





SEVENTH REGIONAL EST FORUM IN ASIA & GLOBAL CONSULTATION ON SUSTAINABLE TRANSPORT IN THE POST- 2015 DEVELOPMENT AGENDA

BICC-Westin Hotel, Nusa Dua, Bali, Indonesia, 23-25 April 2013

Integrated Conference on Next Generation Transport Systems We Want for 21st Century~ Looking Beyond Rio+20

Other Associated Events

- 1. April 21: Fun Bike Event [Organized by: Ministry of Transportation (MoT), Government of Indonesia]
- 2. April 22: Pre-Event- Indonesian EST Forum [Organized by: Ministry of Transportation (MoT), Government of Indonesia]
- 3. April 21-23: Side Event –Enhancing Urban Walkability, Matahari, Kuta and Nusa Dua-Bali [Organized by: Clean Air Asia, INFORTRAN, KPBB, Koalisi Pejalan Kaki, Koalisi Warga TDM, Walhi Yogyakarta]
- 4. April 23-24: Side Event Workshop on Aviation and Climate Change [Co-organized by: Ministry of Environment (MoE), Ministry of Transportation (MoT), Government of Indonesia and Swedish Aviation]
- 5. April 26: Post-Event Training on Sustainable Transport and Climate Change [Co-organized by: German International Cooperation (GIZ), Transport Research Laboratory (TRL), Bridging the gap, Ministry of Transportation (MoT), Government of Indonesia & United Nations Centre for Regional Development (UNCRD)]

Supporting Organizations and Partners

United Nations Department of Economic and Social Affairs (UN DESA); World Health Organization (WHO); Asian Development Bank (ADB); Clean Air Asia(CAA); Dutch Cycling Embassy; EMBARQ (The World Resources Institute's Center for Sustainable Transport); German International Cooperation (GIZ); Institute for Transportation and Development Policy (ITDP); The Korean Transport Institute (KOTI); Nagoya Institute of Technology (NIT); Nagoya University; Partnership on Sustainable, Low Carbon Transport (SLoCaT); South Asia Co-operative Environment Programme (SACEP); The Energy and Resources Institute (TERI); Transport Research Laboratory (TRL); International Union of Railways (UIC); International Association of Public Transport (UITP); United Nations Economic and Social Commission for Asia and the Pacific (UN ESCAP); United Nations Human Settlement Programme (UN HABITAT); The World Bank (WB).

PRE-EVENT – INDONESIAN EST FORUM

22 April, 2013, Westin Hotel, Nusa Dua Bali, Indonesia National Sustainable Transport Day

Organized by:

Ministry of Transportation, Government of Indonesia Registration : - 07:30-8:30

08:30-10:00	Opening Ceremony Traditional Dancing 1. Opening Remarks: - Mr. Wendy Aritenang Yazid, Director General of Research and Development, MoT Indonesia 2. Welcome Remark: - Hon. Mr. A. A. Gde Agung, Regent of Badung-Bali 3. Keynote Speech: - H.E. Mr. Bambang Susantano, Vice Minister of Transportation, Indonesia	
10:00-10:30	Group Photo Session	
	Press Conference and Coffee Break	
10:30-12:00	 Plenary Session 1: EST Strategy Presentation of Background Paper: National EST Strategy for Indonesia – by Mr. Harry Boediarto, Ministry of Transportation, Indonesia and Prof. Ofyar Tamin, Institut Teknologi Bandung (ITB) Panel discussion: Prof. Yoshitsugu Hayashi, Nagoya University Mr. Thomas Hamlin, Technical Adviser, The United Nations Department of Economic and Social Affairs (UN DESA) Mr. Cornie Huizenga, Partnership on Sustainable, Low Carbon Transport (SLoCaT) Mr. Michael Replogle, Institute for Transportation and Development Policy (ITDP) Open discussion: 	Session Chair: Mr. Wendy Aritenang, Director General of Research and Development, Ministry of Transportation, Indonesia Rapporteur: 1. Fita (PIC) 2. Arif 3. Minda 4. Irene
12:00-13:00	Networking Lunch	

13:00-14:30	Plenary Session 2: Multi modal Sustainable Development (addressing: rural-city, city-city, country-country and region-region connectivity, development of transport corridors, etc.) Panel discussion: 1. Prof. Tavasszy, Delft University 2. Mr. Manfred Breithaup, German International Cooperation (GIZ) 3. Ms. Sophie Punte, Clean Air Asia (CAA) 4. Ms. Heather Allen, Transport Research Board (TRL) Open discussion:	Session Chair: Ms. Elly Sinaga, Secretary of R & D Agency, Ministry of Transportation, Indonesia Rapporteur: 1. Hapsari (PIC) 2. Wahyu 3. Fitri 4. Dedes
14:30-16:00	Plenary Session 3: Indonesia NAMA's Presentation of Background Paper: Indonesia NAMAs- by Ms. Emma Rachmawati, Assistant Deputy Minister for Mitigation and Atmospheric Function Preservation, Ministry of Environment, Indonesia Presentation-1: Pilot City of NAMA SUTRI Sustainable Urban Transport Initiative Indonesia by- Mr. Harley A. B. Mangindaan, Vice Mayor of Manado Presentation-2: Indonesia's first Transport NAMA: Sustainable Urban Transport Initiative — by Ms. Andrea Henkel, German International Cooperation (GIZ) Presentation-3: The Study of Long -Term Action Plan for ASEAN Focusing on Low Emissions Transport — by Mr. Hiroyuki Takeshita, Institution for Transport Policy Studies (ITPS) Open discussion:	Session Chair: Mr. Ir. Hary Boediarto, Ministry of Transportation, Indonesia Rapporteur: 1. Fadhillah (PIC) 2. Yok Suprobo 3. Emi 4. Dewi Indira
16:00-18:00	The Signing of Memorandum of Understanding between: 1. Transportation Research and Development Agency and The Research Laboratory 2. Transportation Research and Development Agency and Delft University of Technology	
18:00	Closing Remarks by Secretary General of Ministry of Trans	portation, Indonesia

SEVENTH REGIONAL EST FORUM IN ASIA

23-25 April, 2013,

BICC-Westin Hotel, Nusa Dua, Bali, Indonesia

Organized by:

Ministry of Transportation (MoT), Indonesia Ministry of the Environment (MoE), Japan

&

United Nations Centre for Regional Development (UNCRD)

Forum Chair:

H.E. Mr. E. E. Mangindaan, Minister, Ministry of Transportation (MoT), Indonesia

	SEVENTH REGIONAL EST FORUM IN AS	SIA
	DAY 1: 23 April, 2013, Tuesday	
Time	Programme	
07:00	Registration	
9:00-10:00	Opening Ceremony [Venue: Mangunpuro Room, BICC] 1. Welcome Remark -Mr. Dewa Punia Asa, Director of Transportation, Information and Communications Affairs, Bali Provincial Administration on behalf of Mr. I Made Mangku Pastika, Honorable Governor of Bali 2. Opening Remarks - Ms. Chikako Takase, Director, United Nations Centre for Regional Development (UNCRD) - Mr. Eiji Hiraoka, Councillor, Minister's Secretariat, Ministry of the Environment, Japan - H.E. Prof. Dr. Balthasar Kambuaya, Honorable Minister of Environment, Indonesia - H.E. Mr. E. E. Mangindaan, Honorable Minister of Transportation, Indonesia 3. Special Address by the Secretary-General of the United Nations 4. Keynote Address 1: Vision Three ZEROs: Zero Congestion, Zero Pollution, and Zero Accidents towards Next Generation Transport Systems – by Mr. Michael Replogle, Managing Director for Policy and Founder, Institute	Chair: H.E. Mr. E. E. Mangindaan, Minister, Ministry o Transportation, Indonesia

	SEVENTH REGIONAL EST FORUM IN AS	IA
	DAY 1: 23 April, 2013, Tuesday	
Time	Programme	
10:00-10:30	Group Photo Session and Coffee Break	
10:30-11:30	Plenary Session 1: EST in the Context of Rio+20 Outcomes- "The Future We Want" [Venue: Mangunpuro Room, BICC] Presentation of Background Paper: How EST can contribute to the Rio+20 Outcomes-The Future We Want – by Mr. Cornie Huizenga, Convener of Partnership on Sustainable, Low Carbon Transport (SLoCaT)	Session Chair: H.E. Mr. Dana A. Kartakusuma, Assistant Minister, Ministry of Environment, Indonesia
	 Panel discussion: Mr. M. A. N. Siddique, Secretary, Roads Division, Ministry of Communication, Bangladesh Mr. Wendy Aritenang, Environmental Expert Staff of Transportation, Ministry of Transportation, Indonesia Mr. Thomas Hamlin, Technical Adviser, The United Nations Department of Economic and Social Affairs (UN DESA) Mr. Michael Replogle, Managing Director for Policy and Founder, Institute for Transportation and Development Policy (ITDP) Mr. Tyrrell Duncan, Director, EATC concurrently Practice Leader, Asian Development Bank (ADB) 	Facilitator: Mr. Cornie Huizenga, SLoCaT Rapporteur: Mr. Carlosfelipe Pardo, Despacio
	 Discussion Points: How can Asian countries strengthen their EST policies, programs, and related institutions (both at local and national level) to meet these aspirations underlined in the Rio+20 Outcome - The Future We Want? Why should Vision Three Zeros - Zero Congestion, Zero Pollution, and Zero Accidents, whether short term or long term, ultimately matter to Asian countries? Can we envision a next generation transport system without such a vision for 21st Century? How does such a vision relate to the wider discussions under several thematic areas and cross-sectoral issues underlined in the Future We Want? How effectively do the Goals of the Bangkok 2020 Declaration complement Sustainable Transport in the Future We Want vis-à-vis the next generation transportation systems? Open discussion: 	
11:30-12:30	Plenary Session 2: Regional Connectivity (intra-region/rural-	Session Chair:
	urban linkage) for Sustainable Development (addressing: rural-city, city-city, country-country and region-region connectivity, development of transport corridors, etc.)	Mr. Kinley Dorji, Secretary, Ministry of

	SEVENTH REGIONAL EST FORUM IN AS	SIA
	DAY 1: 23 April, 2013, Tuesday	
Time	[Venue: Mangunpuro Room, BICC] Presentation of Background Paper: Regional Connectivity (intraregion/rural-urban linkage) for Sustainable Development – by Mr. Peter O'Neill and Mr. Madan B. Regmi, United Nations Economic and Social Commission for Asia and the Pacific (UN ESCAP)	Information and communications, Bhutan
	 Panel discussion: Mr. Sanjeev Kumar Lohia, Joint Secretary, Ministry of Urban Development, India Mr. Ildefonso T. Patdu Jr., Assistant Secretary, Department of Transportation and Communications, Philippines Ms. Song Su, China Academy of Transportation Sciences, Ministry of 	Facilitator: Mr. Peter O'Neill, UN ESCAP
	 Transport, China Mr. Tyrrell Duncan, Director, EATC concurrently Practice Leader, Asian Development Bank (ADB) Mr. Milko Papazoff, International Union of Railways (UIC) representative for ASEAN 	Rapporteur: Mr. Madan B. Regmi, UN ESCAP
	Discussion Points: 1. Strengthening rural-urban and inter-city connectivity is key to accommodate the rising transport demand. What is the critical challenge (physical/non-physical) Asian countries face in this regard?	
	2. How effective have been the current transport policies and programs in addressing rural-urban connectivity towards socio-economic upliftment of the rural community and the farmers (health, education, employment, food and livelihood security, rural productivity, etc.)?	
	3. What approach Asian countries could consider strengthening regional (international/sub-regional/inter-sub-regional) connectivity to foster freight vis-à-vis trade links? Is long haul freight transport using railways or rail based intermodal freight transport the most environmentally friendly and cost effective option for Asian countries?	
	4. What benefits Asian countries can reap in terms resiliency (resilient economy & society) through improved regional connectivity?	
	5. What opportunities do development partners offer to the Asian countries to improve in-country as well as international transport networks and connectivity for sustainable development?	
12:20 12:20	Open discussion:	
12:30-13:30	Networking Lunch (Exhibition Hall)	

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	DAY 1: 23 April, 2013, Tuesday	
Time	Programme	-
13:30-14:30	Plenary Session 3: Full integration of Transport Mode/Issues Concerning Multi-modal Integration in Public Transport in Asia (addressing: railways, highways, airport, harbors and possible integration transport modes to increase accessibility and connectivity) [Venue: Mangunpuro Room, BICC]	Session Chair: H.E. Mr. Sommad Pholsena, Minister, Ministry of Public Works and Transport, Lao-PDR
	Presentation of Background Paper: Transit Alliances Towards Fully Integrated Public Transport – by Mr. Manfred Breithaupt, German International Cooperation (GIZ) Presentation 1: Efficient Multi-Modal Integration is Key in Realizing Next Generation Public Transport System - The Case of Hong Kong – by Mr. Simon K. W. Ng, Civic Exchange	Facilitator: Mr. Roland Haas, ASEAN-GIZ
	Presentation 2: Inter-modal Integration in Indonesia – by Mr. Johny Malisan, Research & Development Agency, Ministry of Transportation, Indonesia	Rapporteur : Mr. Stefan Bakker, ASEAN-GIZ
	Presentation 3: Next Generation Transport Solutions in Changing Urban Liveability and Reclaiming Public Space for all Citizens towards an Equitable Society— by Mr. Hans Ulrich Fuhrke, German International Cooperation (GIZ)	
	Panel discussion: 1. Mr. Kiyoshi Odashima, Director for International Cooperation Planning Ministry of Land, Infrastructure, Transport and Tourism, Japan 2. Mr. Rashid Hasan, Advisor, Ministry of Environment & Forests, India 3. Ms. Arifiyanti Samad, Secretary of Directorate General of Civil Aviation, Ministry of Transportation, Indonesia. 4. Ms. Guo Dongmei, Director for Division for General Affairs & APEC/SCO Environmental Cooperation, China-ASEAN Environmental Cooperation Center, Ministry of Environmental Protection, China 5. Mr. Madhav Pai, EMBARQ-India	
	Discussion Points: 1. What are the policy and institutional challenges faced by Asian cities in implementing efficient multi-modal integration in public transport? Is the absence of a unitary transport authority which could address all aspects of the public transport system a main problem in most of the countries in Asia? How can the countries overcome such challenges?	

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	 Why should multi-modal integration matter to Asian countries in realizing next generation transport system? Open discussion: 	
14:30-15:30	Plenary Session 4: Building Resilient Community through EST Measures (policies, programmes, infrastructure) (addressing: Resiliency -social, economical and natural disaster; adequate infrastructure, efficient and reliable public transport facilities, wider-scale adoption of integrated public transport system) [Venue: Mangunpuro Room, BICC]	Session Chair: Mr. M.A.N. Siddique Secretary, Ministry of Communication, Bangladesh
	Presentation of Background Paper: Building Resilient Cities and Community through EST Measures (Policies, Programmes and Infrastructure) – by Prof. Yoshitsugu Hayashi, Nagoya University, Japan	Facilitator: Mr. Holger Dalkmann, EMBARQ
	Presentation 1: Efficient Transportation System and Disaster Resiliency – Lessons Learned from Great East Japan Earthquake & Tsunami – by Prof. Yoshitaka Motoda, Iwate Prefectural University, Japan	Rapporteur :
	Presentation 2: Resilient Transport by Mr. Djoko Sasono, Director of Urban Transport System Development, Ministry of Transportation, Indonesia.	Ms. Heather Allen, TRL
	Panel discussion: 1. Mr. Md. Shahjahan, Director, Ministry of Environment and Forest, Bangladesh 2. Ms. Chutinthorn Praditphet, Policy and Plan Analyst, Ministry of Transport, Thailand 3. Mr. Mohammad Aryan Shams, Plan and Policy Directorate, Ministry of Urban Development Affairs, Afghanistan 4. Prof. Yoshitaka Motoda, Iwate Prefectural University, Japan 5. Mr. Roger Gorham, Africa Transport Policy Program (SSATP), the World Bank (WB)	
	Discussion Points: 1. Why should resiliency, among others, form one of the important considerations for the policy makers in Asia for their transport policy, planning and development? 2. What useful lessons we can draw from the Great East Japan Earthquake in 2011 for the transport system (policy, planning, and infrastructure design and development) of the 21st century cities?	

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	3. Building climate resilient transport infrastructures is expensive and would require considerable amount of political will, planning and institutional coordination in advance. What are the opportunities or international assistance available for the developing countries?	
	Open discussion:	
15:30-16:00	Coffee Break	
16:00-17:00	Plenary Session 5: Green Freight Issues – A Framework for a	Session Chair:
	Regional Agreement on Green Freight in Asia [Venue: Mangunpuro Room, BICC]	Mr. F. Budi Prayitno, Deputy Director for International
	Presentation of Position Paper: Policy and Institutional Framework on Green Freight in Asia- Preparation for a Regional Agreement on Green Freight – by Ms. Sophie Punte, Executive Director, Clean Air Asia (CAA)	Cooperation, Ministry of Transportation, Indonesia
	Presentation 1: Development of Freight Transport in Indonesia, Towards Sustainability – by Ms. Elly Sinaga, Secretary of Research and Development Agency, Ministry of Transportation, Indonesia Presentation 2: Green ports and shipping in Asia – by Mr. Simon K. W.	Facilitator: Mr. Peter O'Neill,
	 Ng, Civic Exchange Panel discussion: Mr. Nandan Singh, Deputy Secretary, Ministry of Road Transport and Highways, India Mr. Adolf R. Tambunan, Director of Sea Traffic and Transport, Ministry of Transportation, Indonesia Ms. Guo Dongmei, Director for Division for General Affairs and APEC/SCO Environmental Cooperation, Ministry of Environmental Protection, China Mr. S. M. D. P. Anura Jayatilake, Director General, South Asia Cooperative Environment Programme (SACEP) Prof. L. A. Tavasszy, Delft University of Technology Prof. Alan McKinnon, Kühne Logistics University Discussion Points: Why is green freight absolutely essential for the Asian countries in the 21st century? How can we collectively and effectively follow up to the recommendations of the Bangkok (2010) and New Delhi EST Forum (2011) on freight transport as well as a regional agreement on green 	Rapporteur: Mr. Parthaa Bosu, Clean Air Asia-India

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	freight in Asia? 3. What essential elements should form the core of the regional agreement on green freight in Asia? What should be the scope & coverage of such a regional agreement? 4. How can we take full benefit of the sub-regional intergovernmental processes led by ASEAN, SAARC, SACEP and others in moving towards a regional agreement? 5. What role international organizations could play in providing required	
	institutional support and framework in moving towards a regional agreement? Open discussion:	
17:00-18:00	Plenary Session 6: Dedicated NMT-road safety-social equity nexus & Promotion of National Bicycle Schemes (addressing: dedicated NMT-road safety-social equity nexus, promotion of national bicycle schemes, dedicated bicycle infrastructure, good walk way facilities and safety for NMT, electric bicycle, bicycle parking policies, bicycle integration in transit system, public bicycle sharing system, etc.) [Venue: Mangunpuro Room, BICC] Presentation of Background Paper: Needs for National Bicycle Schemes in Asia – by Mr. Roelof Wittink, Dutch Cycling Embassy Presentation 1: Greenway Initiatives in Korea - towards Building 21 st Century Cities – by Mr. Youngkook Kim, Korea Transport Institute (KOTI)	Session Chair: Mr. Sanjeev Kumar Lohia, Joint Secretary, Ministry of Urban Development, India Facilitator: Mr. Roelof Wittink, Dutch Cycling Embassy
	 Mr. Sher Alam Mahsud , Secretary, Environment Protection Department, Punjab, Pakistan Mr. Viengsavath Siphandone, Director General, Ministry of Public Works and Transport, Lao PDR Mr. Hong Sinara, Deputy Director General, Ministry of Public Works and Transport, Cambodia Ms. Nguyen Thi Thu Hang, Specialist, Ministry of Transport, Vietnam Ms. Marie Thynell, Assoc. Prof., University of Gothenburg, Sweden Ms. Bronwen Thornton, Development Director, Walk21 Discussion Points: Why should Asian countries consider investments for large scale development of dedicated pedestrian and bicycle facilities, including facilities for intermodal (bicycle & public transport integration) 	Rapporteur: Mr. Carlosfelipe Pardo, Despacio

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	connectivity? 2. With rapidly growing motorization and traffic accidents all across the region, can Asian countries build livable/sustainable cities and human settlements without adequate provision of dedicated pedestrian and bicycle infrastructures? 3. Should walkability form the core basis in urban design and planning? Why have not most Asian cities been successful in integrating NMT in their urban planning and design? Is there a cultural barrier? political barrier? or financial barrier? 4. What are the emerging trends in the promotion of national bicycle schemes and green way developments across Asia and the world? Which are the champion cases? What have been the enabling factors for such achievements? 5. Is it beneficial for Asian countries to consider establishing specialized Departments or Agencies under city and national government authorities to promote NMT integration in urban transport policy, planning, and development? Open discussion:
18:00 -	Welcome Reception Hosted by MoT- Indonesia (Venue: Poolside Westin)

	SEVENTH REGIONAL EST FORUM IN ASIA		
	DAY 2 - 24 April, 2013, Wednesday		
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9:00-9:30	Keynote Address 2: [Venue: Mangunpuro Room, BICC] Building 21 st Century Cities- Toyama's Unique Compact City Management S Compact City by Re-imagining and Restructuring Public Transportation -by Mayor of Toyama City, Japan		
9:30-10:30	Planary Sassian 7: Pailways in EST towards nost Pia+20	Session Chair:	
9.50-10.50	Plenary Session 7: Railways in EST towards post Rio+20	H.E. Mr. Rohana	
	development	Kumara Dissanayake	
	[Venue: Mangunpuro Room, BICC]	Deputy Minister,	
	Presentation of Background Paper: Railways in Environmentally	Ministry of	
	Sustainable Transport (EST) towards post Rio + 20 development – by Mr. Milko Papazoff, International Union of Railways (UIC) representative for ASEAN	Transport, Sri Lanka	
	Presentation 1: Aspiring to be an Earth-friendly Metro – by Mr. Tsutomu Yamamoto, Manager, International Affairs, Tokyo Metro Co. Ltd.	Facilitator: Mr. Milko Papazoff, UIC representative	
	Presentation 2: Vision of Indian Railways Towards Efficient Intra-regional (within India/State-to-state) Connectivity Linking to Country's Economic Growth Strategy – by Mr. Sanjeev Kumar Lohia, Joint Secretary, Ministry of	for ASEAN	
	Urban Development, India	Danagadayy	
	orban Bevelopment, maid	Rapporteur:	
	Presentation 3: The development of Indonesian Railways – by Mr. Hanggoro Budi Wiryawan, Director of Railways Traffic and Transport, Ministry of Transportation, Indonesia.	Mr. Simon K. W. Ng, Civic Exchange	
	Panel discussion:		
	Mr. Sanjeev Kumar Lohia, Joint Secretary, Ministry of Urban Development, India		
	2. Mr. Joudat Ayaz, Joint Secretary, Ministry of Communications, Pakistan		
	3. Mr. Hanggoro Budi Wiryawan, Director of Railways Traffic and		
	Transport, Ministry of Transportation, Indonesia		
	4. Ms. Song Su, China Academy of Transportation Sciences, Ministry of Transport, China		
	Discussion Points:		
	What could railways deliver towards next generation transport system?		
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	2. How could railways contribute towards improved accessibility and better integration of the economy?3. What significant roles could railways play in enhancing rural-urban connectivity and rural productivity towards pro-poor growth?	
	4. How could railways contribute towards sustainability and resiliency of cities?	
	5. What are the various options for the countries to consider adequate railway components in their investments in land infrastructure development? What type of international assistance (capacity building, technology transfer, and financing instruments) available for countries to access for advancing rail based transport system under post Rio+20 developments?	
	6. How could countries strengthen institutional arrangements to advance rail based transport system with the involvement of private sector?	
	Open discussion:	
10:30-11:30	Plenary Session 8: Financing Need for Next Generation Sustainable Transport System for 21st Century [Venue: Mangunpuro Room, BICC]	Session Chair: Mr. Ildefonso T. Patdu Jr., Assistant Secretary, Department of
	Presentation of Background Paper: Financing Need for Next Generation Sustainable Transport System for 21st Century – by Mr. Holger Dalkmann, Director, EMBARQ	Transportation and Communications, Philippines
	Panel discussion: 1. Mr. Wendy Aritenang, Environmental Expert Staff of Transportation, Ministry of Transportation, Indonesia 2. Mr. Sanjeev Kumar Lohia, Joint Secretary, Ministry of Urban Development, India 3. Ms. Tawia Addo-Ashong, World Bank (WB) 4. Mr. Tyrrell Duncan, EATC concurrently Practice Leader, Asian	Facilitator: Mr. Jamie Leather, Asian Development Bank (ADB)
	Development Bank (ADB) 5. Mr. Michael Replogle, Institute for Transportation and Development Policy (ITDP) 6. Mr. Manfred Breithaupt, German International Cooperation (GIZ)	Rapporteur : Mr. Madhav Pai, EMBARQ -India
	Discussion Points: 1. What are the biggest financing barriers countries are facing with regard to investing in sustainable transport? Are these common across Asian countries and how can these be overcome? In what aspects particularly	

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	can international organizations offer support to national governments? 2. Can national transport funding programs and national policy	
	frameworks emphasizing investment in sustainable transport make a difference? These programs exist in some countries and not in others. What lessons can be learned within the region and internationally from countries in other regions that have adopted such programs?	
	3. Effective financing of transport systems that achieve desired sustainability outcomes requires good accountability, governance, and performance measurement. To what extent are countries already evaluating the performance of transport projects/investments, prior to investing (ex-ante) and after implementation (ex-post)? What critical needs do countries have to strengthen performance measurement systems? What are the barriers faced in this process?	
	4. The frequency and magnitude of natural disasters (flood, earthquake, cyclones, landslides, etc.) are on rise across Asia, yet the majority of developing countries and cities, have not made "resilience" a major part of their transport policy, planning, and financing for infrastructure and services development. The transport infrastructure is also vulnerable to effects of climate change. Is it too late or timely for national and international financing institutions to take into account "resiliency" in their major investment decisions in transport sector? What are the options for local and national government authorities to leverage such financing through climate finance?	
	Open discussion:	
11:30-12:30	Plenary Session 9: Institutional Arrangements in Realizing Next Generation Sustainable Transport System [Venue: Mangunpuro Room, BICC] Presentation of Background Paper: Institutional Arrangements in Realizing Next Generation Sustainable Transport System – by Mr. Rob Pearce, Executive Director of UITP Australia-New Zealand office	Session Chair: Ms. Song Su, China Academy of Transportation Sciences, Ministry of Transport, China
	Panel discussion: 1. H.E. Mr. Rohana K. Dissanayake, Deputy Minister, Ministry of Transport, Sri Lanka 2. Mr. Sanjivi Sundar, Distinguished Fellow, The Energy and Resources Institute (TERI)	Facilitator: Mr. Rob Pearce, UITP Australia-New Zealand office
	3. Mr. Zulkifli Bin Abdul Rahman, Deputy Director General, Department of Environment, Ministry of Natural Resources & Environment, Malaysia 4. Mr. Cornie Huizenga, Convener of Partnership on Sustainable, Low	Rapporteur : Mr. Carlosfelipe

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	Carbon Transport (SLoCaT) 5. Ms. Heather Allen, Transport Research Board (TRL)	Pardo, Despacio
	<u>Discussion Points:</u> 1. What are some of the barriers and challenges facing institutions in Asia in terms of achieving modern, efficient and sustainable institutional frameworks to facilitate decision making for EST?	
	2. The integration of transport and land use planning is a critical factor in achieving EST outcomes and sustainable cities, yet it is common to see transport agencies operating separately from land use agencies. What is the best approach to achieve transport and land use planning integration from an institutional perspective across a range of diverse agencies and organizations? Is legislative and regulatory reform critical or are there other ways to achieve organizational integration?	
	3. What is the most effective level to locate primary responsibility for EST outcomes within an institutional framework? Is the metropolitan or city wide level the most appropriate level?	
	4. How can the private sector be more actively involved as a partner with government to achieve EST outcomes?	
	Open discussion:	
12:30-13:30	Networking Lunch (Venue: Exhibition Hall)	
13:30-14:30	Plenary Session 10: Intelligent Transport System: A vision of 21 st Century Cities [Venue: Mangunpuro Room, BICC] Presentation of Background Paper: Intelligent Transport System: A vision for 21 st Century Cities— by Prof. Takayuki Ito, Nagoya Institute of Technology, Japan	Session Chair: H.E. Mr. Adnan Ali, Deputy Minister, Ministry of Transport and Communication, Maldives
	 Presentation 1: Intelligent Transport System – A vision for 21st Century Cities – ITS Experience in Japan-by Mr. Takahiko Uchimura, ITS- Japan Panel discussion: Mr. Teerapong Rodprasert, Deputy Permanent Secretary, Ministry of Transport, Thailand Prof. Suhono Harso Supangkat, Institute Technology of Bandung Mr. Tadashi Matsumoto, Senior Policy Analyst, Organization for 	Facilitator: Prof. Alexis Kai-Hon Lau, Hong Kong University of Science and Technology
	Economic Co-operation and Development (OECD) 4. Mr. Jamie Leather, Asian Development Bank (ADB)	Rapporteur: Mr. Simon K. W. Ng,

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	 5. Mr. Takahiko Uchimura, ITS- Japan Discussion Points: One of the important goals of the public sector is to achieve safe, people and environmental friendly, energy efficient and low carbon 	Civic Exchange/ Mr. Stefan Bakker, ASEAN-GIZ
	transport. What potential benefits ITS can offer to the Asian countries in this regard?	
	2. How far have the Asian countries succeeded in integrating ITS in the overall transport policy, planning, and development? Which are unique examples? What positive impact do they have on their transportation system? What can we learn from these experiences that can guide us towards next generation transport system?	
	3. Achieving seamless integration of multiple transport modes has been a critical challenge for Asian countries and cities. What ITS can offer in this regard?	
	4. What are the major institutional issues that hinder ITS development in Asian countries?	
	5. ITS solutions can significantly improve both the effectiveness of the transport agency as well as the effectiveness of the transportation system towards improved productivity, accident prevention and reduced GHG emissions – a myth or a reality for Asian cities in 21st Century?	
	Open discussion:	
14:30-16:00	Country Breakout Session 1: Presentation on Country Initiatives and Achievements on Bangkok Declaration for	Session Chair for Each Group:
	2020–Sustainable Transport Goals for 2010-2020	
	7 minute for presentation and 3 minute for Q & A for each country Breakout Group 1: Countries: Afghanistan, Bangladesh, Lao PDR,	
	Malaysia, People Republic of China, Philippine [Venue: Hibiscus Room, BICC]	
	Session Chair: Mr. Viengsavath Siphandone, Director General, Ministry of Public Works and Transport, Lao PDR Facilitator: Ms. Sophie Punte, Clean Air Asia (CAA)	
	Rapporteur: Mr. Simon Ka Wing Ng, Civic Exchange	

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	Breakout Group 2: Countries: Bhutan, Brunei Darussalam, Pakistan, Russian Federation, Timor-Leste, Viet Nam [Venue: Orchid Room, BICC]		
	Session Chair: Mr. Joudat Ayaz, Joint Secretary, Ministry of Communications, Pakistan Facilitator: Mr. Choudhury Rudra Charan Mohanty, UNCRD Rapporteur: Mr. Carlosfelipe Pardo, Despacio		
	Breakout Group 3: Countries: Cambodia, India, Myanmar, The Maldives, Republic of Korea [Venue: Bougainville Room, BICC]		
	Session Chair: H.E. Mr. Abdulla Muththalib, Deputy Minister, Ministry of Housing and Infrastructure, Maldives Excilitator: Mr. Saniivi Sundar, The Energy and Resources Institute (TERI)		
	Facilitator: Mr. Sanjivi Sundar, The Energy and Resources Institute (TERI) Rapporteur: Mr. Madhav Pai, EMBARQ/ Mr. Parthaa Bosu, Clean Air Asia- India		
	Breakout Group 4: Countries: Indonesia, Japan, Mongolia, Nepal, Thailand, Sri-Lanka [Venue: Frangipani Room, BICC]		
	Session Chair: H.E. Mr. Rohana Kumara Dissanayake, Deputy Minister, Ministry of Transport, Sri Lanka Facilitator: Mr. Manfred Breithaupt, German International Cooperation		
	(GIZ) Rapporteur: Ms. Heather Allen, Transport Research Laboratory (TRL) Open Discussion:		
16:00-16:30	Coffee Break		
16:30-17:00	Plenary Session 11: Reporting Back Group Dialogues, Discussion and Recommendations [Venue: Mangunpuro Room, BICC]	Session Chair: H.E. Mr. Ahmed Musthafa Mohamed Deputy Minister,	
	(~ 7 min. for each group) ■ Reporting Breakout Group – 1	Ministry of Environment and Energy, Maldives	
	Reporting Breakout Group – 2Reporting Breakout Group – 3	Rapporteur : Mr. Parthaa Bosu,	
	■ Reporting Breakout Group – 4	Clean Air Asia-India	

SEVENTH REGIONAL EST FORUM IN ASIA			
DAY 2 - 24 April, 2013, Wednesday			
Time	Programme		
17:00-18:00	Country Breakout Session 2: ADB/MDB's Round Table on financing sustainable		
	transport in response to post Rio+20 commitments of MDBs		
	Discussion Points:	to be the priority areas for MDDs to a	ancidar in their nest Die 120
	financing on sustainable trans	to be the priority areas for MDBs to coport?	onsider in their post kio+20
	2 Are countries ready to adju-	st their requests for MDB financing in t	the transport sector to focus
		t. If not, what obstacles do countries fa	•
	sustainable transport and how	v can these obstacles be overcome?	
		ole transport, do countries need to invo	=
		For example, in the past much of the Magencies responsible for highways, but it	•
	_	al authorities and ministries/agencies r	_
	modes (railways, water transp		
	4 Milest and analytic and distinction	and an analysis of the state of	:44:
		ons are needed (policy/legislative, inst e full benefit of MDBs financing progra	
	transport financing in order t		ms to reverage their sustamusic
	Round Table -1	Round Table -2	Round Table -3
	[Venue: Hibiscus Room, BICC]	[Venue: Orchid Room, BICC]	[Venue: Bougainville Room, BICC]
	Chair: Mr. M.A.N. Siddique	Chair: Mr. Wendy Aritenang,	Chair: Mr. Alexander Alimov,
	Secretary, Ministry of	Environmental Expert Staff of	Deputy Head, Department of
	Communication, Bangladesh	Transportation, Ministry of	International Organizations,
		Transportation, Indonesia	Ministry of Foreign Affairs,
	Facility of a Manager of Control of Control	Facilitates Adv. T. and I.D. and	the Russian Federation Facilitator: Ms. Tawia Addo-
	Facilitator: Mr. Jamie Leather,	Facilitator: Mr. Tyrrell Duncan,	Ashong, The World Bank
	Asian Development Bank	Asian Development Bank	ASTIONS, THE WORK Dank
	Rapporteur: Ms. Marie Thynell,	Rapporteur: Mr. Rob Pearce	Rapporteur: Mr. Roger
	University of Gothenburg,	UITP /Mr. Holger Dalkmann,	Gorham, The World Bank
	Sweden	EMBARQ	
	Countries:	Countries:	Countries:
	1. Afghanistan	1. Cambodia	1. Bhutan
	2. Bangladesh	2. India	2. Brunei Darussalam
	3. Lao PDR 4. Poople Popublic of China	3. Indonesia	Malaysia Myanmar
	4. People Republic of China5. The Philippine	4. Japan 5. Mongolia	5. Pakistan
	6. Republic of Korea	6. Nepal	6. The Russian Federation
	7. Timor-Leste	7. Sri-Lanka	7. The Maldives
	8. Viet Nam	8. Thailand	

SEVENTH REGIONAL EST FORUM IN ASIA DAY 2 - 24 April, 2013, Wednesday		
Time	Programme	
18:00-18:30	Plenary Session 12: Reporting Back Round Table Dialogues, Open Discussion [Venue: Mangunpuro Room, BICC] (Reporting 10 min. for each group followed by open discussion /interventions)	Session Chair: H.E. Mr. Sam Nuon Khong, Secretary of State/Vice Minister, Ministry of the Environment, Cambodia
	Reporting by: Round Table -1 Round Table -2 Round Table -3 Open discussion/Intervention by Donor/International organizations/UN agency representatives	Rapporteur: Mr. Madhav Pai, EMBARQ-India

GLOBAL CONSULTATION ON SUSTAINABLE TRANSPORT IN THE POST 2015 DEVELOPMENT AGENDA

DAY 3 - 25 April, 2013, Thursday

Organized by:

United Nations Department of Economic and Social Affairs (UN DESA)
Ministry of Transportation (MoT), Indonesia

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United Nations Centre for Regional Development (UNCRD)

Time	Programme		
9:00-9:30	Welcome Remark: [Venue: Mangunpuro Room, BICC]	Mr. Thomas Hamlin, DSD UNDESA	
	Follow-up to Rio+20 thematic consultations and the post-2015 Development Agenda	Mr. Wendy Aritenang, Environmental Adviser and Acting Head of the Research and Development Centre, Ministry of Transportation, Indonesia	
9:30-10:00	Incorporation of sustainable transport in past global sustainable development processes as well as in proposals for post 2015 Development Agenda and the discussion on SDGs.	Mr. Michael Replogle, Institute for Transportation and Development Policy	
	Scenarios on how access to sustainable transport and connectivity could be incorporated in post 2015 development agenda and SDGs	Mr. Cornie Huizenga, Sustainable Low Carbon Transport partnership	
10:00-11:00	What is the relevance and consistency with national policies and plans? Mr. Cosmas Takule, Chief Executive, DAR Rapid Transit Agency, Prime Minister's Office, Tanzania Mr. M.A.N. Siddique, Secretary, Ministry of Communication, Bangladesh Mr. Sanjeev Kumar Lohia, Ministry of Urban Development, India Mr. Wendy Aritenang, Environmental Adviser and Acting Head of the Research and Development Centre, Ministry of Transportation, Indonesia	Facilitator: Ms. Heather Allen, Transport Research Board	
11:00-11:20	Break		

11:20-13:00	Facilitated break-out discussions on possible sustainable transport	Nominated reporters with
	related SDG and other means to highlight sustainable transport in	facilitator backup
	post- 2015 development agenda	
13:00-14:00	Networking Lunch (Venue: Exhibition Hall)	
14:00-15:20	Presentation results breakout groups + overall recommendations	Nominated Reporters from
	followed by panel discussion with 6 senior country representatives	Breakouts
	and/or other senior persons	
15:20-15:30	Wrap up and Summary of the Global Consultation on Sustainable	Mr. Thomas Hamlin UN
15:30-16:00	Transport Coffee Break	DESA
15.50 10.00	Collee Bleak	
	ADODTION OF DALLBEOLADATION	NID
	ADOPTION OF BALI DECLARATION A	
CHA	IR'S SUMMARY OF SEVENTH REGIONAL EST	FORUM IN ASIA
16:00-17:30	Adoption of "Bali Declaration on Vision Three ZEROs For N	avt Canaration
	Adoption of Bull Declaration on Vision Three ZENOS For N	ext Generation
	Transport Systems: Zero Congestion, Zero Pollution, and Z	
	Transport Systems : Zero Congestion, Zero Pollution, and Z Chair's Summary	
	Transport Systems : Zero Congestion, Zero Pollution, and Z	
17:30-18:00	Transport Systems : Zero Congestion, Zero Pollution, and Z Chair's Summary	
17:30-18:00	Transport Systems : Zero Congestion, Zero Pollution, and Z Chair's Summary [Venue: Mangunpuro Room, BICC]	
17:30-18:00	Transport Systems: Zero Congestion, Zero Pollution, and Z Chair's Summary [Venue: Mangunpuro Room, BICC] Closing Ceremony	
17:30-18:00	Transport Systems: Zero Congestion, Zero Pollution, and Z Chair's Summary [Venue: Mangunpuro Room, BICC] Closing Ceremony [Venue: Mangunpuro Room, BICC]	ero Accidents (3Zs)" &
17:30-18:00	Transport Systems: Zero Congestion, Zero Pollution, and Z Chair's Summary [Venue: Mangunpuro Room, BICC] Closing Ceremony [Venue: Mangunpuro Room, BICC] Closing Remarks - H.E. Deputy Minister Mr. Rohana Kumara Dissanayake, Ministry (Announcement of the forthcoming EST Forum: Sri-Lanka will hos	ero Accidents (3Zs)" & of Transport, Sri Lanka
17:30-18:00	Transport Systems: Zero Congestion, Zero Pollution, and Z Chair's Summary [Venue: Mangunpuro Room, BICC] Closing Ceremony [Venue: Mangunpuro Room, BICC] Closing Remarks - H.E. Deputy Minister Mr. Rohana Kumara Dissanayake, Ministry	ero Accidents (3Zs)" & of Transport, Sri Lanka
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18:00 - 18:30 Press Conference

18:30 – Farewell Dinner hosted by Ministry of Transportation (MoT), Government of Indonesia (Venue: Mangunpuro Room)











SIDE-EVENT - 21-23 April, 2013

Launching "Walkability Movement"

Kuta and Nusa Dua – Bali, 21 April 2013

"Enhancing Urban Walkability"

Civil Society Forum on Environmental Sustainable Transport, Nusa Dua - Bali, 22 April 2013 "Global Walkability Campaign – Happening Art"

> Nusa Dua – Bali, 23 April 2013

Preface

Mobility for travel is one of the main demands of urban activities. Transport is a derived demand which is determined by the attractively of the destination. Travel behavior is affected by and affecting urban structure, urban transport infrastructure and socio-economic and demographic condition of the traveler. It is commonly agreed that an increase in travel costs has effects on the location of economic activities, and thus travel pattern in a two-way relationship. An increase in car ownership and car use will encourage suburbanization and the spread of population, creating low density area (Newman and Kenworthy, 1990, Macket, 1993). An increase in public transport use will encourage the growth or the slow-down of city centre's decline and an increase in walking will shift the population and employment¹.

Since every trip begins and ends with a walking trip, nearly all trips will require some walking, either directly to a destination or to another mode of transport. How well the pedestrian environment can service these trips will impact the overall quality and efficiency of the urban transportation network, and in turn, overall mobility and accessibility for residents and visitors.

In many cities, it's not surprisingly that most of the trip purpose to utilize public transport, even though is not in convenience, secure, and scheduled. However, another study show that active commuter has decreased in the last few decades, and shifting to the private car or motor cycle. This occurrence resulted not only in increasing congestion and pollution, but also in decreasing children's physical health. According to Litman (2003), walking, cycling, skating, and manual wheelchairs were classified into definitions of active transport in regards to means of transportation moved by human power. Therefore, the phenomena of declination of people behaviour to walking, biking and take the bus can be seen through the lower occupancy rate of public transport utilization.

Actually, pedestrian and NMT's facilities has playing a significant role as connector of intermode utilization among walking, biking, and public transport. The lack of convenience, safety and security factors of these facilities has identified as main factors that's prevent people to walking or biking to the nearest public transport station.

¹ Danang Parikesit, The Development of Land Use Transport Model Using Constant Travel Time Budget Priciples

Concerning to the needs to solve above problem and in relation to (1) creating livable city, and (2) promoting the utilization of public transport (BRT, MRT, LRT, etc) system in the urban areas, it is importance to promote integrated steps and comprehensive programme to improve walkability index, as important part of environmental sustainable urban transport by taking the momentum of Environmental Sustainable Transport Forum, 22 – 25 April 2013 in Bali.

Objective

- 1. Lessons learn, and share the experience on walkability improvement as part of urban mobility management (integrate to NMT and public transportation), and transport demand management approach.
- 2. Define the strategy on improving walkability as global movement to reduce emission, energy consumption, traffic congestion.
- 3. Campaign initiative toward urban walkability globally.

Enhancing Urban Walkability

- 1. Name of event: "Enhancing Urban Walkability"
- 2. Venue: Matahari, Kuta and Nusa Dua Bali
- 3. Time: 21 23 April 2012 (see details agenda)
- 4. Agenda: Launching "Global Walkability Movement" (21 April 2013)

09:00 - 13:00	To restore the earth "paint the giant globe" – commemorate earth day of 22 April 2013 –
	with message EST for Future (the earth) We Wants

- 13:00 13:10 Opening
- 13:10 13:30 Declaration "Global Walkability Movement"
- 13:30 15:30 Fun walk: A Campaign on Global Walkability Movement, and Demonstrate Side-walk Restoration (start from Matahari, Kuta to Nusa Dua Bali)
- 5. Agenda: Discussion Forum on EST "Enhancing Urban Walkability" (22 April 2013)

18:00 – 19:30 Presentation "The Challenges of Enhancing Urban Walkability" by Mr Ahmad Puput Safrudin - KPBB

Panel Discussion:

- 1. Representative of Yogyakarta City
- 2. Mr Hans Ulrich Fuhrke, GIZ SUTIP
- 3. Ms Browen Thornton, Walk21

Discussion on perspective, visions, goal, and the challenges of urban walkability.

Facilitator: Mr Parthaa Bosu, CAA India.

19:30 – 20:30 Dinners Venue: Westin Hotel, Nusa Dua

6. Agenda: "Global Walkability Campaign" (23 April 2013)

09:30 – 10:30 Happening Art at Gate of Westin Hotel Nusa Dua Press Conference

22 - 25 April 2013 Flyering











POST-EVENT – 26th April, 2013

TRAINING ON SUSTAINABLE TRANSPORT AND CLIMATE CHANGE

April 26th 2013, 9:00 AM - 5:00 PM Melia Hotel, Nusa Dua, Bali, Indonesia Venue- Bale Banjar Room

Time	Provisional Programme	
09.00- 09.30	Registration	
09.30- 10.00	Opening Remarks and Introduction of Participants Mr. Manfred Breithaupt, Transport and Mobility Division, German International Cooperation (GIZ)	
10.00- 10.40	Module1: Sustainable Transport and Climate Change Mr. Stefan Bakker, German International Cooperation (GIZ)	
10.40- 11.00	Coffee Break	
11.00- 11.40	Module 2: Sustainable Transport and Climate Process Ms. Heather Allen, Program Director, Transport Research Laboratory (TRL)	
11.40- 12.20	Module 3: Transitioning towards Low Carbon Transport Mr. Manfred Breithaupt, German International Cooperation (GIZ)	
12.20- 13.00	Discussion and questions	
13.00- 13.45	Networking Lunch	
13.45- 14.20	Module 4: Climate Finance for Low Carbon Transport Ms. Heather Allen, Transport Research Laboratory (TRL)	
14.20- 15.20	Module 5: Measuring the Impact of Low Carbon Transport Interventions on CO2 Emissions, German International Cooperation (GIZ)	
15.20 – 15.45	Coffee Break	
15.45- 16.20	Interactive and group session	
16.20- 16.45	Presentation of interactive session	
16.45- 17.00	Closing Remarks, Presentation of Certificates and Wrap up Mr. Manfred Breithaupt German International Cooperation (GIZ) & Ms. Heather Allen Transport Research Laboratory (TRL)	

Note: Participants are requested to register by sending an e-mail containing name, agency, position, country to vedant.goyal@giz.de before April 22