

KNOWLEDGE PARTNERSHIP WEEK

Partnership Forum: Innovation for Resilient and Smart Communities

Multi-Function Hall 1-3, Annex Building, Headquarters,
Asian Development Bank
19-20 May 2015
6 ADB Avenue Mandaluyong City, 1550 Metro Manila, Philippines
Tel 63-2-632-4444

TUESDAY, 19 MAY 2015

REGISTRATION

8:00 – 9:00 Registration of Participants
Secretariat

SPECIAL SESSION: Partnerships for Solutions – Innovative Ideas, Technical Excellence, & Better Results

ADB must be better. ADB should provide better knowledge services and innovative solutions to its client countries through (i) cross-sector collaboration and (ii) partnership with the external knowledge providers, e.g., the private sector and think tanks. Resilient and Smart Community Development is one of the main thrusts of the internal and external collaboration as a “one ADB” approach. In order to make innovation happen, ADB Board and Management will share views and future directions working with its knowledge partners and call for strategic and concrete collaboration for empowering client countries to make innovation happen.

9:00 – 9:07 **Pursuing Partnerships to Deliver Better Knowledge Solutions**
Ma. Carmela D. Locsin
Director General, Regional and Sustainable Development Department, ADB

9:07 – 9:22 **Smart Community Development through Innovation and Partnership**
Stephen P. Groff
Vice President (Operations 2), ADB

9:22 – 9:30 **Innovation to Strengthen Disaster Resilience**
Preety Bhandari
Advisor, RSDD and Head, Climate Change Coordination and Disaster Risk Management Unit, ADB

9:30 – 9:40 **Welcome Remarks**
Robert Orr
Ambassador and Executive Director (USA), ADB

Kazuhiko Koguchi
Executive Director (Japan), ADB

9:40 – 9:45 **Special Remarks**
Takehiko Nakao
President, ADB

9:45 – 10:10 Coffee Break

Plenary Session: Role of Innovative Technologies and Solutions to Develop Resilient and Smart Communities

Part 1: Integrated City Planning

10:10 – 11:10

Smart city development requires integrated city planning with innovation and technologies. This panel session will discuss how ADB and its knowledge partner can collaborate to provide cross-sector solutions to its client countries.

Moderator

Anand Chiplunkar
Director, Urban Development and Water Division
Central and West Asia Department

Speakers

Part 1: Presentation

City Deputy Mayor's Experience To Apply Innovative Technologies To Make Cities Smart

Yumiko Noda

former Deputy Mayor, Yokohama City, Japan; Head, PPP and Infrastructure Asia Pacific
President of Cities Solution Centre, Japan; Partner, PWC Japan

How Development Partners Can Work with ADB?

Srikantha Herath

Academic Director, Institute for the Advanced Study of Sustainability, United Nations University

How the Private Sector Can Be A Knowledge Partner Of ADB For Infrastructure Development?

Yasuo Tanabe

Vice President & Executive Officer, Hitachi, Ltd.

Part 2: Panel Discussion

Part 2: Urban Transport

11:10 – 11:40

To make cities smarter and more resilient, they must become more energy and resource efficient through promotion of low carbon development and smart use of land and water. They need to invest more in mass public transport systems. Transport systems need to be better integrated. For example, in Vientiane, Laos, as well as in PRC and Mongolia, ADB is supporting mass public transport systems including Bus Rapid Transit (BRT) linked to cycle and pedestrian pathways. In this session, ADB's Technical Advisor will have a hard talk with one of ADB's eminent knowledge partners, the Institute for Transportation and Development Policy, on the lessons learned and way forward for making innovation happen in the transport sector.

Tyrrell Duncan

Technical Advisor (Transport)

Regional and Sustainable Development Department, ADB

Karl Fjellstrom

Regional Director, East & Southeast Asia

Institute for Transportation and Development Policy

Part 3: Smart Grid

11:40 – 12:30

Smart grid would be the centerpiece of a smart city. Smart grid is expected to (i) enhance energy efficiency, (ii) integrate renewable energies based power generation, (iii) enhance sector governance, and (iv) promote community participation. This session will discuss lessons learned and better knowledge collaboration for deployment of smart grid in ADB's client countries.

Moderator

Yongping Zhai
Technical Advisor (Energy)
Regional and Sustainable Development Department, ADB

Speakers

Part 1: Presentation

People's Republic of China Experience

Zhang Xiliang
Professor and Director
Institute of Energy, Environment and Economy, Tsinghua University

India's Experience

Reji Kumar Pillai
President
India Smart Grid Forum

Japan's Experience

Toshihiko Fujii
Deputy Commissioner for International Affairs
Agency for Natural Resources and Energy, Government of Japan

United States of America's Experience

Gerald Hane
Principal, Global Research Alliance
Battelle Memorial Institute (US National Lab Manager)

Part 2: Panel Discussion

12:40 – 13:30	Lunch Break at Executive Dining Room
13:30 – 16:30	Parallel Sessions: Energy, Transport, and Urban/Water (See Annex A)
16:30 – 19:30	Field Visit: Bonifacio Global City

WEDNESDAY, 20 MAY 2015

09:00 – 12:20	Parallel Sessions: Energy, Transport, and Disaster Risk Management (See Annex A)
12:20 – 14:00	Lunch Break at Executive Dining Room
14:00 – 15:40	Parallel Sessions: Open Innovation and Electric Vehicles (See Annex A)
16:00 – 16:40	Wrap Up Session (See Annex A) Representatives of energy, transport, urban, and water Sector Groups and others will summarize the outcome of the discussions and highlight possible next steps.

Parallel Sessions Timetable

Roundtable discussions and presentations start in the afternoon of 19 May 2015.

Based on the result of the Plenary Sessions—where client countries' government agencies, ADB staff and potential knowledge partners share the views across the sector of Energy, Transport, Urban, and Water as well as Disaster Risk Management—the tripartite discussions will be organized by sector groups and others with some presentations.

The expected outcomes are

1. Potential knowledge partners will share with ADB staff concept papers and supplementary information on specific innovative technologies and solutions.
2. ADB staff and developing member country (DMC) officials will explain their specific needs for technologies and solutions and listen to the ideas of technology and solution providers then identify future actions.
3. A list of potential candidates for knowledge partnerships in the areas covered by the Forum will be developed. Knowledge partnerships will be pursued after the forum if found relevant and mutually satisfactory to ADB, ADB members, and technology providers.

May 19			
13:30-15:00	Energy Session 1: Urban Smart Grids	Transport Session 1: Sustainable Urban Transport Marketplace	Water Session 1: Twinning Utilities for Better Service
	Coffee Break		
15:00-16:30	Energy Session 2: Rural Smart Grids	Transport Session 2: Improving Mobility, Improving Resilience	Water Session 2: Water Resources Management: Water, Energy, and Food
	Coffee Break		
16:30-17:30	Energy Session 3: Resilient Energy: Generation- Transmission- Distribution	Field Visit: Bonifacio Global City	
May 20			
9:00-10:40	Energy Session 4: ICT Component for Smartgrid	Transport Session 4: Resilient + Smart Transport Projects- Part 1	Disaster Risk Management Session 1: Technology Showcases and Networking for Disaster Risk Management
10:40-11:00	Coffee Break		
11:00-12:20	Energy Session 5: Wrap-up for Smart Grid	Transport Session 4: Resilient + Smart Transport Projects- Part 2	Disaster Risk Management Session 2: Technology Showcase and Networking for Disaster Risk Management
12:20 - 14:00	Lunch Break at Executive Dining Room		
14:00 - 15:40	Accelerating Commercialization of Smart Technologies	Showcase of Electric Vehicle Projects	

Parallel Session Notes: ENERGY

Title	ROUNDTABLES: Energy
Venue/Time	Multi-Function Hall 1, HQ ADB / 13:30, 19 May – 12:20, 20 May
Background	<p>Based on the result of the Plenary Session where client countries government agencies, ADB staff and potential knowledge partners share the views across the sector of Energy, Transport, Urban, and Water as well as Disaster Risk Management, the Tripartite round table discussions by client government agencies, ADB staff, the private sector, other stakeholders will be organized by Energy sector group with some presentations.</p> <p>The expected outcomes are</p> <ol style="list-style-type: none"> 1. Potential knowledge partners will share with ADB staff concept papers and supplementary information on specific innovative technologies and solutions. 2. ADB staff and developing member country (DMC) officials will explain their specific needs for technologies and solutions and listen to the ideas of technology and solution providers then identify the ACTIONS for next step 3. A list of potential candidates for knowledge partnerships in the areas covered by the Forum will be developed. Knowledge partnerships will be pursued after the forum if found relevant and mutually satisfactory to ADB, ADB members, and technology providers.
Program	<p>19 May (Tue)</p> <p>Moderator Yongping Zhai, Technical Advisor (Energy)</p> <p>13:30-14:45 Session 1: Urban Smart Grid Remark: Reji Kumar, India Smartgrid Forum Presentation on Smart Grid Overview– Bloomberg Presentation by Keiju Mitsuhashi, ADB – Central & West Asia Subregion Presentation by Siemens – Technologies Showcases Presentation by TEPCO, Japan – Smart Grid & Smart Meter Presentation by Meralco – Technologies Showcases Comments by Developing Member Countries Energy Sector Government Officials Comments by Yongping Zhai</p> <p>14:45-15:00 Coffee Break</p> <p>15:00-16:15 Session 2: Microgrid in Rural Areas Presentation by Arun Ramamurthy, Kazuhiro Enomoto, ADB – Smartgrid & South Asia Subregion Presentation by General Electric – Technologies Showcases Presentation by GS Yuasa – Battery Solution for Rural Area Presentation by Ryuzo Sugimoto – Possibility of Climate Finance Application Presentation by Xu Honghua – Renewable energy-based Microgrids in the People’s Republic of China Comments by Developing Member Countries Energy Sector Government Officials Comments by Yongping Zhai</p> <p>16:15-16:30 Coffee Break</p> <p>16:30-17:30 Session 3: Generation-Transmission- Distribution Presentation by Andrew Jeffries, ADB –T&D and Smart Grid in India Presentation by Takafumi Kadono – South East Asia Subregion Presentation by Alstom – Technologies Showcases Presentation by Professor Ryosuke Shibasaki – Spatial Technologies Comments by Developing Member Countries Energy Sector Government Officials Comments by Yongping Zhai</p> <p>20 May (Wed)</p> <p>9:00-10:40 Session 4: ICT Component for Smartgrid Presentation by IBM – Technologies Showcases Presentation by 3M – Technologies Showcases Presentation by Oracle – Technologies Showcases Presentation by Battelle – Technologies Showcases</p>

Parallel Session Notes: ENERGY

Comments by Developing Member Countries Energy Sector Government Officials
Comments by Yongping Zhai

10:40-11:00 Coffee Break

11:00-12:20 Session 5: Wrap Up

Comments by Developing Member Countries Energy Sector Government Officials
Discussion
Concluding Remark by Yongping Zhai

Contact
persons

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Parallel Session Notes: TRANSPORT

Session 1	Sustainable Urban Transport Marketplace
Date/Time	19 May/ 13:30-14:45
Venue	Multi-Function Hall 2
Background	Sustainable transport experts will have five minutes each to present on a transport technology. Working in small breakout groups, participants will then be tasked with developing a mock budget and prioritizing which technologies they wish to pursue. With the assistance of ADB project officers, the participants will begin to prepare their presentations for Session 4 (“Resilient + Smart Transport Projects”).
Program	<p>Moderator David Margonsztern, Senior Urban Development Specialist (Transport), ADB</p> <p>Presenters</p> <ul style="list-style-type: none"> ▪ Bradley Schroeder, Catapult Design, Modern pedicabs ▪ Shanshan Li, ITDP, Bicycle sharing systems ▪ Raj Srinivasan, ADB consultant, Bicycle distribution ▪ Bram van Ooijen, ITDP, Manila Greenways Project ▪ Alain Taher Österlind, CALE, Parking management ▪ Karl Fjellstrom, ITDP, Bus Rapid Transit
Contact persons	Lloyd Wright, ADB, lwright@adb.org , +632 6915 Kristine Lucero, ADB, klucero.consultant@adb.org , +632 6324444 local 70710
Session 2	Improving Mobility, Improving Resilience
Date/Time	19 May/ 15:00-16:15
Venue	Multi-Function Hall 2
Background	Cities are pursuing innovative projects that improve mobility and resilience. In this session, panelists will present these innovative projects in rapid “PechaKucha” style presentations. The Chair will then lead the audience through an interactive discussion, which will feature e-balloting on key questions. The session will also feature a publications launch on ADB’s latest knowledge product on climate proofing for the transport sector.
Program	<p>Moderator Karma Yangzom, Environment Specialist, ADB</p> <p>Presenters:</p> <ul style="list-style-type: none"> • Melinda Hanson, ADB Consultant, Adapting New York City after Hurricane Sandy • David Margonsztern, ADB, Resilient Design for Public Transport Projects • Michael Espiritu, Crearis, Resilient Design with Non-Motorized Transport • Celina Agaton, Resilience consultant, OpenStreetMap: The Roadmap for Resilient Communities <p>Publications Launch: <i>Climate Proofing ADB Investment in the Transport Sector</i></p> <ul style="list-style-type: none"> • Daniele Ponzi, Lead Environment Specialist, ADB • Hideaki Iwasaki, Director, South East Asia Transport and Communications Division, ADB
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Session 3	Site Visit—Implementing a Resilient + Smart Community: Bonifacio Global City
Date/Time	19 May/ 16:30- 19:30

Parallel Session Notes: TRANSPORT

Venue	Bonifacio Global City
Background	<p>Participants will travel to Bonifacio Global City to see best practice in smart urban mobility and resilience. Accompanied by local experts, participants will tour High Street greenway, learn about water capture and storage features, and visit the future site of a new BRT corridor and a pedestrian and bicycle greenway. Following the tour of BGC, the participants will settle into a local restaurant for dinner.</p> <p>Site Guides</p> <ul style="list-style-type: none"> • Fort Bonifacio Development Corporation • Asian Development Bank
Contact persons	Lloyd Wright, ADB, lwright@adb.org , +632 6915 Kristine Lucero, ADB, klucero.consultant@adb.org , +632 6324444 local 70710
Session 4	Resilient + Smart Transport Projects
Date/Time	20 May/ 09:00-12:20
Venue	Multi-Function Hall 2
Background	<p>Based on the experiences from the conference, the participating DMC officials will be given time to develop proposals to enhance their existing projects for resilient and smart community development. Then, each one will have up to 5 minutes to present their own Resilient + Smart Transport Projects. The presentations will be supported by the corresponding ADB project officers. Feedback will then be provided via an “American Idol”-styled panel featuring leading funder organizations. The funders will indicate the aspects of the proposals that are most of interest to them. Participants and funders will be encouraged to follow-up with one another to actually take the proposals to the next stage of development.</p>
Program	<p>09:00-10:00 Proposal Development</p> <p>Based on the experiences from the conference, the participating DMC officials will develop presentations on how they propose to enhance their existing transport initiatives with aspects of resilience and sustainability. This working session will involve ADB project officers and partner organizations assisting the DMC officials in shaping their messages for the preparation of a 5 minute presentation.</p> <p>Moderator Lloyd Wright, Senior Transport Specialist, ADB</p> <p>10:00 – 10:40 Keynote Address: Arnel Casanova, CEO, BCDA on “Clark Green City”</p> <p>Arnel Casanova will deliver a keynote presentation on the Clark Green City Project, which is an ambitious undertaking to create a new city of 7 million inhabitants on the former Clark Air Base area of the Philippines. Mr. Casanova will highlight the resilience and sustainability aspects of this initiative. Following the presentation there will be an audience discussion of the project.</p> <p>Moderator Jamie Leather, Principal Transport Specialist, ADB</p> <p>11:00 – 12:20 Proposal Presentation</p> <p>Each DMC participant will be given up to 5 minutes to present their own Resilient + Smart</p>

Parallel Session Notes: TRANSPORT

Transport Projects. The presentations will be supported by the corresponding ADB project officers. Feedback will then be provided via an “American Idol”-styled panel featuring ADB staff and trust funder managers. The panel will indicate the aspects of the proposals that are most of interest to them. Participants and panel members will be encouraged to follow-up with one another to actually take the proposals to the next stage of development.

Moderator

Robert Guild, Director, ADB

Presenters

- Each participating DMC will present

Panel

- Tyrrell Duncan, Technical Advisor (Transport), ADB
- Tetsuya Kanai, Japan Fund for Poverty Reduction, ADB
- Alexandra Vogl, Urban Resilience Trust Fund , ADB
- Michael Rattinger, Green Climate Fund, ADB

Contact
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Parallel Session Notes URBAN/WATER

Session 1	Twinning Utilities for Better Service
Date/Time	19 May/ 13:30-14:45
Venue	Multi-Function Hall 3
Background	<p>While water operators face unique challenges as they deliver drinking water and wastewater services to their customers, they also share similar ones. The common challenges of developing cities with increasing demands are managed with the help of partnerships that lead to more capable operators. For this session, water operators and ADB staff will talk about sharing their replicable best practices that lead to better services and more efficient investments.</p> <p>In a Water Operators Partnership (WOP), developing operators (recipient) benefit from the unique, valuable knowledge of developed operators (mentors) acquired from years of experience on the field, providing services to customers, solving on-site problems on a day-to-day basis. This program is an example of a functional knowledge partnership. It is where mentor operators help recipient operators without remuneration as a consideration, and where recipient operators enrich the experience of the mentor operators in the process.</p> <p>The session will focus on:</p> <ul style="list-style-type: none"> • The value of water operators partnerships – how utility twinning programs positively affect the overall performance and behavior of a water operator • Expanding WOP for better asset management – how utility twinning programs can be optimized to improve planning, implementation and sustainability of investment programs
Program	<p>Moderator Niels van Dijk, ADB</p> <p>13:30 – 13:50 Presentation</p> <ul style="list-style-type: none"> • Video – “<i>Seeing is Believing: The ADB Water Operators Partnerships</i>”, a presentation explaining what is ADB WOP • “WOP in Practice” by Rodora Gamboa, Maynilad Water Services, Inc., Philippines <p>13:50 – 14:20 Open Forum A: The Value Of Water Operators Partnerships Khairul Effendy, Ranhill Utilities Sdn Bhd, Malaysia Federico Noe Goco, Manila Water Company, Inc. Alan Baird, ADB Anna Romelyn Almario, ADB</p> <p><i>Video: “Improving Wastewater Treatment in Yangon”, a presentation on a case study in Myanmar</i></p> <p>14:20 – 14:45 Open Forum B: Expanding WOP for Better Asset Management Rodora Gamboa, Maynilad Water Services, Inc., Philippines Folkert Jagersma, Vitens Evides International, Netherlands Vijay Padmanabhan, ADB</p> <p><i>Video: “Call for Mentors”, a presentation on why mentors like the program and why there is a need to continue</i></p>
Contact persons	Alan Baird, ADB, abaird@adb.org Niels van Dijk, nvandijk.consultant@adb.org Lyn Almario, ADB, aalmario.consultant@adb.org

Parallel Session Notes URBAN/WATER

Session 2	Water Resources Management: Water, Energy, and Food
Venue/Time	Multi-Function Hall 3, HQ ADB / 13:30 – 16:15, 19 May
Background	<p>Population growth and the expansion of cities, towns, and industrial areas are placing increasing demand on finite water resources in the Asia-Pacific region. According to the 2015 Global Risks report by the World Economic Forum, the water crisis is now the world's most impactful risk.</p> <p>Agriculture is the major consumer of water. With an ever-increasing population, food production (net of food used for biofuels) must increase by 70% by 2050 to meet demand. As populations become wealthier, their diets change and become more meat based. This requires more water. On average, about 5 times more water is required to produce a kilogram of meat compared to a kilogram of rice.</p> <p>Estimates for Asia predict a 65% increase in industrial water use, a 30% increase in domestic use, and a 5% increase in agriculture use by 2030. This illustrates the growing and acute competition among the principal water consumers—it also indicates the limits on supply options for agriculture.</p> <p>Increasing populations result in reduced available farmland and increasing demands for water from competing users. Agriculture will have to improve the performance of both irrigated and rain fed production. Investments for smarter water-saving agricultural practices and better water management are urgently needed. The potential of agriculture needs to be unlocked to resolve the world's water problems and to use scarce water resources much more productively.</p> <p>ADB's project officers and their counterparts in DMCs will discuss advancements and gaps in the technology and financing models utilized by projects for irrigated agriculture – specifically for solar irrigation. Service providers will also showcase current innovations in solar energy use for pumping irrigation water and use of GIS for more accurately calculating crop and water productivity.</p>
Program	<p>Moderator Yasmin Siddiqi, Principal Water Resources Specialist</p> <p>15:00 – 15:10 Welcome and introduction of session and panelists - considering water security and challenges in irrigation- Yasmin Siddiqi, Principal Water Resources Specialist</p> <p>15:10-15:20 Business model for solar irrigation in Bangladesh and India- Peter Marro, Principal Financial Sector Specialist, ADB</p> <p>15:20-15:30 Solar irrigation pump technology - Mark Tomas, Founder (President), Sunelec PV Solutions, PHI</p> <p>15:30-15:40 SEBAL technology for improving land and water productivity- Wim Bastiaanssen, UNESCO-IHE</p> <p>15:40 – 16:50 Application of remote sensing for improved irrigation in Central Asia - RESTEC, Japan</p> <p>15:50- 16:00 Irrigation Monitoring Systems in the Philippines- TAKUWA, Japan</p> <p>16:00 – 16:15 Discussion and closing</p>
Contacts	<p>Yasmin Siddiqi, ADB, ysiddiqi@adb.org, +632 6326263 Pia Corrina Reyes, ADB, piareyes@adb.org, +632 6321642 Ellen Pascua, ADB, epascua@adb.org, +632 6325243</p>

Parallel Session Note: DISASTER RISK MANAGEMENT

Session 4 and 5	Technology Showcases and Networking for Disaster Risk Management
Date/Time	20 May/ 09:00-12:20
Venue	Multi-Function Hall 3
Background	<p>Natural hazards-related disasters —floods, earthquakes, typhoons, pose growing risks to sustainable development in Asia and the Pacific region. However, ADB strongly believes that disaster losses and related setbacks in poverty reduction are not inevitable and can be managed through investments in disaster resilience.</p> <p>To guide its operations on disaster resilience, ADB has approved the Operational Plan for Integrated Disaster Risk Management (IDRM Operational Plan), 2014–2020 which seeks to (i) promote an integrated disaster risk management approach in ADB’s operations, supporting related products and business processes to strengthen disaster resilience; (ii) further strengthen developing member countries capabilities, knowledge, and resources to reduce disaster risk and to respond to disaster events in a timely, cost-efficient manner; and (iii) mobilize additional public and private partnerships and resources for disaster risk management.</p> <p>Under the IDRM Operational Plan, ADB will strengthen its investments to reduce disaster risk by supporting structural and non-structural measures, and both stand-alone and embedded actions in various sectors - energy, transport, urban, agriculture, and water; utilizing state-of-the art technology; and fostering innovative partnerships with national and regional agencies, development partners, and the private sector.</p> <p>The session will focus on:</p> <ul style="list-style-type: none"> • Having a common understanding on the role of technology and partnership in strengthening disaster resilience; • Sharing examples of technology and innovative partnerships for strengthening disaster resilience; and • Facilitating collaboration between DMC agencies and the private sector on strengthening disaster resilience.
Program	<p>Moderator Arghya Sinha Roy, Disaster Risk Management Specialist, ADB</p> <p>9:00 - 09:05 Session Introduction</p> <p>9:05 - 09:40 Session 1: Understanding Disaster Risk</p> <p><i>This session will include presentations on the needs and solutions for identifying and assessing disaster risk, including assessing hazards, vulnerability and exposure.</i></p> <p>09.05-09.20 – Advances in Use of Technology and Partnerships for Disaster Risk Assessment and Key Lessons, Anil Pokhrel, Disaster Risk Management Specialist, ADB 09.20-09.35 – Disaster AWARE: A Platform for Disaster Monitoring, Early Warning and Decision Support, Chris Chiesa, Pacific Disaster Center 09.35-09.40 - Discussion</p> <p>09:40 - 10:30 Session 2: Reducing Disaster Risk</p> <p><i>This session will include presentations on solutions for reducing disaster risk across different sectors of development.</i></p> <p>09.40-09:55 – Community-based disaster risk management and challenges in the Greater Mekong Subregion Flood and Drought Risk Management and Mitigation Project in Viet Nam, by Hidefumi Murashita, Water Resources Specialist, SEER</p>

**Parallel Session Note:
DISASTER RISK MANAGEMENT**

09:55-10:10 – People and Vehicle Flow Analysis for Disaster Risk Reduction, Prof Shibasaki, University of Tokyo
 10.10-10.25 – Community-based disaster risk management in Kitakyush, Seiko KUBO
 10.25-10.30 – Discussion

10:30 – 11:35 Session 3: Post Disaster Response

This session will include presentations on innovative solutions for improving post-disaster response. Coffee break will be from 10:40 to 11:00.

10:30 – 10:45 – Improving Community Disaster Response and Resilience through use of Technology in a Community-driven Development Program, Alexander B. Glova, Department of Social Welfare and Development, Philippines

10:45 – 11:00 – Coffee Break

11:00 – 11:15 – Applying Space-based Technology and ICT to strengthen disaster resilience, Yusuke Muraki, Infrastructure Specialist, ADB

11.15-11.30 – Ride the Wave: Enabling Disaster Communications, David Lum, Motorola Solutions, Inc

11.30-11.35 - Discussion

11.35 - 12.05 Session 4: Partnerships for Strengthening Disaster Resilience

This session will introduce examples of innovative partnerships for strengthening disaster resilience.

11.35-11.50 – Resilient Cities Connect – An initiative of the UNISDR, Japan Bosai Platform and the Government of Netherlands, HIRO Nishiguchi

11.50-12.05 – RISE- Disaster Risk Sensitive Investments, A joint initiative of UNISDR and Private Sector, Rose Javier, PWC Consulting

12.10 - 12.20 Wrap-up Discussion

Contact persons

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**Parallel Session Note:
CLIMATE TECHNOLOGY FINANCE CENTRE**

Session 1	From Lab To Market: Accelerating Commercialization Of Innovations
Date/Time	20 May/ 14:00-15:40
Venue	Multi-Function Hall 2
Background	This panel session will discuss experiences and learning in accelerating the commercialization of new “smart” technologies, with a particular focus on the role of technology start-up accelerators and their role in facilitating the collaboration between innovators, entrepreneurs, investors and industry. The panel will consist of leading technology start-up accelerators and companies from across Asia
Program	<p>Moderator Daniel Heresson, ADB</p> <p>14:00pm – 14:10pm Introduction: From Lab To Market</p> <p>14:10pm – 14:45pm Panel: Experiences With Commercializing Smart Technologies In Asia <i>Each panelist will provide a short overview of their acceleration ‘model’ and how they actively collaborate with innovators, entrepreneurs, investors and industry.</i></p> <p>Panelists</p> <ul style="list-style-type: none"> • Earl Valencia, President, IdeaSpace Foundation, Manila, Philippines • Gang Lu, Deputy General Manager and Executive Director, Legend Star, Beijing, PRC • Gerald Hane, President and Chief Executive Officer, Battelle Asia, Tokyo, Japan • Juan Carlo S. Casem, Senior Assistant Vice President and Head of ICT Strategy, Architecture & Governance, MERALCO, Manila, Philippines • Kunal Upadhyay, Chief Executive Officer, CIIE Initiatives and Infuse Ventures, Ahmedabad, India • Sanjay Kuttan, Director and Head of DNV Clean Technology Centre, Singapore <p>14:45pm – 15:25pm Discussion: Accelerating Smart Technology Commercialization <i>The panelists will discuss the following guide questions, and will also invite questions and comments from the audience.</i></p> <ul style="list-style-type: none"> • <i>What are the key challenges and barriers in accelerating the commercialization of smart technologies?</i> • <i>How can different stakeholders help address these barriers and support smart technology commercialization and acceleration in Asia?</i> <p>15:25pm – 15:30pm Wrap-up and Conclusion/ Acknowledgements Daniel Heresson Xuedu Lu, Adviser, Regional and Sustainable Development Department</p>
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Parallel Session Note: Showcase of Electric Vehicle Projects

Title	Multi Function Hall 3, ROUNDTABLES: Showcase of Electric Vehicle Projects
Venue/Time	HQ ADB / 14:00 – 15:40, 20 May
Background	The session will highlight the experiences of electric vehicle projects designed to promote resilient and smart communities.
Program	Roundtable: Showcase of Electric Vehicle Projects
Contact persons	Keiichi Tamaki, ADB; ktamaki@adb.org ; +632 6326542

WRAP UP SESSION

Venue/Time	Multi-Function Hall 1, HQ ADB / 16:00 – 16:40, 20 May
Background	This session is to wrap up the two-day program and discuss way forward.
Program	<p>Representatives of Energy, Transport, Urban, Water Sector Groups and others will summarize with 3 page PowerPoint presentations the outcome of the discussion and their respective plans for next steps.</p> <p>Summaries and Questions</p> <p>MODERATOR: Ryu Fukui Head, Knowledge Sharing and Services Center and Advisor, RSDD, ADB</p> <p>Presenters Yongping Zhai, Technical Advisor (Energy) Tyrrell Duncan, Technical Advisor (Transport) Vijay Padmanabhan Technical Advisor (Urban and Water) Arghya Sinha Roy, Disaster Risk Management Specialist (Climate Change Adaptation)</p> <p>Expected outcome of the Knowledge Forum</p> <ol style="list-style-type: none"> 1. Potential knowledge partners will share with ADB staff concept papers and supplementary information on specific innovative technologies and solutions. 2. ADB staff and developing member country (DMC) officials will explain their specific needs for technologies and solutions and listen to the ideas of technology and solution providers then identify the ACTIONS for next step 3. A list of potential candidates for knowledge partnerships in the areas covered by the Forum will be developed. 4. Knowledge partnerships will be pursued after the forum if found relevant and mutually satisfactory to ADB, ADB members, and technology providers. <p>Closing Remarks Ryu Fukui Head, Knowledge Sharing and Services Center and Advisor, RSDD, ADB</p>
Contact persons	<ol style="list-style-type: none"> 1. Naoki Sakai: +63-2-632-4444 (ext. 5461); nsakai@adb.org 2. Christina Duenas: +63-2-632-4444 (ext. 5317); cduenas@adb.org

Field Visit Itinerary

Bonifacio Global City

19 May 2015

Participants will travel to Bonifacio Global City to see best practice in smart urban mobility and resilience. Accompanied by local experts, participants will tour High Street greenway, learn about water capture and storage features, and visit the future site of a new bus rapid transit corridor and a pedestrian and bicycle greenway.

Organizer: Transport Sector Group

Schedule

16:15 – 16:30 Loading on to the Bus (ADB Avenue Driveway)

16:30 – 17:00 Travel Time from ADB to Bonifacio High Street

Drop-off Point: Alveo Headquarters, 28th Street (between One Parkade and Active Fun)

17:00 – 17:45 Walking Tour: Along Bonifacio High Street to Burgos Circle

17:45 – 18:00 Pick up and Travel to Serendra for dinner

Intermediary Pick-up Point: Burgos Circle, BGC

Intermediary Drop-off Point: Serendra, 11th Avenue

18:00 – 20:00 Dinner (Serendra)

Pick-up Point: Serendra, 11th Avenue

20:00 – onwards Travel back to ADB

Contact Point:

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