Multilateral Solar and Wind Working Group

Side Events of the fourth Clean Energy Ministerial

The Global Atlas for Solar and Wind Energy, and

The Economic Value Creation of Solar and Wind Project

Date: April 16th, 2013, 14.00 – 18.00

Location: Hall Magnolia, India Habitat Centre, Lodhi Road, New Delhi 110003

Agenda

A light lunch will be served prior to the event

14:00-14:15 – Welcome and introduction

- Welcome by TERI
- Workshop introduction by Germany and Spain on behalf of the lead countries

14:00 – 16:00 - Session 1: The Global Solar and Wind Atlas

The Global Atlas was initiated by the Multilateral Working Group for Solar and Wind Energy Technologies under the Clean Energy Ministerial and is coordinated by IRENA.

The first version of the Global Atlas was released during the high-level segment of the IRENA Assembly in January 2013. It is an interactive internet-based mapping platform designed to raise awareness on the renewable energy resources, and perform preliminary assessments of the renewable energy potentials. It provides the initial elements necessary to investigate renewable energy potentials before initiating detailed national investigations and building human capacities. The infrastructure for the solar and wind Atlas is open and flexible. Currently, 39 countries are contributing to the Global Atlas and the partnership will be continuously widened. Representatives of the private sector are also involved in the Global Atlas Partnership.

The side event aims at bringing together all relevant stakeholders, in particular addressing the private sector to address questions of their involvement and engagement.

Presentations for session 1

1. Welcome and Introduction, *Anders Hasselager, Denmark*
2. Global Atlas status and perspectives, *Nicolas Fichaux, IRENA*
3. UNEP's involvement to the Global Atlas, *Manfredi Caltagirone, UNEP*
4. Return of experience on resource mapping in India
    a. *Dr S. Gomathinayagam, CWET*
    b. *Mr Alok Kumar Jindal, TERI*
5. Presentations from the private sector on the added value of resource mapping and spatial planning to secure investments
    a. *Mr Dilip Kumar Pakkam, Germanischer Lloyd Garrad Hassan*
    b. *Mr Chintan Shah, Suzlon*
6. Discussion, questions and answers

16:15-18:00 – Session 2: Economic Value Creation of Solar and Wind Project

Recent decades have seen an increase in the large-scale deployment of renewable energy sources and policies to support this deployment. Widely cited drivers for this increase include mitigation of climate change, improved energy security and widened access to energy. In addition, economic benefits such as increased income, industrial development and job creation have often been stated as potential benefits.

Apart from the positive effects on employment, only few other clear conclusions can be drawn regarding the effects of renewable energy deployment on socio-economic variables to date. Indeed, there often is a knowledge gap on the actual economic impact that the RE sector currently has (both at the national and at the sub-national level) and on the economic opportunities that the development of a domestic renewable energy industry and deployment can create.

Analysing the economic value creation in the context of RE looks at the sectors' contribution to overall value added within an economy. This approach reflects the "gross economic benefit" that the RE sector provides. Estimating the value creation effects of renewable energy technologies delivers important arguments with regard to concerns about renewable energy deployment mainly posing additional costs to economies.

The Economic Value project will:

- Analyse existing evidence of the socio-economic impacts of massive deployment of renewable energy;
- Identify best practices in designing policy to maximise the socio-economic impacts of renewable energy;
- Develop tools to assess economic impacts of national renewable energy strategies.

Presentations for session 2

1. Welcome and Introduction, *Henriette Schweizerhof, Germany*
2. Economic Value project – status and outlook, *Rabia Ferroukhi, IRENA*
3. Preliminary results of WP2 of the project, *Sonja Roder, BMU*
4. Partner's perspective: India's contribution to the project, *Shirish Garud, TERI*
5. Partner's perspective: RETD project contribution, *Ulrike Lehr, GWS*
6. Project updates of WP4 of the project, *Ulrike Lehr, GWS*
7. Discussion, questions and answer

Please confirm your participation by sending an e-mail to DHawila@irena.org by Friday, April 12th.