOE), Japan (5 min.) ▪ Hon. Mr. Kumara Welgama, Minister of Transport, Sri Lanka (5 min.) ▪ Hon. Mr. Susil Premajyantha, Minister of Environment and Renewable Energy, Sri Lanka (5 min.)
9:05	
9:10	
9:15	
9:20	
9:25	



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9:30	3. Special Message by UN Secretary-General Mr. Ban Ki-moon (5 min.)
9:35	4. Keynote Address: <i>Transforming Societies through Next Generation Transport and Clean Air Solutions in Post 2015 Development Era-</i> by Mr. Nikhil Seth , Director of the Division for Sustainable Development, United Nations Department of Economic and Social Affairs (UN DESA) (20 min.)
9:55	5. Introduction to the Guest of Honour: ▪ Mr. Don Jayaweera , Executive Director, Clean Air Sri Lanka (5 min.)
10:00	6. Special Message of His Excellency Mr. Mahinda Rajapaksa, President of Democratic Socialist Republic of Sri Lanka (15 min.)
10:15	7. Launch of the Commemorative Stamp for the Integrated Conference
10:20	8. Group Photograph
10:30-11:00	Coffee/Tea Break
11:00-12:30	EST PLENARY SESSION 1 Implementing Bali Vision Three Zeros ~ Zero Congestion, Zero Pollution, Zero Accidents Towards Achieving a Livable and Sustainable Society in Asia
[Venue: Main Conference Hall]	<p>Presentation of Background Paper: 1) <i>Implementing Transport Policies and Programmes toward Realizing “Bali Vision Three Zeros – Zero Congestion, Zero Pollution, and Zero Accidents towards Next Generation Transport Systems in Asia -</i> by Mr. Todd Litman, Founder and Executive Director, Victoria Transport Policy Institute (VTPI), Canada (20 min.)</p> <p>Panel Discussion:</p> <ol style="list-style-type: none"> Mr. Tulasi Prasad Sitaula, Secretary, Ministry of Physical Infrastructure and Transport, Nepal Ms. Elly Sinaga, Director General, R&D Agency, Ministry of Transportation, Indonesia Mr. Mukund Kumar Sinha, Joint Secretary, Ministry of Urban Development, India Mr. Ildefonso T. Patdu, Jr., Assistant Secretary for Project Implementation, Department of Transportation and Communications, Philippines Prof. Dinesh Mohan, Professor Emeritus, Indian Institute of Technology Delhi, India Mr. Cornie Huizenga, Secretary General, Partnership on Sustainable, Low Carbon Transport (SLoCaT) <p style="text-align: right;">Session Chair: Hon. Mr. Susil Premajayantha, Minister of Environment and Renewable Energy, Sri Lanka</p> <p style="text-align: right;">Facilitator: Mr. Todd Litman, Founder and Executive Director, VTPI</p> <p style="text-align: right;">Rapporteur: Mr. Karl Adam Peet, SLoCaT</p>



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	<p><u>Discussion Points:</u></p> <ol style="list-style-type: none"> 1. What are the major driving forces for next generation transport system (both at local and national level) to meet the aspirations underlined in Bali Vision Three Zeros? If not, what is the cost of inaction in transport sector in terms of – environmental degradation, suppressed mobility and loss of access to essential utilities and services resiliency and quality of life? 2. Can Asian countries avoid the problems experienced by other countries during rapid periods of industrialization and urbanization? Are prevailing models of city and transport planning apt to confront local traffic constraints and environmental degradation in cities? 3. How well are Asian government agencies doing to collaborate for sustainable planning solutions? For example, are transportation agencies working with environmental agencies and social service to create more efficient and inclusive transportation systems? 4. What role should planners, engineers and architects play in guiding sustainable development? What is needed to build capacity in these professions? <p><u>Open Discussion:</u></p>
12:30-13:30	Networking Lunch
13:30-15:00	EST PLENARY SESSION 2 e-Mobility as the Next Generation Solutions for Clean Air and Sustainable Transport in Asia
<p>[Venue: Main Conference Hall]</p>	<p><u>Presentation of Background Paper:</u></p> <ol style="list-style-type: none"> 1) <i>e-Mobility as the Next Generation Solutions for Clean Air and Sustainable Transport in Asia</i> -by Mr. Ralph Wahnschafft, Independent Senior Advisor on Sustainable Development Policies, Berlin, Germany (15 min.) 2) <i>The Electric Mobility Policy and Electric Vehicle Pilots Projects in Bhutan</i> -by Mr. Lhaba Tshering, Chief Planning Officer, Perspective Planning Division, Gross National Happiness Commission Secretariat, Thimphu, Bhutan (10 min.) <p><u>Panel Discussion:</u></p> <ol style="list-style-type: none"> 1. Mr. Aurangzeb Haque, Additional Secretary, Ministry of Communications, Pakistan 2. Mr. Daniel Darius M. Nicer, Assistant Secretary, Department of Environment and Natural Resources, Philippines
	<p><u>Session Chair:</u></p> <p>Mr. A. Wassay Rahim, Senior Advisor to Minister, Ministry of Urban Development Affairs, Afghanistan</p> <p><u>Facilitator:</u></p> <p>Mr. Ralph Wahnschafft,</p>



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	<p>3. Mr. Sagar Dynaneshwar Naik, Mayor, Navi Mumbai Municipal Corporation, India</p> <p>4. Mr. Lhaba Tshering, Chief Planning Officer, Gross National Happiness Commission Secretariat, Bhutan</p> <p>5. Mr. Roland Haas, Programme Director, ASEAN-German Technical Cooperation</p> <p>6. Mr. Shun Watanabe, Terra Motors Corporation, Japan</p> <p>7. Mr. Kulwant Singh, Regional Advisor, United Nations Human Settlements Programme (UN-HABITAT)</p> <p>Discussion Points:</p> <ol style="list-style-type: none"> 1. What are the new emerging trends in e-Mobility? Why should e-Mobility matters to Asian countries and cities in realizing next generation transport system? What it means in terms of Bali Vision Three Zeros? 2. What policy, institutional mechanism, and new partnerships can trigger advancement of e-Mobility in Asia? 3. Is current level of transport infrastructure and institutional arrangements conducive to expansion of e-Mobility in Asian countries? 4. What are the knowledge, financial and technical assistance/solutions available at international level for promotion of e-Mobility? 5. What opportunities e-Mobility do offer us in meeting the internationally agreed target of limiting the average global temperature rise to maximum 2° C (above pre-industrial level)? <p>Open Discussion:</p>	<p>Independent Senior Advisor on Sustainable Development Policies, Berlin, Germany</p> <p><u>Rapporteur:</u></p> <p>Mr. Simon Ka Wing Ng, Civic Exchange</p>
15:00-15:30	Coffee/Tea Break	
15:30-17:00	<p>EST PLENARY SESSION 3</p> <p>Improved Accessibility to Essential Utilities and Services – A Critical Need for Communities of Emerging Asia</p>	
[Venue: Main Conference Hall]	<p>Presentation of Background Paper:</p> <p>1) <i>Improved Accessibility to Essential Utilities and Services – A Critical Need for Communities of Emerging Asia</i> -by Mr. Peter O’Neill, Chief, Transport Policy and Development Section, UN ESCAP (15 min.)</p> <p>2) <i>Next Generation Urban Mobility Plans</i> -by Mr. Manfred Breithaupt, Senior Transport Advisor, German International Cooperation (GIZ) (10 min.)</p>	<p><u>Session Chair:</u></p> <p>Mr. Daniel Darius M. Nicer, Assistant Secretary, Department of Environment and Natural Resources, Philippines</p>



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	<p>Panel Discussion:</p> <ol style="list-style-type: none"> Mr. Mahendra Subba, Joint Secretary, Ministry of Urban Development, Nepal Mr. Chan Dara, Director General, General Department of Transport, Ministry of Public Work and Transport, Cambodia Mr. A. Wassay Rahim, Senior Advisor to Minister, Ministry of Urban Development Affairs, Afghanistan Mr. Rashid Hassan, Advisor, Ministry of Environment and Forests and Climate Change, India Mr. Do Nam Thang, Deputy Director General, International Cooperation Department, Ministry of Nature Resource and Environment, Viet Nam Ms. Chutinthorn Praditphet, Policy and Plan Analyst, Ministry of Transport, Thailand <p>Facilitator: Prof. Marie Thynell, University of Gothenburg</p> <p>Rapporteur: Mr. Santosh Kodukula, ICLEI</p> <p>Discussion Points:</p> <ol style="list-style-type: none"> How have the Asian cities addressed access to essential utilities and services in their transport policy, planning, and implementation? What does it mean in terms of inclusive growth, national productivity, poverty reduction and human development? How can the inequalities in such accessibility between urban and rural areas be addressed within countries? How effective have the current transport policies and programs been in addressing rural-urban connectivity towards socio-economic upliftment of the rural community and the farmers (health, education, employment, food and livelihood security, productivity, etc.)? What can trigger socio-economic considerations in transport policy, planning, and implementation? Which are the champion cities? What critical lessons can we learn from them? How well are Asian cities integrating transport and land use planning (“smart growth,” “transit-oriented development” and vehicle parking policy reforms), and implementing pricing policy reforms? These are often as important as road and transit infrastructure planning. <p>Open Discussion:</p>



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Time / Room	Programme
17:15-18:45	<p>EST PLENARY SESSION 4</p> <p>Road Safety and Injury Prevention – Indispensable for National Productivity</p>
<p>[Venue: Main Conference Hall]</p>	<p>Presentation of Background Paper:</p> <p>1) <i>Implications of Road Safety in National Productivity and Human Development in Asia</i> -by Prof. Jac Wismans, SAFER-Vehicle and Traffic Safety Centre, Sweden (15 min.)</p> <p>2) <i>Impact of Road Traffic Crashes in Asia: A Human and Economic Assessment</i> -by Prof. Dinesh Mohan, Professor Emeritus, Indian Institute of Technology Delhi, India (15 min.)</p> <p>Panel Discussion:</p> <ol style="list-style-type: none"> Hon. Mr. Rohana Kumara Dissanayake, Deputy Minister, Ministry of Transport, Sri Lanka Mr. M. A. N. Siddique, Secretary, Road Transport and Highways Division, Ministry of Road Transport and Bridges, Bangladesh Mr. Evgeny Vakulenko, First Secretary, Department of International Organizations, Ministry of Foreign Affairs, Russian Federation Ms. Nguyen Thi Thu Hang, Deputy Director General, Ministry of Transport, Viet Nam Dr. Carlos Dora, Coordinator, Department of Public Health and Environment, World Health Organization (WHO) Prof. Sanjivi Sundar, HUDCO Chair Professor in TERI University Prof. Yoshitaka Motoda, Iwate Prefectural University, Japan Mr. Amit Bhatt, EMBARQ-India <p>Discussion Points:</p> <ol style="list-style-type: none"> Road safety and injuries prevention are major public health priority. How do they cost to national productivity and human development? What are the root causes of the growing road accidents and fatalities in Asia? Is it a policy problem, regulation failures, enforcement problem, infrastructure design problem, or a combination of all? What does it mean to have dedicated NMT (walking and bicycle) lanes in the heart of Bali Vision Three Zeros – Zero Congestion, Zero Pollution, and Zero Accidents? Despite the fact that NMT offers the maximum co-benefits with least cost or investment, what are the major barriers and challenges faced by Asian countries in integrating (NMT) in their urban and transport policy, planning and implementation? Can we realize next generation transport system and 21st century cities without giving due consideration to safe
	<p><u>Session Chair:</u></p> <p>Mr. Tulasi Prasad Sitaula, Secretary, Ministry of Physical Infrastructure and Transport, Nepal</p> <p><u>Facilitator:</u></p> <p>Prof. Dinesh Mohan, Professor Emeritus, IIT Delhi</p> <p><u>Rapporteur:</u></p> <p>Mr. Colin Hughes Director of National Policy & Project Evaluation, ITDP</p>



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	<p>and dedicated NMT facilities and infrastructure?</p> <p>5. What critical lessons do we learn from Indian case?</p> <p>6. How to implement and/or enforce the WHO 2011-2020 Decade of Action recommendations?</p> <p>Open Discussion:</p> <p><i>[Launch of Report on "Transport Emissions and India's Diesel Mystery - Comparing Top-Down and Bottom-Up Carbon Estimates"]</i></p>
19:00-21:00	<p>WELCOME RECEPTION HOSTED BY MINISTRY OF ENVIRONMENT & RENEWABLE ENERGY, SRI LANKA</p> <p>Venue: Waters Edge</p>



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DAY 2: 20 NOVEMBER 2014	
Time / Room	Programme
9:00-10:30	<p>EST PLENARY SESSION 5</p> <p>Colombo Metropolitan Transport Master Plan vis-à-vis National and International Effort on Low Carbon Technology Transfer and Infrastructure Development in Transport Sector</p>
<p>[Venue: Main Conference Hall]</p>	<p>Presentation: <i>Colombo Metropolitan Transport Master Plan and Areas for International Cooperation</i> -by Mr. Dhammika Perera, Secretary, Ministry of Transport (MOT), Sri Lanka & Mr. J. M. Thilakarathna Banda, Additional Secretary, Ministry of Transport (MOT), Sri Lanka (15 min.)</p> <p>Panel Discussion: 1) <i>ADB's Cooperation and Technical Assistance on Low Carbon Transport Development in Asia</i> -by Ms. Karma Yangzom, Environment Specialist, Asian Development Bank (ADB) (10 min.) 2) <i>International Cooperation of Ministry of the Environment of Japan for the Promotion of Low Carbonization in Developing Countries</i> -by Mr. Teruyoshi Hayamizu, Councillor of Minister's Secretariat, Ministry of the Environment (MOE), Japan (10 min.) 3) <i>JICA's Technical Cooperation Towards Low Carbon Infrastructure Development</i> -by Mr. Tomohiro Ono, Advisor (JICA Expert) Japan International Cooperation Agency (JICA) (10 min.)</p> <p>Discussion Points:</p> <ol style="list-style-type: none"> 1. With rapid growth in private vehicles in Asia and with the international commitment to keep the average global temperature rise to maximum 2°C above pre-industrial level, what are the critical decarbonizing policy options for Asian countries to consider in the transport sector? 2. Should Asian countries actively consider shifting from road (which depends heavily on fossil-fueled vehicles) to more environmentally friendly rail based transportation system? 3. What type of partnerships could trigger implementation of wide-scale advanced information technologies such as intelligent transport systems (ITS)/intelligent freight system (IFS) to achieve greater efficiency in transport operation and services leading to reduction of CO2 emissions? 4. What is the prospect of e-Mobility in Asia as next generation zero carbon
	<p><u>Session Chair:</u> Hon. Mr. Rohana Kumara Dissanayake, Deputy Minister, Ministry of Transport, Sri Lanka</p> <p><u>Facilitator:</u> Mr. Cornie Huizenga, Secretary General, SLoCaT</p> <p><u>Rapporteur:</u> Mr. Karl Adam Peet, SLoCaT</p>



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	<p>emission vehicles?</p> <p>5. What are the biggest barriers Asian countries are facing with regard to low carbon transport solutions and technology transfer? What role international organizations and development agencies can play for low carbon technology transfer and infrastructural development in the developing countries of Asia?</p> <p>6. What lessons we can learn from Colombo Metropolitan Transport Master Plan? Will it lead to a low carbon development path? What international cooperation and support available for Colombo and other Asian cities to decarbonize their transport (including freight) operation and services for long term benefits?</p> <p>Open Discussion:</p>	
10:30-11:00	Coffee/Tea Break	
11:00-13:00	<p>EST PLENARY SESSION 6</p> <p>Special Event of Asian Mayors and Local Authorities ~ Realizing Resilient, Smart and Livable Cities in Asia – Role of EST</p> <p>[followed by signing of the <i>Kyoto Declaration (addendum) for the Promotion of Environmentally Sustainable Transport ~Towards Realizing Resilient, Smart and Liveable Cities in Asia at the Welcome Reception on Day 2 / 19:00-21:00]</i></p>	
<i>[Venue: Main Conference Hall]</i>	<p><i>(Participated Cities)</i> [Dhaka North, Sylhet, Shanghai, Navi Mumbai, Yogyakarta, Makassar, Palembang, Tangerang, Ulaanbaatar, Kathmandu, Karachi, Baguio, Cebu, Singapore, Bangkok, Chiang Mai, Colombo, Matale]</p> <p>Keynote Presentation: <i>Healthy Performance of Urban Transport - a measure of success for resilient and liveable cities</i> -by Mr. Carlos Dora, Coordinator, Department of Public Health and Environment, World Health Organization (WHO) (10 min.)</p> <p>Background Presentation: <i>Realizing Resilient, Smart and Livable Cities in Asia – Role of EST</i> -by Mr. Sungwon Lee, Vice President, The Korea Transport Institute (KOTI) (10 min.)</p> <p>Other Presentations: 1) <i>EcoMobility: An Integral Part of the Next Generation Transport System in Asia – Role of Dedicated Walkways and Cycleways (NMT)</i> -by Mr. Emani</p>	<p><u>Session Chair:</u> Hon. Mr. Ahamed Jamaldeen Mohamed Muzammil, Mayor Colombo Municipal Council, Sri Lanka</p> <p><u>Facilitator:</u> Mr. C.R.C. Mohanty, UNCRD & Mr. Thomas Hamlin, Technical Adviser, UN DESA</p>



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	<p>Kumar, Deputy Secretary General, Local Governments for Sustainability (ICLEI) (7 min.)</p> <p>2) <i>Seamless Multimodal Integration for Smart City Public Transportation Network</i> -by Mr. Manfred Breithaupt, Senior Transport Advisor, German International Cooperation (GIZ) (7 min.)</p> <p>3) <i>WHO/WPRO's perspective on Health and Air Pollution</i> -by Mr. Jung Sub Yeom, Regional Office for the Western Pacific, World Health Organization (WHO) (7 min.)</p> <p><i>[In addition to the background report, a number of City reports will be made available through UNCRD website (http://www.uncrd.or.jp/) for additional reference in support of policy discussion]</i></p> <p>Panel Discussion:</p> <ol style="list-style-type: none"> Mr. Sagar Dynaneshwar Naik, Mayor, Navi Mumbai Municipal Corporation, India Mr. Edgardo C. Labella, Vice Mayor, Cebu City, the Philippines Mr. Dadi Budaeri Sugiono, Secretary, Government of Tangerang City Mr. Xiaojian Dai, Deputy Director-General, Shanghai Municipal Transportation Commission, People's Republic of China Mr. Rauf Akhtar Farooqui, Administrator, Karachi Metropolitan Corporation, Pakistan Mr. Md. Aminul Islam, Chief Estate Officer, Dhaka North City Corporation <p>Discussion Points:</p> <ol style="list-style-type: none"> How far have the Asian cities integrated quality of life and safety as central to their transport policy, planning and development, including transport infrastructure development? Which Asian cities have the best traffic safety record? Why? What does this teach us? Which Asian cities provide the best quality of life to residents, both poor and wealthy? Why? What does this teach us? One of the proposed Sustainable Development Goals (SDGs) for the post-2015 development agenda is to make cities and human settlements inclusive, safe, resilient and sustainable. How far have we succeeded in building resilience of our cities given the transport infrastructures' vulnerability to impacts of climate change and natural disasters? What would be the cost of inaction on resiliency? 	<p><u>Rapporteur:</u></p> <p>Mr. Simon Ka Wing Ng, Civic Exchange</p>



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	<p>5. Next generation smart cities and transport solutions call for wider scale implementation of intelligent transport system (ITS) for increasing efficiency, fuel economy, and productivity, reducing pollution, and improving road safety. What type of partnerships at city level could be helpful to that regard?</p> <p>6. What are the biggest hindrances for Asian cities to build required transport infrastructures to meet specific mobility needs of those in vulnerable situations – women, children, persons with physical disabilities and older persons? How can these humanitarian provisions be mainstreamed in city development strategies or action plans? What type of cities we should dream for by 2030?</p> <p>7. What could Asian cities offer in support of the transport related commitments (on electric mobility; railways; public transport; fuel economy; and green freight) made at the UN Secretary General’s Climate Summit 2014? What voluntarily policies, programmes, projects, including master plans, they could develop, introduce and implement in support of these transport commitments?</p> <p><i>[Adoption of the Addendum to Kyoto Declaration on EST by Asian Mayors and Local Authorities]</i></p> <p>Open Discussion:</p>	
13:00-14:00	Networking Lunch	
	COUNTRY BREAKOUT SESSION ON EST	
14:00-15:15	Presentation on Country Initiatives and Achievements on Implementing Goals of Bangkok 2020 Declaration	
14:00-15:15	<p>Breakout Group 1:</p> <p>Countries: <i>Afghanistan, Bhutan, Cambodia, Indonesia, Japan, the Philippines</i></p> <ul style="list-style-type: none"> - Presentation by Afghanistan Delegation (7 min.) - Presentation by Bhutan Delegation (7 min.) - Presentation by Cambodia Delegation (7 min.) - Presentation by Indonesian Delegation (7 min.) - Presentation by Japan Delegation (7 min.) - Presentation by the Philippines Delegation (7 min.) <p><i>[Venue: Committee Room A]</i></p>	<p><u>Session Chair:</u></p> <p>Mr. Nugroho Indrio, Senior Advisor to the Minister for Technology, Energy, and Environment, Indonesia</p>



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	<p>[Country presentations (using maximum 5 slides) to focus on – (a) major achievements/new initiatives; (b) critical challenges faced; and (c) major plans, including mega-projects and master plans, in pipeline for future action]</p> <p>Expert Comments/Intervention:</p> <ol style="list-style-type: none"> 1. Ms. Bronwen Thronton, Development Director, Walk21 (3 min.) 2. Prof. Sanjivi Sundar, HUDCO Chair Professor, TERI University (3 min.) 3. Prof. Jac Wismans, SAFER-Vehicle and Traffic Safety Centre (3 min.) <p>Open Discussion:</p>	<p><u>Facilitator:</u></p> <p>Mr. Manfred Breithaupt, Senior Transport Advisor, GIZ</p> <p><u>Rapporteur:</u></p> <p>Mr. Stefan Bakker, GIZ</p>
<p>14:00-15:15</p> <p>[Venue: Committee Room B]</p>	<p>Breakout Group 2:</p> <p>Countries: <i>Bangladesh, Malaysia, Nepal, Pakistan, Thailand</i></p> <ul style="list-style-type: none"> - Presentation by Bangladesh Delegation (7 min.) - Presentation by Malaysia Delegation (7 min.) - Presentation by Nepal Delegation (7 min.) - Presentation by Pakistan Delegation (7 min.) - Presentation by Thailand Delegation (7 min.) <p>[Country presentations (using maximum 5 slides) to focus on – (a) major achievements/new initiatives; (b) critical challenges faced; and (c) major plans, including mega-projects and master plans, in pipeline for future action]</p> <p>Expert Comments/Intervention:</p> <ol style="list-style-type: none"> 1. Prof. Marie Thynell, University of Gothenburg (3 min.) 2. Prof. Yoshitaka Motoda, Iwate Prefectural University (3 min.) <p>Open Discussion:</p>	<p><u>Session Chair:</u></p> <p>Mr. Aurangzeb Haque, Additional Secretary, Ministry of Communications, Pakistan</p> <p><u>Facilitator:</u></p> <p>Mr. Amit Bhatt, EMBARQ-India</p> <p><u>Rapporteur:</u></p> <p>Mr. Bert Fabian, UNEP, Nairobi</p>



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<p>14:00-15:15</p> <p><i>[Venue: Committee Room C]</i></p>	<p>Breakout Group 3:</p> <p>Countries: <i>India, Lao PDR, Mongolia, Sri Lanka, Singapore, Viet Nam</i></p> <ul style="list-style-type: none"> - Presentation by India Delegation (7 min.) - Presentation by Lao PDR Delegation (7 min.) - Presentation by Mongolia Delegation (7 min.) - Presentation by Sri Lanka Delegation (7 min.) - Presentation by Singapore Delegation (7 min.) - Presentation by Viet Nam Delegation (7 min.) <p><i>[Country presentations (using maximum 5 slides) to focus on – (a) major achievements/new initiatives; (b) critical challenges faced; and (c) major plans, including mega-projects and master plans, in pipeline for future action]</i></p> <p>Expert Comments/Intervention:</p> <ol style="list-style-type: none"> 1. Mr. Cornie Huizenga, Secretary General, SLoCaT (3 min.) 2. Mr. Surya Raj Acharya, Tribhuvan University (3 min.) 3. Mr. Lewis M. Fulton, Co-Director, NextSTEPS Programme, University of California, Davis, USA (3 min.) <p>Open Discussion:</p>	<p><u>Session Chair:</u></p> <p>Mr. B.M.U.D. Basnayake, Secretary, Ministry of Environment and Renewable Energy, Sri Lanka</p> <p><u>Facilitator:</u></p> <p>Ms. Sophie Punte, Executive Director, Smart Freight Centre</p> <p><u>Rapporteur:</u></p> <p>Mr. Jagir Rathore, Smart Freight Centre</p>
<p>14:00-15:15</p> <p><i>[Venue: Committee Room D]</i></p>	<p>Breakout Group 4:</p> <p>Countries: <i>Myanmar, Republic of Korea, Russian Federation, Maldives,</i></p> <ul style="list-style-type: none"> - Presentation by Myanmar Delegation (7 min.) - Presentation by Republic of Korea Delegation (7 min.) - Presentation by Russian Federation Delegation (7 min.) - Presentation by Maldives Delegation (7 min.) <p><i>[Country presentations (using maximum 5 slides) to focus on – (a) major achievements/new initiatives; (b) critical challenges faced; and (c) major plans, including mega-projects and master plans, in pipeline for future action]</i></p> <p>Expert Comments/Intervention:</p> <ol style="list-style-type: none"> 1. Mr. Todd Litman, Victoria Transport Policy Institute (3 min.) 2. Prof. Mohamed Rehan Bin Karim, University of Malaysia (3 min.) 3. Mr. Roland Haas, ASEAN-German Technical Cooperation (3 min.) <p>Open Discussion:</p>	<p><u>Session Chair:</u></p> <p>Hon. Mr. Abdulla Muththalib, Deputy Minister, Ministry of Housing and Infrastructure, Maldives</p> <p><u>Facilitator:</u></p> <p>Mr. Simon Ka Wing Ng, Civic Exchange</p> <p><u>Rapporteur:</u></p> <p>Mr. Sudhir Gota</p>
<p>15:15-15:45</p>	<p>Coffee/Tea Break</p>	



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15:45-17:00	EST PLENARY SESSION 7 Private Sector Financing for Next Generation Transport Infrastructure	
<p>[Venue: Committee Room A]</p>	<p>Presentation of Background Paper:</p> <p>1) <i>Mobilizing Private Sector Financing for the Realization of Next Generation Solutions for Sustainable Transport in Asia</i> -by Mr. Cornie Huizenga, Secretary General, Partnership on Sustainable, Low Carbon Transport (SLoCaT) (15 min.)</p> <p>2) <i>The High Shift Scenario: How cities can save \$100 Trillion by 2050 for More Public Transport, Walking and Cycling with Lower Car Use</i> -by Mr. Lewis M. Fulton, Co-Director, NextSTEPS Programme, University of California, Davis, USA (10 min.)</p> <p>Panel Discussion:</p> <ol style="list-style-type: none"> Mr. Edgardo C. Labella, Vice Mayor, Cebu City, the Philippines Mr. Manfred Breithaupt, Senior Transport Advisor, German International Cooperation Mr. Colin Hughes, Director of National Policy & Project Evaluation, ITDP <p>Discussion Points:</p> <ol style="list-style-type: none"> How might different orientations of transportation infrastructure funding and policy affect the overall transportation infrastructure investment needs as well as transportation expenditures by consumers, business, and governments? Is there an alignment between sustainable transportation, cost-effective mobility and access improvement, and low carbon development, or are these in conflict with each other? The 7th Regional EST Forum in Bali/Indonesia in 2013 noted that many developing and emerging economies had considerable infrastructure deficit at the current level of urbanization. As Asia goes through rapid urbanization, countries like India will require an estimated financing of US\$70 billion in the next 5 years, US\$450 billion or more over the next 20 years. What potential opportunities the private sector offer in building next generation sustainable transport infrastructures to meet the growing transport demand? The frequency and magnitude of natural disasters (flood, earthquake, cyclones, landslides, etc.) are on the rise across Asia, yet the majority of developing countries and cities, have not made 	<p><u>Session Chair:</u></p> <p>Mr. Mukund Kumar Sinha, Joint Secretary, Ministry of Urban Development, India</p> <p><u>Facilitator:</u></p> <p>Mr. Lewis M. Fulton, Co-Director, NextSTEPS Programme, University of California, Davis, USA</p> <p><u>Rapporteur:</u></p> <p>Mr. Robert Earley, CAA</p>



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	<p>“resilience” a major part of their transport policy, planning, and financing for infrastructure and services development. What are the possible new and innovative options, including partnership options, for local and national government authorities to consider for leveraging such financing needs?</p> <p>4. Is the national financing on dedicated walking and bicycle infrastructures a sunk cost or a visionary investment with long term benefits towards a smarter and resource efficient community?</p> <p>5. To what extent Asian countries evaluate the performance of major transport projects/investments, prior to investing and after implementation? Do we have examples where they have provided critical lessons on long term gains or losses in terms of quality of life, resiliency, and national productivity?</p> <p>Open Discussion:</p>	
17:00-17:15	Short Break	
17:15-18:30	<p style="text-align: center;">COUNTRY ROUNDTABLE DIALOGUE ON EST</p> <p style="text-align: center;">Next Generation Sustainable Transport Solutions in post-2015 Development Era</p>	
<p><i>[Venue: Committee Room A]</i></p>	<p>Presentation of Background Paper:</p> <p>1) <i>The Role of National Policies in Financing and Scaling Urban Transport</i> -by Mr. Colin Hughes, Director of National Policy and Project Evaluation, Institute for Transportation and Development Policy (ITDP) (15 min.)</p> <p>2) <i>Next Generation Sustainable Transport Solutions in post-2015 Development Era</i> -by Mr. Madhav Pai & Mr. Amit Bhatt, EMBARQ-India (10 min.)</p> <p>Discussion Points:</p> <ol style="list-style-type: none"> With a post-2015 development agenda/SDGs aiming to replace the MDGs, what should be the defining features of the next generation transport solutions? What critical lessons have we learnt from past and current transport policies and programmes? and from past achievements or mistakes in transport sector? What should be the key features of the macro-economic policies for better implementation of sustainable transport (to ensure social equity, economic prosperity, and environmental 	<p><u>Chair:</u></p> <p>Hon. Mr. Susil Premajayantha, Minister of Environment and Renewable Energy, Sri Lanka</p> <p><u>Facilitator:</u></p> <p>Mr. Nikhil Seth, Director, Division for Sustainable Development, UN DESA</p>



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	<p>conservation) in post-2015 era?</p> <p>3. What should be the defining features of – (a) multi-stakeholder partnerships; (b) international cooperation (North-South, South-South, triangular); (c) ODA and (d) governance and institutional arrangements in realizing next generation transport system in post-2015 development era?</p> <p>4. Making cities smart, resource efficient, resilient and livable will be one of the defining characteristics of urban communities in post-2015 development era. At the same time, it is important to provide access to clean, safe, affordable and sustainable transport options for the benefit of all, including vulnerable sections of the society – women, children, physically challenged and old persons. How should Asian countries and cities evaluate their current transport policies, programmes, transport projects and chalk out advanced transport solutions in post-2015 development era?</p> <p>5. What is required to create cities where affluent residents who can afford to own a car will choose to travel by walking, cycling and public transit for a portion of their trips? What should neighborhood design will encourage affluent residents to walk and bike for local trips? What type of public transit can attract affluent commuters? What Asian cities are good examples?</p> <p>6. How should cities and countries measure sustainable transportation system performance? What data are needed for this? How well are Asian cities doing to collect this performance evaluation data?</p> <p><u>Country Response:</u></p> <p><i>Afghanistan, Bangladesh, Bhutan, Brunei Darussalam, Cambodia, People's Republic of China, Indonesia, India, Japan, Republic of Korea, Lao PDR, Malaysia, Maldives, Mongolia, Myanmar, Nepal, the Philippines, Pakistan, Russian Federation, Singapore, Sri Lanka, Thailand, Timor-Leste, Viet Nam</i></p>
19:00-21:00	<p>Asian Mayors and Local Authorities' Signing of the Addendum to Kyoto Declaration on EST followed by-</p> <p>RECEPTION HOSTED BY MINISTRY OF TRANSPORT, SRI LANKA</p> <p>Venue: Hilton Hotel</p>

Rapporteur:
Mr. Thomas Hamlin,
 Technical Adviser, UN
 DESA



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9:00-10:30	<p>EST PLENARY SESSION 8</p> <p>Intelligent Freight System (IFS) for Improved Productivity and Energy Security in Asia</p>	
<p>[Venue: Main Conference Hall]</p>	<p>Presentation of Background Paper:</p> <p>1) <i>Intelligent Freight System (IFS) for Improved Productivity and Energy Security in Asia</i> -by Prof. Werner Rothengatter, Karlsruhe Institute of Technology & Ms. Sophie Punte, Executive Director, Smart Freight Centre (15 min.)</p> <p>2) <i>Intelligent Freight System- Efficient Intermodal Integration as Low Carbon Solution in Japan</i> -by Mr. Masaru Kumai, Deputy Manager, Environmental Transport Promotion Division, Foundation for Promoting Personal Mobility and Ecological Transportation (Eco-Mo Foundation), Japan (10 min.)</p> <p>3) Road-Map Towards Green Freight in Asia</p> <ul style="list-style-type: none"> ▪ <i>UNCRD's effort on the promotion of Green Freight under the Regional EST Forum in Asia</i> -by Mr. C. R. C. Mohanty, United Nations Centre for Regional Development (UNCRD) (5 min.) ▪ <i>ADB's Initiative on Green Freight and Logistic in Asia</i> -by Ms. Naeeda Krishna, Climate Change Mitigation Specialist, GMS Environment Operations Center, Asian Development Bank (ADB) (5 min.) ▪ <i>Towards National Action Plans – GIZ's Technical Cooperation on Green Freight and Logistics in Asia</i> -by Mr. Roland Haas, Programme Director, ASEAN-German Technical Cooperation (5 min.) ▪ <i>Clean Air Asia's role for the Green Freight Initiative in Asia</i> -by Mr. Robert Earley, Transport Program Manager, Clean Air Asia (CAA) (5 min.) ▪ <i>UN ESCAP's work and plans for promoting Green Freight and Logistics Systems in Asia</i> -by Mr. Madan Regmi, Transport Division, United Nations Economic and Social Commission for Asia and the Pacific (UN ESCAP) (5 min.) <p>Panel Discussion:</p> <ol style="list-style-type: none"> 1. Ms. Sophie Punte, Executive Director, Smart Freight Centre 2. Mr. Giok Seng Lee, Secretary General, Asia Pacific Natural Gas Vehicles Association (ANGVA), Kuala Lumpur 	<p><u>Session Chair:</u></p> <p>Hon. Mr. Kumara Welgama, Minister of Transport, Sri Lanka</p> <p><u>Facilitator:</u></p> <p>Mr. Peter O'Neill, Chief, Transport Policy and Development Section, UN ESCAP</p> <p><u>Rapporteur:</u></p> <p>Mr. Karl Adam Peet, SLoCaT</p>



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	<p><u>Discussion Points:</u></p> <ol style="list-style-type: none"> 1. Is freight and logistics a grossly neglected area in the transport sector of Asia? How does intelligent freight system (IFS) matter to Asian countries in terms of productivity, energy security, and safety? 2. What should be defining policy and institutional reform in transport sector to create enabling conditions for promotion of IFS in Asia? 3. Asia's freight sector is also becoming a fast growing source of pollution and GHG emissions. What role IFS could play in supporting the international commitment of limiting the average global temperature rise to maximum 2°C to avoid the drastic impact of climate change? 4. What should be the defining characteristics of - (a) international cooperation and (b) multi-stakeholders partnerships to decarbonize the freight and logistics sector of Asia? 5. Last three Regional EST Forums discussed the important of greening the freight and logistics sector and further recognized the need for moving towards a "Regional Agreement on Green Freight in Asia". How can we accelerate such efforts through the Regional Commission (UN ESCAP / Forum of Asian Ministers of Transport)? 6. Since congestion imposes major costs on shippers, will they support congestion pricing as a solution? Why or why not? <p>Open Discussion:</p> <p style="text-align: center;"><i>[Launch of Report on "State of Play: Green Freight in Asia"]</i></p>
10:30-11:00	Coffee/Tea Break
11:00-12:30	<p>EST PLENARY SESSION 9</p> <p>Expanding Railways – A Vital Means to Meet the Growing Transport Demand in Asia <i>(efficient, smart, cost effective, high capacity, usual friendly rail infrastructure)</i></p>
<p><i>[Venue: Main Conference Hall]</i></p>	<p>Presentation of Background Paper:</p> <ol style="list-style-type: none"> 1) <i>Expanding Railways – A Vital Means to Meet the Growing Transport Demand in Asia</i> -by Mr. Milko P. Papazoff, ASEAN Representative, International Union of Railways (UIC) (15 min.) 2) <i>Our progress and achievements towards decarbonizing Japanese Railway System</i>–by Ms. Hisako Nishio, Deputy Director, Singapore Office, East Japan Railway Company (10 min.)
	<p>Session Chair:</p> <p>Mr. M. A. N. Siddique, Secretary, Road Transport and Highways Division, Ministry of Road Transport and Bridges, Bangladesh</p>



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	<p>3) <i>Indian Railways and its Critical Role in Regional Connectivity and Regional Development</i> -by Mr. Mukund Kumar Sinha, Joint Secretary, Ministry of Urban Development, India (10 min.)</p> <p>Panel Discussion:</p> <ol style="list-style-type: none"> Mr. Mukund Kumar Sinha, Joint Secretary, Ministry of Urban Development, India Mr. Evgeny Vakulenko, First Secretary, Department of International Organizations, Ministry of Foreign Affairs, Russian Federation Mr. Ruzain Idris, Under Secretary, Ministry of Transport, Malaysia Ms. Hisako Nishio, Deputy Director, Singapore Office, East Japan Railway Company Prof. Mohamed Rehan Bin Karim, University of Malaysia Mr. Ralph Wahnschafft, Independent Senior Advisor on Sustainable Development Policies, Berlin, Germany <p>Discussion Points:</p> <ol style="list-style-type: none"> Given the large increase in transport demand in developing and emerging economies, it is crucial to achieve significant modal shift from high carbon modes (e.g., road, aviation) to low carbon and high energy efficient modes (rail and public transport). In action terms, what it means to – (a) governments, (b) private sector (railways companies), and (c) international institutions? Which Asian cities are good examples of providing affordable and high quality rail passenger services? Which cities provide good examples of integrating rail and land use planning to create transit-oriented development? What can other cities learn from these examples? Under the Transport Action Area presented at the UN Climate Summit 2014, International Union of Railways (UIC) – with its 240 members worldwide including in Europe, China, Russia, India and the United States – launched the Low-Carbon Sustainable Rail Transport Challenge to promote the use of rails for freight and transport to achieve 50% reduction in energy consumption and 50% reduction in CO2 emission by 2030 together with 50% increase in passenger and land freight rail share over the same period. How can EST member countries support these international commitments through enabling actions and green investments? What critical lessons we can draw from Indian Railways on the potential role of railways on ensuring wider regional connectivity for poverty eradication, national productivity, human development, and sustainable development? Rail technologies (in terms of engine, energy efficiency, speed, safety,
	<p><u>Facilitator:</u></p> <p>Mr. Milko P. Papazoff, ASEAN Representative, International Union of Railways (UIC)</p> <p><u>Rapporteur:</u></p> <p>Mr. Surya Raj Acharya, Tribhuvan University, Nepal</p>



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	<p>anti-collision system, etc.) are constantly on evolution. What role could such railway technologies play in improving the passenger as well as freight transport system in Asia? What lessons can we learn from Japanese railway system in this regard?</p> <p>6. What are the examples of major rail corridor developments (passenger and freight) in Asia? What critical lessons do they offer? What were the biggest motivation behind such developments? What impact will they have in post-2015 development era if such efforts are sustained?</p> <p>Open Discussion:</p>	
12:30-13:30	Networking Lunch	
13:30-14:30	Reporting Back-the Country Breakout Sessions on EST and BAQ 2014 Sessions	
<i>[Venue: Main Conference Hall]</i>	<p>Reporting by:</p> <ul style="list-style-type: none"> ▪ Reporting Breakout Group-1 (7 min.) ▪ Reporting Breakout Group-2 (7 min.) ▪ Reporting Breakout Group-3 (7 min.) ▪ Reporting Breakout Group-4 (7 min.) <p>▪ Reporting BAQ 2014 (15 min.)</p> <p>Open Discussion:</p>	<p><u>Chair:</u></p> <p>Ms. Momena Khatun, Deputy Secretary, Ministry of Environment and Forests, Bangladesh</p> <p><u>Rapporteur:</u></p> <p>Prof. Marie Thynell, University of Gothenburg, Sweden</p>
14:30-15:30	<p style="text-align: center;">ADOPTION OF COLOMBO DECLARATION ON EST- For the Promotion of Next Generation Low Carbon Transport Solutions in Asia & CHAIR'S SUMMARY OF THE INTEGRATED CONFERENCE</p> <p>Co-Chairs:</p> <p>Hon. Mr. Susil Premajayantha, Minister of Environment and Renewable Energy and Hon. Mr. Kumara Welgama, Minister of Transport, Sri Lanka</p>	<p><u>Facilitator:</u></p> <p>Mr. C.R.C. Mohanty, UNCRD & Mr. Cornie Huizenga, Secretary General, SLoCaT</p>



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15:30-16:00	Closing Ceremony		
<i>[Venue: Main Conference Hall, BMICH]</i>	<p>Closing Remarks:</p> <ul style="list-style-type: none"> ▪ Mr. Bjarne Pedersen, Executive Director, Clean Air Asia (5 min.) ▪ Ms. Chikako Takase, Director, UNCRD (5 min.) ▪ Mr. Teruyoshi Hayamizu, Councillor of Minister's Secretariat, Ministry of the Environment (MOE), Japan (5 min.) ▪ Mr. J. M. Thilakarathna Banda, Additional Secretary, Ministry of Transport (MOT), Sri Lanka (5 min.) ▪ Mr. B. M. U. D. Basnayake, Secretary, Ministry of Environment and Renewable Energy, Sri Lanka (5 min.) 		
16:00-16:30	Press Conference		
16:30-18:30	<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Courtesy call and Visit of Asian Mayors to Colombo City Hall (by invitation only) <i>Venue: Council Chamber, Colombo Town Hall</i></td> <td style="width: 40%; text-align: center;">Technical Field Visit</td> </tr> </table>	Courtesy call and Visit of Asian Mayors to Colombo City Hall (by invitation only) <i>Venue: Council Chamber, Colombo Town Hall</i>	Technical Field Visit
Courtesy call and Visit of Asian Mayors to Colombo City Hall (by invitation only) <i>Venue: Council Chamber, Colombo Town Hall</i>	Technical Field Visit		
19:00-21:00	<p style="text-align: center;">FAREWELL RECEPTION HOSTED BY MINISTRY OF ENVIRONMENT & RENEWABLE ENERGY, SRI LANKA</p> <p>Venue: Mount Lavinia Hotel</p>		