

Co-organized by



Government of Nepal

Final Programme



Ministry of the Environment
Japan

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

in conjunction with:

Regional Seminar on Safe, Climate Adaptive and Disaster Resilient Transport for Sustainable Development & Regional Dialogue on Transport and Climate Change organized in the context of the Regional EST Forum in Asia

17-20 November, 2015

Venue: Hyatt Regency, Kathmandu, Nepal

Final Programme

EST for Resiliency – Building Safe, Smart, Low-carbon and Resilient Cities in Asia

Organized by:

**Ministry of Physical Infrastructure and Transport (MOPIT), Nepal
Ministry of the Environment (MOE), Japan
United Nations Economic and Social Commission for Asia and the Pacific (UN ESCAP)
United Nations Centre for Regional Development (UNCRD)**

Chair:

**Hon. Mr. Bijaya Kumar Gachhadar,
Deputy Prime Minister and Minister of Physical Infrastructure and Transport, Nepal**

Partners

Adenauer Foundation, Partnership on Sustainable, Low Carbon Transport (SLoCaT), German International Cooperation (GIZ), International Centre for Integrated Mountain Development (ICIMOD)

Supporting Organizations

World Health Organization (WHO), EMBARQ (The World Resources Institute's Center for Sustainable Transport), International Recovery Platform (IRP), Institute for Transportation and Development Policy (ITDP), SAFER-Vehicle and Traffic Safety Centre, University of Gothenburg and The Youth Community of Nepalese Contractors (YCNC)

Past Regional EST Forums in Asia

1 st Japan (2005)	2 nd Indonesia (2006)	3 rd Singapore (2008)	4 th The Rep. of Korea (2009)
5 th Thailand (2010)	6 th India (2011)	7 th Indonesia (2013)	8 th Sri Lanka (2014)

Intergovernmental Ninth Regional EST Forum in Asia 17-20 November 2015, Kathmandu, Nepal

Final Programme

**Regional Seminar on Safe, Climate Adaptive and Disaster Resilient
Transport for Sustainable Development**
17 November 2015, Kathmandu, Nepal

DAY 1: 17 NOVEMBER 2015	
Time / Room	Provisional Programme
08:00-09:00	Registration
09:00-9:15	Session 1. Opening of the regional seminar
	1. Opening Statement from ESCAP <ul style="list-style-type: none"> ▪ <i>Mr. Peter O'Neill, Chief, Transport Policy and Development Section, ESCAP</i> 2. Opening Statement from UNCRD <ul style="list-style-type: none"> ▪ <i>Ms. Chikako Takase, Director, UNCRD, Japan</i> 3. Opening Statement from host <ul style="list-style-type: none"> ▪ <i>Mr. Gajendra K. Thakur, Secretary, MOPIT, Nepal</i>
09:15-9:35	Session 2. Transport and the post-2015 development agenda
	1) Sustainable and inclusive transport development in post-2015 development agenda: Global and Regional Overview- by Mr. Peter O'Neill , Chief, Transport Policy and Development Section, ESCAP
9:35-10:00	Session 3. Transport safety
	1) Decade of Action for Road Safety: Regional Road Safety Status- by Mr. Madan B. Regmi , Economic Affairs Officer, ESCAP
10:00-10:30	Coffee/Tea Break
10:30-11:30	1) Improving road safety in Asia: GRSP perspectives- by Ms. Cessie Petchi , Regional Advisor, Global Road Safety Partnership 2) Railway safety-by Mr. Vinod Bhatia , Director, Ministry of Railways, New Delhi, India 3) Rural road safety- Mr. Sanjin Han , Research Fellow, Transport Safety Research Group, Korea Transport Institute, Republic of Korea
11:30-13:00	Session 4. Selected country experience in improving transport safety
	1) The success of “Do not Drink and Drive” campaign in Nepal- by Mr. Jaya Bahadur Chand , Deputy Inspector General, Metropolitan Traffic Police, Kathmandu, Nepal 2) Black spot treatment on National Highways in Bangladesh- by Mr. Md. Kamrul Haque , Superintending Engineer, Road Transport & Highways Division, Bangladesh 3) Data collection, analysis and implementation of evidence based road safety polices in Cambodia- by Mr. Hong Sinara , Deputy Director General, Ministry of Public Works and Transport 4) Initiatives to improve road safety in Thailand-by Ms. Chutinthon Mankhong , Policy and Plan Analyst, Office of Transport and Traffic Policy and Planning, Thailand 5) Implementation of road safety related United Nations Conventions- by Mr. Nguyen Van Thach , Director General, Transport Safety Department, Ministry of Transport, Viet Nam
13:00-14:00	Networking Lunch
14:00-15:30	Session 5. Impacts of climate change on transport and planning for climate adaptive transport infrastructure
	1) Impacts of climate change on transport and planning for climate adaptive transport infrastructure- by Mr. Yusaf Samiullah , Director, Y&D International Consulting Ltd, UK 2) Sustainable transport: Mitigation strategies and adaptation to climate change and extreme weather impacts- by Mr. Abdul Quium , Transport Expert 3) Planning and designing for climate adaptive and disaster resilient transport: Experience from Philippines- by Mr. Ernesto V. Alday, Jr. , Engineer III, Department Public Works and Highways, the Philippines
15:30-16:00	Coffee/Tea Break

DAY 1: 17 NOVEMBER 2015	
Time / Room	Provisional Programme
16:00-17:00	Session 6. Planning and developing disaster resilient transport
	1) Planning and developing disaster resilient transport infrastructure- by <i>Mr. Yusaf Samiullah, Director, Y&D International Consulting Ltd, UK</i> 2) Planning and developing disaster resilient transport infrastructure in China- by <i>Prof. Linsheng Gu, Sichuan University-The Hong Kong Polytechnic University, Institute for Disaster Management and Reconstruction</i>
17:30-21:00	Special ICIMOD Session on Envisioning Sustainable Transport in the Kathmandu Valley by 2030
17:30-17:35	Welcome Remarks on behalf of ICIMOD
17:35-18:35	Panel Presentations and Discussion
18:35-18:50	Concluding Remarks <ul style="list-style-type: none"> ▪ UNESCAP ▪ ICIMOD ▪ UNCRD
19:00- 21:00	Reception and Open Discussion Hosted by ICIMOD <ul style="list-style-type: none"> ▪ Open Discussion Continued Over Reception <p><i>[Venue of the Reception: just adjacent to the Regency Ballroom]</i></p>

Regional Dialogue on Transport and Climate Change

18 November 2015, Kathmandu, Nepal

DAY 2: 18 NOVEMBER 2015	
Time / Room	Provisional Programme
9:00-9:30	<p>Welcome Remarks:</p> <ul style="list-style-type: none"> • Welcome Remarks - Director Regional Project Energy security and Climate change Asia-Pacific (RECAP) Konrad-Adenauer-Stiftung e.V. • Welcome remarks – <i>Mr. Rabindra Nath Shrestha, Joint Secretary, Ministry of Physical Infrastructure and Transport, Nepal</i>
9:30-10:30	<p>Interactive Session:</p> <ul style="list-style-type: none"> • What is at stake for the Transport Sector in Paris – by Mr. Cornie Huizenga, Secretary General, Partnership on Sustainable, Low Carbon Transport • Overview of Transport and Climate Change in the EST Region, including transport related analysis of intended Nationally Determined Contributions- by <i>Mr. Karl Peet, Research Director, SLoCaT Partnership</i> • Policy Analysis, transport and climate change in the ASEAN region- by <i>Mr. Tali Trigg, Team Leader Energy Efficiency and Climate Change Mitigation in the Land Transport sector in the ASEAN Region, ASEAN - German Technical Cooperation</i>
10.30 – 11.00	Coffee/Tea Break
11.30 – 12.30	<p>Facilitated Discussion on Key Messages on Transport and Climate Change:</p> <ul style="list-style-type: none"> • Is Decarbonisation of the Transport sector a realistic long-term option for Asia? • Climate resiliency (adaptation) in the Transport Sector in Asia is an immediate priority • There are economy wide gains for Asia from shifting towards low carbon sustainable transport • Sustainable, Low Carbon Transport improve connectivity and accessibility (social inclusion and equity) • The adoption of low-carbon sustainable transport requires new business models
12.30 – 13.00	Round table discussion on Next steps for the EST Region after COP 21 in advancing low carbon Transport
13:00-14:00	Networking Lunch

Intergovernmental Ninth Regional EST Forum in Asia

(EST for Resiliency – Building Safe, Smart, Low-carbon and Resilient Cities in Asia)

18-20 November 2015
Kathmandu, Nepal

DAY 2: 18 NOVEMBER 2015	
Time / Room	Provisional Programme
07:00-14:00	Registration
14:00-15:00	Official Opening Ceremony of the 9th Regional EST Forum in Asia
<i>[Venue: Regency Ballroom]</i>	
14:00	1. Welcome Remarks: <ul style="list-style-type: none"> ▪ Mr. Gajendra Kumar Thakur, Secretary, Ministry of Physical Infrastructure and Transport, Nepal (5 min.)
14:05	2. Opening Remarks: <ul style="list-style-type: none"> ▪ Ms. Chikako Takase, Director, United Nations Centre for Regional Development (UNCRD) (5 min.)
14:10	<ul style="list-style-type: none"> ▪ Mr. Peter O'Neill, Chief, Transport Policy and Development Section, United Nations Economic and Social Commission for Asia and the Pacific (UN ESCAP) (5 min.)
14:15	<ul style="list-style-type: none"> ▪ Mr. Teruyoshi Hayamizu, Councillor, Minister's Secretariat, Ministry of the Environment (MOE), Japan (5 min.)
14:20	<ul style="list-style-type: none"> ▪ Hon. Mr. Bijaya Kumar Gachhadar, Deputy Prime Minister and Minister of Physical Infrastructure and Transport, Nepal (5 min.)
14:25	3. Guest of Honour: <ul style="list-style-type: none"> ▪ Rt. Hon'ble Mr. K. P. Sharma Oli, Prime Minister of the Federal Democratic Republic of Nepal (10 min.)
14:30	4. Group Photograph
15:00-15:30	Coffee/Tea Break

DAY 2: 18 NOVEMBER 2015

Time / Room	Provisional Programme	
15:30-18:00	EST PLENARY SESSION 1 Safe, Climate Adaptive and Disaster Resilient Transport System for Asia ~ How Can We Build Resilient Societies?	
[Venue: Regency Ballroom]	<p>Presentation of Background Paper:</p> <ol style="list-style-type: none"> 1) <i>Building Resilient Societies: Towards a Safe, Climate Adaptive and Disaster Resilient Transport System for Asia-</i> by Mr. Madan B. Regmi, UN ESCAP (10 min.) 2) <i>Low-Carbon Transport – Health and Climate Benefit-</i> by Prof. Jac Wismans, Chalmers University, Sweden (10 min.) 3) <i>Road Safety Strategy of Nepal for Resilient and Sustainable Development -</i> by Mr. Saroj Pradhan, Joint Secretary, Ministry of Physical Infrastructure and Transport (MOPIT), Nepal (10 min.) 4) <i>Air Quality as Integral Part of Resiliency ~ Building Resilient Hindu Kush Himalayan Community through Sustainable Transport Solution-</i> by Mr. Arnico K. Panday, Senior Atmospheric Scientist, Programme Coordinator, Atmospheric Initiative, International Centre for Integrated Mountain Development (ICIMOD) (10 min.) <p>Panel Discussion:</p> <ol style="list-style-type: none"> 1. Ms. Elly Sinaga, Director General, R&D Agency, Ministry of Transportation, Indonesia 2. Ms. Reggie B. Ramos, Assistant Secretary, Department of Transportation and Communications, Philippines 3. Mr. Stefan Kohler, Head, DRR for Resilience Programme, UNOPS/ International Recovery Platform (IRP) 4. Mr. Cornie Huizenga, Secretary General, Partnership on Sustainable, Low Carbon Transport (SLoCaT) 5. Prof. Yoshitaka Motoda, Iwate Prefectural University, Japan <p>Discussion Points:</p> <ol style="list-style-type: none"> 1. <i>Disaster resiliency is defined as the ability of a system, community or society exposed to hazards to resist, absorb, accommodate to and recover from the effects of a hazard in a timely and efficient manner, including through the preservation and restoration of its essential basic structures and functions (UNISDR, 2009). IPCC 5th Assessment Report (2014) recognize two overarching attributes towards the climate resilient pathways – (a) actions in order to reduce climate change and its impacts, including both mitigation and adaptation, and (b) actions to assure that effective risk management institutions, strategies, and choices can be identified, implemented, and sustained as an integrated part of development processes.</i> <p><i>To what extent resiliency has been an integral part of transport policies, plans, programmes, budget, including transport infrastructure design and development in Asian countries and cities?</i></p> <ol style="list-style-type: none"> 2. <i>Given recent trends in GHG emissions and projections of climate vis-à-vis increasing frequency and magnitude of natural disasters across the world,</i> 	<p><u>Session Chair:</u></p> <p>Hon. Mr. Bijaya Kumar Gachhadar, Deputy Prime Minister and Minister of Physical Infrastructure and Transport, Nepal</p> <p><u>Facilitator / Moderator:</u></p> <p>Mr. C. R. C. Mohanty, Environment Programme Coordinator, UNCRD</p> <p><u>Rapporteur:</u></p> <p>Mr. Simon Ka Wing Ng, Chief Research Office, Civic Exchange</p>

DAY 2: 18 NOVEMBER 2015

Time / Room	Provisional Programme	
	<p><i>what transformative policies, institutions, programmes in transport sector are necessary to put the countries and cities in the path of resiliency?</i></p> <p>3. <i>Rising traffic accidents and air quality deterioration significantly reduce the social, health and economic resilience of people, community, cities and countries. What integrated transport policy options and measures Asian countries and cities should consider in achieving better synergy in their efforts towards climate mitigation and adaptation, disaster risk reduction, road safety and improved air quality?</i></p> <p>4. <i>How adequately are critical transport facilities and infrastructure located in high risk or disaster prone areas to ensure efficient mobilization of humanitarian assistance and services (safe evacuation/relocation/relief supplies, etc.)?</i></p> <p>5. <i>What lessons do the recent disasters (2011 Great East Japan Earthquake and Tsunami, 2011 Great Flooding in Thailand, 2015 Nepal Earthquake, etc.) provides us in terms of resiliency through sustainable transport solutions?</i></p> <p>Open Discussion:</p>	
19:00-21:00	<p style="text-align: center;">WELCOME RECEPTION</p> <p>Hosted By: Ministry of Physical Infrastructure and Transport (MOPIT), Nepal Venue: Hyatt Regency, Kathmandu</p>	

DAY 3: 19 NOVEMBER 2015

Time / Room	Provisional Programme	
8:00 – 10:00	Technical Field Visit <i>Field Location: Kathmandu</i>	
10:30-12:00	EST PLENARY SESSION 2- Dedicated Nepal Plenary Session Nepal EST Strategy (2015~2040) for Resilient & Sustainable Development ~ How Can Nepal Finance and Implement Resilient Transport Development?	
[Venue: Regency Ballroom]	<p>Background Presentation:</p> <ol style="list-style-type: none"> 1) <i>Nepal EST Strategy (2015-2040) for Resilient and Sustainable Development</i>-by Mr. Surya Raj Acharya, President, Institute for Development and Policy Studies, Nepal (10 min.) 2) <i>Climate and Disaster Resilient Transport System and Infrastructure Development for Nepal</i>-by Mr. Kamal Pande, Transport Infrastructure Specialist (10 min.) 3) <i>Transport Safety and Urban Resilience: Lessons from the Hanshin-Awaji Earthquake</i>-by Mr. Shingo Kouchi, the Hyogo Prefectural Government, Japan (10 min.) <p>Panel Discussion:</p> <ol style="list-style-type: none"> 1. Mr. Dato James Chan Khay Syn, Mayor, Kuching City South Council, Malaysia 2. Mr. Jagdish Chandra Pokharel, Former Vice-Chairperson, National Planning Commission, Nepal 3. Mr. Tyrrell Duncan, Technical Advisor for Transport, Asian Development Bank (ADB) 4. Mr. Stefan Kohler, Head, DRR for Resilience Programme, UNOPS/ International Recovery Platform (IRP) 5. Mr. Armin Wagner, Team Leader, Transport Policy Advisory Services, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) 6. Mr. Mikihiro Mori, Nippon Koei Co., Ltd. Japan <p>Discussion Points:</p> <ol style="list-style-type: none"> 1. <i>Does the Nepal EST Strategy (2015~2040) address necessary options and measures towards improvement of country's urban transport sector?</i> 2. <i>Does the Nepal EST Strategy (2015~2040) address necessary options and measures towards improvement of country's rural transport sector?</i> 3. <i>Does the Nepal EST Strategy (2015~2040) adequately address the urban-rural linkage towards pro-poor growth and rural development?</i> 	<p>Session Chair:</p> <p>Hon. Rabindra Prasad Adhikari, Chairman of the Parliamentary Development Committee /Parliament Member, Nepal (tbc)</p> <p>Facilitator / Moderator:</p> <p>Prof. Marie Thynell, Associate Professor in Peace and Development Research, University of Gothenburg</p> <p>Rapporteur:</p> <p>Ms. Bronwen Thornton, Development Director, Walk21</p>

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Time / Room	Provisional Programme	
	<p>4. <i>What necessary policy options and institutional measures in transport sector are critical to put the people and community of Nepal on the path of social, health and economic resiliency?</i></p> <p>5. <i>What could be the various means (including national and international sources and private sources) for financing the implementation of Nepal EST Strategy?</i></p> <p>6. <i>How relevant is the Nepal EST Strategy (2015~2040) in the context of meeting new global Sustainable Development Goals (SDGs) under the 2030 Sustainable Development Agenda?</i></p> <p>Open Discussion:</p> <p><i>[Introduction of World Bank project of 'Handbook/Toolkit for Mainstreaming Geohazard Management Technology in Road Sector - by Mr. Mikihiro Mori, Nippon Koei Co., Ltd. Japan (5 min.)]</i></p>	
12:00 – 13:00	Networking Lunch	
13:00-14:30	<p>EST PLENARY SESSION 3</p> <p>Country Initiatives/Achievements on Bangkok 2020 Declaration</p> <p><i>[Country presentations (using maximum 10 informative 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><i>[Venue: Regency Ballroom]</i></p>	<p>Country Presentation:</p> <ol style="list-style-type: none"> 1. Afghanistan (7.5 min.) 2. Bangladesh (7.5 min.) 3. Bhutan (7.5 min.) 4. Cambodia (7.5 min.) 5. Indonesia (7.5 min.) 6. India (7.5 min.) 7. Japan (7.5 min.) 8. Republic of Korea (7.5 min.) 9. Lao PDR (7.5 min.) 10. Malaysia (7.5 min.) 	<p><u>Session Chair:</u></p> <p>Hon. Dr. Bounchanh Sinthavong, Minister of Public Works and Transport, Lao PDR</p> <p><u>Facilitator / Moderator:</u></p> <p>Mr. C. R. C. Mohanty, Environment Programme Coordinator, UNCRD</p> <p><u>Rapporteur:</u></p> <p>Mr. Simon Ka Wing Ng, Chief Research Office, Civic Exchange</p>

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Time / Room	Provisional Programme	
14:30-16:30	<p>EST PLENARY SESSION 3 (Cont'd)</p> <p>Country Initiatives/Achievements on Bangkok 2020 Declaration</p> <p><i>[Country presentations (using maximum 10 informative 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>	
[Venue: Regency Ballroom]	<p>Country Presentation (Cont'd)</p> <ol style="list-style-type: none"> 1. Maldives (7.5 min.) 2. Myanmar (7.5 min.) 3. Nepal (7.5 min.) 4. Pakistan (7.5 min.) 5. The Philippines (7.5 min.) 6. Sri Lanka (7.5 min.) 7. Thailand (7.5 min.) 8. Timor-Leste (7.5 min.) 9. Viet Nam (7.5 min.) <p>Panel Discussion:</p> <ol style="list-style-type: none"> 1. Ms. Reggie B. Ramos, Assistant Secretary, Department of Transportation and Communications, Philippines 2. Mr. Khizer Javaid, Department Director, Ministry of Communications, Pakistan 3. Ms. Chutinthorn Mankhong, Policy and Plan Analyst, Ministry of Transport, Thailand 4. Prof. Sanjivi Sundar, the Energy and Resources Institute (TERI), India 5. Prof. Huapu Lu, Director of Institute of Transportation Engineering, Tsinghua University, China <p>Discussion Points:</p> <ol style="list-style-type: none"> 1. <i>From the country presentations, what do we learn in terms of major policy/intuitional/financial/technological barriers in implementing sustainable transport in Asian countries?</i> 2. <i>Are Asian countries on right track in bringing transformational changes in the way they govern their transport sector? Which are the champion cases of sustainable transport in improving the well-being of both society and economy by improving livelihoods and by reducing pressure on the environment and ecological assets?</i> 3. <i>To what extent are the current trends of transport policy, planning, financing and infrastructure development geared towards resiliency of cities and communities in Asia?</i> <p>Open Discussion:</p>	<p>Session Chair: Hon. Mr. Anuradha Jayarathne, Deputy Minister Ministry of Mahaweli Development and Environment (tbc)</p> <p>Facilitator / Moderator: Mr. Peter O'Neill, Chief, Transport Policy and Development Section, UN ESCAP</p> <p>Rapporteur: Prof. Marie Thynell, Associate Professor in Peace and Development Research, University of Gothenburg</p>
16:30-17:00	Coffee/Tea Break	

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Time / Room	Provisional Programme	
17:00-18:30	EST PLENARY SESSION 4 Major Challenges, Progress & Achievements by Countries on the Implementation of Bangkok 2020 Declaration ~ Moving from Aichi (2005) to Kathmandu (2015)	
[Venue: Regency Ballroom]	<p>Background Presentation: <i>Major Challenges, Progress and Achievements by Asian Countries on the Implementation of EST policies and measures from Aichi (2005) to Kathmandu (2015)-by Mr. Todd Litman, Founder and Executive Director, Victoria Transport Policy Institute (VTPI), Canada (15 min.)</i></p> <p>Panel Discussion: <i>[Progress and review on Bangkok 2020 Declaration implementation]</i></p> <ol style="list-style-type: none"> Mr. Govind Raj Pokharel, Former Vice-Chairperson, National Planning Commission, Nepal Mr. Kinley Dorji, Secretary, Ministry of Information and Communications, Bhutan Mr. Nguyen Van Thach, Director General, Transport Safety Department, Ministry of Transport, Viet Nam (tbc) Mr. Chan Dara, Director General, Ministry of Public Works and Transport, Cambodia (tbc) Prof. Marie Thynell, Associate Professor in Peace and Development Research, University of Gothenburg <p>Discussion Points:</p> <ol style="list-style-type: none"> <i>What are the critical EST developments and trends emerged over the last decade (between Aichi EST Forum in 2005 to Nepal EST Forum in 2015 (in terms of policies, laws and regulations, institutions, governance, technological development and interventions, infrastructures development, mega transport plans, etc.) ?</i> <i>Over the past decade, what have gone right and what have gone wrong in the transport sector of Asia (in terms of policy / institution /governance/inter-agency coordination (both at national and international level), technology choice and adaptation, and infrastructure development wise, etc.)?</i> <i>Learning lessons from those successes and failures over the last decade, what are the critical EST areas that the international donor community, development banks, aid agencies, UN organizations should take into account in their technical cooperation and capacity building activities and programmes for Asian countries over the post-2015 development era?</i> <i>To what extent have the interagency coordination (transport, environment, health, energy, planning, urban development, finance, etc.) been strengthened at local and national level in Asian countries</i> 	<p><u>Session Chair:</u> Hon. Mr. Abdullah Al Islam Jakob, Deputy Minister, Ministry of Environment and Forests, Bangladesh</p> <p><u>Facilitator / Moderator:</u> Mr. Cornie Huizenga, Secretary General, Partnership on Sustainable, Low Carbon Transport (SLoCaT)</p> <p><u>Rapporteur:</u> Mr. Colin Hughes, Director of National Policy & Project Evaluation, ITDP</p>

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	<p><i>addressing the goals and objectives underlined in the Bangkok 2020 Declaration on EST?</i></p> <p>5. <i>To what extent have Asian countries and cities been successful in addressing the mobility needs of disadvantaged or vulnerable local community (old, women, children, physically challenged, etc.) in their transport policy, planning and development?</i></p> <p>6. <i>What are the emerging trends in the promotion of safe and dedicated walking and bicycling infrastructure developments across Asia? Which are the champion cases? What have been the enabling factors for such achievements?</i></p> <p>Open Discussion:</p> <p><i>[Launch of Report on "Transport and Environment in Japan 2015"- by EcoMo Foundation, Japan (5 min)]</i></p>	
<p><u>DRAFT PROPOSAL FOR CONSULTATION – NEW ACTIVITIES</u></p> <p>1. Sub-regional Training Workshops for South Asia and South-East Asia on Building Resilient and Smart Cities in Asia</p> <p>2. Feasibility Study for a Light Rail Transit System for Bhutan</p>		
19:00-21:00	<p>RECEPTION</p> <p>Hosted By: Partnership on Sustainable, Low Carbon Transport (SLoCaT) Venue: Hyatt Regency, Kathmandu</p>	

DAY 4: 20 NOVEMBER 2015

Time / Room	Provisional Programme	
9:00-10:30	<p>EST PLENARY SESSION 5</p> <p>Funding Resilient Transport Infrastructure and Services</p> <p><i>[This session will aim to address range of partnerships, including public-private partnerships (PPP) and various investment options for building resilient transport system and infrastructure in developing countries. This section also aims to constructively engage the private sector, development banks, bi-lateral and multilateral donor agencies to discuss their potential role in this regard. Further this session will aim to create a region-wide awareness and consensus among countries on the need for active engagement of private sector in creating new area of sustainable business opportunities on resiliency in the face of climate change and growing frequency and magnitude of natural disasters].</i></p>	
[Venue: Regency Ballroom]	<p>Background Presentation:</p> <p>1) <i>Bridging Sustainable Transport Infrastructure Gap in Asia- Innovative Funding and Financing Mechanism-</i> by Mr. Colin Hughes, Director of National Policy & Project Evaluation, ITDP (10 min.)</p> <p>Panel Discussion:</p> <ol style="list-style-type: none"> Mr. Muhammad Athar, Director General, Karachi Metropolitan Corporation, Pakistan Mr. Tyrrell Duncan, Technical Advisor for Transport, Asian Development Bank (ADB) Mr. Giok Seng Lee, Secretary General, Asia Pacific Natural Gas Vehicles Association (ANGVA), Kuala Lumpur Mr. Colin Hughes, Director of National Policy & Project Evaluation, ITDP <p>Discussion Points:</p> <ol style="list-style-type: none"> <i>While the frequency and magnitude of natural disasters (flood, earthquake, cyclones, landslides, etc.) are on the rise across Asia. To what extent have the developing countries and cities of Asia made “resiliency” an important strategy and component of their national budgeting or financing for transport infrastructure and services development?</i> <i>Many developing economies of the region have considerable infrastructure deficit at the current level of urbanization. What are the scopes of financing (both at national and international level) options for developing countries of Asia to leverage their limited budget towards building resilient transport infrastructure and services?</i> <i>A resilient city makes itself an attractive destination for investment and business development. To what extent does the local and city governments of the region direct financing towards resilient transport infrastructure and services?</i> 	<p><u>Session Chair:</u></p> <p>Mr. Kinley Dorji, Secretary, Ministry of Information and Communications, Bhutan</p> <p><u>Facilitator / Moderator:</u></p> <p>Mr. Stefan Kohler, Head, DRR for Resilience Programme, UNOPS/ International Recovery Platform (IRP)</p> <p><u>Rapporteur:</u></p> <p>Mr. Surya Raj Acharya, President, Institute for Development and Policy Studies, Nepal</p>

DAY 4: 20 NOVEMBER 2015

Time / Room	Provisional Programme	
	<p>4. <i>To what extent do Asian countries evaluate the performance of major transport projects or investments in terms of resiliency?</i></p> <p>5. <i>Private sector are known to be major custodian of both funds and technologies. What potential opportunities do they offer in building next generation transport infrastructures towards the path of resiliency? To this regard, how well established are local and national government policies in promoting PPPs towards development of resilient transport infrastructure and services?</i></p> <p>6. <i>What are the new areas or scopes of sustainable business opportunities on resilient transport system? What are the technology dimensions of sustainable business opportunities in areas of transport sector resiliency? Should Asian countries promote triangular cooperation between government, private, and scientific and research organizations in the areas of transport sector resiliency?</i></p> <p>Open Discussion:</p>	
10:30-12:00	<p>EST PLENARY SESSION 6</p> <p>Sustainable Rural Transport for Resilient Rural Community, Food Security & Poverty Eradication</p>	
[Venue: Regency Ballroom]	<p>Background Presentation:</p> <p>1) <i>Sustainable rural transport for resilient rural community, food security and poverty eradication-</i> by Mr. Karl Peet, Research Director, Partnership on Sustainable, Low Carbon Transport (SLoCaT) (10 min.)</p> <p>2) Mr. Jasper Cook, Project Manager on the South East Asia Community Access Programme (SEACAP) and the Asian Community Access Programme (ASCAP) (8 min.)</p> <p>3) Mr. Manoj Shrestha, Team Leader, Road Maintenance, DFID, Rural Access Programme (RAP), Nepal (8 min.)</p> <p>Panel Discussion:</p> <p>1. Mr. Dinesh Chandra Devkota, Former Vice-Chairperson, National Planning Commission, Nepal</p>	<p><u>Session Chair:</u></p> <p>Ms. Elly Sinaga, Director General, R&D Agency, Ministry of Transportation, Indonesia</p> <p><u>Facilitator / Moderator:</u></p> <p>Mr. Peter O'Neill, Chief, Transport Policy and Development Section, UN ESCAP</p>

DAY 4: 20 NOVEMBER 2015

Time / Room	Provisional Programme	
	<p>2. Mr. Safiqul Islam, Additional Secretary, Ministry of Road Transport and Bridges, Bangladesh</p> <p>3. Mr. Viengsavath Siphandone, Director General, Department of Transport, Ministry of Public Work and Transport, Lao, PDR</p> <p>4. Mr. Abdul Wassay Rahim, Senior Technical Advisor to Minister, Ministry of Urban Development Affairs, Afghanistan</p> <p>Discussion Points:</p> <p>1. <i>Is rural transport a neglected area in the face of growing urbanization throughout the region? What is the critical nexus between sustainable rural transport and resiliency of rural community? How does lack of better transportation infrastructure and services affect the social, health and economic resilience of rural people and community?</i></p> <p>2. <i>To what extent do the national and local governments of Asia consider resiliency aspects in the design and development of rural transport infrastructure and services?</i></p> <p>3. <i>In case of many developing countries of the region, a significant percentage of crop and agricultural produce are lost between farm and consumers (e.g., it is around 40% in India) due to lack of efficient transportation services and supply chain logistics. Should Asian countries consider significant investments in rural transport sector to enhance the resiliency of rural farming community vis-à-vis food security? How would it translate into long term economic benefits and national productivity?</i></p> <p>4. <i>Do most of the rural areas of Asia disproportionately rely on informal transport services? If so, what could be the main reasons behind it – lack of political will? lack of financing? lack of institutional mechanism?</i></p> <p>5. <i>Is efficient rural-urban connectivity a sustainable or viable solution for the rural community towards resiliency, food security and poverty eradication?</i></p> <p>6. <i>Is there a role of ITS (intelligent transport system) in strengthening the rural transport sector towards disaster resiliency?</i></p> <p>Open Discussion:</p>	<p><u>Rapporteur:</u></p> <p>Ms. Bronwen Thornton, Development Director, Walk21</p>
12:00-13:00	Networking Lunch	

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13:00-14:30	EST PLENARY SESSION 7 Climate Adaptation & Resilience in Transport Sector of Asia	
[Venue: Regency Ballroom]	<p>Background Presentation:</p> <ol style="list-style-type: none"> <i>Adaptation in the Transport Sector in Asia - Recommendations for COP21</i>– by Mr. Cornie Huizenga, Secretary General, Partnership on Sustainable, Low Carbon Transport (SLoCaT) (10 min.) <i>Indian Railways for Wider Regional Connectivity Towards Building a Resilient Society</i>- by Mr. Vinod Bhatia, Director, Ministry of Railways, India (10 min.) <i>Resilient and Low-Carbon Sustainable Transport Solutions ~ Role of Railways in Post-2015 Development Era</i>-by Mr. Jean-Pierre Loubinoux, Director General of the International Union of Railways (10 min.) <i>Role of Climate Resilient Transport Infrastructure and Climate Adaptation in Nepal in the context of post-2015 development agenda</i>- by Mr. Govinda Prasad Kharel, Under Secretary, Ministry of the Physical Infrastructure and Transport, Nepal <p>Panel Discussion:</p> <ol style="list-style-type: none"> Mr. Abdul Wassay Rahim, Senior Technical Advisor to Minister, Ministry of Urban Development Affairs, Afghanistan Mr. Harsha Kumara Wickramasinghe, Deputy Director General, Ministry of Power and Energy, Sri Lanka Mr. Aung Ye Tun, Assistant Secretary, Ministry of Transport, Myanmar Mr. Vinod Bhatia, Director, Ministry of Railways, India Prof. Alexiz Kai Hon Lau, Professor/Dean, Hong Kong University of Science and Technology, P.R. China <p>Discussion Points:</p> <ol style="list-style-type: none"> <i>What do the developing countries of Asia lack in terms of policy and institutions for better integration of climate adaptation into transport policy and planning and infrastructure development?</i> <i>Which are the champion cases in Asia to have adopted national climate change adaptation policies and/or action plans that have strong relevance to transport sector?</i> <i>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). What critical role could railways play towards both climate adaptation and resilience in transport sector of Asia?</i> 	<p><u>Session Chair:</u></p> <p>Hon. Mr. Ali Amir, Deputy Minister, Ministry of Environment and Energy, Maldives</p> <p><u>Facilitator / Moderator:</u></p> <p>Mr. Tali Trigg, Team Leader, Energy Efficiency and Climate Change Mitigation in the Land Transport sector in the ASEAN Region</p> <p><u>Rapporteur:</u></p> <p>Mr. Colin Hughes, Director of National Policy & Project Evaluation, ITDP</p>

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	<p>4. <i>In critical action terms towards climate adaptation and resiliency in transport sector, what could they mean to – (a) governments, (b) private and business sector (transport and railways companies), (c) scientific and research organizations and (c) international institutions, including bilateral and multilateral donor communities?</i></p> <p>5. <i>What are the various sources of funding, including international financing mechanisms, available for climate adaptation in the transport sector?</i></p> <p>6. <i>How could Asian countries contribute towards – (a) increasing the coverage of transport in programs and projects on climate change adaptation and (b) increasing coverage of adaptation activities in the transport sector under their own financing as well as various climate change financing facilities?</i></p> <p>Open Discussion:</p>
17:00-18:00	ADOPTION OF CHAIR'S SUMMARY
[Venue: Regency Ballroom]	<p style="text-align: center;"><u>Chair:</u></p> <p style="text-align: center;">Hon. Mr. Bijaya Kumar Gachhadar, Deputy Prime Minister and Minister of Physical Infrastructure and Transport, Nepal</p> <p style="text-align: right;">Facilitator / Moderator: Mr. C.R.C. Mohanty, UNCRD & Mr. Cornie Huizenga, Secretary General, SLoCaT</p>
18:00-18:30	Official Closing Ceremony of the 9th Regional EST Forum in Asia
[Venue: Regency Ballroom]	<p>Closing Remarks:</p> <ul style="list-style-type: none"> ▪ Official Announcement by the Government of Lao PDR on Hosting the Tenth Regional Environmental Sustainable Transport (EST) Forum in Asia (5 min.) ▪ Ms. Chikako Takase, Director, United Nations Centre for Regional Development (UNCRD) (5 min.) ▪ Mr. Peter O'Neill, Chief, Transport Policy and Development Section, United Nations Economic and Social Commission for Asia and the Pacific (UN ESCAP) (5 min.) ▪ Mr. Teruyoshi Hayamizu, Councillor, Minister's Secretariat, Ministry of the Environment (MOE), Japan (5 min.) ▪ Hon. Mr. Bijaya Kumar Gachhadar, Deputy Prime Minister and Minister of Physical Infrastructure and Transport, Nepal
18:30-19:00	Press Conference