

SIDE EVENTS March 17 & 18

March 17

Carbon Finance in Energy Projects WBI.

Time: 9:00 am – 12:30 pm

Contact: Charles Cormier

Preston Overflow Room

Through Carbon Funds (such as the Prototype Carbon Fund), the World Bank Carbon Finance Business has been pooling private and public sector capital to purchase emission reductions credits from projects in developing countries and economies in transition. It is using structured finance in a number of innovative ways to enable the enhanced revenues from carbon sales to improve projects' access to commercial financing, and in some cases, greatly improving the odds of reaching financial closure. Carbon finance is an attractive supplement to regular IBRD and IDA lending, increasing revenues to projects for environmental services rendered for which there was previously no source of payments, and helping clients and the private sector tap into a much larger pool of capital in the emerging carbon market. Participants will be introduced to the concept of carbon finance and to the tools necessary to screen projects for carbon finance. They will also learn about recent developments in carbon finance.

Strategic Environment Assessment in the Energy Sector

Time: 9:00 am – 2:00 pm

Moderators/Contacts: Jean-Roger Mercier/Kulsum Ahmed

Room MC 4-800

The aim of the course is to provide participants with a better understanding of the application of strategic environmental assessment (SEA) as a tool in the energy sector. The World Bank describes SEA as a participatory approach for mainstreaming environmental and social issues to influence policy making, development planning and programming, and implementation processes at the strategic level. SEA is a tool that is applied at the Bank in the context of sector investment loans, as well as development policy loans. Featured case studies will include a recent energy-environment review and the use of SEA in the context of hydropower development.

9:00 am	Breakfast
9:15 am	Course Objectives and Participants Self Introduction
9:30 am	What is SEA, how do you do it and why is it useful, followed by Q&A
10:15 am	Break
10:30 am	Case studies <ul style="list-style-type: none"> • Energy-Environment Review for Egypt ▪ Sectoral EA of the hydropower sub-sector in Nepal
11.30 am	Applying SEA in the context of my energy project/dialogue - small group exercise
12:30 pm	Lunch
1:30 pm	Presentations of results of small group discussion, wrap up and next steps

Innovative Power Transmission and Distribution Concepts Solutions Training

Time: 9:30 am – 12:30 pm

Room H 4-290

Presenter/Contact: Dietmar Retzmann, Siemens AG - Director, Technical Marketing & Innovations HVDC and FACTS

This course covers the development and emerging trends in power solutions in transmitting bulk power economically over long distances. Focus is on the increasing applications of HVDC (High Voltage Direct Current) and FACTS (Flexible AC Transmission Systems). The aim is to provide participants with a better understanding of such emerging techniques, which are being applied already in some developing countries. The training is intended for: Engineers, Economists, and Task Managers in the Power sector who needs a better understanding of the trends, limitations, and costings of High and Medium voltage Transmission and Distribution Systems which would be relevant to their work especially pertaining to Power Pools, Regional Integration, or Energy Security and Development. Recommended prior knowledge: a basic knowledge of electrical engineering is recommended but is not compulsory. Other aspects of the program, such as the sections on costings and the applications, should be highly relevant for all participants.

Sustainable Bio-Energy Trade - Technical working meeting of IEA Task Force #40**Time: 9:30 am –5:00 pm****Moderator/Contact: Boris Utria****Room MC 4-W150**

Many countries are looking into the problems and opportunities of bio-energy development. Prospects for international trade and poverty (social and economic) impacts of bio-energy development are two key areas of interest. This workshop will cover presentation and discussion sessions on: (i) experiences with developing the use of bio-energy in a sustainable development setting; (ii) opportunities and impacts of international bio-energy trade; and (iii) bio-energy and poverty alleviation: socioeconomic implications and benefits. This side event is sponsored by the Energy and Poverty Thematic Group and organized in collaboration with IEA Task 40 (Sustainable Bio-energy Trade) and IEA Task 29 (Socioeconomic drivers of Bio-energy). This workshop is open to internal and external participants.

Benefit Sharing with Indigenous Peoples on Hydro Dam Developments - The Case of Manitoba Hydro.**Time: 12:30 pm – 2:00 pm****Moderator/Contact: Daryl Fields****Room MC 5-W150****Presenter: Ms. Joy Kovnats, Manager, Major Projects Impact Management Negotiations, Manitoba Hydro.**

Manitoba Hydro is the state-owned utility in the province of Manitoba, Canada, providing electric service to over 500,000 customers in Manitoba and an exporting capability of up to 2200MW of power to the United States annually. Virtually all of Manitoba Hydro's is from self-renewing water power. Most of Manitoba's generating capacity is concentrated in the northern part of the province that is largely inhabited by indigenous peoples with treaty rights to the land, and with livelihoods subsidized by subsistence activities from the land. Several years ago, Manitoba Hydro identified several Dam projects for development. The 200MW Wuskwatim Project is one of three projects. In order to gain the support of the local indigenous communities, Manitoba Hydro undertook negotiations with the local indigenous communities concerning an equity stake in the projects, and training and employment on the construction and operations & maintenance of the projects. Ms. Joy Kovnats, Manager, Major Projects Impact Negotiations for Manitoba Hydro, will describe the process that Manitoba Hydro and their partners in the indigenous communities have undertaken, and discuss the challenges and opportunities that are presented by this innovative approach to gaining community support and participation in power development.

March 18**Sustainable Bio-Energy Trade - Technical working meeting of IEA Task Force #40****Time: 9:30 am – 5:00 pm****Moderator/Contact: Boris Utria****Room MC 4-800**

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Review workshop of the Bank/GEF solar thermal portfolio**Time: 9:30 am – 3:00 pm****Moderator/Contact: Todd Johnson****Room MC 4- W150**

A review of the Bank/GEF solar thermal portfolio is currently being carried out for the Bank (ENVGC) by CSIR-South Africa. The consultants are evaluating the four solar thermal projects in India, Mexico, Morocco, and Egypt, and in particular the difficulties that the portfolio has experienced in moving forward to implementation. This workshop is to discuss some of the initial findings of the CSIR team, and to hear the perspectives of developing country representatives, the solar thermal industry, and other experts and policymakers involved in promoting advanced renewable energy technologies.