

## Asia and the Pacific Regional Workshop - 2015

### PROMOTING THE CDM AND THE MARKET MECHANISMS FOR PRE AND POST 2020

**Location:** Manila  
**Date:** 29-30 September 2015

**Venue:** Multi-Function Hall, ADB Headquarters, 6  
ADB Ave, Mandaluyong, 1550 Metro Manila,  
Philippines.  
**Languages:** English

#### 1. The climate imperative

The international negotiations under the UNFCCC are at a crucial point, with Parties determined to agree on a new global climate change agreement in December in Paris, at COP 21.

The new agreement will define the global response to climate change in the post-2020 period, seeking to hold the increase in global average temperature below 2°C or 1.5°C above pre-industrial levels.

To achieve this target, there is a need to identify and implement opportunities to mitigate climate change both in the short/medium term (pre-2020) and long term (post 2010). Robust and effective action on mitigation now will not only reflect the urgency of acting now to mitigate climate change, it will also strengthen confidence among Parties and build the foundation for even greater action after 2020.

Asia and the Pacific is increasingly seen as a contributor to efforts to mitigate climate change. Ensuring a low carbon development path for Asia and the Pacific in the years to come can be enabled by Asia and the Pacific countries having their say in shaping the tools of international support that are available now, and those that will be integrated into the new climate agreement. It is essential that these tools of support are attuned to the needs of Asia and the Pacific and areas of greatest potential on the continent to ensure a sustained, low-carbon and resilient development.

#### 2. Background

The **Asia and the Pacific Regional Workshop**, is co-organized by the United Nations Framework Convention on Climate Change (UNFCCC), the Asian Development Bank (ADB) and the Institute for Global Environmental Strategies (IGES) and it constitutes one more step forward within an initiative that started five years ago with the aim of enhancing the regional distribution of CDM project in Asia and the Pacific. In the context of the various changes on the global carbon market, this time this sixth regional workshop spans a wider spectrum of carbon issues in order to bring together mitigation and market experts and practitioners who play a major role in the future climate regime.

#### 3. Focus of the Workshop

The 2-day workshop '**PROMOTING THE CDM AND THE MARKET MECHANISMS FOR PRE AND POST 2020**' this year will focus on both pre and post 2020 actions that can be integrated within the new climate agreement.

The workshop will therefore focus on the key opportunities for Asia and the Pacific countries to develop along a low-carbon, resilient pathway and the tools that are already available and can be put to use in long term (post 2020), while having the potential to contribute in the short/medium term (pre-2020). The workshop will have short/medium term focus on identifying measures and tools which may include both traditional and new uses of the clean development mechanism (CDM) and other tools to support countries in their nationally appropriate mitigation actions (NAMAs), domestic emission trading schemes (ETSs), carbon pricing, carbon-tax and in providing climate finance, technology and capacity building. The workshop will also have longer term focus on how to utilize the opportunities for sustained development through new incentives and tools of support that can be integrated within the new climate agreement for the post-2020 period including development of new market mechanisms (NMMs), assist and support Asia and the Pacific countries in the preparation/update of INDCs. The sessions will also focus on mitigation potential in the broad areas and is expected to discuss global state of play in Asia and the Pacific in terms of challenges and opportunities, success stories and good practices and policy options to support and scale-up Mitigation, Climate finance, Markets and Technology in Asia and the Pacific.

#### **4. Objectives of the workshop**

The workshop will contribute to the debate on how Asia and the Pacific countries can actively steer towards a low-carbon, resilient development pathway and will identify and explore the tools already available internationally for supporting these efforts both in the short/medium term (pre 2020) to long term (post 2020).

To achieve this, the workshop will be:

- Providing an update on the status of the climate change negotiations.
- Highlighting actions in selected sectors to promote low-carbon growth in the continent.
- Sharing success stories in the mobilization of low carbon technologies and policies in Asia and the Pacific.
- Presenting existing sources of finance, including green climate fund (GCF), green bonds and the role of commercial, national and multilateral banks in mobilizing climate finance to facilitate low-carbon development in Asia and the Pacific.
- Discussing the potential role of carbon pricing tools, and carbon markets in particular, to incentivize mitigation actions in Asia and the Pacific.
- Exploring the roles that CDM could play as a tool combined with other national and international instruments, including domestic emission trading schemes (ETs) and national policies to facilitate climate action and low carbon development.
- Provide the support to CDM projects and programmes that have a risk of being discontinued.
- Provide an update of INDC process and status of submissions and illustrate roles played by them in achieving the objective of the convention.

#### **5. Target participants**

The workshop will bring together participants from CDM designated national authorities (DNAs), national focal points (NFPs) and other Asia and the Pacific and east European government representatives, experts from multilateral and bilateral cooperation and research organizations, Asia and the Pacific and global financial institutions and international and regional mitigation and market experts, development agencies, private sector stakeholders (CDM project developers and project participants).

#### **6. Structure of agenda**

Please see next page.

Day 1 – Tuesday, 29 September		
08.30 - 09.00	Registration	
09:00 – 09:30	Opening	<b>Plenary room:</b> Multi-Function Hall
09:00 - 09:05	Welcome remarks	Jonas Leones, Department of Environment and Natural Resources
09:05 - 09:10	Welcome remarks	Preety Bhandari, ADB
09:10 - 09:15	Welcome remarks	Kazuhisa Koakutsu, IGES
09:15 - 09:20	Welcome remarks	Andrew Howard, UNFCCC secretariat
09:20 - 09:30	Introduction of the workshop	Fatima-Zahra Taibi, UNFCCC secretariat
09:30 - 10:40	<b>Plenary 1. - Post-2020 Ambition: INDCs Vs markets</b>	<b>Plenary room:</b> Multi-Function Hall
A critical climate change conference will be held in Paris in December, aimed at reaching a global legally binding agreement or an outcome which will trigger mitigation actions post-2020. This session will provide an update on the international negotiation status and the progress achieved so far by Parties to limit global warming to 2°C compared to pre-industrial levels and overview of Intended Nationally Determined Contributions (INDCs), in particular the role of markets and CDM in post 2020 climate regime.		
		<i>Moderator:</i> Kazuhisa Koakutsu, IGES
09:30 - 09:45	Brief update of ADP process for enhanced actions to increase mitigation ambitions	Andrew Howard, UNFCCC secretariat
09:45 - 10:00	How can post-2020 ambition be incentivized through INDCs and how markets can play a role in the context of Asia and the Pacific	Albert Magalang, DNA of the Philippines
10:00 - 10:15	Role of private sector in raising ambition	Junji Hatano, Carbon Partners Asiatica
10:15 - 10:25	Views of Party: Georgia	Kakhaber Mdivani, DNA of Georgia
10:25 - 10:40	Discussion	
10:40 - 10:55	<b>Coffee break &amp; Group Photo</b>	
10:55 - 11:55	<b>Plenary 2. Understanding INDC: Challenges and Opportunities</b>	<b>Plenary room:</b> Multi-Function Hall
Intended Nationally Determined Contributions are post-2020 contributions that Parties will make towards achieving the objective of the Convention under the 2015 agreement. INDCs represent a bottom-up approach to addressing climate change in the context of national development priorities, circumstances and capabilities. Parties are expected to submit their INDCs well in advance of the Paris Conference. This session will provide Parties with the opportunity to share their experiences and approaches in preparing their contributions and identify solutions to challenges being encountered.		
		<i>Moderator:</i> Albert Magalang, DNA of the Philippines
10:55 - 11:10	Introduction/Overview/Setting the Scene on INDCs	Alexandra Soezer, UNDP
11:10 - 11:25	Recent Country Progress on INDC preparations and submissions: Asia & the Pacific	Sudhir Sharma, DTU
11:25 - 11:40	Experiences and challenges in preparing INDCs	Kamal UY, DNA of Cambodia
11:40 – 11:55	Discussion	

11:55 - 13:00		Plenary 3. - Pre- and post 2020 Market mechanisms – Outlook	Plenary room: Multi-Function Hall
A critical climate change conference will be held in Paris in December, aimed at reaching a global legally binding agreement or an outcome which will trigger mitigation actions post-2020. This session will touch on the role of markets and CDM and opportunities offered by this mechanism to contribute to the post 2020 mitigation actions, while contributing to the closure of the pre-2020 gap. The session will also discuss what reforms to CDM will be necessary to achieve this objective.			
			<i>Moderator:</i> Ms. Hanna-Mari Ahonen, Swedish Energy Agency
11:55 – 12:05	How the CDM can be used to fill the pre 2020 gap and how compliance markets can be integrated.	Ingo Puhl, South Pole	
12:05 - 12:15	How Market mechanisms & CDM can be used to contribute to the post-2020 mitigation actions.	Junji Hatano, Carbon Partners Asiatica	
12:15 - 12:25	Recent developments and future perspectives for the CDM	Fatima-Zahra Taibi, UNFCCC secretariat	
12:25 - 12:35	Views from users and practitioners	Alexandra Soezer, UNDP	
12:35 - 12:45	Views from Thailand	Thawatchai Somnam, GHG Management Organisation, Thailand	
12:45 - 13:00	Discussion		
13:00 – 13:10	Introducing RCC Asia		
<b>13:10 - 15:00 Lunch Break &amp; DSA disbursement</b> <b>Lunch will be served at the ADB Executive Dining Room (EDR)</b>			
15:00 - 15:45		Plenary 4. – Translating opportunities for mitigation by integrating Market mechanisms in INDCs	Plenary room: Multi-Function Hall
INDCs provide platform for parties to indicate the level of ambitions to mitigate climate change. This session will outline approaches on how the CDM could be integrated with country INDCs and contribute to raising ambition in a cost effective way. Experience of a country using this approach will be shared and discussed.			
			<i>Moderator:</i> Sudhir Sharma, DTU
15:00 - 15:15	How to increase ambition in INDCs using the CDM	Benita Gurung, RCC Bangkok	
15:15 - 15:30	Country case study: Singapore	Anshari Rahman, DNA of Singapore	
15:30 - 15:45	Discussion		
<b>15:45 - 16:00 Coffee break</b>			
16:00 - 17:15		Plenary 5. - Carbon Markets, MRV and taxes incentives	Plenary room: Multi-Function Hall
Asia and the Pacific has a great potential and options for implementing effective mitigation actions and stimulating development. At the same time policy instruments such as carbon pricing, markets and other regulatory approaches and MRV tools can further help Asia and the Pacific countries to spur low-emissions climate-resilient development. Are the Asia and the Pacific countries and policy makers ready for this fast moving market? This session will highlight the current developments and prospects that can be used to scale up different mitigation actions such as domestic markets and tax incentives and consider their relevance for Asia and the Pacific.			
			<i>Moderator:</i> Hemant Nandanpawar Ernst & Young
16:00 - 16:15	Current domestic mitigation incentives implemented and under development using CDM and other mechanisms: A perspective	Noim Uddin, Climate Policy and Markets Advisory International	

16:15 – 16:30	Carbon Tax as practiced in the world: Focus on Asia and the Pacific Carbon Market	Arvind Sharma, Pricewaterhouse Coopers
16:30 – 16:45	Pros and cons of carbon pricing: tax Vs. market mechanisms	Ingo Puhl, South Pole
16:45 - 17:00	How mitigation actions can be measured and compared through the use of CDM: Case study on standardized baseline on rice cultivation	Vladislav Arnaoudov, Mitsubishi UFJ Morgan Stanley Securities
17:00 - 17:15	Discussion	
<b>17:15 - 18:15</b>	<b>Plenary 6. - Results Based Finance</b>	<b>Plenary room: Multi-Function Hall</b>
Parties have expressed the need to move forward from the identification of opportunities to the implementation of actions with regards to unlocking mitigation potential. Over the last decade, the CDM has delivered mitigation outcomes beyond expectations and leveraged a huge amount of private sector investment, built capacity and know how. This session will show how financing streams and funds from Results Based Finance can assist countries in prompting high potential mitigation actions domestically and internationally to close the pre-2020 gap while contributing to post 2020 climate regime.		
		<i>Moderator:</i> Virender K. Duggal, ADB
17:15 - 17:30	Results and trends of result based finance - the Future Carbon Fund Experience	Takeshi Miyata, ADB
17:30 – 17:45	The Green Bonds Initiative: mobilizing the bond market for climate change solutions	Daniel Rosetto, Climate Mundial Ltd
17:45 - 18:00	How result based finance can achieve short term climate impact	Noim Uddin, Climate Policy and Markets Advisory International
18:00 - 18:15	Discussion	
<b>Closing Day 1</b>		

*\*Cocktail Reception to be held at the ADB Executive Dining Room (EDR) from 18:30 onwards.*

## Day 2 - Wednesday, 30 September

09:00 - 10:30

### Plenary 7. - Domestic ETS in evolving carbon markets

Plenary room:  
Multi-Function Hall

Asia and the Pacific has a great potential and options for implementing effective mitigation actions and stimulating development. At the same time policy instruments such as emission trading scheme and other regulatory approaches can further help Asia and the Pacific countries to spur low-emissions and climate-resilient development. This session will highlight the current developments that can be used to scale up mitigation actions through domestic Emission trading schemes and consider their relevance for Asia and the Pacific.

*Moderator:* Xuedu Lu, ADB

09:00 – 09:15

Domestic emission trading schemes (ETS): Overview in Asia and the Pacific

Lingshui Mo, ADB

09:15 - 09:30

Moving towards a national wide domestic emission trading scheme (ETS) in China

Tang Jin, SinoCarbon Innovation & Investment

09:30 - 09:45

Domestic emission trading schemes (ETS): Korea

Jihyun Lee, Korean Ministry of Environment

09:45 - 10:00

How CDM can support development of domestic ETS

Amit Thusu, UNFCCC Secretariat

10:00 – 10:15

Facilitating integration of carbon market in Asia and the Pacific through ETS linkage

Mark Johnson, Ricardo Energy & Environment

10:15 -10:30

Discussion

10:30 - 10:45

### Coffee break

10:45 - 12:00

### Plenary 8. - Funding emission cuts in Asia and the Pacific and CER purchasing programs

Plenary room: Multi-Function Hall

Parties have expressed the need to move forward from the identification of opportunities to the implementation of actions with regards to unlocking mitigation potential in the post-2020 period. This session will show a variety of financing streams and funds that can assist countries in prompting high potential mitigation actions domestically and the funds available to contribute to both post & pre-2020 mitigation. The session will provide more detailed information related to current and on-going potential funds, initiatives and success stories.

*Moderator:* Virender K. Duggal, ADB

10:45 – 11:00

Overview of the current sources of finance available for developing mitigation actions

Michael Rattinger, ADB

11:00 - 11:15

Overview of finance opportunities to unlock mitigation actions

Youssef Arfaoui, Green Climate Fund

11:15 - 11:25

Norwegian Carbon Credit Procurement program

Sigurd Klakeg, Ministry of Climate and Environment, Norway

11:25 – 11:35

Supporting new climate change mitigation and climate finance activities in developing countries: Initiatives by Swedish Energy Agency

Annika Christell, Swedish Energy Agency

11:35 - 11:45

Overview of Voluntary Cancellation online tool and platform

Fatima-Zahra Taibi, UNFCCC secretariat

11:45 -12:00

Discussion

12:00 - 13:00

### Plenary 9. Institutional Readiness of Green Climate Fund

Plenary room: Multi-Function Hall

This session will show how financing streams and funds from GCF can assist countries in prompting high potential mitigation actions domestically and internationally to close the pre-2020 gap while contributing to post 2020 climate regime.

*Moderator:* Giorgi Machavariani, DNA of Georgia

12:00 - 12:15	Green Climate Fund Institutional requirements overview	Binu Parthan, Green Climate Fund
12:15 - 12:30	CDM infrastructure in support of a quick start for the Green Climate Fund	Andrew Howard, UNFCCC Secretariat
12:30 - 12:45	Showcase: Experiences from GCF Accredited Agencies in Asia & the Pacific	Christian Ellermann, ADB
12:45 - 13:00	Discussion	

**13:00 - 14:15 Lunch Break, ADB Executive Dining Room (EDR)**

**14:15 - 16:00 Plenary 10. Future Carbon Market Expectations** **Plenary room: Multi-Function Hall**

**Breakout session:** *Moderator: Ayato Kurokawa, ADB*  
**Description:** The objective of the session will be to discuss how CDM and market mechanisms can contribute to future climate regime with particular focus to Asia and the Pacific. This is an interactive session where the participants are divided into 4 groups. Each group will be tasked to discuss topics mentioned below under the guidance of a group facilitator. At the end of such discussions, the session moderator will lead a joint session wherein assigned group facilitators will report back views and suggestions on the discussed topic from their respective groups. This exercise is expected to bring out some key messages which can be taken up by the involved stakeholders.

**Proposed topics for breakout group discussions:**

- Topic 1:** How can CDM and other tools leverage private sector finance and make contributions to reducing pre -2020 gap?
- Topic 2:** How can CDM and other tools leverage private sector finance and make contributions to raise ambition further during post-2020?
- Topic 3:** How to recognize transferred mitigation outcomes towards country contributions for post-2020?
- Topic 4:** How will you use voluntary cancellation of CERs for promoting low carbon growth in your country?

Time	14:25-14:50	14:50-15:15	15:15-15:40	15:40-16:00
<b>Topic 1</b> Fatima-Zahra Taibi, <b>Benita Gurung</b> , UNFCCC Secretariat	<b>Group 1</b>	<b>Group 4</b>	<b>Group 3</b>	<b>Group 2</b>
<b>Topic 2</b> <b>Amit Thusu</b> , UNFCCC Secretariat, Raymond Caguioa, ADB	<b>Group 2</b>	<b>Group 1</b>	<b>Group 4</b>	<b>Group 3</b>
<b>Topic 3</b> <b>Kazuhisa Koakutsu</b> , Yuqing Ariel Yu, IGES	<b>Group 3</b>	<b>Group 2</b>	<b>Group 1</b>	<b>Group 4</b>
<b>Topic 4</b> <b>Takeshi Miyata</b> , Lingshui Mo ADB	<b>Group 4</b>	<b>Group 3</b>	<b>Group 2</b>	<b>Group 1</b>

**16:00– 16:30 Coffee break**

**16:30 - 17:00 Plenary 11. Reporting on the outcome of Breakout groups** **Plenary room: Multi-Function Hall**

**Description:** This session will bring together assigned group facilitators to report back the views and suggestions on the discussed topics during the Breakout Session.

*Moderator: Kakhaberi Mdivani, DNA of Georgia*

16:30 - 16:35	Topic 1	Benita Gurung, UNFCCC Secretariat
16:35-16:40	Topic 2	Amit Thusu, UNFCCC Secretariat
16:40-16:45	Topic 3	Kazuhisa Koakutsu, IGES
16:45-16:50	Topic 4	Takeshi Miyata, ADB
16:50-17:00	Wrap-up & discussions	
<b>17:00 - 18:10 Plenary 12. Way Forward and road to Paris</b>		
		<b>Plenary room: Multi-Function Hall</b>
<p>Many countries have submitted INDCs and UNFCCC Secretariat would be aggregating all the submitted INDCs in the form of synthesis report prior to Paris conference. The submitted INDCs would provide views of parties on how they plan to take actions to contain climate change post-2020. The UNEP emission gap report, described a technical mitigation potential of approximately 17 ±3 Gt CO2 eq by 2020, with a marginal reduction cost of USD 50–100/t CO2 eq and which can meet the gap of around 15-20 Gt CO2 eq. Efforts are being made to unlock pre-2020 ambition and to take early action as per ADP work stream 2, including the technical examination process, to contain the pre-2020 gap. Building upon the breakout session, this panel discussion would focus on how to utilize the potential of CDM and capitalize on existing tools, including CDM, focusing on smart cities and experience to tackle more effectively and rapidly the challenges of addressing climate change mitigation as we move towards new climate regime.</p>		
	<b>Panel Discussion</b> - How the potential of CDM can be utilized for the new climate change regime- Barriers & Opportunities.	<i>Moderator:</i> Sigurd Klakeg, Ministry of Climate and Environment, Norway
17:00 - 17:05	Views of UNFCCC Secretariat	Andrew Howard, UNFCCC Secretariat
17:05 - 17:10	Views of Private Financing Institutions	Daniel Rossetto, Climate Mundial Ltd.
17:10 - 17:15	Views of Private Sector	Junji Hatano, Carbon Partners Asiatica
17:15 - 17:20	Views of Private Sector on carbon Tax	Arvind Sharma, Pricewaterhouse Coopers
17:25 - 17:30	Views of DNAs	Thawatchai Somnam, GHG Management Organisation, Thailand
17:30 - 18:10	Discussion	
<b>18:10 - 18:30 Closing</b>		
		<b>Plenary room: Multi-Function Hall</b>
18:10 - 18:15	Closing message	Kakhaberi Mdivani, DNA of Georgia
18:15 - 18:20	Closing message	Virender K. Duggal, ADB
18:20 - 18:30	Closing message	Andrew Howard, UNFCCC secretariat



No.	GROUP 1	GROUP 2	GROUP 3	GROUP 4
1	Abad, Jr.	Hatano	Buban	Choden
2	Fabros	Nguyen M	Hakimi	Duggal
3	Ghahroudi	Niraula	Johnson	Fulivai
4	Arachchige	Novosad	Pasha	Ishankulova
5	Jerette	Quejada	Sharma	Machavariani
6	Krishnaiah	Yamada	Smeby Evjen	Narangerel
7	Leepattarakit	Charley	Somnam	Olimov
8	Magalang	Sarker	Devi	Passe
9	Mammadova	Christell	Ximenes	Rahman
10	Murthaza	De Guzman	Foliaki	Rattinger
11	Redelmeier	De Sa	Klakeg	Saythongvanh
12	Sharma S.	Lamsal	Kurokawa	Inthaboualy
13	Usenko	Nguyen S	Manjani	Khamidullaevna
14	Chinbat	Vasa	Nandanpawar	Maseiga
15	Wickremasinghe	Arnaoudov	Osorio	Mdivani
16	Ye Swe	Wiriyatangsakul	Rajabov	Stepanyan
17	Dickson	Yousofzai	Soezer	Tsogtbaatar
18	Dizon	Yaldram	Zangmo	Tufi
19	Ellermann	Ahonen	Tsereng	Uy
20	Hasanov	Alobra	Avdulla	Zaidi
21	Ali	Darbeh	Tan	Uddin
22	Joel	Madhukar	Saitala	U Maw Maw Ko
23	Lee	Matsutaro	So	Merilo
24	Lu			