

STEPPING UP CLIMATE ACTION

ASIA-PACIFIC CLIMATE WEEK

EVENT GUIDE

10-13 July 2018

Resorts World Convention Center
Sentosa Island | SINGAPORE

Jointly Organised by:



IETA
CLIMATE CHALLENGES
MARKET SOLUTIONS

IGES
Institute for Global
Environmental Strategies

**UNEP DTU
PARTNERSHIP**



United Nations
Climate Change



WORLD BANK GROUP
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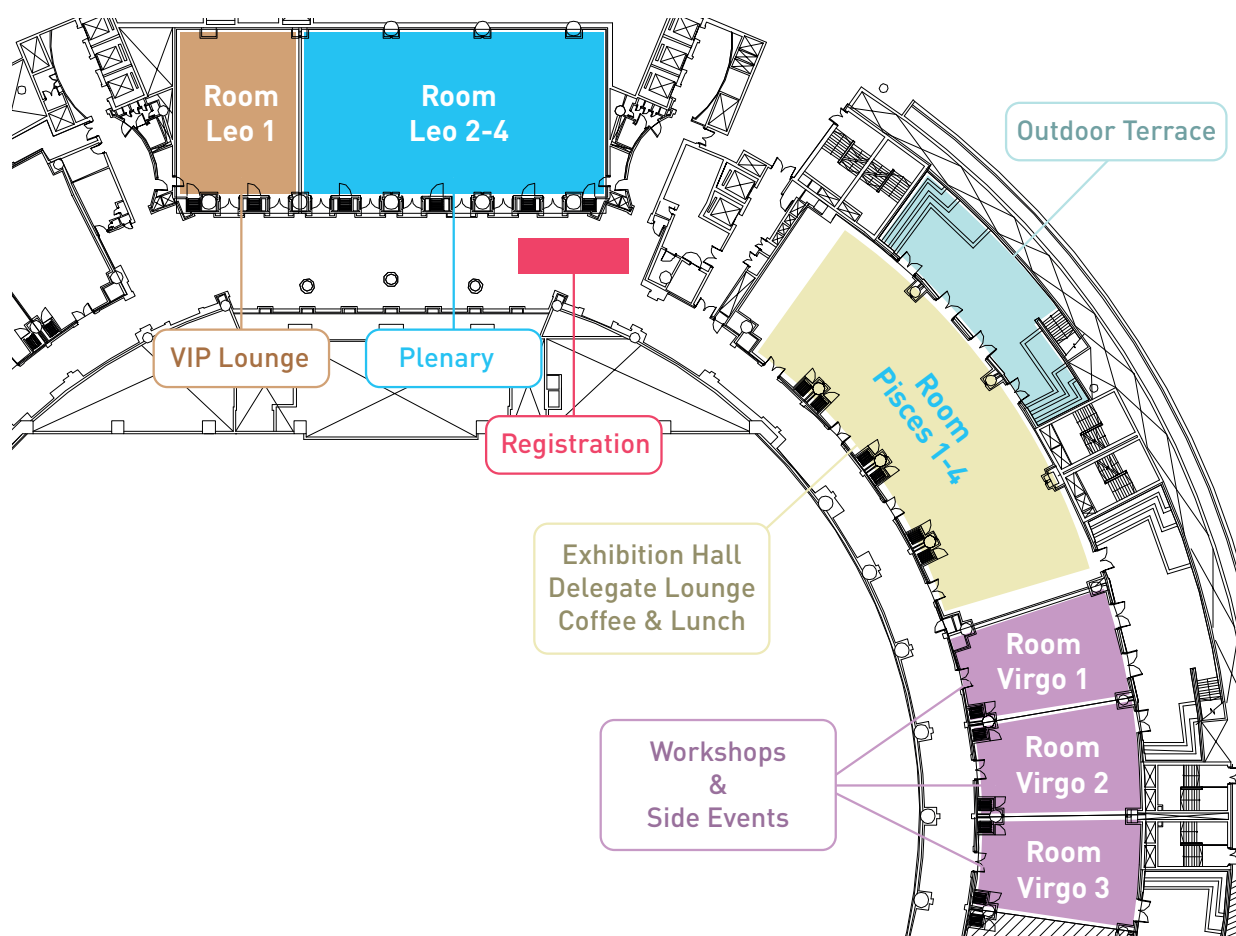


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Patricia Espinosa
Executive Secretary
UNFCCC

Dear Asia-Pacific Climate Week Participants,

It is my pleasure to welcome you to the 2018 Asia-Pacific Climate Week.

There is no question that the Asia-Pacific region will play a vital role in the future of the world's economy. This also makes it a region where growth and sustainable development can be shaped, which is one of the reasons why this Climate Week is so important.

It's a chance for all of us to hear about the challenges we face in addressing climate change and, most importantly, the solutions that are being accelerated to overcome those challenges.

In this context, the Asia-Pacific Climate Week is harvesting stories for consideration in the official climate negotiation process, as part of the Talanoa Dialogue. I urge us to make the most of this.

Finally, I would like to extend my sincere thanks to the Government of Singapore for hosting us, and to the members of the Nairobi Framework Partnership for all their efforts in making this event a success.

Patricia Espinosa

Legend:

- Marrakech Partnership Meeting
- Asia Pacific Climate Week 2018 High Level Segment (HLS)
- Asia Pacific Carbon Forum 2018 Plenaries (P)
- Asia Pacific Carbon Forum 2018 Workshops (WS)
- Asia Pacific Carbon Forum 2018 Side Events (SE)
- * Subject to modifications

TUESDAY, 10 July

09:30	Marrakech Partnership for Global Climate Action Meeting (Part 1)	Room Virgo 2
13:00	Break	
14:00	Marrakech Partnership for Global Climate Action Meeting (Part 2)	Room Virgo 2
18:00		

WEDNESDAY, 11 July

08:00	Registration & Visit the Exhibition	
09:00	Asia-Pacific Climate Week 2018 High Level Segment Opening Ceremony	
09:30	HLS 1: Visions for Nationally Determined Contribution (NDC) Enhancement and Implementation	
11:00	Coffee Break & Visit the Exhibition	
11:30	HLS 2: Transport in Cities – Parties and Non-Party Stakeholders Working Together to Deliver Low Carbon Urban Mobility	
13:00	Lunch Break & Visit the Exhibition Room Pisces 1-4	<div> SE 1: Development of Projects: Tips Gained Through the Joint Crediting Mechanism (JCM) Experience Organised by OECC Room Virgo 1 </div> <div> SE 2: Re-Imagining Global Carbon Markets Organised by CRX Room Virgo 2 </div>
14:00	HLS 3: Aligning Financial Markets for Climate Action in Asia Pacific	
15:30	Coffee Break & Visit the Exhibition	
16:00	HLS 4: The Role of Markets in Delivering Climate Action in the Asia Pacific Region	
17:30	Break & Visit the Exhibition Room Pisces 1-4	<div> SE 3: How Environmental Trades Drive Change and Climate Finance in Asia Pacific: Past, Present, Future Organised by Shell Environmental Products Trading Room Virgo 1 </div> <div> SE 4: Carbon Pricing and Policy Packages for Driving Energy Transitions Organized by IEA & WBG Room Virgo 2 </div>
18:30	Asia Pacific Climate Week 2018 Cocktail Reception	
19:30	Hard Rock Pool Lounge Bar	

THURSDAY, 12 July

08:30	Registration & Visit the Exhibition	
09:00	P1: Carbon Pricing in the Asia Pacific	
10:30	Coffee Break & Visit the Exhibition	
11:00	WS 1: Regional Solutions for the Asia Pacific to Meet the Enhanced Transparency Framework Room Virgo 1	WS 2: Enabling Waste-to-energy, Reuse and Prevention Solutions to Achieve Circular Economy and Boost Climate Action Room Virgo 2
12:00	Short Break	
12:15	WS 3: Markets in the Paris Agreement: Fostering Action in Asia Room Virgo 1	
		12:30

THURSDAY, 12 July (Cont.)

13:00	Lunch Break & Visit the Exhibition Room Pisces 1-4	SE 5: Emerging Carbon Market Approaches in Light of NDC Implementation Organised by GIZ, India (13:00-14:00) Room Virgo 2	SE 6: Accelerating Action in Asia Pacific Towards Climate-Resilient Development Organised by RED CROSS (13:30-14:30) Room Virgo 3
14:00		14:00	WS 4: Data to Drive Climate Action and Energy Transitions in Cities Room Virgo 2
14:30	WS 5: Carbon Revenues and the Future for Asian Markets Room Virgo 1		
15:30	Short Break		
15:45	WS 6: Emissions Trading: The Traders' Story Room Virgo 1	15:45	WS 7: Strategies to Reach Scale: Adaptation and Climate-Resilient Initiatives in Coastal Zones Room Virgo 2
16:45	Coffee Break & Visit the Exhibition Room Pisces 1-4		
17:15	WS 8: The Role of Multilateral Development Banks in Operationalizing Article 6 of the Paris Agreement Room Virgo 1	17:15	WS 9: Digitising Sustainability: Blockchain for Climate Action Room Virgo 2
18:15	SE 8: Certified Carbon Emission Transaction (CCET) Project: Innovative Road Map Based on Blockchain Organised by CPE Cell		
19:15			Room Virgo 3

FRIDAY, 13 July

08:30	Registration & Visit the Exhibition		
09:00	WS 10: Unlocking Opportunities for NDC Enhancement and Implementation Room Virgo 1	09:00	WS 11: South-South and Technological Cooperation for Climate Action and Sustainable Development Session I: Experiences, Opportunities and Challenges of South-South and Triangular Cooperation in Asia Pacific Region Room Virgo 2
10:00	Short Break		
10:15	WS 12: Maximizing Benefits in Achieving Global Climate Goals Room Virgo 1		
11:15	Coffee Break & Visit the Exhibition Room Pisces 1-4		
11:45	WS 13: Australia & New Zealand - What's up Down Under? Room Virgo 1	11:45	Session II: Advancing SSC for Effective Implementation of Paris Agreement and Sustainable Development Room Virgo 2
12:45	Lunch Break & Visit the Exhibition Room Pisces 1-4	SE 9: UNFCCC Tools to Facilitate NDC Implementation Organised by UNFCCC (13:00-14:00) Room Virgo 2	SE 10: Potential for a Regional Carbon Market in Asia Pacific Organised by IGES (13:00-14:00) Room Virgo 3
14:00	WS 14: Just Transition of Workforce and Creation of Decent Work and Quality Jobs: Opportunities and Challenges Room Virgo 1	14:00	WS 15: Legal Preparedness for Climate Finance Room Virgo 2
15:00	Short Break		
15:15	WS 16: Climate Technologies Room Virgo 1	15:15	WS 17: The China Emissions Trading System (ETS) Half a Year After the Launch Room Virgo 2
16:15	Coffee Break & Visit the Exhibition Room Pisces 1-4		
16:35	P 2: Talanoa Dialogue on Green Financing & Asia Pacific Climate Week 2018 Closing Addresses		
18:00			Room Leo 2-4

TUESDAY, 10 July

09:30 **Marrakech Partnership for Global Climate Action Meeting**

18:00

Room Virgo 2

The Marrakech Partnership for Global Climate Action supports implementation of the Paris Agreement by enabling collaboration between governments and the cities, regions, businesses and investors that must act on climate change. Its mission is to strengthen collaboration between governments and key stakeholders to immediately lower emissions and increase resilience against climate impacts. These actions are to be guided by the long-term goals of the Paris Agreement and undertaken in the context of the 2030 Agenda for Sustainable Development. The Marrakech Partnership meeting in Singapore will focus on informing stakeholders on milestones of the UNFCCC process and the support to climate action and discuss how to enhance collaboration and deepening engagement with stakeholders in the Asia-Pacific region.

WEDNESDAY, 11 July

08:00 Registration & Visit the Exhibition

09:00 **Asia-Pacific Climate Week 2018 High Level Segment Opening Ceremony**

09:30

Room Leo 2-4

High-level officials from the host country and supporting organizations will set the scene by painting a canvas depicting the current key issues for how the Asia-Pacific region will become fully aligned with the Paris Agreement.

Facilitator

Steve Chao

Senior Correspondent, Al Jazeera

Speakers

H.E. Minister Masagos Zulkifli

Ministry of the Environment and Water Resources, Singapore

Patricia Espinosa

Executive Secretary, UNFCCC

Welcome Address

Michał Kurtyka

President-Designate of COP24, Poland

H.E. Ambassador Luke Daunivalu

Lead Negotiator, Fiji

Bambang Susantono

Vice President, Knowledge Management and Sustainable Development, Asian Development Bank (ADB)

09:30 **HLS 1: Visions for Nationally Determined Contribution (NDC) Enhancement and Implementation**

11:00

Room Leo 2-4

Immediately after the adoption of the Paris Agreement by COP 21 and entry into force November 2016, the focus and gear shifted towards the implementation of NDCs which was originally envisioned to start from 2020 resulting in a gain of 3-year lead time. This generated groundswell momentum and response from the governments as well as non-State actors to implement NDCs. This session will aim to respond to the following questions:

- What are the emerging policy developments and opportunities that bring transformational progress to NDC implementation and how can these be realized?
- How to ensure that the current and subsequent NDCs align, to extent possible, with the necessary pathways defined by science? To that end, do country see long-term low emission development strategies as a tool that guides the development pathways in a sustainable manner with NDCs as one of the key vehicles?
- How can countries take opportunity and make use of policy developments coming out of the intergovernmental processes to their advantage?

Moderator

Steve Chao

Senior Correspondent, Al Jazeera

Speakers

Patricia Espinosa

Executive Secretary, UNFCCC

Stefanos Fotiou

Director, Environment and Development Division
United Nations Economic and Social Commission for Asia
and the Pacific (UN ESCAP)

Bambang Susantono

Vice President, Knowledge Management and Sustainable Development, Asian Development Bank (ADB)

Maria Mendiluce

Managing Director, WBCSD

Tan Kok Yam

Deputy Secretary, Smart Nation and Digital Government
Office, Prime Minister's Office, Singapore

11:00 Coffee Break & Visit the Exhibition

Room Pisces 1-4

11:30 HLS 2: Transport in Cities – Parties and Non-Party Stakeholders Working Together to Deliver
13:00 Low Carbon Urban Mobility

Room Leo 2-4

The fight against climate change will be won or lost in cities, so making urban mobility low carbon, universal and resilient is essential to tackling climate change and making cities attractive and successful. Parties that adopted the Paris Agreement however, cannot do this alone - successful implementation requires concerted action between Parties and non-Party stakeholders. This event will explore the current status and necessary steps to scale up action on urban mobility to tackle climate change in the Asia Pacific region and how Parties and non-Party stakeholders can improve and accelerate action.

Keynote Address

H.E. Thani Ahmed Al Zeyoudi, Minister of Climate Change and Environment for the United Arab Emirates

Moderator

Steve Chao, Senior Correspondent, Al Jazeera

Speakers

H.E. Lim Jock Hoi, Secretary General, ASEAN

Tomasz Chruszczow, High Level Champion, Poland

Mohamed Mezghani, Secretary General, UITP

Dechen Tsering, Regional Director, UN Environment in Asia and the Pacific

Eric Nietsch, Associate Director, Corporate & Infrastructure Ratings, S&P Global Ratings, Singapore

Talya Enriquez Romano, Chief Operating Officer, SLoCaT

Eric Grab, Vice President, Strategic Anticipation, Innovation & Sustainable Development, Michelin

Sun Muqian, Chairman, TAILG

13:00 Lunch Break & Visit the Exhibition

Room Pisces 1-4

14:00 HLS 3: Aligning Financial Markets for Climate Action in Asia-Pacific
15:30

Room Leo 2-4

There is strong global momentum to transition to a low-carbon and climate-resilient economy following the entry into force of the Paris Agreement and the adoption of the UN SDGs. Countries in Asia and the Pacific have multi-trillion-dollar requirements to finance climate friendly, sustainable and resilient infrastructure in the coming years. While the Asian banking sector has played the major financing role, stricter capital adequacy requirements, maturity mismatches and perceived risks may have constrained lending to green investments. Mobilizing institutional investors' resources can be a "game changer". In response, the UN Climate Change Secretariat has initiated the Green Investment Catalyst (GIC) process. The panel aims to summarise the results of the GIC, discuss details of emerging initiatives, and provide a roadmap towards implementation of regional financing platforms.

Moderator

Adam Cotter, Head of Asia and Chief Representative, Singapore, Official Monetary and Financial Institutions Forum

Speakers

Paul Curnow, Director of Climate Finance, Baker McKenzie

Herry Cho, Director, Head of Sustainable Finance, Asia Pacific, ING

Woochong Um

Director General, Sustainable Development and Climate Change Department, Asian Development Bank

Angela Naneu Churie Kallhauge, Senior Climate Change Specialist, World Bank Group

Clifford Polycarp, Deputy Director and Head of Programs, Green Climate Fund

15:30 Coffee Break & Visit the Exhibition

Room Pisces 1-4

16:00 HLS 4: The Role of Markets in Delivering Climate Action in the Asia Pacific Region
17:30

Room Leo 2-4

As countries prepare for the implementation of their nationally determined contributions, several nations in the Asia Pacific region are consolidating, launching, developing or considering market-based approaches. This session will look at what role carbon markets are playing in driving climate action in the region. A panel of experts will reflect on progress to date and upcoming developments at different levels, including: domestic and subnational action, regional carbon market initiatives and international implications.

Moderator

Dirk Forrister, President & CEO, International Emissions Trading Association (IETA)

Speakers

Cherie Nursalim, Vice Chairman, Giti Group, Singapore & ICC Board Member

Venkata Ramana Putti, Program Manager, Carbon Markets and Innovation, World Bank Group

Seoyoung Lim, Senior Manager, Department of Climate Change Action, Korea Environment Corporation (K-eco), Republic of Korea

Assaad Razzouk, CEO, Sindicatum

Kes Shotam, Co-Founder & Executive Vice-Chairman, Climate Resources Exchange International & CRX CarbonBank

Preety Bhandari, Director, Climate Change and Disaster Risk Management Division, Asia Development Bank (ADB)

18:30 Asia Pacific Climate Week 2018 Cocktail Reception

Hard Rock Pool Lounge Bar

THURSDAY, 12 July

08:30 Registration & Visit the Exhibition

09:00 **P1: Carbon Pricing in the Asia Pacific**

10:30

Room Leo 2-4

This plenary session will present the latest development of carbon pricing initiatives in the Asia Pacific region. Asia has been at the forefront of the wave of new carbon taxes and emissions trading systems at the national, subnational and transnational levels. What is next for the region? How to further expand, deepen, and connect existing domestic carbon pricing instruments? While at the same time learning from early movers and apply the lessons learned throughout the region.

Moderator**Venkata Ramana Putti**

Program Manager, Carbon Markets and Innovation, World Bank Group

Speakers**Benedict Chia**

Director Strategic Issues, National Climate Change Secretariat (NCCS), Strategy Group, Prime Minister's Office, Singapore

Duan Maosheng

Professor, Tsinghua University & Director, China Carbon Market Center (CCMC)

Pathom Chaiyapruksaton

Senior Project Manager, Pilot Thailand V-ETS, Thailand Greenhouse Gas Management Organization (TGO)

Vivek Adhia

Director, Climate and Energy Program, World Research Institute (WRI)

Yuji Mizuno

Director, Climate and Energy Area, Institute for Global Environmental Strategies (IGES)

Preeti Bhandari

Director, Climate Change and Disaster Risk Management Division, Asian Development Bank (ADB)

Sara Moarif

Head of the Environment and Climate Change Unit, International Energy Agency (IEA)

10:30 Coffee Break & Visit the Exhibition

Room Pisces 1-4

11:00 **WS 1: Regional Solutions for the Asia Pacific to Meet the Enhanced Transparency Framework**

12:00

Room Virgo 1

The Paris agreement calls for an enhanced transparency framework. Tracking progress of parties in achieving their commitments is critical not only for the achievement of the Agreement goals, but also in assisting countries in putting in place efficient climate policies, prioritizing areas where action is most needed and where climate finance would deliver best outcomes. Among the challenges faced in the implementation of initiatives are the need to account for the specific needs of each country and for their special circumstance. This session will present the progress of the negotiations on the ETF just few months before the Paris rulebook is due, present the current capacity building initiatives on transparency both for action and support, challenges faced, opportunities and progress in the countries so far.

Moderator**Fatima-Zahra Taibi**, Senior Advisor, UNEP-DTU Partnership**Speakers****Jigme**, Team Lead, Mitigation, Data and Analysis, UNFCCC**Melissa Low**, Research Fellow, Energy Studies Institute, National University of Singapore**Santhosh Manivannan**

Assistant Director International Policy, National Climate Change Secretariat (NCCS), Strategy Group, Singapore

Amjad Abdullah, Director General and Head of Climate Change and Energy Department, The Maldives**Albert Magalang**, Chief, Climate Change Division, Environmental Management Bureau, DENR, Philippines11:00 **WS 2: Enabling Waste-to-Energy, Reuse and Prevention Solutions to Achieve Circular Economy and Boost Climate Action**

12:30

Room Virgo 2

This session will focus on waste-to-energy, industrial waste reuse and prevention solutions as integral parts to achieving a circular economy and the associated triple win: economic, environmental and employment. With the help of high impact case studies/examples, currently available technological solutions and innovative approaches for waste-to-energy and waste reuse/prevention that are actionable in the short term for the Asia Pacific region will be discussed. Participants are expected to also discuss and share experiences on the necessary policy environment, best practices in fostering partnerships and need of financial, technical and capacity building resources for the replication and upscaling of abovementioned solutions.

Moderator**Rene van Berkel**

Representative and Head of the Regional Office, India, UNIDO

Opening Remarks**Dinara Gershinkova**

Vice-Chair, UNFCCC Technology Executive Committee (TEC)

Speakers**Abhisek Bansal**

Head of Sustainability, Arvind Limited

Brahmanand Mohanty

Independent Energy and Resource Management Expert

Solomone Fifita

Manager, Pacific Centre for Renewable Energy and Energy Efficiency (PCREEE)

Thitiporn Pech-audom

Asia Biogas

12:00 Short Break

12:15 WS 3: Markets in the Paris Agreement: Fostering Action in Asia

13:15

Room Virgo 1

The Paris Agreement Rulebook is expected to be adopted at COP24 taking place at the end of the year. The Rulebook will outline crucial rules and implementing details needed to bring to life the Article 6's market provisions. This session - featuring government officials, UNFCCC negotiators, private sector representative and experts - will review the latest state of play in the UNFCCC negotiations and will explore the implications for the growth of carbon markets in the Asia Pacific countries.

Moderator**Stefano De Clara**

Director International Policy, International Emissions Trading Association (IETA)

Thomas Forth

Senior Expert and Advisor

Federal Ministry for the Environment, Nature Conservation, and Nuclear Safety (BMU), Germany

Speakers**Anshari Rahman**

Assistant Director, International Policy, National Climate Change Secretariat (NCCS), Strategy Group, Prime Minister's Office, Singapore

Vinod Kesava

Co-Founder & CEO, Climate Resources Exchange International & CRX CarbonBank

Buddika Hemashantha

CEO, Climate Smart Initiatives

13:00 Lunch Break & Visit the Exhibition

Room Pisces 1-4

14:00 WS 4: Data to Drive Climate Action and Energy Transitions in Cities

15:30

Room Virgo 2

Cities are at the front-line of the energy transition. Two-thirds of the world's energy is consumed in cities while its communities are facing the impacts of climate change. These figures will continue to increase as cities grow and urban economic activity expands. More than half of the world's population live in cities, with the Asia Pacific region urbanising at a rapid rate. To ensure Asia Pacific cities are transitioning to low-carbon, resilient communities and economies, climate change data and transparency are necessary to empowering local governments to take evidence-based and accelerated action for energy transitions. Many cities are already leading the way, setting ambitious targets and implementing bold plans, such as deployment of renewable energy and enhancing energy efficiency. This session will focus on opportunities to drive this further, and explore the role that data can play in transforming our cities.

Moderator**Steve Chao**, Senior Correspondent, Al Jazeera**Stefanos Fotiou**, Director for Environment and Development, UNESCAP**Speakers****Tomasz Chruszczow**, High Level Climate Champion, Poland**Sara Moarif**, Acting Head of the Environment and Climate change Unit, International Energy Agency (IEA)**Assaad Razzouk**, CEO, Sindicatum**Simon Hansen**, Director of Regions, C40 - Cities Climate Leadership Group**14:30 WS 5: Carbon Revenues and the Future of Asian Markets**

15:30

Room Virgo 1

As more countries are seeing big benefits in revenues from Carbon Pricing, governments at national and subnational levels around the world continue to prepare for, and implement these profitable initiatives to curb their emissions while raising revenues. This session would explore how these mechanisms helped governments raise billions in 2017 in carbon pricing revenues from allowance auctions, direct payments to meet compliance obligations, and carbon tax receipts and what this could mean for the Asian region.

Moderator**Angela Nanau Churie Kallhauge**

Senior Climate Change Specialist, World Bank Group

Speakers**Hanh Dang**

Co-Founder and Managing Director, Energy and Environment, Consultancy Joint Stock Company

Sandeep Roy Choudhury

Head – Originations, VNV Advisory Services

Pathom Chaipruksaton

Senior Project Manager, Pilot Thailand V-ETS, Thailand Greenhouse Gas Management Organization (TGO)

Renato Roldao

Consulting Director, ICF

Perumal Arumugam

Programme Officer, SDM, UNFCCC

15:30 Short Break

15:45 WS 6: Emissions Trading: The Traders' Story

16:45 Room Virgo 1

Trading is an essential component of an ETS - it is effectively the key to unlock the cheapest abatement options and to unleash the efficiency of market based mechanisms. Yet, often carbon markets around the world fail to generate enough liquidity to unlock the potential of emissions trading. This session will bring together experienced carbon traders to look at lessons learnt and best practices in carbon trading, as well as the most common obstacles and problems witnessed in carbon markets around the world.

Moderator**Andrei Marcu**

Senior Fellow, International Centre for Trade and Sustainable Development (ICTSD)

Speakers**Amy Zhang**

Director, Ginga Environment (S), Singapore

Gloria Ka Yin Kwan

Director – Strategy & Development, China Light & Power

Soon Hyuck Jung

Managing Director of CCET Project, CPE Cell

Manish Dabkara

Managing Director, EnKing International

15:45 WS 7: Strategies to Reach Scale: Adaptation and Climate-Resilient Initiatives in Coastal Zones

17:15 Room Virgo 2

There has been an increasing recognition of the fact that successful adaptation solutions to the impacts of climate change are often thought and designed at the local level. However, when they are taken to scale these solutions can lose connection to the lived experience. Striking the balance between reaching scale and retaining community empowerment is a challenge. This session will explore ways to bring coastal zone communities' resilience agendas to scale so they become more widely adopted and lead to transformative impacts. It will focus on how to bridge the gap between the local, subnational, and national levels, and on the complementary roles of formal and informal institutions, focusing on ways to connect communities to higher-level policy, technical assistance and information for effective adaptation support.

Moderator**Steve Chao**

Senior Correspondent, Al Jazeera

Speakers**Youssef Nassef**

Director, Adaptation Programme, UNFCCC

Donna Lagdameo

Senior Policy Adviser and Asia Pacific Focal Point, Red Cross, Red Crescent Climate Centre

Rima Al-Azar

Global Climate Governance Coordinator, FAO

Andi Eka Sakya

Principal, Agency for Assessment and Application of Technology

Benjamin William

Secretary General / CEO, Singapore Red Cross

Tomasz Chruszczow

High Level Climate Champion, Poland

Stefanos Fotiou

Director for Environment and Development, UNESCAP

16:45 Coffee Break & Visit the Exhibition

Room Pisces 1-4

17:15 WS 8: The Role of Multilateral Development Banks (MDBs) in Operationalizing Article 6 of the Paris Agreement

18:15 Room Virgo 1

Asia and the Pacific region has become the major contributor to the global GHG emissions but also offers immense potential for climate actions to mitigate such trends. While Art 6 of the Paris Agreement has instigated optimism for the use of market mechanisms for accomplishing ambitions under NDCs, there are many complex issues that need to be discussed among Parties to finalize the Paris Agreement rulebook by the end of 2018. MDBs have established a working group to share experience on market-related activities. This session will provide an introduction to the objectives and work plan of the MDB Working Group on Art 6.

Moderator**Anshari Rahman**

Assistant Director, International Policy, National Climate Change Secretariat (NCCS), Strategy Group, Prime Minister's Office, Singapore

Speakers**Andrei Marcu**

Senior Fellow, International Centre for Trade and Sustainable Development (ICTSD)

Chandra Shekhar Sinha

Lead Climate Change Specialist, World Bank Group

Virender Kumar Duggal

Principal Climate Change Specialist, Asian Development Bank (ADB)

17:15 WS 9: Digitising Sustainability: Blockchain for Climate Action**18:15**

Room Virgo 2

Blockchain technology has found its way into the fight against climate change. If we work hard, blockchain can help us achieve the scale of transformation required by Paris Agreement - and give us a chance to act at the required speed. Blockchain is no longer a concept restricted to the tech elite or a digital currency. The broader applications of this technology are being embraced, and expanded by the climate & development community. This workshop will explore how members of the panel and their organizations are using blockchain to tackle the climate challenge. It will showcase new developments in blockchain for climate action while working to enhance participant understanding about the potential of this new technology.

Moderator**Joseph Pallant**

Founder and Executive Director, Blockchain for Climate Action & Manager, Brinkman Climate

Speakers**Pierre Rousseau**

Senior Strategic Advisor, Sustainable Business, BNP Paribas

Gaurav Kwatra

Principal, Oliver Wyman

Xun Liu

Founding Partner, Xarbon Sustainability

Vinod Kesava

Co-Founder & CEO, Climate Resources Exchange International

Alexey Shadrin

Co-Founder, DAO IPCI and Evercity

FRIDAY, 13 July**08:30** Registration & Visit the Exhibition**09:00 WS 10: Unlocking Opportunities for NDC Enhancement and Implementation****10:00**

Room Virgo 1

This panel discussion will build on the high-level session on "Visions for NDC enhancement and implementation", and aim to bring out success stories, lessons learned by governments and non-State actors in working together on the implementation of NDCs. The panel will be invited to respond to the following framing questions:

- What are the opportunities and incentives for the governments and non-State actors to work together to implement NDCs in a most possible ambitious manner, and what is needed to further reinforce and strengthen these activities?
- What are the key implementation barriers in aligning the current and subsequent NDCs, to the extent possible, with the necessary pathways defined by science? And how can these barriers be removed?

Moderator**Stefanos Fotiou**

Director, Environment and Development Division

Speakers**Amjad Abdulla**

Director General, Ministry of Environment, Energy and Water, Maldives

Albert Magalang

Chief, Climate Change Division, Environmental Management Bureau, DENR, Philippines

Buddika Hemashantha

CEO, Climate Smart Initiatives

Perpetua Latasi

Director for Climate Change Policy and Disaster Coordination, Tuvalu

Rob Bradley

Director of Knowledge and Research, NDC Partnership

Longfei Li

Senior Manager, South-East Asia Office, Global Energy Interconnection Development and Cooperation Organization (GEIDCO)

Emily Oi Yen Tse

Malaysian Youth Delegation, YOUNGO

09:00
12:45**WS 11: South-South and Technological Cooperation for Climate Action and Sustainable Development**

Room Virgo 2

With entry into force of the Paris Agreement, countries move towards getting ready for its effective implementation. In the meantime, the UN system and UN Member States seek to put in place more integrated and coherent approaches towards the achievement of the SDGs and goals of the Paris Agreement. Supporting developing countries' nationally-determined actions to address climate change, the role of South-South and Triangular cooperation becomes more important. This workshop aims at enhancing the understanding of the potential of SSC and Triangular cooperation; and gain insight on how to make use of the complementary role it plays to overcome challenges and accelerate progress towards sustainable development and implementation of the Paris Agreement.

Welcome Addresses**Tomasz Chruszczow**

High Level Climate Champion, Poland

Patricia Espinosa

Executive Secretary, UNFCCC

Jorge Chediek

Secretary-General's, Envoy on South-South Cooperation and Director, UN Office for South-South Cooperation

Youba Sokona

Special Advisor on Sustainable Development & Vice-Chair of the Intergovernmental Panel on Climate Change (IPCC)

Dinara Gershinkova

Vice-Chair, UNFCCC Technology Executive Committee (TEC)

09:30 - 11:15 Session I: Experiences, Opportunities and Challenges of South-South and Triangular Cooperation in Asia Pacific Region

This session presents a look on what countries have learned so far on approaches, success stories, and challenges of South-South and Triangular cooperation, including technological cooperation in the Asia and Pacific region.

Moderator**Xiaohua Zhang**

Manager, Climate and Sustainability Programme, UN Office for South-South Cooperation

Speakers**Nur Masripatin**

Director General for Climate Change, Ministry of Environment and Forestry, Indonesia

Alysha Bagasra

TEC Member, Policy Officer, Climate Change Environmental Division, Ministry of Foreign Affairs and Trade, New Zealand

Surachai Sathitkunarut

Assistant Secretary General, National Science Technology Innovation Policy Office, Thailand

Upendra Tripathy

Secretary General, International Solar Alliance

11:45 - 12:40 Session II: Advancing SSC for Effective Implementation of Paris Agreement and Sustainable Development

This session will explore concrete ways, methodological aspects and relevant instruments that may be used to design, finance and implement South-South and Triangular cooperation initiatives. Speakers are encouraged to share their perspectives and insights on how to further advance cooperation, on the road towards the effective implementation of the Paris Agreement.

Moderator**Ariesta Ningrum**

Team Leader, Technology and Capacity Building (FTC) Programme, UNFCCC

Speakers**H.E. Ambassador Shahid Kamal**

Special Advisor, Commission on Science & Technology for Sustainable Development in the South (COMSATS), Pakistan

Ina Islam

Deputy Director, International Centre for Climate Change & Development (ICCCAD), Independent University, Bangladesh

Rima AlAzar

Global Climate Governance Coordinator, Climate Change and Environment Division, FAO

Mareer Mohamed Husny

TEC Member, Assistant Director, Climate Change Department, Ministry of Environment and Energy, Maldives

Natarika Wayuparb Nittiphon

Deputy Executive Director, Thailand Greenhouse Gas Management Organization

12:40 - 12:45 Closing Remarks

10:15 WS 12: Maximizing Benefits in Achieving Global Climate Goals

11:15 Room Virgo 1

This workshop will explore the consequences delaying near term climate action will have on the development of countries, and the benefits of following a path toward the long-term Paris targets that limits the rate of increase of global warming, reduces air pollution impacts on human health and avoids losses to agricultural productivity. The session will explore the application and benefits of the Multiple Benefits Pathway Approach currently being developed and tested by the Climate and Clean Air Coalition (CCAC) and its partners, with specific examples from Bangladesh and the Philippines.

Moderator**Elsa Lefevre**

Programme Manager, Climate and Clean Air Coalition Secretariat

Speakers**Dan McDougall**

Senior Fellow, Climate and Clean Air Coalition Secretariat

Albert Magalang

Chief, Climate Change Division, Environmental Management Bureau, DENR, Philippines

Tanvir Ahmed

Associate Professor, Department of Civil Engineering, Bangladesh University of Engineering and Technology (BUET)

Katie Ross

Associate, Climate Programme, World Resource Institute

Youba Sokona

Special Advisor on Sustainable Development & Vice-Chair of the Intergovernmental Panel on Climate Change (IPCC)

11:15 Coffee Break & Visit the Exhibition

Room Pisces 1-4

11:45 WS 13: Australia & New Zealand - What's up Down Under?

12:45 Room Virgo 1

Climate policy continues to evolve in Australia, with the latest proposal – a National Energy Guarantee – intended to spur investment in new power generation while responding to spiralling electricity prices. But with money running out for the Emissions Reduction Fund, how is the country faring on plans to meet its Paris Agreement target, and what are the longer term plans? Meanwhile, a change of government in New Zealand is set to see ambitions raised – what does this mean for business and the international carbon market?

Moderator**Brad Kerin**

General Manager, CMI

Speakers**Elisa de Wit**

Partner, Norton Rose Fulbright

John Carnegie

Executive Director, Energy and Infrastructure, Business New Zealand

Paul Curnow

Director of Climate Finance, Baker & McKenzie

Emily Spears

Environmental Products Originator, BP Energy Asia

Alysha Bagasra

Ministry of Foreign Affairs & Trade, New Zealand

12:45 Lunch Break & Visit the Exhibition

Room Pisces 1-4

14:00 WS 14: Just Transition of Workforce and Creation of Decent Work and Quality Jobs: Opportunities and Challenges

15:00 Room Virgo 1

When countries take actions towards low emission sustainable development, a deep economic and social transformation is required. This calls for managing impacts on workforce as some jobs will become obsolete, while others will need substitution and re-skilling. Just transition is a framework that addresses these impacts on the workforce. The objective of the workshop is to create awareness on this topic and how just transition is being addressed in international and regional context.

Moderator**Steve Chao**

Senior Correspondent, Al Jazeera

Speakers**Tomasz Chruszczow**

High Level Champion, Poland

Shoya Yoshida

General Secretary, ITUC Asia-Pacific

Albert Magalang

Chief, Climate Change Division, Environmental Management Bureau, DENR, Philippines

Pamela Mar

Director, Supply Chain Futures & Sustainability, Fung Management

14:00 WS 15: Legal Preparedness for Climate Finance

15:00 Room Virgo 2

This session will be about legal and regulatory options that can create 'readiness' for climate finance. It will discuss capacity building in the context of knowledge and "know how" pertinent to climate related risks and opportunities and financial/investment instruments.

Moderator**Robert Ondhowe**

Legal Officer, UN Environment

Speakers**Megan Bowman**

Associate Professor in Law, King's College, London

Ross Hilton

Senior Programme Manager, Department for Business, Energy and Industrial Strategy, UK

Takako Morita

Senior Counsel, Office of the General Counsel, Asian Development Bank

Camilla Fenning

Head of South East Asia Climate and Energy Network, Foreign and Commonwealth Office, UK

Manjulika Bhatia

Legal Specialist, Office of the General Counsel, Green Climate Fund (GCF)

15:00 Short Break**15:15 WS 16: Climate Technologies**

16:15 Room Virgo 1

Enhanced Access to Climate technologies will play a critical role in implementing the Paris Climate Agreement. In Asia, 79% of NDCs identify technology transfer and specific technology needs as a priority. This session will use examples from CTCN and UN Environment to explore how investing in climate technologies is supporting national actions on climate change. The session will identify key priority areas for further investments as well as key challenges in facilitating access to technology.

Moderator**Jukka Uosukainen**

Director, CTCN

Speakers**Alysha Bagasra**

Ministry of Foreign Affairs & Trade, New Zealand

Nur Masripatin

Special Advisor to the Minister of Environment and Forestry Indonesia

Mareer Mohamed Husny

Assistant Director, Climate Change, Ministry of Environment and Energy, Green Building, Maldives

15:15 WS 17: The China Emissions Trading System (ETS) - Half a Year After the Launch

16:15 Room Virgo 2

After the official announcement in December 2017, China is working at full speed to implement its national ETS. The system - twice the size of the EU ETS - will be phased in over three successive phases. Halfway through the first phase, this workshop will bring together a panel of experts to take stock of progress to date, and discuss the expected way forward and potential issues for the world's largest ETS.

Moderator**Stefano De Clara**

Director, International Policy, International Emissions Trading Association (IETA)

Speakers**Chen Zhibin**

Senior Analyst, Sino-Carbon Innovation & Investment

Renato Roldao

Managing Director, China, ICF

Xiaolu Zhao

China Climate Initiative Program Manager, Environmental Defense Fund (EDF)

Tony Gai

Founder & Director, Hengneng (Shenzhen) Investment & Development

16:15 Coffee Break & Visit the Exhibition

Room Pisces 1-4

P 2: Talanoa Dialogue on Green Financing

Room Leo 2-4

After the UNFCCC's launch of the Talanoa Dialogues earlier this year, they are now happening all around the world. They offer stakeholders a new way of participation in the UN climate policy process. The Talanoa asks us to put aside the traditional norms of advocacy and to share stories from real-world experience that illustrate our views. Looking at where we are, where we need to go and how will we get there, the Talanoa bridges differences to enable greater ambition. This interactive session will kick off with stories from invited speakers – then move into an open dialogue with participants. Please come with a story to share about your experience and an insight about reaching for higher ambition.

Moderator**Steve Chao**

Senior Correspondent, Al Jazeera

Key Addresses**Tomasz Chruszczow**

High Level Champion for COP 24, Poland

Joseph Teo

Chief Negotiator for Climate Change, Singapore

Speakers**Frank Joshua**

Chairman & CEO, The Carbon Asset Group

Dirk Forrister

President & CEO, International Emissions Trading Association (IETA)

Nur Syahirah Khanum Mohamed Fuad

YOUNGO Representative Malaysian Youth Delegation

Jiwoo Choi

Head of Financial Institutions and Structured Finance, Private Sector Facility, Green Climate Fund (GCF)

Asia Pacific Climate Week 2018 Closing Addresses

Room Leo 2-4

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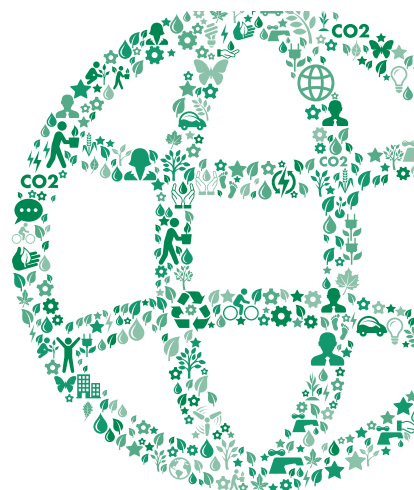
- JULY 11 | Side Event 2, meeting room Virgo: Reimagining the global carbon markets 1300 - 1400HRS
- JULY 11 | High-level ministerial on markets from 1600 - 1730HRS
- JULY 12 | Fostering market action for Article 6 from 1215 - 1315HRS
- JULY 12 | Digitizing sustainability: Blockchain for climate action: UNFCCC 1715 - 1815HRS



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HOW ENVIRONMENTAL TRADES DRIVE CHANGE AND CLIMATE FINANCE IN ASIA PACIFIC: PAST, PRESENT, FUTURE



We are delighted to invite you to a Shell side event hosted during the 2018 IETA Asia Pacific Carbon Forum held in Singapore.

The side event, **How environmental trades drive change and climate finance in Asia Pacific: past, present, future** will take place in the Resorts World Sentosa (Room Virgo 1) on Wednesday 11th of July, at 17:30h.

We will use this special session to introduce you to our Asia Pacific teams, who will share insights on the environmental solutions we can provide to your business, that can be tailored to your needs.

We look forward to meeting you.

Shell Environmental Products Trading

Date:
11th July 2018

Time:
17:30h – 18:30h

Venue:
Room Virgo 1
Resorts World Sentosa
8 Sentosa Gateway
Singapore

WEDNESDAY, 11 July

13:00 SE 1: Development of Projects: Tips Gained Through the Joint Crediting Mechanism (JCM) Experience

14:00 Organiser: Overseas Environmental Cooperation Center, Japan (OECC)

Room Virgo 1

The OECC has implemented the diffusion of leading low carbon technologies through the JCM, which contributes to taking low carbon development pathways in developing countries. As part of the Japanese Government program, the OECC has supported project development in countries such as Viet Nam, Mongolia, Cambodia, Lao PDR, Bangladesh, Myanmar, Mexico, Costa Rica, and Chile. To trigger project implementation towards enhancing NDC's level of ambition, what kind of aspects should we take into account in project design? Tips gained through the JCM experience will be shared by stakeholders of the JCM project and government officials from JCM partner countries.

Contact: **Yuriko Koyanagi**, Senior Researcher - koyanagi@oecc.or.jp

Moderator**Yuriko Koyanagi**

Researcher, OECC

Speakers**Masayoshi Futami**

Senior Researcher, OECC

Project participants of the JCM project**Government officials** from JCM partner countries**13:00 SE 2: Re-Imagining Global Carbon Markets**

14:00 Organiser: Climate Resources Exchange International (CRX)

Room Virgo 2

The objective is to explore opportunities for discovery into the "supernova" of the new carbon markets that will make a positive change in accordance with the Paris Agreement through public-private-partnerships. This workshop will involve the application of the 17 SDGs from project origination through to trade for purposes of both carbon neutrality and permanent emission reductions.

Contact: **Vinod Kesava**, CEO - v.kesava@climate-resources.com

Panel, Collaborators & Provision of Insights - An interactive discussion

Stefano De Clara (IETA), **Vinod Kesava**, **Donald Eubank**, **Kes Shotam**, **Nora Tan** (CRX), **Quek Leng Chuang** (ESA),

Rahul Kar (Ramboll) & **Jay Mariyappan** (Sindicatum)

17:30 SE 3: How Environmental Trades Drive Change and Climate Finance in Asia Pacific: Past, Present, Future

18:30 Organiser: Shell Environmental Products Trading

Room Virgo 1

Shell' Environmental Product Trading Team estimates almost 2 billion carbon credits, with a realised value circa \$20bn have been issued to emissions reduction projects in Asia Pacific since 2006, which highlights the climate finance driven into the region by carbon markets. While international carbon trading in the CDM and voluntary market has slowed in recent years, burgeoning carbon market mechanisms in China, Korea, New Zealand and Australia continue driving innovative and entrepreneurial contributions to climate action. What will the future look like? Come to hear and share some views and ideas, and enjoy some early-evening refreshments.

Contact: **Stephen Adamson**, Global Marketing & Advocacy Manager, Environmental Products - stephen.adamson@shell.com

Panelists/Hosts:**Rushan Pandya**

Regional Team Lead (South East Asia & Oceania
Environmental Products)

Tom Spooner

Business Development (South East Asia & Oceania
Environmental Products)

Andrew Gaballa

Originator (South East Asia & Oceania Environmental
Products)

Sonia Zou

Trader in Development (South East Asia & Oceania
Environmental Products)

Yee Jen Chan

Senior Trader (China, Japan, Korea & India Environmental
Products)

Jian Wei Lim

Origination (China, Japan, Korea & India Environmental
Products)

Duncan van Bergen

Project Lead, Nature Based Solutions

17:30 SE 4: Carbon Pricing and Policy Packages for Driving Energy Transitions

18:30 Organiser: International Energy Agency (IEA) & World Bank

Room Virgo 2

Carbon pricing is a critical policy driver for clean energy transitions. However, in the “real world” different jurisdictions face constraints in implementing carbon prices at sufficient levels to drive required changes. As no single policy can be a silver bullet, other policies need to complement carbon pricing. Furthermore, the “low” to “moderate” levels of carbon prices seen around the world enhance the role for complementary policy. This event will discuss the role of “moderate” carbon prices and the design of well-aligned policy packages in the real world to reach policy objectives. The IEA will present its analysis on the role of carbon pricing in policy packages and coordination of carbon pricing within the wider energy policy mix.

Contact: **Caroline LEE, IEA** Caroline.LEE@iea.org, **Carlos Cordova** - ccordova@worldbank.org

Moderator**Angela Naneu Churie Kallhauge**

Senior Climate Change Specialist, World Bank

IEA Presentation by **Sara Moarif**, Acting Head of the Environment and Climate Change Unit**To be determined**, Singapore Energy Market Authority**To be determined**, China**THURSDAY, 12 July****13:00 SE 5: Emerging Carbon Market Approaches in Light of NDC Implementation**

14:00 Organiser: GIZ India

Room Virgo 2

Contact: **Kundan Burnwal**, Technical Advisor on Climate Change - kundan.burnwal@giz.de

Moderator**Kundan Burnwal**

Technical Advisor on Climate Change - GIZ India

Virender Kumar Duggal

Principal Climate Change Specialist - Asian Development Bank (ADB)

Speakers**Thomas Forth**

Senior Expert and Advisor - German Ministry for the Environment, Nature Conservation, and Nuclear Safety (BMU)

Karan Mangotra

Area Convenor, International Implementation - TERI

Axel Michaelowa

Perspectives

13:30 SE 6: What is Working and What is Not for Accelerating Action in Asia Pacific Towards Climate-Resilient14:30 **Development** Organiser: Red Cross

Room Virgo 3

The Climate Resilience Roadshow will bring local voices and experiences where critical decisions on adaptation planning and resilience building investments are made. It is part of a series of interactive dialogues held throughout 2018 and 2019. These gatherings will have carefully curated invitee list to include those that are likely to take up the recommendations discussed into the design of new adaptation and resilience initiatives. The emphasis will be on a meaningful and frank discussion, highlighting achievements and programme results, critical factors for achieving change at scale. Dialogues will focus on what works, what doesn't, and what we do not know yet regarding:

(A) Structuring programmes to promote resilience building at scale;

(B) Channeling global and national finance flows for adaptation and resilience; and

(C) Addressing climate, humanitarian, and development goals while building resilience

Contact: **Donna Lagdameo** - lagdameo@climatecentre.org

Moderator**Steve Chao**

Senior Presenter, Al Jazeera

Andi Eka Sakya

Principal- Agency for Assessment and Application of Technology (for WMO)

Speakers**Rima Al-Azar**

Global Climate Governance Coordinator, FAO

Aynur Kadihasanoglu

Urban Lead, American Red Cross (for IFRC)

18:15 SE 8: Certified Carbon Emission Transaction (CCET) Project: Innovative Road Map Based on Blockchain

19:15 Organiser: CPE Cell

Room Virgo 3

CPE Cell Co., Ltd. is leading the field of CDM & Renewable Energy as only professional specialty developer in Korea. As a specialty developer, CPE Cell has been committed to preventing global warming by participating in GHG reduction projects for more than 2 decades. CPE Cell recognizes the enormous challenge of climate change, and focuses on the low-carbon economy in line with the goals of the Paris Agreement. CPE Cell has developed the new innovative road map based on blockchain system called the Certified Carbon Emission Transaction (CCET) Project to encourage the participation of general individuals for enhancing environmental protection. CPE Cell will dedicate all the more to commit aggressive actions by and for GHG mitigation and contribute to solve the related solutions which are achieved for the mission.

Contact: Jamie Lee, Chief Marketing Officer - jamie@cpecell.com

Moderator**Soon Hyuck Jung (Kenneth)**

Managing Director, CCET Project

Presentation**Jae Soo Yoo (Paul)**

Founder of CCET Project, CPE Cell

Opening speech**Jun Yeon Byun**

Chairman, CCET Project

FRIDAY, 13 July**13:00 SE 9: UNFCCC Tools to Facilitate NDC Implementation**

14:00 Organiser: UNFCCC Secretariat

Room Virgo 2

NDCs are key vehicles driving a sustainable, climate resilient and low GHG emissions development pathways. NAMAs can serve as an instrument that facilitates NDC implementation by translating the short- medium-term goals into concrete action plans for implementation. For robust planning and implementation of mitigation actions, it is critical to have a reliable and comprehensive information on GHG emissions, actions and support. This side event will showcase tools and applications maintained by the UNFCCC secretariat, including interim NDC Registry, NAMA Registry, GHG Data Interface and e-Network. The information has huge potential to inform development of low-emissions and climate resilient policies, including designing concrete implementation action plans and projects that respond to NDCs.

Contact: Jigme, Jihye Choi

Speaker:**Jigme**

Team Leader, Mitigation, Data and Analysis Programme, UNFCCC Secretariat

13:00 SE 10: Potential for a Regional Carbon Market in Asia-Pacific

14:00 Organiser: Institute for Global Environmental Strategies (CI-ACA)

Room Virgo 3

Carbon pricing can play a key role to support the implementation of a country's Nationally Determined Contribution (NDC). Over 40 countries and 25 sub-national jurisdictions, accounting for about 25% of global GHG emissions, are using carbon pricing as part of their climate mitigation strategies. Building on these ideas, this side-event aims to stimulate discussion on successful practices of carbon pricing in the region, identify best practices and explore opportunities to extend carbon pricing instruments to new jurisdictions in the region, and raise private sector participation by promoting countries' efforts towards a regional carbon market.

Contact: Yuqing Yu, Deputy Director, IGES Regional Centre - yu@iges.or.jp

Moderator**Luca Brusa**

Lead, Stakeholder and Regional Support Team, UN Climate Change Secretariat

Speakers**Suresh K.**

Director, Climate Change Programme Department, National Environment Agency, Singapore

Buddika Hemashantha

CEO, Climate Smart Initiatives

Yuji Mizuno

Director, Climate and Energy Area, Institute for Global Environmental Strategies

PITCH HUB SCHEDULE

	WEDNESDAY, 11 July	THURSDAY, 12 July	FRIDAY, 13 July
10:30		Stories of Resistance and Survival: Excavating New Climate Narratives By Beatrice C. Tulagan	
11:00			
11:00	The WaterNatural® Apparel Factory By Sanith de S. Wijeyeratne		
11:30			
11:15			Stakeholder Engagement in Addressing Climate Change By Vositha Wijenayake
11:45			
13:00	Meatless Monday: Addressing Climate Change Through Conscious Food Consumption By Vositha Wijenayake		
13:30			
15:30	Investing in resilience of communities in Asia: Imperative for NDCs By Sey Peou/ Jessica Dator-Bercilla		
16:00			

KNOWLEDGE CORNER SCHEDULE

	WEDNESDAY, 11 July	THURSDAY, 12 July	FRIDAY, 13 July
08:00	Asia Climate Change Consortium and Christian Aid	Energy Studies Institute, National University of Singapore	SLYCAN Trust
12:00			
13:00	The Hiniduma Bio Link Project	First Climate Markets AG	Infinite Solutions
17:00			



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Climate Resources Exchange International (CRX)

CRX is a multi-disciplinary consultancy serving energy management & resource management. We offer sustained cost reduction & revenue generation through carbon profiling, carbon change programs & CSR services. We help the Progressive navigate the carbon trail as their chosen path towards resource efficiency. CRX is an ecopreneurship of 18 years, with representatives in Singapore, Australia, Italy, Japan, Netherlands, Canada and the USA.

Our Mission: To increase your efficiency, bottom line & influence

Our Vision: A world where Sustainability is a way of life

About CRX: We bring you resilience & relevance by helping you gain vigilance & financial control over your resource use; by helping you make sustainable resource substitutes; with a range of Emissions Offsets that extends your influence into a world assailed by carbon-pollution.

CRX founders are Vinod Kesava, Kes Shotam and Tames Rietdijk, who pioneered the world's first online CDM-focused emissions reductions platform (2003). Their push to a sustainable future is augmented with Carbon Consulting Services and a Trading Platform.

Contact information: Vinod Kesava

Co-Founder & CEO | Email: v.kesava@climate-resources.com | www.climateresources.net



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

Federal Ministry for the Environment, Nature Conservation, and Nuclear Safety (BMU), Germany

The Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) is responsible for a range of government policies that are reflected in the name of the ministry itself. The ministry has been working over 30 years now to protect the public from environmental toxins and radiation and to establish an intelligent and efficient use of raw materials, to advance climate action and to promote a use of natural resources that conserves biodiversity and secures habitats.

The BMU uses a variety of instruments to fulfil its responsibilities:

1. A key responsibility is to prepare legislation in order to shape the legal framework in the policy areas referred to above. This includes preparing regulatory legislation and transposing EU directives into national law.
2. Funding research and development, supporting the market launch of innovative technologies
3. Close cooperation at national and international level
4. Communication for broad public participation and acceptance

Contact information: Thomas Forth

Senior Advisor, European and International Climate Policy, New Market Mechanisms

Email: Thomas.Forth.Extern@bmub.bund.de | www.bmub.bund.de



Shell Environmental Products Trading

With operations in both compliance and voluntary emissions markets across the globe, Shell is one of the largest environmental products traders in the world. The team is active in key emissions trading markets with its four main hubs in London, Singapore, Shanghai and San Diego.

Globally we manage the compliance of Shell's own entities. This provides us with a unique perspective on the concerns and challenges faced in compliance markets. We currently work with over 250 counterparties from all over the world to whom we provide a comprehensive offering from fast and efficient trade execution to tailored structured risk management solutions. In voluntary markets, Shell provides customers with several options to achieve their net reduction ambitions for their carbon footprint. We hold an extensive portfolio of high-quality Nature Based Solution carbon credits sourced from projects around the world. These projects have been selected for their demonstrated climate and environmental benefits, as well as their positive impacts on local communities, including improving health and education, reduction in poverty and gender equality amongst others.

Contact information: Stephen Adamson

Global Marketing & Advocacy Manager, Environmental Products | Email: stephen.adamson@shell.com | www.shell.com

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K-DOE is a network of four Korean DOEs namely KEA, KFQ, KSA, and KTR. The business field of K-DOE includes validation, verification/certification of global GHG reduction projects such as CDM, JI, VCS, GS, and verification of corporate GHG inventory under the Korean ETS and Target Management Scheme.

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CPE Cell

CPE Cell develops CDM and new renewable energy products in cooperation with European partner companies with advanced technology and know-how for development new renewable energy, which is closely related to the climate. Carbon dioxide emissions which is increasing by the day lead to global warming, national environmental degradation and extensive climate change, and our goal is their prevention.

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Administrative support on a local form of alternative energy carried by administrative support program!

CDM development related to local conditions of alternative energy!

Contact information: Jamie Lee

Chief Marketing Officer | Email: jamie@cpecell.com | www.cpecell.com

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EnKing International (EKI)

EnKing International (EKI) is India's largest carbon credit developer and supplier, established in the year 2008, is the global provider of consultancy and training services in the sphere of energy, carbon credit & quality management. The company was brought into existence by Mr. Manish Dabkara, with an unmitigated determination to reduce carbon emissions and making the world a cleaner and a greener place to live in. The company has been working for the planet to produce positive outcomes and are a right answer to help you with all your sustainability issues. Through a reliable international network, EnKing International has been helping companies, project owners and individuals to trade their credits into the International Carbon Markets.

Contact information: Manish Dabkara

MD & CEO | Email: manish@enkingint.org | www.enkingint.org

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EPIC is a full scale UNFCCC DOE (Designated Operational Entity) for CDM / VCS/ GS/ CCBA/ REDD Mechanisms/ Social Carbon / Plan Vivo/ WCD etc. and Sustainability Assurance provider with more than one hundred technical resources. EPIC is accredited for all meth possible 14 sectors of CDM i.e. sector 1 to 11 and Sector 13 to 15. EPIC delivers professional, timely and competitively priced validation, verification and training services for CDM, VCS, GS, WCD, Social Carbon, Plan Vivo, CCBA, ISO 14064, REDD Mechanisms and AA 1000 Sustainability Assurance services with respect to various standards, guidelines and protocols pertaining to compliance and voluntary markets across the globe.

Contact information: Dr. Madhukar

EPIC Sustainability, Bangalore | Email: madhukar@epicsustainability.com
www.epicsustainability.com





Korea Research Institute on Climate Change (KRIC)

KRIC is an organization established to conduct mid-to-long-term climate change mitigation strategies through systematic R&BD on global climate change, and to conduct research on clean energy development and international climate change response research.

Contact information: Kyu-uk Lee

Carbon Expert Group / Researcher | Email: kyuuklee@kric.re.kr | www.kric.re.kr



Overseas Environmental Cooperation Center, Japan (OECC)

OECC has a diverse range of member organizations, including consulting firms, manufacturers and municipality-affiliated agencies. By engaging this broad network, OECC is uniquely positioned to effectively mobilize the technology and knowledge of Japan for global sustainable development. OECC has a long track record of successful collaboration with partner countries, and in city-to-city cooperation within Asia. It implements promotes a wide range of international cooperation projects, in close collaboration with government agencies such as the Ministry of the Environment of Japan (MOEJ) and the JICA, as well as international organizations including the ADB, the GEF, the UNU and the UNFCCC Secretariat.

Contact information: Yuriko Koyanagi

Researcher | Email: koyanagi@oecc.or.jp | www.oecc.or.jp



SinoCarbon Innovation & Investment

SinoCarbon Innovation & Investment Co., Ltd. (SinoCarbon) was founded in July 2010, with a registered capital of 30 million RMB. SinoCarbon is committed to becoming a leading integrated low-carbon service provider in China with a focus on pushing low carbon development in China through various innovative practices.

Contact information: Qian Guoqiang

Deputy General Manager | Email: qianguoqiang@sino-carbon.cn | www.en.sino-carbon.cn



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Contact information: Reetesh K Jain

Director – BD | Email: ritjain@truequalitycert.com | www.truequalitycert.com



VNV Advisory Services

VNV Advisory Services LLP is a boutique climate consulting and project management firm based out of India, specializing in community based emission reduction projects in South Asia. Being exposed to the most vulnerable communities in the region, it works in areas of low carbon projects for livelihood, health and education based programs. VNV OE's climate mitigation project portfolio spans over 1 million rural households in the region with technologies ranging from smokeless efficient cooking, solar lighting, biogas to cooking, pico hydro, biomass to power, sustainable agriculture, to drinking water access, rural waste management and social forestry.

Contact information: Sandeep Roy Choudhury

Head – Originations | Email: sandeep@vnvadvisory.com | www.vnvadvisory.com

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3	Asia Pacific Climate Week 2018 Knowledge Corner 8 Climate & Clean Air Coalition (CCAC)
6	Climate Resources Exchange International (CRX) 4 CPE Cell
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13	Institute for Global Environmental Strategies
1	International Emissions Trading Association
7	K-DOE
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8	UNEP DTU
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Ginga Environment

Ginga Environment was established in October 2007 to provide brokerage services for environmental products with a focus on the carbon emission and renewable energy market. As a subsidiary of Ginga Petroleum (S) Pte Ltd, a leading energy brokerage house in Asia, with branch offices in Tokyo, Geneva and Shanghai, we can leverage on our diverse global connections established within energy markets to optimize business opportunities in the rapidly growing CO2 and renewable energy Market world-wide.

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Director | Email: amy@ginga.com.sg | www.ginga.com.sg



Description of the Project used for APCW Carbon Offsetting

Xinjiang Jimunai CGN Phase I Wind Farm Project (UNFCC Reference CDM # 5289): Located in Jimunai County, Xinjiang Uygur Autonomous Region, China, the Jimunai Wind Farm Project boasts 33 wind turbines bearing a total installed capacity of 49.5MWp. The wind farm delivers 117,315 MWh of electricity annually to the Xinjiang Uygur Power Grid, an essential component of the Northwest China Power Grid, and is enough to supply 250 million people with renewable energy. The project will help to save 107,695 tonnes of carbon emissions each year. Furthermore, it affirms the viability of grid-connected renewable energy technologies and markets to strengthen energy security, improve air quality, create job opportunities for the local community during construction and operation phases of the wind farm, and generate financial revenues to facilitate local economic development and improve local livelihoods.



Asian Development Bank (ADB)

ADB's vision is an Asia and Pacific region free of poverty. Its mission is to help its developing member countries reduce poverty and improve the quality of life of their people. Despite the region's many successes, it remains home to a large share of the world's poor. ADB is committed to reducing poverty through inclusive economic growth, environmentally sustainable growth, and regional integration. Based in Manila, ADB is owned by 67 members, including 48 from the region. Its main instruments for helping its developing member countries are policy dialogue, loans, equity investments, guarantees, grants, and technical assistance.

Contact information: Virender Kumar Duggal, Principal Climate Change Specialist | Email: vkduggal@adb.org | www.adb.org



International Emissions Trading Association (IETA)

IETA is a non-profit international business organisation that promotes the establishment of a functional global framework for trading in greenhouse gas emission reductions. We seek to develop an emissions trading regime that results in real and verifiable greenhouse gas emission reductions, while balancing economic efficiency with environmental integrity. Established in 1999, IETA is the leading voice of the business community on the subject of carbon markets. IETA's members comprise over 140 companies from across the carbon trading spectrum, and who are active in jurisdictions where carbon pricing policies are in place, being implemented or considered.

Contact information: Lisa Spafford, Managing Director | Email: spafford@ieta.org | www.ieta.org



Institute for Global Environmental Strategies (IGES)

IGES is a collaborative research and outreach organisation working to accelerate the transition to a sustainable, resilient, shared, and inclusive Asia-Pacific region, both across borders and within the world at large. Established in 1998, we emphasise workable and inspired approaches to cross-cutting global development issues ranging from climate change, natural resources and ecosystems management, to sustainable consumption and production. IGES supports a regional and global network for ground breaking sustainable development research and practice.

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UNEP DTU Partnership (UDP)

Is a leading international research and advisory institution on energy, climate and sustainable development. As a UN Environment (UNEP) Collaborating Centre, it is an integral part of UNEP's Economy division and a participant in the planning and implementation of UNEP's Climate Change Strategy and Energy Programme. UNEP DTU provides in-depth research and capacity building across four main areas; Planning and Policy, Transparency and Accountability, Technology and Markets and Business models and Finance, focusing on achieving the Paris Agreement and the SDGs. The UDP is located in the UN City in Copenhagen, Denmark

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Senior Climate Change Expert | Email: ftaibi@dtu.dk | www.dtu.dk



United Nations
Climate Change

United Nations Framework Convention on Climate Change (UNFCCC)

In 1992, countries adopted the UNFCCC as a response to the problem of global warming. In 1997, they adopted the KP, strengthening the Convention by setting legally binding emission reduction requirements for 37 industrialized countries. The objective of both treaties is to stabilize GHG concentrations in the atmosphere at a level that will prevent dangerous human interference with the climate system.

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WORLD BANK GROUP
Climate Change

World Bank Group

The World Bank Group has set two goals for the world to achieve by 2030: end extreme poverty by decreasing the percentage of people living on less than \$1.90 a day to no more than 3%, and promote shared prosperity by fostering the income growth of the bottom 40% for every country. The World Bank is a vital source of financial and technical assistance to developing countries around the world. We are not a bank in the ordinary sense but a unique partnership to reduce poverty and support development. The World Bank Group comprises five institutions managed by their member countries.

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United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)

ESCAP is the regional development arm of the UN for the Asia-Pacific region. Made up of 53 Member States and 9 Associate Members, the region is home to two thirds of the world's population. This makes ESCAP the most comprehensive of the UN five regional commissions, and the largest body serving the Asia-Pacific region with over 600 staff. Established in 1947 with its headquarters in Bangkok, Thailand, ESCAP works to overcome some of the region's greatest challenges by providing results oriented projects, technical assistance and capacity building to member States.

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Climate & Clean Air Coalition (CCAC)

The CCAC is a voluntary partnership of governments, intergovernmental organizations, businesses, scientific institutions and civil society organizations committed to protecting the climate and improving air quality through actions to reduce short-lived climate pollutants. Our global network currently includes over 100 state and non-state partners, and hundreds of local actors carrying out activities across economic sectors.

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www.ccacoalition.org



United Nations Office for South-South Cooperation (UNOSSC)

The United Nations Office for South-South Cooperation (UNOSSC) was established to promote, coordinate and support South-South and triangular cooperation globally and within the United Nations system. UNOSSC, hosted by UNDP since 1974, was established by the UN General Assembly with a mandate to advocate for and coordinate South-South and triangular cooperation on a global and UN system-wide basis.

Contact information: Ajita Singh, Analyst, Climate and Sustainable Programme
Email: ajita.singh@unosscc.org | www.unsouthsouth.org

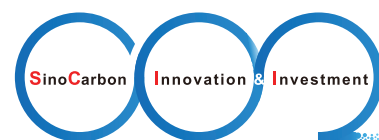


UN Environment

UN Environment is the leading global environmental authority that sets the global environmental agenda, promotes the coherent implementation of the environmental dimension of sustainable development within the United Nations system, and serves as an authoritative advocate for the global environment.

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Email: Robert.Ondhowe@unep.org | www.unenvironment.org

We would like to thank our APCW 2018 Supporting Organisations



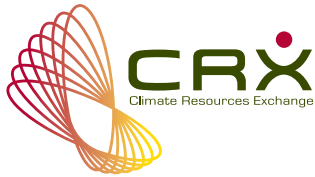
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