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United Nations Conference Centre | United Nations Building 13-15 December 2017 | Bangkok, Thailand

TOWARDS A REGIONAL ACTION AGENDA FOR ASIA-PACIFIC: COOPERATIVE CLIMATE ACTION & SPURRING INVESTMENT

Jointly Organised by:









In Collaboration with:







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Welcome to the 12th Edition of the Asia Pacific Carbon Forum!

Towards a Regional Action Agenda for Asia-Pacific: Cooperative Climate Action & Spurring Investment

Asia Pacific Carbon Forum 2017 (APCF 2017) is a leading annual carbon market event in Asia for climate finance, carbon markets and low carbon technologies.

This years' special edition is part of the Asia-Pacific Climate Week (APCW 2017), a series of annual "Climate Weeks" held in each region of the world to advance regional climate action through the promotion of market-based instruments and financing for climate action to scale-up ambition and achieve cost-effective mitigation and adaptation across the region. The overarching aim is to support implementation of countries' Nationally Determined Contributions (NDCs) under the Paris Agreement, identify opportunities for scale-up and explore the role of capital markets to finance the NDCs.

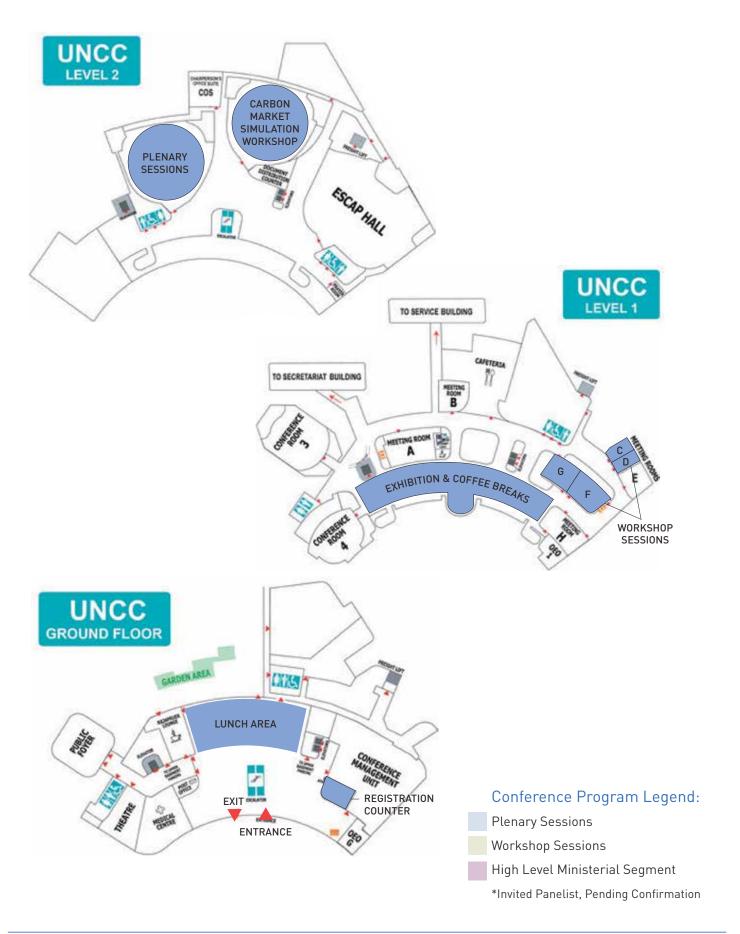
Drawing on the presence of ministers, senior policymakers, scholars, private sector leaders, practitioners, associations, project developers, finance experts and development partners from around the world, APCW 2017 will feature a series of events in Bangkok from 13 to 15 December, including the Asia Pacific Carbon Forum (APCF), workshops and roundtables on carbon trading systems and carbon pricing and finance for climate action, along with sector discussions on energy and industry, sustainable agriculture, oceans, urban development, and waste management. This is the first major climate event in Asia-Pacific region since the UN Climate Change Conference held in Bonn in November, and as such it will provide an opportunity to take stock of the outcomes and what they mean for the region.

APCW 2017 is co-hosted by the UN Economic and Social Commission for Asia and the Pacific (UNESCAP), the Thailand Greenhouse Gas Management Organisation (TGO) and the Ministry of Natural Resources and Environment (MNRE), and co-organised by the Asian Development Bank (ADB), International Emissions Trading Association (IETA), Institute for Global Environmental Strategies (IGES), the United Nations Framework Convention on Climate Change (UNFCCC), in collaboration with UNEP DTU, UNDP and the World Bank Group. The APCF 2017 is organised under the umbrella of the Nairobi Framework Partnership (NFP).

We hope you enjoy your time in Bangkok – and that the Asia Pacific Carbon Forum 2017 succeeds in helping you take stock of policy trends, envision new business opportunities and meet existing and new partners. See you in the corridors!

The APCF 2017 Co-Organising Partners

United Nations Conference Centre, United Nations Building Bangkok, Thailand



Day 1 - Wednesday 13th December

08:00 Registration & Visit the Exhibition

08:30 APCF 2017 Opening Ceremony

Conference Room 2

Welcome Address ESCAP

Hongjoo Hahm

Deputy Executive Secretary, UNESCAP

Welcome remarks UNFCCC

James Grabert
Director, UNFCCC

Welcome remarks ADB

Hideaki Iwasaki

Country Director, Thailand Resident Mission ADB

Welcome Remarks IETA Sungwoo Kim Board Member, IETA

Welcome Remarks TGO
Prasertsuk Chamornmarn

Executive Director, Thailand Greenhouse Gas

Management Organization (TGO)

09:15 P1 - Climate Action in the Asia-Pacific Region: A New Momentum

Conference Room 2

COP23 concluded less than a month ago in Bonn, Germany. It saw significant progress in accelerating the translation of the Paris Agreement into practical action on the ground. In particular the show of strength by the Marrakech Partnership for Global Climate Action, the realease of the Yearbook on Global Climate Action, the agreement on the launching of the Talanoa Dialogue. Under the leadership of Fiji, the first small island state to hold the COP presidency, and the first Asia-Pacific country to lead in this position for several years, the world now needs to build on the positive momentum from COP23 to accelerate climate action across a diversity of sectors and economies. This plenary session will take stock of key outcomes from COP23 and other recent landmark meetings, and set the scene for what can be done and who needs to take action to ensure that Asia-Pacific remains a leader in this crucial area.

Moderator Jay Mariyappan

Managing Director, Sindicatum

Speakers

Niclas Svenningsen Manager, UNFCCC

Michael Rantil

Chair, Technology Executive Committee (TEC)

Colin Sykes

Economic & Prosperity Counsellor British Embassy, Bangkok

Stefano De Clara

Director International Policy, IETA

10:30 Coffee Break & Visit the Exhibition

Foyer, Level 1

11:00 W1 - Building Resilience and Reducing Emission in the Agriculture Sector

Meeting Room F

Most developing countries in the region have identified measures to both strengthen the resilience of the agriculture sectors and reduce emissions from agriculture and land-use activities as part of their NDCs. Many countries identified the potential for the agricultural sectors to deliver adaptation-mitigation synergies, as well as economic, environmental and social co-benefits. The session aims to enhance understanding on ways to increase private sector investment into sustainable agriculture, with the aim to utilize the mitigation potential of the sector and strengthen food security at the same time.

Moderator Ben Vickers

Regional Programme Officer, UN-REDD, FAO

W2 - Updates on Carbon Markets in the Asia-Pacific

Meeting Room G

Carbon Markets are on the rise in the Asia Pacific region! Existing markets are being consolidated and are entering new phases - the Korean ETS is about the enter in its second phase and New Zealand has just finalised plans to reshape its 10-years-old ETS. At the same time new markets are emerging - China is about to launch its nation-wide system, Japan established a bilateral crediting mechanism and Singapore is implementing a carbon tax with the potential to evolve into an ETS. This session will track the latest developments in the Asia Pacific region.

Moderator Tom Lawler

Washington DC Representative, IETA

Speakers

Akarapon Houbcharaun

Senior Economist, Office of Agricultural Economics, Ministry of Agriculture and Cooperatives, Thailand

Alfred Rungol

Manager MRV

Climate Change & Development Authority, Papua New Guinea

Alicia Ilaga

Representative

ASEAN Climate Resilience Network

Rachel Zedeck

Director, Impact Investment Strategies and Climate Smart Agriculture, Control Union, Thailand

Address by

H.E. Shiro Sadoshima*

Ambassador

Embassy of Japan in The Kingdom of Thailand

Speakers

Aryanie Amellina

Analyst, Climate and Energy Area

Institute for Global Environmental Strategies (IGES), Japan

Jackson Ewing

Director of Asian Sustainability
Asia Society Policy Institute - Asia Society

Suzi Kerr

Senior Fellow

Motu Economic and Public Policy Research, New Zealand

Sandeep Roy Choudhury

Head - Originations, VNV Advisory Services, India

12:00 W3 - Decoding Article 6 of the Paris Agreement

Meeting Room F

COP23 was a key step in advancing the discussion on the operationalisation of Article 6 of the Paris Agreement, making significant progress towards the December 2018 deadline. Still, a lot of work needs to be done over the coming year and the coming months will be of key importance. Access to the market provisions outlined in Article 6 will be crucial for the achievement of many NDCs in the Asia Pacific region, and this session will look at the latest state of play and prospects for 2018.

Moderator

VK Duggal

Principal Climate Change Specialist ADB

Speakers

Stefano De Clara

Director, International Policy, IETA

Anshari Rahman

Assistant Director, International Policy National Climate Change Secretariat, Singapore

Frank Wolke

Head of Section, Emissions Trading Authority German Federal Environment Agency

Yuji Mizuno

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

Johan Nylander

Carbon Market Expert, ADB

Andrei Marcu (via videolink)

Senior Fellow, ICTSD

W4 - Cities of Tomorrow: Urban Planning for Climate Resilient Cities

Meeting Room G

Climate change poses a serious threat to sustainable urban development. By 2014, the global urban population had increased to 54 per cent, and it is projected to reach 66 per cent by 2050. City authorities are facing the challenge of finding ways to include both mitigation and adaptation strategies into their work. This is particularly relevant for Asia Pacific, where the effects of climate change are reflected in higher pressure on municipal infrastructure and increase in urban emissions. Hence. designing a consistent urban planning, capable of foreseeing the impacts of climate change and contributing to its mitigation, is a key element for a long-term path to a more sustainable development. This workshop will discuss urban planning, exploring its application in different urban sectors, such as construction of buildings, waste management and flood resilience.

Moderator

Curt Garrigan

Chief

Sustainable Urban Development Section, UNEP-SBCI

Keynote Address

Hon. Lorna Eden

Assistant Minister

Ministry of Housing, Fiji

Speakers

Rohini Balasubramanian

Director

Lotus Environmental Consultants

Nopanant Tapananont

Professor Emeritus in Urban Planning Chulalangkorn University

Visnu Charoen

Chief of Section, Department of Drainage and Sewerage, Bangkok Metropolitan Administration

13:00 Lu

Lunch Break & Visit the Exhibition

RT1 - Collaborative Instruments for Ambitious Climate Action (CI-ACA): Carbon pricing support in Asia Pacific

Meeting Room G

The roundtable will explore the level of discussion of carbon pricing in the region and the type of support that is available from different institutions. It will feature the UNFCCC-led initiative CI-ACA as well as the carbon pricing support programs from partner institutions such as the World Bank's Partnership for Market Readiness. Participants will discuss carbon pricing approaches which may be suitable in the Asia-Pacific context and explore existing opportunities to support domestic and regional efforts.

Moderator Luca Brusa

Team Lead, UNFCCC

Speakers Malin Ahlberg

European Climate and Energy Policy, New Market Mechanisms, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB), Germany

Venkata Ramana Putti

Program Manager, Carbon Markets and Innovation World Bank Group

James Grabert

Director, Sustainable Development Mechanisms UNFCCC

Laura Altinger

Climate Change Coordinator, UNESCAP

14:00 P2 - Towards 1.5°C - Enhancing Transparency of Action and Support

Conference Room 2

The Paris Agreement calls for an "enhanced transparency framework" for action and support, with "built-in flexibility" accounting for the needs of countries with less capability. However, the Agreement leaves many key questions to further negotiations, including how the Agreement's transparency framework relates to the global stocktake as well as the implementation and compliance mechanism. During COP 23, Parties put forward their vision for an enhanced transparency framework; their views are however diverse. This session takes stock of the negotiation outcomes and the views of Asian Pacific countries. It will discuss capacity needs in the region and the initiatives for capacity-building for an enhanced transparency framework. It will also draw on challenges faced and lessons learnt from implementation of MRV systems in Asian Pacific countries.

Moderator

Fatima-Zahra Taibi

Senior Advisor

UNEP-DTU Partnership

Speakers

Phirun Saiyasitpanich

Director of Climate Change Management Coordination Division, Office of Natural Resources and Environmental Policy and Planning, Thailand

Belinda Arunarwati Margono

Deputy Director, MRV and Land-Based Sector Registry Ministry of Environment and Forestry of Indonesia

Dorji Tshewang

Directorate GHG Inventory and MRV, National Environment Commission, Royal Government of Bhutan

Anshari Rahman

Directorate General Climate Change, National Climate Change Secretariat, Prime Minister's Office, Singapore

15:30 Coffee Break & Visit the Exhibition

W5 - Emissions Trading Systems (ETS) Simulation - For Smarter Market Design and Capacity Building

Conference Room 1

ETS have the potential to cap and cut climate pollution and spur investment in innovative technologies. The nature of these benefits is a function of program design, administration, and the aptitude of those who administer and are subject to the ETS. That's where EDF's carbon market simulation tool – CarbonSim – comes in. It is an artificial intelligence-enhanced application that teaches the principles of ETS. It provides policymakers, regulated companies, NGOs, and the public – with means to train key staff, gain risk-free experience, and collaborate to maximize program benefits. During this session you will manage a facility, implement a carbon portfolio management strategy, and measure performance against environmental and economic metrics. Through this collaborative and fun game, you will enhance your understanding of environmental markets. Delivered by EDF with support from the Asia Society Policy Institute.

IMPORTANT NOTE: Pre-registration required. Part 1 (45min is the training and explanation, unlimited) / Part 2 (1h15min, is the actually simulation, limited to 50 people actively participating). To register, please contact Josh, jmargolis@edf.org.

Co-Facilitators Joshua Margolis

Managing Director, Environmental Markets
Environmental Defense Fund (EDF)

Britt Groosman

Associate Vice President for Global Climate Environmental Defense Fund (EDF)

Minnie Minyoung Shin

Senior Program Officer, Sustainability Asia Society Policy Institute (ASPI) Tom Lawler

Washington DC Representative

Stefano De Clara

Director, International Policy

Meeting Room G

16:00 W6 - Options to Use the CDM in the Future Mechanism

This event will take stock of the recent negotiation outcomes about CDM, JI and Article 6 of the Paris Agreement and to deepen the discussion about the transition of CDM into the new mechanism and on the role that the Asia-Pacific

countries can have in supporting relevant negotiations.

Moderator Luca Brusa, Team Lead

UNFCCC

17:30

Opening and closing remarks Frank Wolke Chair, CDM Executive Board Speakers

Niclas Svenningsen Manager, UNFCCC

Ingo PuhlDirector Strategy
South Pole Group

17:30 VS - CarbonSim #2 - A Virtual Session (from 17:30 on the 13th December until 16:30 on the 14th December)

Exclusively for those that have been CarbonSim trained, but not able to actually join the Simulation. WiFi-enabled players will sign-on when and wherever they'd like. Results and winners announced and prizes awarded during Plenary 5 (Wednesday, 4 - 5 pm).

IMPORTANT NOTE: RSVP as space is limited. This virtual session can only accommodate up to 37 participants, each of which will run a virtual company that is subject to a virtual ETS. To register, please contact Josh, jmarqolis@edf.org

Facilitated
Joshua Margolis

Managing Director, Environmental Markets Environmental Defense Fund (EDF)

Day 2 - Thursday 14th December

08:00 Registration & Visit the Exhibition

09:00 P3 - The Power of Carbon Pricing & Cooperation in Asia-Pacific

Conference Room 2

Across Asia, national and local approaches to carbon pricing are growing and regional cooperative efforts (aka "Carbon Clubs") are expanding. By driving smart and deep GHG reductions while unlocking climate finance, these market solutions are being embraced by governments, business and civil society as key policy ingredients towards reaching - and potentially exceeding - country climate "contributions" under the Paris Agreement. Join this cross-sector Plenary of experts who will take stock of the latest regional carbon pricing developments, as well as reflect on opportunities for future growth and cross-border cooperation across Asia-Pacific and beyond.

Moderator Dirk Forrister President & CEO IETA

Speakers

Venkata Ramana Putti

Program Manager, Carbon Markets and Innovation World Bank Group

Sumon Sumetchoengprachya

Director, Carbon Business Office Thailand Greenhouse Gas Authority

Nguyen Quang Huy

Department of Energy Efficiency and Sustainable Development, Ministry of Industry and Trade, Vietnam

Malin Ahlberg

European Climate and Energy Policy, New Market Mechanisms, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB), Germany

Sung woo Kim

Regional Head of Climate Change & Sustainability KPMG Asia Pacific

10:30 Coffee Break & Visit the Exhibition

Foyer, Level 1

11:00 W7 - The Chinese National ETS Launch and the Way Forward in 2018

Meeting Room F

In the last month of 2017, a launch event is expected to be held by NDRC to officially kick-off the national ETS. What will be the final design of the national ETS, its cap, covered sectors in the initial phase and its long-term timeline? How's the preparation of the covered entitles, are they fully prepared or any further capacity buildings still urgently needed to address the challenges and obstacles? How can international entities been further involved into the process?

Moderator Stefano De Clara

Director, International Policy, IETA

Address by H.E. Lyn Jian*

Ambassador, Embassy of The People's Republic of China in The Kingdom of Thailand

Speakers

Xiaolu Zhao

Project Manager, China Climate Initiative Environmental Defense Fund, Beijing

Caspar Chiquet

Senior Commercial Project Manager BP, China

W8 - Role of Energy and Industry in Climate Action

Meeting Room G

Accelerating the promotion of clean technology options and innovative approaches in the energy and industrial sectors is critical for meeting the mitigation obligations countries have taken on under their nationally determined contributions (NDCs). Mobilizing large investments, among other things, will be key in such an acceleration. This workshop will thus examine the role that energy and industry sectors could play in countries' climate ambition as articulated through their NDCs. Further, it will showcase specific approaches that can contribute to realizing such ambition.

Moderator

Venkata Ramana Putti

Program Manager, Carbon Markets and Innovation World Bank Group

Speakers

Marcel Alers

Global Head of Energy UNDP

Enrico Rubertus

Director of the Nitric Acid Climate Action Group (NACAG) Secretariat GIZ, Germany

Liu Liang

Key Accounts Manager, Chinese Carbon Markets ICIS China

Mats Rinaldo

Private Sector Engagement Lead, CTCN & Principal Researcher, DNV GL

Michael Rantil

Chair

Technology Executive Committee (TEC)

12:00 W9 - Domestic Emission Trading System in Thailand

Meeting Room F

A key aspect of carbon pricing approach is the economic impacts, which guide the decision on whether an ETS is the best approach compared with other options such as carbon taxation and crediting mechanisms. Thailand is currently considering the option of implementing a national mandatory ETS. This would build upon its experience with voluntary emissions trading and would aim to drive significant decarbonisation in line with Thailand's commitment under the Paris Agreement. In this session, TGO will discuss its current ETS policy priorities and the activities underway to take these forward.

Moderator VK Duggal

Principal Climate Change Specialist ADB

Speakers

Sumon Sumetchoengprachya

Director, Carbon Business OfficeThailand Greenhouse Gas Office

Nattapong Puttanapong

Assistant Professor Thammasat University

Mark Johnson

Emissions Trading Scheme Expert ADB

W10 - Oceans & Coastal Zones

Meeting Room G

Protecting the health of our oceans and marine ecosystems is key to achieving the 1.5-degree target and strengthening resilience and sustainable development in Asia-Pacific. This workshop draws attention to the role of oceans for sustainable climate action: the urgency of enhancing regional collaboration to strengthen integrated ocean and climate governance and the need of identifying concrete opportunities for regional collaboration. It will discuss what can and must be done to protect our oceans' and coastal vegetation's capacity to balance our climate. It will explore the advances made in implementing blue carbon as part of countries' NAMAs, on-the-ground actions to foster adaptation and strengthen resilience of vulnerable fisheries and opportunities and needs for including coastal management actions in NDCs, showing synergies with the implementation of the 2030 Agenda.

Moderator

Miwa Kato

Programme Officer, UNFCCC

Keynote Address

H.E. Semi Koroilavesau

Minister for Fisheries

Ministry of Fisheries, Government of Fiji

Kaveh Zahedi

Deputy Executive Secretary UNESCAP

Speakers

Zulficar Mochtar

Chairman, Agency for Marine and Fisheries Research and Human Resources, Ministry of Marine Affairs and Fisheries, Indonesia

Maeve Nightingale

MFF Senior Program Manager

IUCN

13:00 Lunch Break & Visit the Exhibition

RT2 - Strengthening Regional Collaboration

Meeting Room G

The roundtable will discuss how to enhance regional collaboration in the Asia-Pacific region with the aim to strengthen the voice of the countries in occasion of future climate change negotiations and fora.

ModeratorJens RadschinskiLuca BrusaTechnical Officer

Team Lead, UNFCCC UNFCCC, Regional Collaboration Center Bangkok

Speakers Albert Magalang

Ariel Yu DNA Forum Co-Chair Asia-Pacific

Senior Policy Researcher and Task Manager, IGES DNA Philippines

Frank Wolke Chair

CDM Executive Board

14:00 P4 - Hunting for the Billions: Unlocking & Scaling Climate Finance in Asia

Conference Room 2

Finance for addressing climate change impacts and opportunities are at pace, but more is needed to achieve the Paris Agreement's ambition to decarbonize the global economy by mid-century. The session will engage on finance and investment needed in Asian markets, what is needed to address market barriers and constraints to unlock greater clean finance flows and investment at scale across Asia. Financial institutions are increasingly aware that the shift to a zero-carbon economy is irreversible. But the powers of inertia remain strong, 2018 is the year when a new impetus is given to unlocking the billions - and eventually trillions - of climate finance dollars.

Moderator Katie Sullivan

Managing Director, IETA

Speakers Jay Mariyappan

Managing Director, Sindicatum

Eduardo Ferreira

Senior Financial Specialist, World Bank Group

Vinod Kesava

Co-Founder & CEO

Climate Resources Exchange International (CRX)

Kavita Jadeja

Assistant Vice President, YES BANK

Pradeep Kurukulasuriya

Director, UNDP

15:30 Coffee Break & Visit the Exhibition

Foyer, Level 1

16:00 P5 - Long-Lasting Public-Private Partnerships: What is the Secret?

Conference Room 2

Conference Room 2

The long-term strategy that will eventually lead to a climate neutral world is starting to take shape. To be implemented at full strength, it must involve the World's most powerful economic forces: Businesses. The private sector is the main responsible for the creation of wealth, consumption as well as global investment, and has to pledge full compliance to the implementation of the transition to a low-carbon economy. Key public stakeholders could prove fundamental to trigger this process, helping to better identify the investment needs of the Region and allowing for the creation of regional synergies that involve both the public and the private sector. Building on these ideas, the Plenary will discuss how successful public-private partnerships can make a difference in Asia pacific, ensure public leadership and accountability in tackling climate change while allocating resources in an efficient way. The panel will have an interactive nature and is designed as moderated discussion. It will not require a power point presentation by the panelists; the panelists will answer the questions that the moderator will pose. Within the discussion, the moderator will also invite the audience to give comments or ask questions to the panelists.

Moderator

James Grabert

Director, UNFCCC

Keynote Address

H. E. Inia Seruiratu

Minister of Agriculture, Rural & Maritime Development and National Disaster Management, Government of Fiji

Speakers

Ampai Harakunarak

Chairman, BCSD Thailand

Jahan Chowdhury

Director, NDC Partnership

Mark Clough

CEO, Fiji Development Bank

Eelco Kruizinga

Senior Principal Consultant, DNV GL & Public-Private

Liaison Officer, CTCN

Arab Hoballah

Team Lead, SWITCH-Asia SCP Facility

17:15 **ACPF 2017 Closing Remarks**

High Level Climate Champion Closing Address

H. E. Inia Seruiratu

High Level Climate Champion, Global Climate Action & Minister of Agriculture, Rural and Maritime Development, and Meteorological Services and National

Disaster Risk Management, Fiji

Co-Organisers Closing Remarks

Yuji Mizuno

Director of Climate and Energy Area

Institute for Global Environmental Strategies (IGES)

Dechen Tsering

Director Regional Office, Asia and the Pacific

UNEP

Day 3 - Friday 15th December

08:30 Registration & Visit the Exhibition

09:30 High Level Ministerial Day on Climate Action - Opening Ceremony

Conference Room 2

H.E. Inia Seruiratu

High Level Climate Champion, Global Climate Action & Minister of Agriculture, Rural and Maritime Development, and Meteorological Services and National Disaster Risk Management, Fiji

Shamshad Akhtar

Under Secretary-General, United Nations & Executive Secretary, UNESCAP

Dirk Forrister

President & CEO, IETA

09:50 **HLS1 - Importance of Leveraging Global Climate Action**

Conference Room 2

This session will focus on the implementation of Global Climate Action in the Asia-Pacific region, covering the importance of different stakeholders, catalyzing their climate action, as well as recognizing the initiatives and achievements of non-Party stakeholders. Under the umbrella of the Marrakech Partnership, the session will emphasize the vision to further mobilize public and private actors to address and respond to the climate change challenge; promote their effectiveness; to create a visible community of actors with a common commitment to accelerate climate action; and to align their actions with the NDCs and the SDGs.

Moderator

James Grabert

Director, Sustainable Development Mechanisms, UNFCCC

Hon. Assistant Minister for Local Government Housing and Environment, Fiji

Keynote Address (and Panelist)

H.E. Inia Seruiratu

Minister for Agriculture, Rural and Maritime Development and National Disaster Management, Fiji & High-Level Champion for Climate Change Action

Jahan Chowdhury

Director - Country Engagement Support Unit NDC Partnership

Speakers

H.E. Abdullahi Majeed

Minister of State, Ministry of Environment and Energy, Maldives

Junji Hatano

Chairman and Chief Executive Officer Carbon Partners Asiatica

11:00 Coffee Break & Visit the Exhibition

Foyer, Level 1

11:30 **HLS2 - The Role of Capital Markets for Climate Action**

Conference Room 2

This session will address financing for climate action to achieve their NDCs and scale-up ambition, the challenges countries in the region face to access it, and the role for public and private sectors in financing regional climate action. Panellists will focus on these issues from the perspective of least-developed, small island and climate-vulnerable countries in the region and ways to use debt capital market instruments for green investments to pursue low GHG emission and to implement the Paris Agreement and 2030 Agenda. The discussion will identify the role of different stakeholders, interim solutions and priority actions to enable these countries to issue sovereign and corporate green debt instruments, the role of green standards, credit enhancement instruments and ways to mitigate the risks, increase finance flows for low GHG emissions and climate-resilient development. Panellists will address the issue of what the UN and other stakeholders can do to advance this agenda to engage non-State stakeholders effectively.

Moderator **Dirk Forrister** President & CEO **IETA**

Keynote Addresses

H.E. Aiyaz Sayed-Khaiyum

Minister for Justice, Finance, Public Enterprises, Public Service, Government of Fiji

Shamshad Akhtar

Under Secretary-General of the United Nations and **Executive Secretary UNESCAP**

Full Conference Program - Day 3

Speakers

Tony Amos Sewen

Director

Department of Finance and Treasury, Vanuatu

Mike Clough

Chief Executive Officer Fiji Development Bank

Jenny Koh

Regional Director Asia

GuarantCo

Antoine Gustin

Country Head for Thailand

BNP Paribas

Cédric Rimaud

Head of Emerging Markets Credit Research

Gimme Credit

Winston Tay

Head, Asia Debt Syndicate

ING

13:00 Lunch Break & Visit the Exhibition

14:30 HLS3 - Toward a Regional Action Agenda

Conference Room 2

Parties to the Paris Agreement foresee regional cooperation to mobilize stronger and more ambitious climate action by non-Party stakeholders, including the private sector and financial institutions. Regions are called upon to increase the pace and scale of collaborative climate action by convening climate action platforms to facilitate exchanges between governments and non-state actors on issues of regional scope. This includes defining Regional Climate Action Agendas for the non-state actors to identify priority themes at the interface between state and non-state actors; assess the policies and action needed to raise ambition; and facilitate and strengthen climate partnerships from the global South.

Moderator

Shamshad Akhtar

Under Secretary-General, United Nations & Executive Secretary, UNESCAP

Speakers

Hon. Aiyaz Sayed-Khaiyum

Attorney-General and Minister for Economy, Public Enterprises, Civil Service & Communications, Fiji

Hon. Semi Koroilavesau

Minister for Fisheries, Fiji

Hon. Dasho Nim Dorji

Secretary of Finance

Kingdom of Bhutan

Hon, Maiza Hameed

Member National Assembly

Pakistan

Bambang Susantono

Vice President - Knowledge Management Asian Development Bank

James Grabert

Director, Sustainable Development Mechanisms UNFCCC

Private Sector Discussants Ajeya Bandyopadhyay

Partner KPMG

Vinod Kesava

Co-Founder and CEO

CRX

15:45 High Level Ministerial Day on Climate Action - Closing Ceremony

Conference Room 2

H.E. Inia Seruiratu

High Level Climate Champion, Global Climate Action & Minister of Agriculture, Rural and Maritime

Development, and Meteorological Services and National

Disaster Risk Management, Fiji

Shamshad Akhtar

Under Secretary-General

United Nations & Executive Secretary, UNESCAP

Day 1 - Wednesday 13th December

10:30 SE1 - Market Mechanism Approaches and Carbon Pricing Experiences from India

Organised by GIZ, India

Side Event Room 4, 3rd floor (United Nations Conference Centre)

This session will give an overview of new developments in the carbon markets in India including the World Bank's PMR initiative in India, GIZ India's work on carbon markets, carbon pricing initiatives of the Indian private sector and the BMUB's roadmap and involvement in supporting carbon market approaches around the world.

Moderator To be announced Kundan Burnwal IFC

Technical Advisor

GIZ India

To be announced

World Bank/TERI

Speakers

Thomas Forth
Senior Expert and Advisor to the German Ministry for
Technical Advisor

the Environment, Nature Conservation, Building and GIZ India

11:30 Nuclear Safety (BMUB)

12:30 SE2 - Energy Opportunities in South East Asia

Organised by the CTCN

Side Event Room 4, 3rd floor (United Nations Conference Centre)

An interactive session on latest trends in the energy landscape affecting South East Asia as well as an introduction to the CTCN Climate Technology opportunity explorer. Participants will learn how the energy transition affects them and then be able to see how a new online tool can enable them to better understand and capitalise on upcoming opportunities.

Panel Moderated by Eelco Kruizinga

Senior Principal Consultant, DNV GL & Public-Private Liaison Officer. CTCN

13:30

15:30 SE3 - Climate Blockchain Roundtable Brainstorm

Organised by IETA

Side Event Room 4, 3rd floor (United Nations Conference Centre)

We look forward to welcoming you to this timely cross-sector dialogue, exploring the state, trends, opportunities, and challenges linked to the rapidly-evolving world of blockchain (distributed ledger technology) to support MRV, climate finance and carbon markets. To encourage lively discussion, info-sharing, and relationship-building, this special event brings together ~40 business leaders, experts in MRV, blockchain, and governance keen to promote innovative and scalable solutions to achieve Paris Agreement goals and SDGs.

Panel Moderated by Katie Sullivan

Managing Director, North America& Climate Finance

IETA

Day 2 - Thursday 14th December

10:30 SE4 - Innovation, Deployment, and Transfer of Low-Carbon Technology Through the Joint Crediting Mechanism (JCM)

Organised by the Overseas Environmental Cooperation Center, Japan (OECC)

Side Event Room 4, 3rd floor (United Nations Conference Centre)

How to enhance innovation, deployment, and transfer of low-carbon technology through the JCM? The side event will provide an opportunity to learn benefits of the JCM, and its updated information in particular, in ASEAN countries, sharing case studies from key players, including the OECC's field activities on project match making in South-East Asia.

Facilitators Makoto Kato

Principal Researcher

OECC

Satoshi lemoto Senior Researcher

OECC

11:30

Panel

Government officials from JCM partner country

Aryanie Amellina

Policy researcher

Institute for Global Environmental Strategies (IGES)

Yuriko Koyanagi

Researcher

Overseas Environmental Cooperation Center, Japan (OECC)

12:00 SE5 - Northeast Asia and the Next Generation of Carbon Market Cooperation

Organised by the Asia Society Policy Institute (ASPI)

Side Event Room 4, 3rd floor (United Nations Conference Centre)

Northeast Asia is emerging as the epicenter of global carbon market activity. The region's nascent carbon markets have unrivalled potential along with a range of challenges to overcome. The domestic effectiveness and regional connectivity of these markets will define the next generation of emissions trading, and significantly impact future international climate change mitigation policies and resource flows. In 2016, the ASPI launched the "Toward a Northeast Asia Carbon Market" initiative to facilitate carbon market cooperation. Since then, we have been working closely with policy leaders and experts to offer public analysis on the importance of regional carbon pricing cooperation. During this panel, ASPI will share the key findings and policy recommendations of its new report, Northeast Asia and the Next Generation of Carbon Market Cooperation, which argues that "while China, Japan, and Korea are understandably fixated on domestic progress, their early phases need to yield markets that are flexible and 'linkage ready' if the benefits of market connectivity are to take shape."

Moderator Jackson Ewing Director of Asian Sustainability ASPI

Speakers
Stefano de Clara
Director of Intern

Director of International Policy

IETA

13:00 To be announced

15:00 SE6 - Supporting Capacity Building and Financing Decisions through the World Bank's Mitigation Action Assessment Protocol (MAAP)

Organised by the World Bank Group

Side Event Room 4, 3rd floor (United Nations Conference Centre)

While the bottom-up nature of Nationally Determined Contributions (NDCs) under the Paris Agreement enables broad participation, the framework creates several challenges for assessing and comparing the individual and collective impact of different actions, as well as ensuring their robust design and implementation. Against this backdrop, the World Bank developed the Mitigation Action Assessment Protocol (MAAP) to provide a standardized, yet flexible framework to measure and compare the relative mitigation outcomes of actions based on four building blocks: Mitigation Action Program; Management Entity; Financial Structure and Development Benefits. The objective of this session is to make the case for using the MAAP to support broader capacity building/financing activities through a series of case studies.

Panel Aryanie Amelina Policy Researcher IGES **Eduardo Ferreira** Senior Financial Specialist, World Bank

Rachel Mok

Climate Change Analyst, World Bank

Day 3 - Friday 15th December

13:00 SE7 - The Past, Present & Future of the Global Carbon Markets

Organised by Climate Resources Exchange International
Side Event Room 4, 3rd floor (United Nations Conference Centre)

Description: What Have we Learned, What are we Doing Now & What can we do to experience a Global Carbon Pricing Index to ensure that INDCs are met through ITMOs. How will the global REC market from different products evolve assist in this effort?

Moderator Stefano De Clara

Director of Intenrational Policy

IETA

Speakers

Vinod Kesava

Chief Executive Officer, Climate Resources Exchange

International

Rene Velasquez

Head of Voluntary Market

14:00 CBL Markets

Lionel Steinitz

Chief Executive Officer

LYS Energy

Jessica Verhagen

VP of Business Development & Strategy

EcoSphere+

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Asia Society Policy Institute (ASPI)



Asia Society is the leading educational organization dedicated to promoting mutual understanding and strengthening partnerships among peoples, leaders, and institutions of Asia and the United States in a global context. Across the fields of arts, business, culture, education, and policy, the Society provides insight, generates ideas, and promotes collaboration to address present challenges and create a shared future. Founded in 1956 by John D. Rockefeller 3rd, Asia Society is a nonpartisan, nonprofit institution with major centers and public buildings in New York, Hong Kong, and Houston, and offices in Los Angeles, Manila, Mumbai, San Francisco, Seoul, Shanghai, Sydney, Washington, D.C., and Zurich.

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Climate Resources Exchange International (CRX)



We help the Progressive navigate the carbon trail as their chosen path towards resource efficiency. CRX is an ecopreneurship of 17 years, with representatives in Singapore, Australia, Italy, Japan, Netherlands, Canada and the USA. Our Mission is to grow our customers' global citizenry by intensifying the impact of their environmental efforts, and our Vision is to help foster a conscience of humanity's interconnectedness through resource management. We are able to strengthen our environmentally responsible customers with:

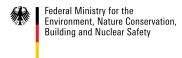
- . a range of Emissions Offset Tools with multi-faceted benefits.
- . a Carbon Footprinting Service that guides customers to measure and manage their carbon footprint as they strive towards responsible environmental use.
- . a holistic resource-efficiency study using IDP (Integrative Design Process). IDP achieves sustainability and savings in CapEx/OpEx, in greenfield/brownfield projects.

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



The BMUB is responsible for a wide range of environmental and building related issues. Concerning climate policy, BMUB is responsible for policy on the national, European and international level. The Ministry's mandate includes providing the German legal framework for emissions trading and the use of international credits for compliance purposes, cooperation with host countries, the CDM and JI and their evolution and relationship with the Sustainable Development Mechanism enshrined in the Paris Agreement, as well as emission trading and carbon pricing. Germany actively supports and participates in international dialogue on carbon markets in a variety of forums.

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The CTCN is the operational arm of the UNFCCC Technology Mechanism, hosted by UNEP and UNIDO. The Centre promotes the accelerated transfer of environmentally sound technologies for low carbon and climate resilient development at the request of developing countries. We provide technology solutions, capacity building and advice on policy, legal and regulatory frameworks.



DNV GL is a global quality assurance and risk management company. We provide classification, technical assurance, software and independent expert advisory services to the maritime, oil & gas, power and renewables industries. We also provide certification, supply chain and data management services to customers across a wide range of industries.

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Environmental Defence Fund (EDF)

Guided by science and economics, we find practical and lasting solutions to the most serious environmental problems, and tackle urgent threats with practical solutions. EDF is a 501(c)(3) nonprofit organization. For decades, EDF has been committed to bipartisan environmentalism. Environmental Defense Fund's mission is to preserve the natural systems on which all life depends.

- . Our values: We believe prosperity and environmental stewardship must go hand in hand. We're optimists, because we have seen our ideas make a huge difference. And we build strong partnerships across interests to ensure lasting success. See our mission and values.
- . Our focus: We achieve results by finding solutions that benefit people while protecting natural systems.

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EKI Energy Services (EKIESL)

EKIESL is a leading global provider of Consultancy and Training Services. EKI Provides consultancy for climate change advisory (GHG programmes-CDM, VCS, GS), lean manufacturing & ISO. EKIESL works in Carbon, Energy and Environment sector with specialization in the areas of renewable energy project development, Carbon asset management under the Kyoto Protocol's CDM.

EKI is Accredited by Quality council of India and QMS Consultant organization, Registered with National Productivity Council and QCI for Lean Manufacturing Training and Consultancy. EKI's consultants design and structure appropriate consulting or project management training, addressing those specific needs at each level of the organization.

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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.

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International Environmental Research Institute (IERI)

The IERI was established in 2003 as a research center for the United Nations University, housed at the Gwangju Institute of Science and Technology. IERI oversees the operation of the UNU-GIST Joint Programme, a united endeavor for promoting sustainable science and technology in developing countries. IERI continues to promote, through research and education, its mission of establishing environmental technology in Southeast Asia and Africa. To maintain relevance in sustainable issues for developing countries, IERI has expanded its activities to provide solutions to climate changes issues through science, technology, and education.

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Overseas Environmental Cooperation Center, Japan (OECC)



The OECC was established in 1990 supported by Environment Agency (currently Ministry of the Environment) of Japanese Government for the promotion of international cooperation in a non-governmental position.

The Objective of OECC is to promote global environment conservation. Recognizing unprecedented international interdependence, OECC will encourage environmental conservation through cooperative activities, researches, public relations, etc. on overseas environmental issues.

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RWE Power Climate Protection, Southeast Asia



With its two operational business fields, Conventional Power Generation and Energy Trading, RWE AG is indispensable for the functioning of the entire energy system and for security of supply in Europe. Our third pillar is our majority shareholding in innogy SE.

RWE Generation currently has one of the most modern and efficient power plant fleets in Europe – with a strong presence in Germany, the UK and the Netherlands. Our trading division RWE Supply & Trading is a leading energy trading company in Europe and is active on the global trading markets for energy and energy-related commodities. In spite of difficult framework conditions, RWE AG makes an important contribution to stabilising the European energy system.

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True Quality Certifications (DOE - LGAI)



True Quality Certifications Pvt. Ltd. is one of the leading consultancies in the business of Wind Energy and other renewable energy sectors (Wind, Solar, Biomass, Biogas, other) working from the Central India. TQC, team has good experience and expertise to deliver you a multi-directional design package from concept to commissioning. We are dedicated to work with you to achieve the optimum results for your renewable energy projects from project concept to final execution. Considering the scenario of highly demanding renewable energy technological up gradation we assure to fulfill the requirement of our clients according to their concept and spending.

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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 '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.

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Thailand Greenhouse Gas Management Organisation (TGO)

The Thai Cabinet's resolution approved the establishment of the Greenhouse Gas Management Organization as public organization in accordance with the law on public organization on May 15 B.E. 2550 (2007). While the autonomous public organization has an administrative independence, it also acts as the center for collaboration among government, private sector and international organizations. As published on July 6 B.E. 2550 (2007), in Government Gazette of Thailand Volume 124 Part 31 A, the public organization entitled "Thailand Greenhouse Gas Management (Public Organization)", called "TGO" in brief, is established under the Ministry of Natural Resources and Environment with the following objectives:

- . to analyse, scrutinize and collect views and opinions in relation to the approval of projects, as well as to pursue and appraise the authorized projects;
- . to further the project advancement in the market of greenhouse gas quantity trading as approved;
- . to be an information centre for circumstances on greenhouse gas operations;
- . to make a database about the authorized projects and the approved trading of greenhouse gas quantity; nevertheless, in accordance with the policy determined by the National Board and the Board;
- . to further and enhance the efficiency, as well as to give instructions to public agency and private body in the operations on greenhouse gases.

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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.

ESCAP is committed to a resilient Asia and the Pacific founded on shared prosperity, social equity and sustainability. Our vision is to be the most comprehensive multilateral platform for promoting cooperation among member States to achieve inclusive and sustainable economic and social development in the region. ESCAP promotes rigorous analysis and peer learning in our core areas of work; translates these findings into policy dialogues and recommendations; and provides good development promote and technical assistance to member States in the implementation of these recommendations. ESCAP provides a forum to promote regional cooperation and collective action in pursuit of the 2030 Agenda for Sustainable Development and the SDGs, assisting countries to achieve shared economic growth and social equity.

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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.

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International Emissions Trading Association (IETA)

IETA is the voice of business on carbon markets around the world. It is a leading global non-profit business organization created in June 1999, to establish an effective international framework for trading in GHG emission reductions. Currently comprising of more than 140 leading international companies from OECD and non-OECD countries, IETA members seek to develop an emissions trading regime that results in real and verifiable GHG emission reductions, balancing economic efficiency with environmental integrity and social equity. IETA's members include global leaders in the oil, electricity, cement, aluminium, chemical, technology, data verification, broking, trading, legal, finance, and consulting industries.

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IGES was established in March 1998, with the aim to achieve a new paradigm for civilization, conduct innovative policy development, reflecting the results of research into political decisions for realizing sustainable development both in the Asia-Pacific region and globally.

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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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UNEP DTU

UNEP DTU Partnership (formerly UNEP Risø Centre (URC)) is a leading international research and advisory institution on energy, climate and sustainable development. As a UN Environment (UNEP) Collaborating Centre, UNEP DTU Partnership is an active participant in both the planning and implementation of UNEP's Climate Change Strategy and Energy Programme. Through in-depth research, policy analysis, and capacity building activities, the Partnership assists developing countries in a transition towards more low carbon development paths, and supports integration of climate-resilience in national development.

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United Nations Development Programme, Bangkok Regional Hub

UNDP partners with people at all levels of society to help build nations that can withstand crisis, and drive and sustain the kind of growth that improves the quality of life for everyone. UNDP in Asia and the Pacific delivers country and regional programmes in 36 countries through 24 UNDP Country Offices and the Regional Centre to help empower lives and build resilient nations.

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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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