

**2021 Asian Development Bank Institute Annual Conference:
Climate Change Mitigation and Green Finance**

1-3 December (Wednesday-Friday) 2021

[Virtual conference; JST time zone, local time in Tokyo]

AGENDA as of 1 Dec. 2021

Day One: 1 December 2021	
9:15 - 9:25 (10 minutes)	Introduction (technical guidance and speakers' group photo) Dina Azhgaliyeva , Research fellow, Asian Development Bank Institute (ADBI), Japan
9:25 - 9:35 (10 minutes)	Opening Remarks Tetsushi Sonobe , Dean and CEO, ADBI, Japan
9:35 - 9:40 (5 minutes)	Welcoming Remarks [video-recorded] Masatsugu Asakawa , President, Asian Development Bank, Philippines
9:40 - 10:00 (20 minutes)	Keynote Speech [video-recorded] <i>Mitigation needs in light of the latest climate science</i> Jim Skea , Professor of Sustainable Energy at Imperial College London, United Kingdom, Co-Chair of Working Group III - Mitigation of Climate Change, The Intergovernmental Panel on Climate Change (IPCC)
10:00 - 11:30 (90 minutes)	Panel discussion I. Promoting Green finance for climate change mitigation Moderator: Ahmed M. Saeed , Vice-President, East Asia, Southeast Asia and the Pacific, ADB, Philippines Panellists: <ul style="list-style-type: none"> - Xiumei Duan, Director General, Department of International Green Finance & Cooperation, China National Investment and Guaranty Corporation, People's Republic of China - Soh Young In, Financial Innovation Lead, Stanford Precourt Institute for Energy, Stanford University, United States; Researcher and Director of Sustainable Smart City Finance, Stanford Center at the Incheon Global Campus - Aladdin Rillo, Senior Economic Advisor, ERIA, Indonesia - Daniel Runde, Senior Vice President, Project on Prosperity and Development, Center for Strategic and International Studies, United States - Krishna Srinivasan, Deputy Director, Asia-Pacific Department, International Monetary Fund, United States - Shu Tian, Economist, ERCD, ADB, Philippines Open Floor Discussion
11:30 - 12:00 (30 minutes)	Short break
12:00 - 13:30 (90 minutes)	Session I. Energy Sector: Transition toward high renewable energy penetration Chair: Priyantha Wijayatunga , Chief of Energy Sector Group, Sustainable Development and Climate Change Department, ADB, Philippines

	<p>Paper 1: <i>Financing the Energy Transition in a Low-Cost Intermittent Renewables Environment</i> Presenter: Frank Wolak, Professor, Department of Economics, Stanford University, United States Discussant: Ryoichi Komiyama, Associate Professor, Department of Nuclear Engineering and Management, Graduate School of Engineering, The University of Tokyo</p> <p>Q&A</p> <p>Paper 2: <i>Secure energy transition in the power sector with high shares of variable renewables</i> Presenter: Peerapat Vithayasrichareon, Lead Analyst, Renewable Integration and Secure Electricity Unit, IEA, France Discussant: Rika Safrina, Energy Modelling and Policy Planning Officer, Energy Modelling and Policy Planning, ASEAN Centre for Energy, Indonesia</p> <p>Q&A</p>
Day Two: 2 December 2021	
9:50 – 10:00 (10 minutes)	<p>Introduction (technical guidance and speakers' group photo) Dina Azhgaliyeva, Research fellow, ADBI, Japan</p>
10:00 – 11:30 (90 minutes)	<p>Session II. Carbon Pricing</p> <p>Chair: Sujata Gupta, Director, Sustainable Infrastructure Division, East Asia Department, ADB, Philippines</p> <p>Paper 1: <i>Exploiting complementarity of carbon pricing instruments for decarbonization in People's Republic of China</i> Presenter: Ying Fan, Dean, School of Economics and Management, Beihang University, People's Republic of China Discussant: Tian Goh, Research Fellow, Energy Studies Institute, National University of Singapore, Singapore</p> <p>Q&A</p> <p>Paper 2: <i>What role for carbon taxes and emissions trading in a portfolio of policies to reduce greenhouse gas emissions?</i> Presenter: Frank Jotzo, Professor, Crawford School of Public Policy; Director, Centre for Climate and Energy Policy, Australian National University, Australia Discussant: Tatsuto Yukihiro, Professor, Economic Research Center, Nagoya University, Japan, Joint Director of China Institute of Global Low-carbon Economy</p> <p>Q&A</p>
11:30 – 12:00 (30 minutes)	Short break
12:00 – 13:30 (90 minutes)	<p>Panel Discussion II. Regional cooperation for climate change mitigation</p> <p>Moderator: Cyn-Young Park, Director for Regional Cooperation and Integration, Economic Research and Regional Cooperation Department, ADB, Philippines</p>

	<p>Panelists:</p> <ul style="list-style-type: none"> - Pascal Bertolini, Director, Electric Sector Organization, RTE international, France - Mizan R. Khan, Deputy Director, International Centre for Climate Change and Development (ICCCAD), Independent University, Bangladesh; Programme Director of Least Developed Countries Universities' Consortium on Climate Change (LUCCC), Bangladesh - Clare Shakya, Director, Climate Change Group, International Institute for Environment and Development (IIED), United Kingdom - Nuki Agya Utama, Executive Director, ASEAN Centre for Energy, Indonesia - Matthew David Wittenstein, Chief of section, Energy connectivity, UN ESCAP, Thailand <p>Open Floor Discussion</p>
13:30 – 16:30	Long break
16:30 – 18:00 (90 minutes)	<p>Session III. Buildings: Promoting and financing demand-side energy efficiency</p> <p>Chair: Yukari Niwa Yamashita, Managing Director, Institute of Energy Economics (IEEJ), Japan</p> <p>Paper 1: <i>Future-proofing sustainable cooling demand</i> Presenter: Toby Peters, Professor of Cold Economy, co-Director, Centre for Sustainable Cooling, Chemical Engineering, University of Birmingham, United Kingdom Discussant: Clayton Miller, Assistant Professor, Department of the Built Environment, School of Design and Environment, National University of Singapore, Singapore</p> <p style="text-align: center;">Q&A</p> <p>Paper 2: <i>Financing Green Buildings: barriers, solutions, policies</i> Presenter: Dina Azhgaliyeva, Research Fellow, ADBI, Japan Discussant: Alessandro Romagnoli, Director of Multi Energy Systems, School of Mechanical & Aerospace Engineering, Nanyang Technological University, Singapore</p> <p style="text-align: center;">Q&A</p>
Day Three: 3 December 2021	
8:50 – 9:00 (10 minutes)	<p>Introduction (technical guidance and speakers' group photo) Dil B. Rahut, ADBI, Japan</p>
9:00 – 9:30 (30 minutes)	<p>Keynote Speech [30 minutes including Q&A] "MDBs' Role in Addressing Climate Change and Financing for Climate Change" Junhong Chang, Executive Director for China at the World Bank Group, United States</p>

<p>9:30 – 11:45 (135 minutes)</p>	<p>Session IV. Agriculture, Forestry and Land Use (AFOLU)</p> <p>Chair: Jiangfeng Zhang, Director, Environment, Natural Resources, and Agriculture Division, SERD, ADB, Philippines</p> <p>Paper1: <i>Contribution of agriculture to climate change and low-emission agricultural development in Asia and Pacific</i> Presenter: Jeetendra Prakash Aryal, Independent consultant, Kirtipur, Kathmandu, Nepal Discussant: Sukanya Das, Associate Professor and Head, Department of Policy Studies, TERI School of Advanced Studies, India</p> <p>Q&A</p> <p>Paper 2: <i>Best bets for achieving a carbon-neutral global food system</i> Presenter: David Lobell, Professor, Earth System Science, Stanford University, United States Discussant: Puja Sawhney, Former EU SWITCH Asia SCP Facility</p> <p>Q&A</p> <p>Paper 3: <i>Forest management for better climate mitigation and adaptation goals</i> Presenter: Rupesh Bhomia, Scientist, Climate Change, Energy and Low-Carbon Development, Centre for International Forestry Research (CIFOR), Indonesia Discussant: Ridhima Gupta, Assistant Professor, Faculty of Economics, South Asian University, India</p> <p>Q&A</p>
<p>11:45 – 15:30</p>	<p>Long break</p>
<p>15:30-15:35</p>	<p>Keynote Speech [video-recorded] Alok Sharma, COP26 President, United Kingdom</p>
<p>15:35 - 16:05 (30 minutes)</p>	<p>Keynote Speech [15 minutes speech, 10 minutes for Q&A] <i>Decarbonization of Transport and Sustainable Mobility in Asia</i> Dechen Tsering, UNEP Regional Director for Asia and the Pacific, Thailand</p>
<p>16:05 – 18:20 (135 minutes)</p>	<p>Session V. Transport Sector</p> <p>Chair: James Leather, Chief of Transport Sector Group, ADB, Philippines</p> <p>Paper 1: <i>TUMI Transport Outlook 1.5° – A Global Scenario to Decarbonize Transport</i> Presenter: Marvin Stolz, Transport Policy Advisor, TUMIVolt - Urban mobility from renewable energy, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Germany Discussant: Deepty Jain, Assistant Professor, Department of Sustainable Engineering, TERI School of Advanced Studies, India</p> <p>Q&A</p> <p>Paper 2: <i>Transport CO2 mitigation pathways and public acceptability</i> Presenter: Robin Hickman, Professor of Transport and City Planning, the Bartlett School of Planning Faculty of the Built Environment, University College London, United Kingdom</p>

	<p>Discussant: Nguyen Thi Kim Oanh, Professor at Department of Energy, Environment, and Climate Change, School of Environment, Resources and Development, Asian Institute of Technology, Thailand</p> <p>Q&A</p> <p>Paper 3: <i>Decarbonizing the Transport sector al through Electrification and Biofuel Use in Emerging Economies of Asia</i> Presenter: Venkatachalam Anbumozhi, Director, Research Strategy and Innovations, the Economic Research Institute ASEAN and East Asia (ERIA), Indonesia Discussant: Kamna Sachdeva, Associate Professor, Energy and Environment, TERI School of Advanced Studies, India</p> <p>Q&A</p>
<p>18:20 – 18:30 (10 minutes)</p>	<p>Concluding Remarks Tetsushi Sonobe, Dean and CEO, ADBI, Japan</p>

[Note: 45 minutes for each paper – 25 minutes presenter, 10 minutes discussant, 10 minutes Q&A]