



Asia-Pacific Partnership on Clean Development and Climate

e-Newsletter

Volume 1, Issue 2 – June 2008

About the Asia-Pacific Partnership

The Asia-Pacific Partnership on Clean Development and Climate (APP), an innovative public-private partnership that brings together the governments and private sectors of Australia, Canada, China, India, Japan, Korea, and the United States, facilitates investment in clean technologies, goods, and services; accelerates the sharing of energy-efficient best practices; and identifies policy barriers to the diffusion of clean energy technologies. To accomplish its work, the APP created a Policy and Implementation Committee (PIC) and eight public-private Task Forces. The purpose of this newsletter is to share information and news about the Partnership's activities. For further information on the APP and its activities, please see our website at: www.asiapacificpartnership.org. We welcome feedback on this newsletter and suggestions for future articles at: APP_ASG@state.gov.

Seattle PIC Meeting

The Fifth Policy & Implementation Committee (PIC) Meeting of the APP took place 19-20 May 2008, in Seattle, Washington, USA. In Seattle, the Task Forces presented status reports of their work, and PIC members discussed the importance and direction of the APP as Partners look ahead into the future. Canada was welcomed as the Co-Chair for the Cement Task Force.



The Fifth Policy & Implementation Committee Meeting of the APP in Seattle, Washington, USA, 19-20 May 2008.

Aluminium Task Force

Collaboration with the International Aluminium Institute (IAI)

The Aluminium Task Force held its 4th meeting on 14-15 May 2008, in association with the International Aluminium Institute (IAI) International Aluminium Forum in Cape Town, South Africa. The APP Aluminium Task Force has adopted IAI indicators and data definitions for their reporting to monitor progress against an agreed sustainability benchmark, to ensure accurate and consistent data collection. The Task Force has also contracted the Institute to provide statistical support for the Aluminium Measuring and Benchmarking project (ATF-06-01), with the goal of developing sustainability indices for measuring and benchmarking the APP aluminium sector's relative performance.



Aluminum Task Force Members in Cape Town, South Africa, 14-15 May 2008.

The Aluminium Task Force also continues to welcome and encourage all interested technology providers to explore and register in the APP's Aluminium Industry Technology Database. Instructions for how to do so are provided at the following sites:

The database can be found through the APP website at: http://www.asiapacificpartnership.org/aluminium_directory.aspx. It can also be accessed directly via: www.apaluminiumtech.org. Please visit the Aluminium Task Force website at: http://www.asiapacificpartnership.org/tf_aluminium.aspx.

Buildings and Appliances Task Force

Phase-Out 2008

More than 100 delegates from over 20 countries attended the Phase-Out 2008 conference in Shanghai, China, 12-16 May 2008. Attendees represented a range of lighting companies, industry organizations, government regulators and non-governmental organizations. The conference was an opportunity for key stakeholders to meet and exchange information on the innovative initiatives taking place around the globe to phase out incandescent bulbs in favor of more energy efficient lighting options. Stakeholders also discussed key challenges to the phase-out and implications for industry and identified how the move towards efficient lighting can benefit by cooperation at the regional and international levels.

The Australian Government organized the conference in support of the Task Force's Lighting Working Group's project BATF-06-01 - Harmonization of Test Procedures. For the Conference, the APP partnered with the Global Environment Facility, the United Nations Environment Programme, the United Nations Development Programme, the China Association of Lighting Industry and the International Energy Agency.

Delegates of the conference visited one of the world's largest compact fluorescent lamp (CFL) manufacturers, TCP Incorporated, to inspect an integrated factory that undertakes every part of the CFL manufacturing process.



Lab operator at TCP, Inc. (*The Plain Dealer*.)

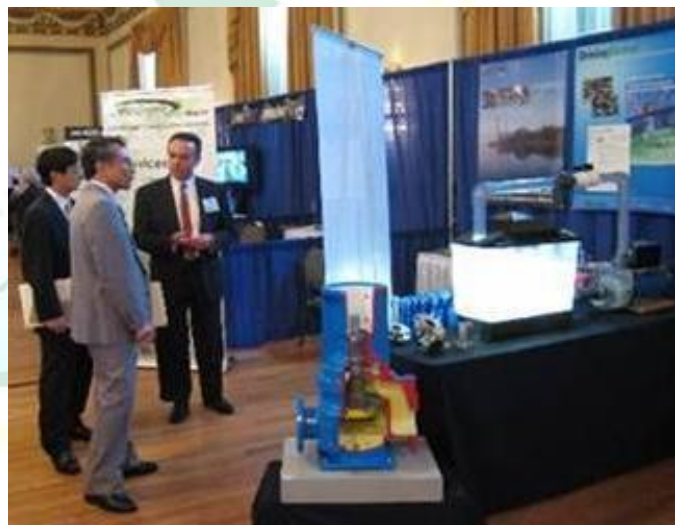
For more information on Phase Out 2008, please visit:
http://www.asiapacificpartnership.org/phase_out_2008.aspx.

To visit the APP Buildings and Appliances Task Force webpage, please go to:
http://www.asiapacificpartnership.org/tf_buildings_appliances.aspx.

Cement Task Force

Clean Cement Technologies

The United States hosted the APP Expo of U.S. Clean Cement Technologies, 13-15 May 2008 in Charleston, South Carolina, USA. The Expo was undertaken in fulfillment of Subproject 4 under the APP Cement Task Force Flagship project CMT-06-07 - Hazardous Wastes-Best Practices for Co-Processing and Management in Cement Kilns. It showcased U.S. technologies applicable to the use of alternative fuels and raw materials and highlighted U.S. companies that specialize in goods and services related to energy efficiency, pollution prevention, and the use of alternative fuels in cement production. The Expo was held in conjunction with the fifth meeting of the APP Cement Task Force.



Delegates attending the APP Expo of U.S. Clean Cement Technologies.

For more information on the activities of the Cement Task Force, please visit:
http://www.asiapacificpartnership.org/tf_cement.aspx.

Cleaner Fossil Energy Task Force

Carbon Capture and Storage

On 31 March - 3 April 2008, Australia hosted a joint Task Force meeting of the Cleaner Fossil Energy and the Power Generation and Transmission Task Forces in Melbourne, Australia. In conjunction with this meeting, a workshop on Ultra-Supercritical Pulverised Coal and

Carbon Capture and Storage (CCS) was held with participants from APP Partner countries. The CCS component focused on carbon storage technologies, and featured sessions on the Gorgon Carbon Dioxide Injection Project; the CO₂ CRC Otway Project - Australia's First Storage Demonstration Project; and the Cooper Basin as a Regional Carbon Storage Hub. Workshop participants also had the opportunity to participate in site visits to CO₂ capture facilities including the Loy Yang and Longford plants in Australia. The meeting was well attended with representatives from government, industry and the research community.

This workshop was held in partial fulfillment of project CFE-06-02, with the aim to develop guidelines for the design and integration of CCS with ultrasupercritical power stations in Partner countries.



Site visit to carbon capture plant in the Latrobe Valley of Australia.

Presentations made at the meeting and the workshop are available at:
http://www.asiapacificpartnership.org/cfe_tf_meeting_melbourne.aspx.

Visit the Cleaner Fossil Task Force webpage at:
http://www.asiapacificpartnership.org/tf_fossil_energy.aspx.

[Coal Mining Task Force](#)

India Overburden Slope Stability

Members of the Coal Mining Task Force conducted mine site visits and a workshop in India from 17 April to 1 May, 2008. The objective of the site visits were to assess slope stability problems occurring on in-pit and out-of-pit overburden spoil piles at Coal India Limited

(CIL) surface coal mines. The Task Force team visited and photo-documented five CIL mines at the Western Coal Limited and Northern Coal Limited coal fields.

The Task Force members also conducted a slope-stability workshop at the CIL Coal Mine Planning and Design Institute in Ranchi, India. The purpose of the workshop was to exchange knowledge and experiences with CIL engineers on slope stability principles and best practices, slope stability analysis and monitoring techniques, and spoil-fill construction practices. Workshop participants discussed problems encountered at the CIL mine sites and explored several potential remedies.



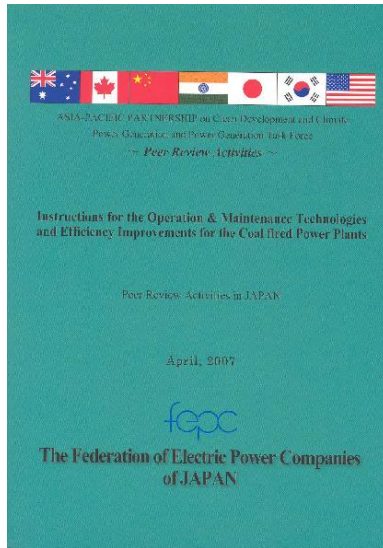
Mine Superintendent of Jayant Mine in India describing slope stability problems.

For more information on APP Coal Task Force projects, please visit:
http://www.asiapacificpartnership.org/tf_coal_mining.aspx.

[Power Generation & Transmission Task Force](#)

Green Handbook of Peer Reviews

The Federation of Electric Power Companies of Japan published a Green Handbook of Peer Reviews in April 2007 as a contribution to PGT-06-01 - Best Practices for Power Generation. The textbook describes important issues associated with maintaining and enhancing levels of heat efficiency at coal-fired thermal power plants. The comprehensive handbook includes a summary of thermal power generation in Japan, a description of operational control and maintenance best practices, and recommended environmental safety provisions for power plants.



The handbook is accessible via the Task Force webpage: http://www.asiapacificpartnership.org/powergen_docs.aspx. The handbook can also be found at: http://www.fepc.or.jp/english/environment/asia-pacific/green_handbook_peer/index.html. For more information on the Power Generation and Transmission Task Force, visit: http://www.asiapacificpartnership.org/tf_powergeneration_transmission.aspx.

Renewable Energy & Distributed Generation Task Force

Policy Inventory & Analysis

Industry Task Force members who convened at an Industry Roundtable at the 3rd Renewable Energy & Distributed Generation Task Force (REDGTF) meeting in March 2007 proposed that the Task Force complete a policy inventory and analysis of measures that have been implemented to support RE & DG industry development in APP countries. At the 4th REDGTF meeting in November 2007, Partners provided a brief overview of key policies and incentives governing and promoting the deployment of RE & DG in each country.

At the recent 5th Meeting of the Renewable Energy & Distributed Generation Task Force held 26-28 May 2008 in Seoul, Korea, Task Force members continued the ongoing discussion of their policy inventory and analysis, described as a strategic action of the Task Force, and reported on updates of existing policy measures that directly support renewable energy and distributed generation in APP countries. The inventory

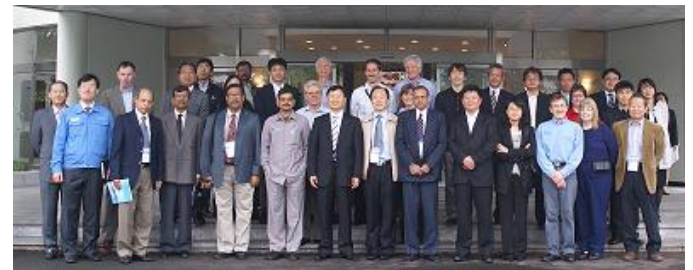
is intended to support the work of the Task Force by providing a useful resource guide for decision makers on the topic of creating business environments conducive to RE & DG development and deployment. It also expected to serve as an invaluable tool for industry to use to demonstrate to APP governments the conditions needed to stimulate investment.

For more information on the Renewable Energy & Distributed Generation Task Force, please visit: http://www.asiapacificpartnership.org/tf_renewable_energy.aspx.

Steel Task Force

5th Task Force Meeting and 4th Workshop

The Steel Task Force held its 5th Task Force Meeting and 4th Workshop and Plant Tour in Busan, Korea on 14-17 April 2008. The 4th Workshop is part of project STF-06-01, to provide a regular means of exchanging policy and technical information on energy savings, environmental protection, and recycling in the steel sector. Presenters from Korea included Hoo-Geun Lee of Pohang Iron and Steel Company (POSCO) who spoke on Finex, an innovative iron-making process, and Dr. Ku-Yong Kim of Hyundai Steel who discussed the eco-friendly handling process of raw materials in integrated steel mills. Mr. Zou Kuan, of Baoshan Iron and Steel (Baosteel) represented China and spoke about Baosteel's energy saving and emissions-reducing practices. Dr. A.K. Das of Essar Steel in India gave a presentation on clean steel making initiatives at Essar Steel. During the plant tour to POSCO's Pohang Steelworks on April 17th, participants were able to learn more about the environmentally compatible technology of Finex.



Participants of the 5th Task Force Meeting in Busan, Korea.

To see the complete list of workshop presentations, please visit: http://www.asiapacificpartnership.org/steel_tf_meeting_5th.aspx. For more information on the Steel Task Force, visit: http://www.asiapacificpartnership.org/tf_steel.aspx.