



亚太低碳技术高峰论坛

Asia-Pacific Forum On Low Carbon Technology

Asia-Pacific Forum on Low-Carbon Technology 2018

Sharing Low-Carbon Technology for a Blue and Beautiful Sky

24-26 October 2018

BROAD Town, Changsha, Hunan Province, People's Republic of China

I. Background

On 22 September 2015, a Memorandum of Understanding (MOU) was signed by ADB and the Hunan Development and Reform Commission (Hunan DRC) in Changsha, Hunan, PRC, with the aim to promote the effective deployment and development of climate technology. Since the MOU signing, ADB and the Government of Hunan have co-hosted two successful Forums: the 2016 Asia-Pacific Summit on Low Carbon Technology on 19-21 October 2016, and the 2017 Asia-Pacific Forum on Low Carbon Technology on 29-30 November 2017. The Forum showcases global, regional, and country success stories and experience in promoting the development of, and investment in low-carbon technologies (LCTs) and boosts both North-South and South-South technology transfer.

Hunan Province has a GDP of US\$480 Billion (2016) and a projected growth rate of 7% in 2019. To put this in perspective, Hunan Province's GDP is more than Thailand. Hunan Province is a powerhouse in the area of internet-of-things (IOT) with many other large Companies looking to internationalize.

II. Purpose of the Forum

ADB and the Government of Hunan are once again co-hosting the 2018 Asia-Pacific Forum on Low Carbon Technology during 24-26 October 2018. With the theme, "Sharing Low-Carbon Technology for a Blue and Beautiful Sky", the main purpose of the Forum is to support and promote substantive cooperation in low-carbon city development and high-technology investment, while encouraging deep discussion among participants through parallel sessions, bilateral meetings, and technology roadshows.

Hosts

Hunan Development and Reform Commission

Asian Development Bank

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Environmental Protection Department of Hunan

Partners

KfW Development Bank (KfW) (Germany)

Energy Foundation China (EFC) (USA)

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) (Germany)

ICLEI - Local Governments for Sustainability (Germany)

The Institute for Sustainable Communities (ISC) (USA)

The Administrative Centre for China's Agenda 21 (ACCA21) (PRC)

Alliance of Carbon Emissions Trading (ACET-CECA) (PRC)

Hunan International LCT Exchange Center (PRC)

Building Energy Research Center, Tsinghua University (PRC) (TBC)

ASEAN-China Centre (PRC)

Green Development League of National Economic & Technological Development Zone (Green Development League of NETDZs) (PRC)

Umore Consulting Ltd. (PRC)

Organizers

Hunan Innovative Low Carbon Center (HILCC)

Climate Technology Finance Center (CTFC), Asian Development Bank

Co-Organizer

BROAD Group (PRC)

Asia-Pacific Forum on Low-Carbon Technology 2018

Sharing Low-Carbon Technology for a Blue and Beautiful Sky

24-26 October 2018

BROAD Town, Changsha, Hunan Province, People's Republic of China

Agenda

DAY 1–24 OCTOBER, WEDNESDAY

8:00 ~ 9:00

Registration

(60 minutes)

Venue: BROAD Town

9:00 ~ 11:00

Opening Plenary

(120 minutes)

Venue: Workshop #5, BROAD Town

Chair : (TBC)

9:00 ~ 9:30

Part 1 : Welcome Remarks (30 minutes)

(30 minutes)

- Representative from Hunan Province (PRC)
- **WooChong Um**, Director General, Sustainable Development and Climate Change Department, Asian Development Bank
- Representative from Ministry of Finance (PRC)
- Representative from Ministry of Ecology and Environment (PRC)
- **Yue ZHANG**, Founder and Chairman, BROAD Group (PRC)

9:30 ~ 10:50

Part 2 : Keynote Speeches (80 minutes)

(80 minutes)

- **Keynote 1:**
Lin XU, Chairman, US-China Green Fund (15 mins)
- **Keynote 2:**
Charlotte Roule, Chief Executive Officer, ENGIE China (15 mins)
- **Keynote 3:**
Representative from Environmental Protection Department of Hunan(15 mins)
- **Keynote 4:**
Dadi ZHOU, Former Director General, Energy Research Institute, National Development and Reform Commission (15 mins)
- **Keynote 5:**
Changming LI, Director of Institute for Clean Energy & Advanced Materials (ICEAM), Southwest University, Chongqing University (15 mins)

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10:50 ~ 11:00
(10 minutes)

Part 3 : Awarding of the New Energy Leaders 2018 special batch and showcase of the ADB-TusStar China Cleantech Competition 2018 (10 minutes)

Chair:

Jia YU, Director of International Development Cooperation, Centre for New Structural Economics, Peking University (PRC)

Award Presenters:

- **WooChong Um**, Director General, Sustainable Development and Climate Change Department, Asian Development Bank
- **Yongping ZHAI**, Chief of Energy Sector Group, Asian Development Bank
- **Dipal Barua**, Founder & Chairman, Bright Green Energy Foundation (Bangladesh)
- Representative from Hunan Province

Awardees:

New Energy Leaders 2018 special batch

- **Diyaz Baiseitov**, Founder, Kuntech (Kazakhstan)
- **Xia LI**, Founder, Shenzhen Power Solution (PRC)
- **Nabeel Siddiqui**, Founder, ModulusTech (Pakistan)
- **Amit Singh**, General Manager/Director, CBS Power Solutions (Fiji)

Showcase of the ADB-TusStar China Cleantech Competition 2018

- **Edward ZHANG**, Co-Founder, Shenzhen Shenqing New Material (PRC)
- **Rong XU**, Founder & CEO, Umore Consulting Ltd. (PRC)
- **Yongping LIU**, Chairman, Zhonghai Runda New Material Technology (PRC)
- **Mark LIANG**, CTO, Beijing Warmland Energy Service Co. Ltd. (PRC)

11:00~ 11:10
(10 minutes)

Morning Break

Venue: Workshop #5, BROAD Town

11:10~ 12:30
(80 minutes)

Plenary 2

Venue: Workshop #5, BROAD Town

This session will set the scene for the Forum, taking into consideration recent developments, dynamics, future trends in clean and low carbon energy technologies, and share insights, knowledge, and views on strategy and policies

for clean and low carbon energy development. It will explore how high-technology can support to meeting Asia's universal energy access, energy security, affordable clean and low carbon energy demands. It will also discuss how international collaboration in empowering the region to deploy and invest clean and low carbon energy technologies.

Part 1: High Level Panel Discussion (60 minutes)

Chair:

Sujata Gupta, Director, East Asia Sustainable Infrastructure Division, Asian Development Bank

Keynote speakers (20 minutes):

- **Yongping ZHAI**, Chief of Energy Sector Group, Asian Development Bank
- **Jin WANG**, Director, Institute of International Energy, International Cooperation Center, National Development and Reform Commission

Panel discussion (40 minutes):

- **Ji ZOU**, President, Energy Foundation China
- **Sandra Retzer**, Head of Cluster Sustainable Urbanization Transportation and Energy, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) China
- **Yong CHEN**, Programme Officer – Sustainable Urban Energy, Innovation and Technology Center, International Renewable Energy Agency (IRENA)
- **Rongchun BAI**, Former Counsel, China's National Energy Administration
- **Hu GAO**, Director, Center for Energy Economy and Strategy Development, National Development and Reform Commission

Part 2: New Energy Leaders/Startups Discussion (20 minutes)

Chair:

- **Yongping ZHAI**, Chief of Energy Sector Group, Asian Development Bank
- **Jin WANG**, Director, Institute of International Energy, International Cooperation Center, National Development and Reform Commission

Panelists:

- **Daniel ZHANG**, Managing Director, BROAD Core Building Company (PRC)
- **Diyaz Baiseitov**, Founder, Kuntech (Kazakhstan)
- **Xia LI**, Founder, Shenzhen Power Solution (PRC)
- **Nabeel Siddiqui**, Founder, ModulusTech (Pakistan)
- **Amit Singh**, General Manager/Director, CBS Power Solutions (Fiji)
- **Rong XU**, Founder & CEO, Umore Consulting Ltd. (PRC)
- **Som Narayan**, Co-founder, Carbonlites (India)

12:30 ~ 14:00
(90 minutes)

Lunch Break

Venue: Mediterreanean Club, BROAD Town

14:00 ~ 15:45
(105 minutes)

Parallel Session 1: Opportunities and Challenges of Innovative Technologies in Green Urban Mobility

Venue: Scottish Classroom, 1F, Environment Philosophy Institute, BROAD Town
Organizer : Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)

The session will present cases wherein sustainable, economically viable, low-carbon urban transportation development has been encouraged, accelerated and facilitated, either by national and local policies and strategies, or by support from international and multilateral agencies. Speakers will discuss technologies, policies, strategies, approaches, experiences and challenges in promoting low carbon transportation adoption and investment in cities, to help them transition into urban environments that provide their residents a better quality of living, with lower GHG footprint.

Chair:

Christoph Nedopil, Project Director Sino-German Cooperation on Low-carbon Transport, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)

Speakers:

- **Yuting HUANG**, Project Manager, Shenzhen Urban Transport Planning Commission (SUTCP)
- **Jiandong Qiu**, Head of Transport Information and Model Division, Shenzhen Urban Transport Planning Commission (SUTCP)
- **Ki-Joon Kim**, Principal Transport Specialist, Asian Development Bank
- **Robin Hughes**, Founder, Clean Vehicles Solutions Asia
- **Sandra Retzer**, Head of Cluster Sustainable Urbanization Transportation and Energy, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) China

14:00 ~ 15:45
(105 minutes)

Parallel Session 2: Green Buildings

Venue: Golden Hall, 1F, Environment Philosophy Institute, BROAD Town
Organizer :Hunan University

The session will highlight challenges and opportunities for mainstreaming of green building development, especially in the urban context of developing Asia. Presentations will cover construction methods, financing, and case studies, with a view toward establishing a level playing field and making green buildings the rule rather than the exception.

Chair:

Guoqiang ZHANG (George), Dean, Institute for Sustainable Urbanization and Construction Innovation, Hunan University

Speakers:

- **Yue ZHANG**, Founder and Chairman, BROAD Group
- **Mark Lister**, Director, Asia Clean Energy Partners
- **Anupma Jain**, Senior Urban Development Specialist, Asian Development Bank
- **Raymond Hoe**, Architect, Scott Brownrigg
- **Nabeel Siddiqui**, Founder, ModulusTech

14:00 ~ 15:45
(105 minutes)

Parallel Session 3 :Circular Cities: Creating Low Carbon Urban Environments

Venue: Dean's Conference Room, 3F, Environment Philosophy Institute, BROAD Town
Organizer :ICLEI - Local Governments for Sustainability

This session will highlight best practices and challenges in shifting to a circular economy in cities in Asia. Speakers will present innovative solutions, technology advancements, and successful strategies that may be replicated or scaled-up. The session will also investigate how policies or government commitments support private sector led initiatives.

Chair:

Stephen Peters, Senior Energy Specialist (Waste-to-Energy), Asian Development Bank

Speakers:

- **Lerwen LIU**, Senior Advisor, King Mongkut's University of Technology Thonburi (KMUTT), Thailand
- **Merlin LAO**, Programme Manager, ICLEI-Local Governments for Sustainability
- **Junxia LIU**, Director, Strategic Planning Department, China Association of Circular Economy
- **Som Narayan**, Co-founder and Director, Carbonlites
- **Wilma Rodrigues**, Founder and CEO, Saahas Zero Waste
- **Jan Maurer**, Managing Director and CEO, WISY AG
- **Vincent Choy**, Director, Biogas Asia Pacific Forum
- **Wei-Guo PAN**, Chairman and Deputy Dean of Mechanical Engineering College, Shanghai University of Electric Power

13:45 ~ 15:45
(120 minutes)

Parallel Session 4: Coordinated Control and Management of Urban Carbon Emission Reduction and Air Pollution Prevention

Venue: Lecture Theatre, 1F, Environment Philosophy Institute, BROAD Town

Organizer : *Energy Foundation China & Institute for Sustainable Communities*

The session will highlight the importance of implementing strategies which will both consider air pollution control and GHG emission reduction. Speakers from pilot cities with commitments for both air pollution control and emission-peaking will share their experiences and insights on the crucial elements needed to set-up the appropriate institutional arrangements and applicable mechanisms.

Chair:

Xuedu LU, Lead Climate Change Specialist, Asian Development Bank

Keynote speakers:

- **Ji ZOU**, President, Energy Foundation China
- **Pan TAO**, Technical Director, Institute for Sustainable Communities
- **Qiang ZHANG**, Professor, Tsinghua University
- **Tao HU**, Director, China Program, World Wildlife Fund (WWF)

Speakers:

- **He CAI**, Director, Zhejiang Center for Climate Change and Low-carbon Development Cooperation
- **Xiu YANG**, Head of Policy and Regulation Department, National Center for Climate Change Strategy and International Cooperation

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- **Xiangzhao FENG**, Deputy Director & Associate Professor, Climate Change Policy Research Division, Policy Research Center for Environment and Economy, Ministry of Environment and Ecology
 - **Zhiyu TIAN**, Deputy Director of Energy Efficiency Division, Energy Research Institute, National Development and Reform Commission
 - **So-Young Lee**, Research Manager, Sustainability Governance Centre, Institute for Global Environmental Strategies (IGES)
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15:45 ~ 16:15

Afternoon Break

(30 minutes)

Venue: Workshop #5, BROAD Town

16:15 ~ 17:45

“Hot Pot” with Low-Carbon Technology Providers (World Café Style)

(90 minutes)

Venue: Workshop #5, BROAD Town

Organizer: Asian Development Bank and Umore Consulting Ltd

A fast-paced and dynamic networking session offering a unique opportunity to meet and learn more about various low-carbon technology providers who are breaking into the Asian market with innovative technologies and business models in PRC and around the world.

Co-Chairs:**Peter duPont**, Consultant, Asian Development Bank**Rong XU**, Founder & CEO, Umore Consulting Ltd.**Table hosts:**

- **Sietse Agema**, Chief Technology Officer, Amsterdam Waste Environmental Consultancy & Technology (Netherlands) and **Harvey LUO**, Kangda (PRC)
 - **Robin Hughes**, Founder, Clean Vehicles Solutions Asia (Thailand)
 - **Som Narayan**, Co-founder and CEO, Carbon Masters (India)
 - **Wilma Rodrigues**, Founder and CEO, Saahas Zero Waste (India)
 - **Thida Kheav**, Co-founder and CEO, Solar Green Energy (Cambodia)
 - **Min Chan Win**, Managing Director, Myanmar Eco Solutions (Myanmar)
 - **Chunguang WANG**, Founder and CEO, EQuota Energy (PRC)
 - **Dan Millison**, Consultant, Reephrock
 - **Weihong ZHAO**, America Regional General Manager, BROAD Group
 - **Xia LI**, Founder, Shenzhen Power Solution (PRC)
 - **Mark LIANG**, CTO, Beijing Warmland Energy Service Co. Ltd.
 - **Jianbin WU**, CEO and **Yuebo SHI**, Senior Economist/Partner, Tahoe Electric
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- **Tianyue HE**, Vice President, Eversource Science and Technology
- **Amit Singh**, General Manager/Director, CBS Power Solutions (Fiji)
- **Yongping LIU**, Chairman, Zhonghai Runda New Material Technology
- **Edward ZHANG**, Co-Founder, Shenzhen Shenqing New Material
- **Will ZHANG**, Director, GM of Oversea Division of Willfar Information Technology Co. Ltd. (subsidiary of Waison Group)
- **Jing REN**, Investment Director of Investment and Financing Department, Sinocom-Wanke (PRC)
- **Jan Maurer**, Managing Director and CEO, WISY AG
- **Nabeel Siddiqui**, Founder, ModulusTech (Pakistan)
- **Diyaz Baiseitov**, Founder, Kuntech (Kazakhstan)
- **Wenfeng Wang**, Assistant President and Central China General Manager of ENN Energy (PRC)

18:15 ~ 20:15 **Welcome Banquet (Buffet)**
 (120 minutes) Venue: Mediterreanean Club, BROAD Town

DAY 2–25 OCTOBER, THURSDAY

8:00 ~ 8:45 **Registration**
 (45 minutes) **Venue: BROAD Town**

7:30 ~ 8:30 **New Energy Leaders Breakfast Meeting**
 (60 minutes) **(by invitation only)**
Venue: TBC

8:45 ~ 10:30 **Parallel Session 5: Regional Technology Cooperation**
 (105 minutes) Venue: Scottish Classroom, 1F, Environment Philosophy Institute, BROAD Town
Organizer: Administrative Centre for China's Agenda 21 (ACCA21)

The session will present cases wherein economically viable regional low-carbon technology cooperation, both at government level and private sector led, has been successfully facilitated and accelerated, either by the right national and local policies and strategies, or by support from international and multi-lateral agencies. Speakers will discuss policies, strategies, ongoing initiatives, experiences and challenges, for promoting regional technology cooperation that results in sustainable mutual economic benefits and better quality-of-living, along with lower GHG footprint.

Chair:

Sasank Goli, Principal Consultant, Ecogy Cleantech

Speakers:

- **Jing HUANG**, Director General, Administrative Centre for China's Agenda 21 (ACCA21)
- **Minxiang MA**, Deputy Director, China-ASEAN Innovation Centre
- **Jiutian ZHANG**, Professor, Beijing Normal University
- **Yiyang SHEN**, Managing Director, Green Route Capital
- **Guofeng DONG**, Division Director, International Center on Small Hydro (ICSHP)
- **Yehuda Yarmut**, Program Director, Strategic and Industry Collaboration, Nanyang Technological University (Singapore)
- **Shoaib Ahmad**, Deputy Director (Coord), SAARC Regional Energy Center (Pakistan)

8:45 ~ 10:30
(105 minutes)

Parallel Session 6 : Clean Heating and Cooking

Venue: Golden Hall, 1F, Environment Philosophy Institute, BROAD Town

Organizer : Building Energy Research Center, Tsinghua University (PRC)

The session will highlight challenges and opportunities for mainstreaming clean heating and cooking systems, based on experience in the PRC and other developing countries. Presentations will cover case studies from Mongolia the PRC, as well as from ADB project experience, renewable resources and technologies for space heating and process heat, and potential synergies for heating and cooking systems.

Chair:

Dan Millison, Clean Energy Investment Advisor (Consultant), Asian Development Bank

Speakers:

- **Ming SHAN**, Assistant Professor, Department of Building Science, Tsinghua University
 - **Einar Runar Magnusson**, VP Business Development, Arctic Green Energy
 - **Shengheng XU**, Chairman, Ever Source Science and Technology
 - **Guangcai GONG**, Professor, College of Civil Engineering, Hunan University
 - **Shengheng XU**, Chairman, Ever Source Science and Technology
 - **Guangcai GONG**, Professor, College of Civil Engineering, Hunan University
 - **Pil-Bae Song**, Consultant, Asian Development Bank
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- **Tong LU**, President, Jiashu Consulting
 - **Batbaatar Batkhoo**, Officer, Department of Green Development Policy & Planning, Ministry of Environment and Tourism (Mongolia)
 - **Anjie TIAN**, Deputy Party Secretary/General Manager, Changsha Urban Construction Investment Development Group Co., Ltd.

8:45 ~ 10:30
(105 minutes)

Parallel Session 7 : Low Carbon Industry Parks

Venue: Dean's Conference Room, 3F, Environment Philosophy Institute, BROAD Town

Organizer : Green Development League of National Economic & Technological Development Zone and Hunan International LCT Exchange Center

This session will highlight best practices, and emerging technologies for the development of low carbon industrial parks. At the end of the session, the audience will learn about successful strategies, and challenges in developing and operating low carbon industrial parks. Key enabling government policies and regulations that drive low carbon industrial parks developments will also be discussed.

Chair:

Xinyi LIU, Deputy Director, TEDA Eco Center

Speakers:

- **Jia YU**, Director of International Development Cooperation, Centre for New Structural Economics, Peking University (PRC)
- **Ninette Pajarillaga**, Environment Specialist, Asian Development Bank
- **Zhiguo JIN**, Deputy Director, Industrial Development Bureau, Xiangtan High Tech Industrial Development Zone
- **Shiwei GENG**, Environmental Protection Bureau, Tianjin Economic Technological Development Zone
- **Wei DU**, Bureau Assistant, Economic Development Bureau of Liuyang Economic Technological Development Zone
- **Jun LUO**, Deputy General Manager, SUS Environment
- **Shufeng DONG**, General Manager, R&D Center, Sinocom-Wanke, Zhejiang University - Wanke New Energy Joint Research Center
- **Jianbin WU**, CEO, Tahoe Electric

8:45 ~ 10:30
(105 minutes)

Parallel Session 8 : Role of Carbon Markets in Promoting Energy Conservation and Low Carbon Technology Development

Venue: Lecture Theatre, 1F, Environment Philosophy Institute, BROAD Town

Organizer : Alliance of Carbon Emissions Trading (ACET-CECA)

This session will look at what role carbon markets have played and will be playing in driving the promotion of low carbon technologies in the region. Cases wherein carbon finance and carbon market initiatives have successfully encouraged and accelerated the installation of low-carbon technologies will be highlighted.

Chair:

Renhu TANG, General Manager SinoCarbon Innovation & Investment Co., Ltd

Opening Remarks:

- **Juntao ZHANG**, Deputy Secretary General, Alliance of Carbon Emissions Trading (ACET-CECA)

Keynote Speech:

- **Zhiqiang XU**, Former Deputy Director, National Energy Conservation Center

Speakers:

- **Zhongkui SONG**, Secretary General, China Energy Conservation Association
- **Sheng ZHOU**, Chief Executive Officer, International Copper Association China
- **Ongonsar Purev**, Senior Environment Officer, Asian Development Bank
- **Cyril Cassisa**, Coordinator of China ETS Project, Environment and Climate Change Unit, International Energy Agency (IEA)
- **Renato Roldao**, Consulting Director, ICF Incorporated (PRC)

10:30 ~ 11:00 (30 minutes)	Morning Break Venue: Workshop #5, BROAD Town
11:00 ~ 12:30 (90 minutes)	“Hot Pot” with Low-Carbon Technology Enablers/Platforms (World Café Style) Venue: Workshop #5, BROAD Town <i>Organizer: Asian Development Bank and Umore Consulting Ltd</i>

A fast-paced and dynamic networking session offering a unique opportunity to meet and learn more about various low-carbon-focused service providers, think tanks and other organizations who are supporting the growth of the low-carbon economy in PRC and around the world.

Co-Chairs:

Peter duPont, Consultant, Asian Development Bank

Rong XU, Founder & CEO, Umore Consulting Ltd.

Table hosts:

- **Xiaoli WANG**, China-ASEAN Innovation Centre
- **Zhicheng XU**, New Energy Business Unit, Changsha Chengtou Energy Development Co., Ltd.
- **Xian ZHANG, Bingxing YI and Xiaoyu LIU**, Administrative Centre for China's Agenda 21 (ACCA21) **Xian ZHANG, Bingxing YI and Xiaoyu LIU**, Administrative Centre for China's Agenda 21 (ACCA21)
- **Geraint FENG**, Deputy Head, Clean-tech Transfer Division, TEDA Eco Center
- **Megan YU**, External Relations Manager, Institute of Sustainable Communities China
- **Yonghai CHEN**, Partner & Designer, Umore Consulting Ltd.
- **Junkai ZHOU**, Project Manager, Export-Import Bank of China (Hunan Branch)
- **Yunyun PENG**, International Cooperation Department, China Development Bank (Hunan Branch)
- **Jana Corrina Gorski**, Cluster Portfolio Manager for Sustainable Urbanisation, Transportation, Energy, GIZ
- **Raymond Hoe**, Director, Scott Brownrigg
- **Lerwen LIU**, Senior Advisor, King Mongkut's University of Technology Thonburi (KMUTT), Thailand
- **Tarun Tayal**, Additional General Manager, Energy Efficiency Services
- **Juntao ZHANG**, Deputy Secretary General, Alliance of Carbon Emissions Trading (ACET-CECA) and **Michelle WANG**, Program Manager, International Copper Association Asia
- **Renato Roldao**, Consulting Director, ICF Incorporated
- **Ki-Joon Kim**, Principal Transport Specialist, SDCC-TRA, Asian Development Bank
- **Na Won Kim**, Senior Environmental Specialist, EASI, Asian Development Bank
- **Susumu Yoneoka**, Energy Specialist (Smart Grids), and **Dan Millison**, Consultant, Asian Development Bank
- **Anupma Jain**, Senior Urban Development Specialist, Asian Development Bank
- **Biao HUANG**, Senior Investment Specialist, Private Sector Operations Department, Asian Development Bank
- **Walter GE**, Founder, Green Startups Accelerator

- **Yang LI**, Director of Strategy and Consultation, Hunan International LCT Exchange Center
- **Can ZENG**, COO, and **Kefei LU**, Deputy General Manager, Guizhou Tellhow-Treasurecarbon Smart Energy Exchange
- **Yong XU**, Director, Innovative Low Carbon Development Center, Hunan (HILCC)

12:30 ~ 14:00 (90 minutes)	Lunch Break Venue: Mediterreanean Club, BROAD Town
14:00 ~ 16:00 (120 minutes)	Plenary 3: Green Finance: Delivering Projects Venue: Workshop #5, BROAD Town

This session will invite both public and private financial institutions including multilateral development banks and development finance agencies, commercial banks, and equity funds to share their experience on identifying green projects, and addressing the additional green cost through green finance. Speakers will also discuss key challenges and solutions to balance sustainability and bankability in delivering green projects.

Chair:

Andreas Honcamp, Principal Project Manager, Sector Division Urban Development and Mobility East Asia, KfW Development Bank

Panelists:

- **Dipal Barua**, Founder & Chairman, Bright Green Energy Foundation (Bangladesh)
- **Peter Ling-Vannerus**, Chief Representative, Skandinaviska Enskilda Banken AB (Sweden)
- **Ernest Navaratnam**, Chief Executive Officer, CENERGI Malaysia
- **Biao HUANG**, Senior Investment Specialist, Private Sector Operations Department, Asian Development Bank
- **Michael WANG**, Director, Sustainable investment, Alternatives, Deutsche Asset Management (Hongkong) Limited, DWS

16:00 ~ 16:30 (30 minutes)	Afternoon Break Venue: Workshop #5, BROAD Town
16:30 ~ 17:30 (60 minutes)	Closing Plenary Venue: Workshop #5, BROAD Town

Chair:

Fan Zhang, Chairman, Innovative Low Carbon Development Center, Hunan

Part 1: Closing keynote (15 minutes)

Shi WANG, Founder and Honorary Chairman of the Board, China Vanke Co., Ltd.

Part 2: Summary and Closing remarks (45 minutes)

- **Xiuhong GUO**, Deputy Director General, Hunan Provincial Department of Finance
- **Zi TANG**, Deputy Director, Development and Reform Commission of Hunan Province
- **Yongping ZHAI**, Chief of Energy Sector Group, Asian Development Bank

18:00 ~ 20:00 (120 minutes)	Dinner Venue: Mediterreanean Club, BROAD Town
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DAY 3 – 26 OCTOBER (FRIDAY)

9:00 ~ 12:30	Site visit to Sany Group Smart Factory (details to be confirmed)
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12:30 – 14:00 (90 minutes)	Lunch Venue: Mediterreanean Club, BROAD Town
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14:00 ~ 18:00	Site visit to BROAD Group Organic Farm and Mini Sky City (J-57) (details to be confirmed)
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18:00 ~ 20:00	Dinner Venue: Mediterreanean Club, BROAD Town
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DATE/TIME 日期/时间	23 OCT/10.23 (TUE)周二	24 OCT/10.24 (WED)周三	25 OCT /10.25 (THU)周四	26 OCT/10.26 (FRI)周五				
8:00 – 8:30	PARTICIPANT ARRIVAL DAY/ REGISTRATION N 参会嘉宾 抵达/注册	REGISTRATION 注册	REGISTRATION 注册		Hosted Factory or Project Visits by selected local enterprises 由选定的本地 企业组织 参观工厂或 项目			
16Oct 12nn 8:30 – 8:45								
8:45 - 9:00								
9:00 - 10:30			<p>OPENING PLENARY 开幕式</p> <ul style="list-style-type: none"> - Welcome Remarks 欢迎辞 - Keynote Speech 主旨演讲 - Special Event 特别仪式（签约、发布式等） 	<p>Regional Technology Cooperation 区域技术合作</p> <p><u>ACCA21</u></p>		<p>Clean Heating and Cooking 清洁供暖与炊事</p> <p><u>Building Energy Research Center, Tsinghua University</u></p>	<p>Low Carbon Industry Parks 低碳工业园区</p> <p><u>Green Development League of NETDZs and Hunan International LCT Exchange Center</u></p>	<p>Role of Carbon Markets in Promoting Energy Conservation and Low Carbon Technology Development 碳市场促进节能和低碳技术发展</p> <p><u>Alliance of Carbon Emissions Trading ACET-CECA</u></p>
10:30 - 11:00			MORNING BREAK (30 minutes) 茶歇（30分钟）					
11:00 - 11:10	MORNING BREAK (10 minutes) 茶歇（10分钟）	<p>“HOT POT” WITH LOW-CARBON TECHNOLOGY ENABLERS/ PLATFORMS (World Café Style)</p> <p>Finance institutions, platform and others host a table and present their services and projects to potential partners.</p> <p>“火锅”派对——服务机构（世界咖啡模式）</p> <p>金融机构、平台机构、其他机构主持一张桌子，向潜在的合作伙伴展示。</p>	<p>High Level Roundtable igh Level Energy Leaders Roundtable</p>					
11:10 - 12:30	<p>Plenary 2 主论坛 2</p> <p>Part 1: High Level Panel Discussion 高端对话</p> <p>Part 2: New Energy Leaders</p>							

12:30–13:45	LUNCH BREAK (90 minutes) 午餐 (90 分钟)				LUNCH BREAK (90 minutes) 午餐 (90 分钟)	Lunch (by invitation only) 能源领袖圆桌午餐 (仅限邀请)	LUNCH (90 minutes) 午餐 (90 分钟)
13:45 - 14:00	Coordinated Control and Management of Urban Carbon Emission Reduction and Air Pollution Prevention 温室气体减排与大气污染防治系统效应研究 <u>EFC & ISC</u>						
14:00 - 15:30	Opportunities and challenges of innovative technologies in Green Urban Mobility 交通 <u>GIZ</u>	Green Buildings 绿色建筑 <u>Hunan University</u>	Circular Cities: Creating Low Carbon Urban Environments 推广城市循环经济最佳实践 <u>ICLEI</u>	Plenary 4 : Green Finance: Delivering Projects 主论坛 4: 资本如何助力技术和项目落地	Hosted Factory or Project Visits by selected local enterprises 由选定的本地企业组织参观工厂或项目		
15:30–15:45	AFTERNOON BREAK (30 minutes) 茶歇 (30 分钟)						
15:45 - 16:00	AFTERNOON BREAK (30 minutes) 茶歇 (30 分钟)				AFTERNOON BREAK (30 minutes) 茶歇 (30 分钟)	CLOSING PLENARY 闭幕式 - Closing keynote 闭幕式主旨演讲 - Closing remarks 闭幕致辞 - Summary of plenaries and track sessions 主旨论坛和边会总结	
16:00 - 16:15	HOT POT” WITH LOW-CARBON TECHNOLOGY PROVIDERS (World Café Style)Technology companies host a table and present what they are looking for to potential partners. Connecting Local and International Companies “火锅”派对——技术（世界咖啡模式） 技术公司主持一张桌子，向潜在合作伙伴展示，对接本地和国际公司						
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17:45 - 18:00				
18:15 - 20:00		WELCOME BANQUET 欢迎晚会	DINNER	DINNER