



## **Asian Co-benefits Partnership (ACP) Informal Advisory Group Meeting**

### **Meeting Summary**

7 December 2012, 11:00- 13:30

The Royal Garden Hotel (Sunflower room), Hong Kong, China

## Summary

On 7 December 2012, an informal meeting of the Asian Co-benefits Partnership (ACP) Advisory Group (AG) was held at the Royal Garden Hotel, Hong Kong, China as an event during the Better Air Quality (BAQ) 2012. The meeting's 12 participants shared information on latest activities, policies and projects related to co-benefits and endorsed the ACP Work Plan 2012-2013. Much of the discussion focused on collaboration on short-lived climate pollutants (SLCPs), the Climate and Clean Air Coalition to Reduce Short Lived Climate Pollutants (CCAC), and an upcoming regional meeting on SLCPs in Asia sponsored by the CCAC.

## Meeting Summary

### **1. Update of recent information on co-benefits**

**Professor Katsunori Suzuki, Kanazawa University, Japan/Asian Co-benefits Partnership (ACP) Co-chair** welcomed participants and opened the meeting by requesting attendees to share recent information on projects related to co-benefits.

**Dr. Kevin Hicks, Stockholm Environment Institute (SEI)/Global Atmospheric Pollution Forum (GAPF)** began with an overview of the recent developments involving the CCAC. He noted that the Republic of Korea was applying to join Bangladesh and Japan as the third CCAC member country in Asia. Currently CCAC with support by Canadian government is developing generic guidelines for supporting the drafting of National Action Plans for SLCPs for developing country members, namely Colombia, Mexico (Latin America), Ghana (Africa), and Bangladesh (Asia). He underlined that the development of the National Action Plans for SLCPs would involve a step-by-step approach that is consistent with existing air quality, climate change and development policies. The first drafts of the SLCP National Action Plans in each region are scheduled for completion in March 2013. He also shared that NILU (commissioned by the World Bank) and NORAD have conducted 3-year air pollution management project until 2013 in Bangladesh to train local air quality experts in developing emission inventories.

Dr. Hicks then turned to a CCAC Regional Meeting on SLCPs in Asia that SEI will be organizing on 4-5 February 2013 in Bangkok, Thailand. Bangladesh and Japan will co-host the meeting. Clean Air Asia, IGES, and the United States State Department will contribute to the meeting as partners. The United Nations Environment Programme Regional Office for Asia and the Pacific (UNEP ROAP) in Bangkok will provide additional support on meeting organization. Dr. Hicks is now developing a briefing note outlining important elements of the meeting that will be shared with ACP advisory group members for feedback.

Prof. Suzuki suggested that Dr. Hicks may consider inviting the Secretariat of the Pacific Regional Environment Programme (SPREP) and only a few countries such as Fiji and Papua New Guinea from Pacific because of expensive travel expenses and advised him to consult the matter with UNEP ROAP. Prof. Suzuki further asked if representatives from the air pollution and other environmental management communities (e.g. waste management, waste water management) be invited to the meeting. Dr. Hicks responded that representatives from the Ministry of the Environment in each country would generally be the first priority but he would appreciate inputs from the AG members on invitees to contribute to the discussion of opportunities in each of the major sectors where SLCP measures are being considered.

Dr. Hicks then explained that SEI/GAPF is also working on developing spreadsheet-based toolkits for black carbon (PM<sub>2.5</sub>) and ozone precursor mitigation that draws upon the GAPF emissions inventories manual. The toolkit is intended to help countries identify SLCP mitigation opportunities.

**Ms. May Ajero, Clean Air Asian Cities (previously CAI-Asia)** shared that Clean Air Asia is planning to organise the 4<sup>th</sup> Governmental Meeting on Urban Air Quality back-to-back with the CCAC Asia Regional Consultation Meeting on SLCPs on 6 February 2013. She then shared that Clean Air Asia just launched a report entitled “Accessing Asia” which presents a comprehensive set of air pollution and greenhouse gas (GHG) emissions indicators for 13 countries in the road transport and electricity sectors. A similar report will be published for cities. The Accessing Asia report highlights data coverage and gaps in the electricity and road transport sectors. She noted that Clean Air Asia could bring the experience with the “Accessing Asia” project into collaborations involving the development of emission inventories. Lastly, she added that Clean Air Asia will be implementing a project on diesel generator sets which are key contributors to but overlooked in the discussions in SLCPs

**Ms. Aida Roman, Regional Resource Centre for Asia and the Pacific (RRCAP)** concentrated on RRCAP knowledge sharing and management activities. She began by describing the establishment of the information clearinghouse for the Joint Forum on Atmospheric Environment in Asia and the Pacific (Joint Forum) which will include SLCPs mitigation measures. In this year, UNEP headquarters in Nairobi is funding the clearinghouse with resources from the Atmospheric Brown Clouds (ABC) project; however, the clearinghouse is not currently linked to the CCAC. Another RRCAP project involves evaluating progress and assessment of the data after 14 years of implementation, the Malé Declaration on Control and Prevention of Air Pollution and its Likely Transboundary Effects for South Asia (Malé Declaration). A considerable amount of emission, monitoring, impact and policy data and information is being generated from the implementation of the Malé Declaration. She further stressed that the Intergovernmental Meeting agreed that available data be used to develop an assessment report/synthesis report for policymakers. Further, Ms. Roman may also consider organizing a meeting of the Joint Forum in May 2013, a forum that is designed to facilitate cooperation and coordination among regional air pollution and atmospheric issues networks in Asia and the Pacific.

**Ms. Keiko Kuroda, the Ministry of Environment, Japan (MOE)** discussed recent progress on co-benefits in the MOE. She noted that several divisions are in charge of SLCPs mitigation, including international climate negotiation, air pollution management and international cooperation. As a part of international cooperation project, the MOE recently contracted with IGES on a research project on SLCP mitigation and a case study of open burning in Thailand. The Thailand component of the project will involve data collection, a literature review, and expert interviews.

**Mr. Hitoshi Yoshizaki, MOE** elaborated on a proposal for a research project for emission inventory of black carbon and other pollutants in one country in Asia that could potentially contribute to the CCAC. Mr. Yoshizaki explained that his division in the MOE will also be funding a research project for a survey to investigate black carbon and other pollutants emissions in Japan as well as emission mitigation technology that could be transferred to developing countries. In connection with the project in Asia, Mr. Yoshizaki has a plan to consult with Dr. Kim Oanh, a Professor at the Asian Institute of Technology (AIT), Thailand, on possible collaboration in her relevant project in Lao PDR, Malaysia, and Singapore.

**Dr. Eric Zusman, Institute for Global Environmental Strategies (IGES)/ACP Secretariat** reviewed IGES activities related to the ACP Work Plan for 2012-2013. He first highlighted the aforementioned MOE project for SLCPs mitigation promotion in Asia, for which he asked for cooperation from Dr. Supat’s team. A White Paper is also under development for release at the end of FY2013 with latest information on co-benefits in Asia and beyond. He then mentioned that IGES is working with SEI/US State Department and Clean Air Asia on a project assessing linkages between the 16 mitigation measures recommended in the UNEP report and existing policy frameworks. IGES is also holding a workshop with IIASA on SLCPs that aims to strengthen regional scientific assessments and modelling on SLCPs. Another project with the Asian

Development Bank (ADB) has also been initiated for harnessing climate financing opportunity for women's groups in Cambodia, Lao PDR and Vietnam that includes an improved cookstoves demonstration project.

**Dr. Supat Wangwongwatana, Regional Resource Center for Asia and the Pacific (RRCAP)/ACP Co-Chair** updated participants on on-going activity of the Scientific Advisory Committee of the EANET aimed at reviewing the status of air pollution in East Asia, including ozone and PM2.5. The report builds upon and consolidates existing data and literatures to present level of pollutants, emissions, and impacts. The report should be completed in two years.

## **2. Endorsement of the Work Plan 2012-2013**

**Dr. Eric Zusman** went through the highlights of the Work Plan 2012-2013, noting both current progresses and upcoming plans for each organisation. For instance, the ACP toolkit (to be renamed based on Professor Suzuki's advice to distinguish it from the SLCP toolkit being developed by SEI/GAPF) is expanding and deepening its coverage of work on co-benefits. Dr. Kim Oanh's AIT laboratory, Dr. Sarath Guttikunda's Urban Emissions, and the U.S. Department of Energy's Lawrence Berkeley Laboratory all made contributions to the "toolkit." Prof. Suzuki advised that the "toolkit" could have even more content if it included the recently discussed SLCP data sets on emissions from Clean Air Asia and RRCAP.

Dr. Zusman also highlighted other developments at IGES that may be included in the ACP Work Plan. The IGES Sustainable Consumption and Production Group had been contacted by the UNEP International Environmental and Technology Center (IETC) through the MOE to seek their inputs and possible collaboration on the CCAC waste management project. IGES Kansai Research Centre is also considering a collaborative project on technology transfer with the ADB that could have implications for co-benefits.

Following these updates, participants agreed to endorse the Work Plan.

**Professor Katsunori Suzuki** concluded that now that the Work Plan was officially set. Each partner should promote the activities listed therein in close collaboration with other partners..

## **3. Other issues**

The participating AG members agreed that communication among the entire ACP AG members should be strengthened given the interrelationships between air pollution, climate change, and SLCPs.

## **Wrap Up**

This meeting was brief but informative. ACP activities are gradually taking shape with a growing emphasis on SLCPs in Asia. Sharing recent developments and organizational efforts to promote SLCPs mitigation has helped give the ACP a sharper focus. Attendees also identified a growing number of complementarities between emissions data collection, mitigation measures, and policy frameworks. Those activities and plans are closely aligned with existing ACP activities under the 2012-2013 Work Plan and are expected to help strengthen the capacity of Asian countries to link air quality, climate change and development issues. For the immediate future, participants concluded to work together on the recent CCAC regional meeting on SLCPs.

## **Appendix 1: Meeting Agenda**

### **The Asian Co-benefits Partnership (ACP) Informal Advisory Group Meeting**

7 December 2012, 11:00- 13:30, The Royal Garden Hotel (Sunflower room), Hong Kong, China

#### **Agenda**

In July 2012, the third meeting of the Asian Co-benefits Partnership (ACP) Advisory Group was held at the United Nations University, Institute of Advanced Studies (UNU-IAS) in Yokohoma, Japan. Twenty participants from government agencies, international organizations, and research institutions discussed 1) the status, history, and achievements of the ACP; 2) the 2012-2013 ACP work plan; and 3) potential collaborative projects. The ACP Advisory Group agreed to 1) finalize the work plan by the end of August; 2) form a small group to work collaboratively on projects focusing on short-lived climate pollutants (SLCPs); and 3) share progress on those collaborative projects during the next ACP Advisory Group meeting at the Better Air Quality (BAQ) 2012 conference in December 2012 in Hong Kong, China.

This informal follow up Advisory Meeting aims to *inter alia* endorse the ACP's second work plan for 2012-2013, to exchange information on collaborative projects, and to update the related latest information on SLCPs including the latest activities of the Climate and Clean Air Coalition (CCAC). The meeting will be attended by representatives from international organizations and government agencies.

<b>Agenda</b>	
10:50 - 11:00	Registration
11:00 - 11:10	Opening and Introduction
11:10 - 11:40	An update of recent information on co-benefits, including the CCAC
11:40 - 11:50	Group Photo & Coffee Break
11:50 - 12:30	Endorsement of the ACP Work Plan and exchange of views on implementation
12:30 - 13:10	An update of/progress with collaborative projects
13:10 - 13:20	Other issues
13:20 - 13:30	Wrap Up

## **Appendix 2: List of participants**

### **The Asian Co-benefits Partnership (ACP) Informal Advisory Group Meeting**

7 December 2012, 11:00- 13:30, The Royal Garden Hotel (Sunflower room), Hong Kong, China

#### **List of Participants**

##### **Japan**

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##### **International Advisory Panel of the Global Atmospheric Pollution Forum (GAPF)**

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## Appendix 3: Updates of activities

### Updates of IGES activities in FY2012 (as of end of November 2012)

Institute for Global Environmental Strategies (IGES), Japan

#### 1. Activities under the ACP Work Plan 2012-2013

Information sharing	Communication	Policies/Projects
<ul style="list-style-type: none"> <li>• <b>ACP website and toolkits:</b></li> <li>- Regularly updated website</li> <li>- Released 1 factsheet (vol.4); “Mitigating ‘Black Carbon’ in Asia: An Opportunity for Co-benefits”</li> <li>- Released 2 information toolkits prior to Rio+20 and COP18/BAQ2012</li> <li>- Disseminated the ACP PR materials at IGES booth during 4 major international meetings: Rio+20, ISAP2012, COP18 and BAQ2012</li> <li>- Added a set of SLCPs publications to the collection list (please see: “Other Publications Related to Co-benefits”)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>ACP Advisory Group Meeting:</b></li> <li>- Hosted 3<sup>rd</sup> Advisory Group Meeting (24 July 2012 at Pacifico Yokohama, Japan) The draft Work Plan was submitted by the Secretariat and finalised reflecting feedback by the AG members</li> <li>- Organised Informal Advisory Group Meeting (7 December 2012 at The Royal Garden Hotel, China)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Co-benefits White Paper (To be published in FY2013 with instruction by MOE)</b></li> <li>- Requested by MOE, IGES is planning to publish updates on regional and international co-benefits policies and projects conducted in 2012-2013.</li> </ul>

#### 2. Other activities related to co-benefits approach

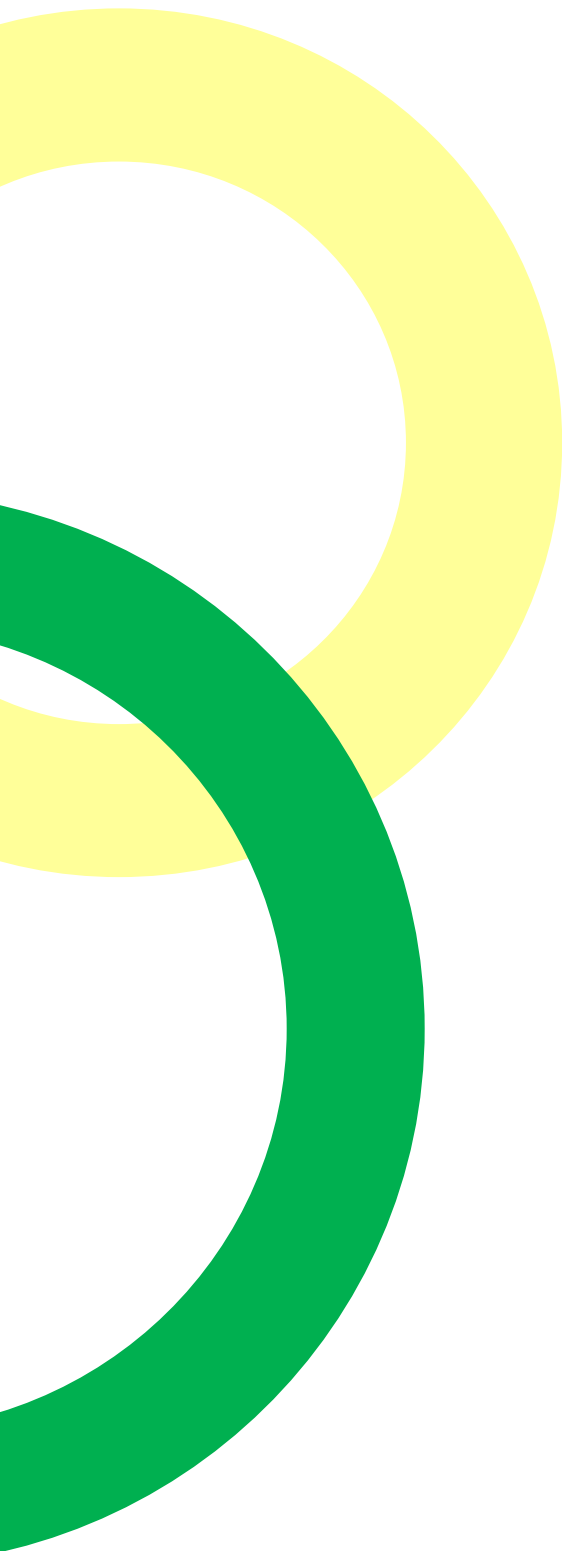
Information sharing	Communication	Policies/Projects
<ul style="list-style-type: none"> <li>• <b>SLCPs project (funded by MOE):</b></li> <li>- IGES contracted with MOE to conduct research on promotion measures of SLCPs mitigation in Asia.</li> <li>- Draw upon data gathered from a review of published literature and stakeholder interviews (with IIASA and relevant sectoral experts).</li> <li>- Develop a summary report of best practices for BC controls and recommend areas for international cooperation in FY 2013.</li> <li>• <b>SLCPs project (funded by SEI/University of York)</b></li> <li>- Work with institutes in Asia, Africa and Latin America to examine the feasibility of implementing priority SLCP mitigation measures</li> <li>- Produce knowledge products including regional roadmap on SLCP mitigation in Asia and guidelines for development of national action plan for SLCPs mitigation champion countries in each region</li> </ul>	<ul style="list-style-type: none"> <li>• <b>IIASA-IGES co-benefits workshop (funded by MOE):</b></li> <li>- IGES is now arranging the 2<sup>nd</sup> WS with IIASA to be held in February 2013 in IGES HQ in Kanagawa, Japan; “International Workshop on Co-Benefits 2013: Bridging Research and Policy in Asia”.</li> <li>- Main themes: to be determined</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Open burning project</b></li> <li>- IGES/Bangkok Office is to conduct air pollution policy survey and open burning case study under the MOE SLCPs project.</li> <li>- 1<sup>st</sup> stage: desk study to outline key elements of Thailand’s legal institutions (standards, regulations and etc.) related to air pollution/ BC from particulate matter (PM) as well as key emission sources.</li> <li>- 2<sup>nd</sup> stage: a case study on the new bottom-up approach to open burning.</li> <li>- Compile BC/SLCPs emissions data for open burning.</li> <li>• <b>Harnessing climate finance to woman (funded by ADB)</b></li> <li>- IGES is to serve as a regional coordination hub to work on mainstreaming gender perspective in climate change mitigation measures in Cambodia, Lao PDR and Viet Nam.</li> </ul>
<p><b>Others</b></p> <ul style="list-style-type: none"> <li>- Published 1 IGES Working Paper and 1 Policy Brief based on those research findings; “Bridging Research and Policy on SLCPs in Asia”</li> <li>- Participated and presented on how ACP can accelerate regional co-benefits cooperation at Society for Environmental Economics and Policy Studies: SEEPS (September).</li> </ul>		<p><b>Others</b></p> <ul style="list-style-type: none"> <li>- Supervised an intern from Research Scholar of Sharda University, India. The project findings was summarised as a draft report “India’s Cookstove Programme and Black Carbon Emissions: Data and Tests”.</li> <li>- IGES is considering joining the CCAC as a non-state member</li> </ul>

**Appendix 4: List of upcoming events (as of 2012-12-07)**

Tentative list of upcoming events related to co-benefits (tentative as of 2012-12-07)

Month	Events
December 2012	<ul style="list-style-type: none"><li>• 17th Senior Officials Meeting of the North-East Asian Subregional Programme for Environmental Cooperation meeting hosted by UNESCAP (China) (20-21 Dec)</li></ul>
January 2013	<ul style="list-style-type: none"><li>• Environmental Systems Governance (28-31 Feb Yokohama, Japan)</li></ul>
February	<ul style="list-style-type: none"><li>• S-7-3 research project meeting (1 Feb Tokyo, Japan)</li><li>• CCAC SLCP regional meeting / Fourth Governmental Meeting on Urban Air Quality/ / Science Initiative Meeting on <i>Asia Regional Assessment of SLCP</i> (1-6 February Thailand)</li><li>• DSDS conference by TERI in India (4-18 Feb: Delhi, India)</li><li>• Male Declaration Meeting (Pakistan)</li><li>• IIASA-IGES co-benefits workshop (in a week of 18 Feb: Hayama, Japan)</li><li>• APN meeting (week of 25 Feb)</li></ul>
March	<ul style="list-style-type: none"><li>• LTP under TEMM</li></ul>





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The Secretariat for the Asian Co-benefits Partnership (ACP), December 2012