

# **ESMAP THINK TANK**

## **Photo Gallery**

### **2009-2010**

**Exploring Cutting-Edge Energy Solutions**  
**ESMAP Initiatives and Partnerships**

# Highlights

**ESMAP Expert Panel**

**Low Carbon Growth Country Studies**

**Albania: Climate Change Vulnerability Assessment**

**Energy Access , Gender & Climate Change**

**Book Launch: Public Procurement of Energy Efficiency Services**

**Africa Electrification Initiative Workshop**

**World Bank's 5th Urban Research Symposium**

**Workshop to Accelerate Deployment of Concentrated Solar Power**

**Energy Efficiency Codes in Developing Countries**

**Early Findings from an ESMAP Regional Power Study**

**CO2 Emission Reduction by Princeton University Professor**



# **2009 ESMAP Expert Panel**

**“Sustainable Energy Supply, Energy Access, and Climate Change”**

**Objective: To generate new thinking and independent insight**

**October 26-27, 2009**

**Dupont Hotel, 1500 New Hampshire Avenue, NW**

**Washington, DC 20036**



*ESMAP Program Manager, Amarquaye Armar,*

**“Ideas from the expert panel will be used to identify areas for possible future ESMAP engagement.”**



**Jamal Saghir, WB Director, Energy, Transport & Water:  
Challenged the expert panel to identify new ideas to address  
energy efficiency-security-access, and climate change.**





**Expert Panel “Fish – Bowl”  
Engaging World Bank and ESMAP Staff.**



**Panelists: Fuqiang Yang, Jean-Paul Bouttes, Francis Yamba, Vikram Rao.**





Expert Panel Session Moderated by **Lew Watts** Former CEO of PFC Energy, USA  
Lew highlighted the need to engage more directly with the private sector.





**Alexander Ochs, Director, Climate & Energy WWI,  
Said technologies and solutions exist to decoupling growth and energy intensity but  
actions need to be accelerated.**



**Professor Roberto Schaeffer, Energy, Federal Uni. of Rio de Janeiro, Brazil  
Urged for comprehensive studies on energy sector vulnerability to climate change.**





**Professor Robert Socolow, Princeton University, USA  
Emphasized that while climate change is serious it is not the only consideration.**



**Nebojsa Nakicenovic, Deputy Director, IIASA, Austria  
Stressed a shift in focus to 'energy services' and a move to end-user rather than  
energy supply orientation.**





**Ahmed Ounalli** Director, Strategic Studies, & Energy Consultant AfDB  
Pointed to confusing and sometimes conflicting messages advance by the international community on energy development and associated financing.



**Alberto Troccoli, Senior Research Scientist, CSIRO , Australia  
Introduced measures to address climate risks and improved exchange of climate  
information between energy practitioners.**



**Athena Ballasteros, Senior Associate, World Resources Institute, USA  
Outlined difficulty in making energy choices in countries due to lack of  
planning hardware and software.**





**Leena Srivastava, ED, The Energy and Resources Institute, India  
Recommended new education for policymakers with a focus on implementation.**





**Mohammed Boulahya, Regional Adviser, Africa in Climate for Devt. Pushed for improved coordination of weather and climate information between energy practitioners and meteorologists.**



**Fuqiang Yang, Director, Global Climate Solution, WWF, China**

**Advocated for a blend of short & long term solutions to meet energy & climate goals.**



**Jean-Paul Bouttes, Vice President of Strategy, Electricité De France  
Discussed opportunities for electricity in the private sector.**





**Professor Francis Yamba, Director, Centre for Energy, CEEZ, Zambia  
Reiterated that energy access should remain a priority in Africa.**





**Vikram Rao, Research Energy Consortium, Uni. of North Carolina  
Pointed to key technology barriers linked to information asymmetry and the benefits  
of behavioral science research.**



**Fred Akuffo, Professor, Kwame Nkrumah Uni. of Science and Techn., Ghana  
Suggested use of universities as technology parks to support policy implementation.**



**Anh Tuan Nguyen, Manager, Institute of Energy, Vietnam  
Asked, “Is enough attention being paid to informal institutions and to constraints  
facing them?”**





# **2010 Social Development Network Forum & Learning Week, ESMAP Events**

**“Act Now, Act Together, Act Differently”**

**January 19 -28, 2010**

**The World Bank, 1818 H Street, NW, Washington, DC**





# Low Carbon Growth Studies *Getting Started*



The session will focus on 'how to get started on a low carbon growth country study'. This interactive workshop highlights and contrasts different aspects, processes, and approaches to implement low carbon growth studies.



Using case studies from different sectors participants will learn how to support counterpart's efforts; identify priorities; raise awareness with internal/external audiences on critical successes; and identify pitfalls associated with this work.



**Wednesday, January 27**

9:00 am - 12:30 pm

Eugene Black Auditorium  
H Building



**Panel: Lucio Monari WB, Marianne Fay WB, Christopher Flavin Worldwatch Institute**



**Lucio Monari, Energy Sector Manager WB, moderated the session on Low carbon growth studies: getting started**





**Presentation by the Co-Director of the World Development Report on Development and Climate Change 2010**



**Christopher Flavin Worldwatch Institute**

**Delivers a presentation on using low-carbon scenarios to inform policy.**

# **Climate Change Vulnerability, Risk and Adaptation Assessment**

## **Albania's Energy Sector**



**January 20, 2010**  
**The World Bank, Washington, DC**





**ESMAP's Jane Ebinger presented Albania's case study Managing future energy supply security in face of climate change.**



**Camille Naumah, World Bank, Presents Albania's case study.**



## **Think Tank Session:**

# **Energy Access and Gender in the Changing Climate Context**

**January 21, 2010**

**The World Bank, Washington, DC**





Energy Access and Gender in the Changing Climate Context Session  
Chaired by **Tjaarda P. Storm Van Leeuwen**, Energy Advisor, WB.



**Jacob Moss, U.S. Environmental Protection Agency Spoke about the need for clean indoor air.**



**Joy Clancy, University of Twente, Netherlands**

**Posited: Will climate change lead women along a low-carbon path?**





**Marta Rivera, Fundacion Solar, Guatemala  
Talked about Biomass as a necessity for the poor.**



## **Book Launch:**

# **Public Procurement of Energy Efficiency Services:** *Lessons from International Experience*

**January 21, 2010**

**The World Bank, Washington, DC**



New ESMAP Publication Outlines Energy Saving Solutions in the Public Sector





**ESMAP Program Manager, Launches New Book:  
Public Procurement of Energy Efficiency Services**



**Panel: Lead Author, Jas Singh ESMAP,  
Discussants: Abha Joshi-Ghani Manager, WB Urban Unit,  
Ira Birnbaum USAID,  
Chandra Govindarajalu, WB, Middle East & N. Africa Energy Unit.**



# **Africa Electrification Initiative Workshop**

**Organized by AFREA, ESMAP, & The World Bank**

**In cooperation with  
GTZ, European Union Energy, Forum of African Energy Ministers (FEMA),  
&  
DGIS/BMZ-funded Energizing Development Program (EnDev).**

**June 9 - 12, 2009  
Maputo, Mozambique**





**In June 2009, AFREA/ESMAP brought together African Energy practitioners to share information on implementing Africa's electrification.**



**Shahid Mohammad, Manager, Kenya Power & Lighting Company:  
Presented financing schemes for connection to the grid.**





**Noara Kebir, Manager, MicroEnergy International  
Moderator of User Financing via MFI and Utility Bills**





**Market Place: Display of Electricity Initiatives in Africa:  
Africa Electrification Initiative Workshop, June 2009.**



## **World Bank's 5th Urban Research Symposium:**

Cities and Climate Change: Responding to an Urgent Agenda

**ESMAP's Energy Efficient Cities Initiative facilitated  
two brainstorming sessions**

**June 28-30, 2009**

**Marseille, France**



Séance inaugurale du symposium  
*Welcome and opening*

Abha Joshi-Ghani, World Bank  
Katherine Sierra, World Bank  
Bruno Fulda, MEEDDAT  
Jean-Michel Debrat, AFD  
Bernard Susini, Municipality of Marseille  
Inga Björk-Klevby, UN-Habitat  
Bernard Gindroz, ADEME  
Zoubida Allaoua, World Bank  
Dr. Rajendra Pachauri, New Delhi

ESMAP Research Symposium  
www.esmap.org/research-symposium

MARSEILLE, FRANCE  
28-30 JUIN 2009

5<sup>th</sup> URBAN  
RESEARCH SYMPOSIUM

5<sup>th</sup> SYMPOSIUM  
DE RECHERCHE URBAIN

Cities and climate change  
Villes et changement climatique

Responding to an urgent agenda / Répondre à un agenda urgent

ESMAP made presentations at the 5<sup>th</sup> Urban Symposium. Opening Panel included: **Kathy Sierra**, VP; **Zoubida Allaoua**, Director; & **Abha Joshi-Ghani**, Manager Urban Unit, World Bank.





**ESMAP's Ranjan Bose, facilitated a session on Developing analytical tools for addressing energy efficiency in emerging cities.**



**ESMAP's Feng Liu Presented**

**ESMAP's initiative to help developing cities address their energy efficiency concerns.**



# **Brainstorming Session:**

## **Workshop to Help Accelerate the Deployment of Concentrated Solar Programs**

**By ESMAP & The World Bank**

**October 29, 2009**  
**The World Bank, Washington, DC**





**Jamal Saghir, WB Director, Energy, Transport & Water said, Solar energy is becoming more economically attractive as technologies improve and could meet up to 7 percent of the world's projected power need in 2030.**



**Amarquaye Armar, ESMAP's Program Manager said, ESMAP will provide technical assistance and finance analytical studies to facilitate Concentrated Solar Power deployment.**



**Lucio Monari, Energy Manager, The World Bank said, The World Bank will analyze barriers to Concentrated Solar Power technology, regulatory environments and financing arrangements.**





**Workshop aimed to accelerate deployment of Concentrated Solar Programs. Over 100 Participants attended - policymakers, donors, equipment manufacturers, utilities, and practitioners.**



# **International Workshop: Mainstreaming Building Energy Efficiency Codes in Developing Countries**

**Organized by ESMAP/Carbon Finance Unit/The World Bank**

**November 19-20, 2009  
The World Bank, Washington, DC**

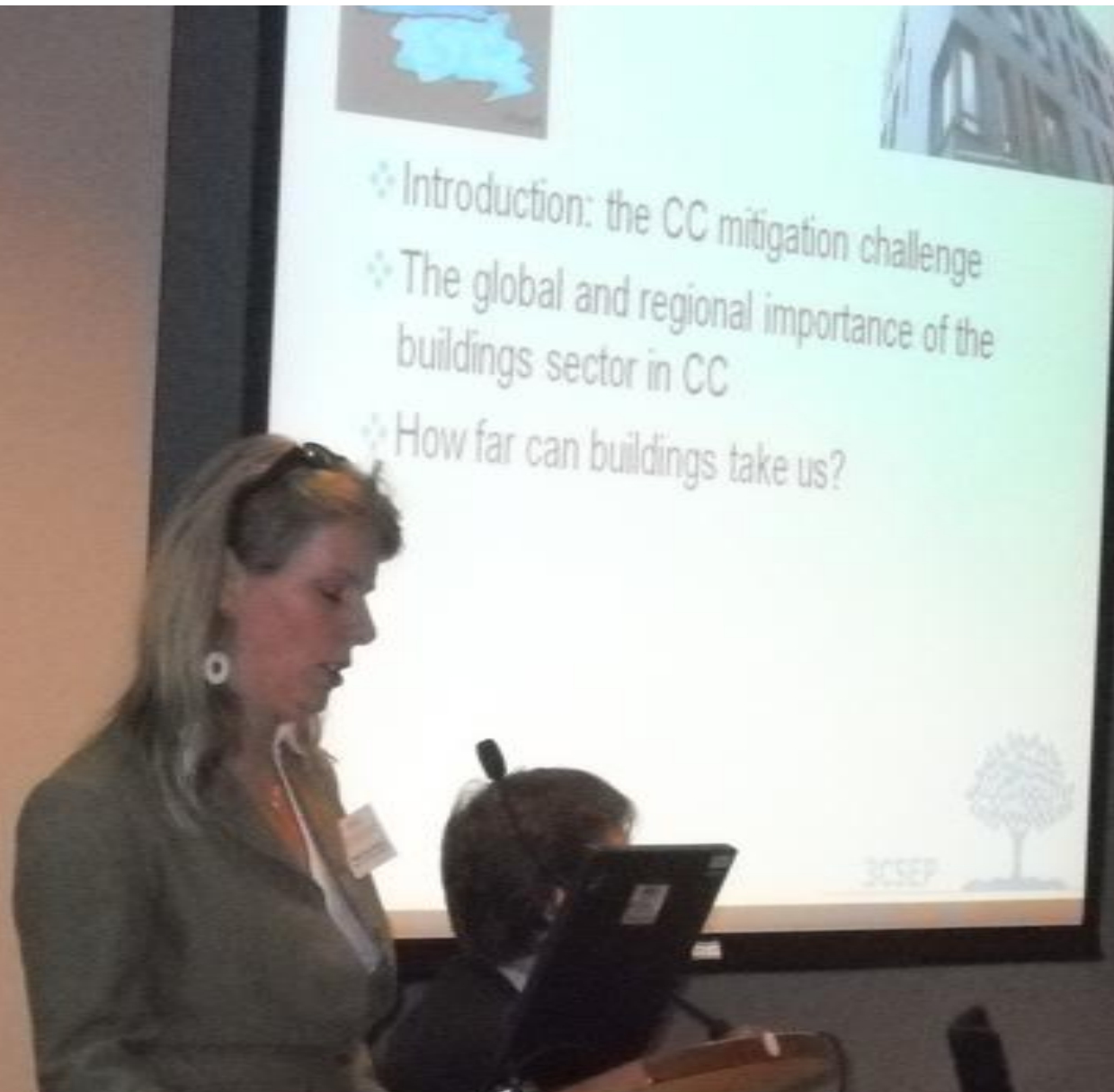


**About 50 energy efficiency practitioners met in Washington, D.C. to share experiences in developing and implementing building energy efficiency codes.**





**Istvan Dobozi Lead Energy Economist ESMAP, Opened the two day event He said the building sector has the highest potential for greenhouse gas mitigation.**



Professor Diana Urge-Vorsatz, Central Europe University, Hungary  
Said CO2 mitigation in the buildings sector has enormous opportunities.



**Feng Liu, ESMAP,**

**Concluded that, it takes time, resources and political commitment to succeed in implementing building energy efficient codes, citing China's example.**





# **Regional Energy Integration: Early Findings from an ESMAP Regional Power Study**

**November 10, 2009  
The World Bank, Washington, DC**

Regional Power  
Integration:

*Early Findings from an  
ESMAP Regional Power  
Study*

Peter Robinson  
peter.robinson@eca-uk.com

ESMAP

ECA



**Panel: Istvan Dobozi & Jonathan Coony, ESMAP,  
Presented by : Peter Robinson, Economic Consulting Associates  
The discussion informed ESMAP's new Regional Energy Integration Program.**



**Early findings of power sector integration efforts in twelve countries, show the potential for enhanced integration but paint a sober picture of underlying challenges.**





**The Regional Energy Integration session drew about 50 Bank staff.**



# **Brainstorming Session:** **Sharing Global CO2 Emission Reductions Among One Billion High Emitters**

**By Robert Socolow, Princeton University**

**September 14, 2009**  
**The World Bank, Washington, DC**



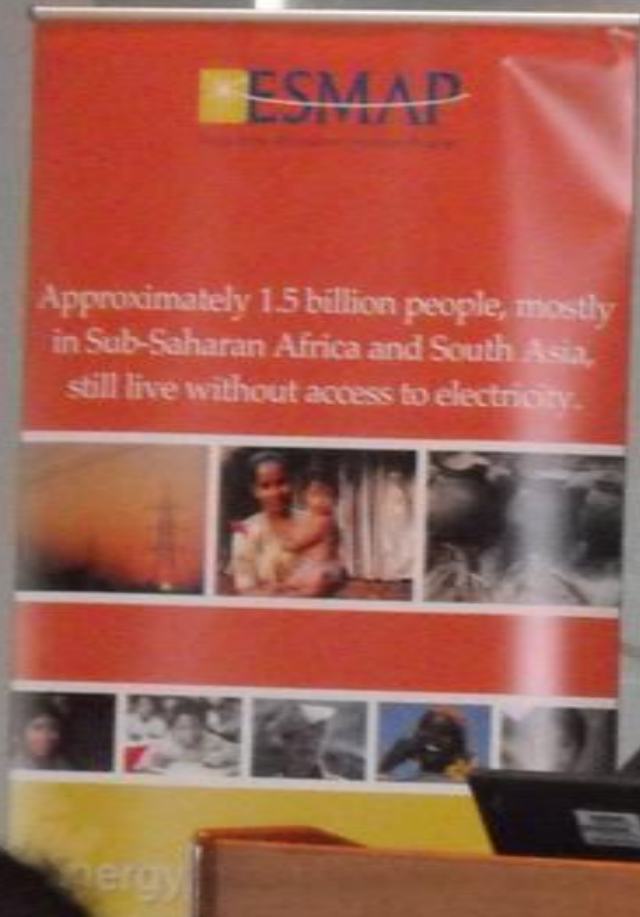
Sharing global CO2 Emission reductions: attended by over 100 participants  
And Organized by ESMAP and the Carbon-Finance Assist Program





**Panel:**

**Kwei Armar, ESMAP, Prof. Robert Socolow, Princeton University, Jane Ebinger, ESMAP.**



**Prof. Socolow, Princeton University Presents  
New ways of sharing global CO2 emissions reduction among one billion high  
emitters.**

# ESMAP 2009-2010

## HIGHLIGHTS

### Third Party Voices

- ❑ **2009: US Senator John Kerry Hails ESMAP at a World Bank event on Challenges of Climate Change.**
- ❑ **2010: A Beneficiary of ESMAP's Lighting Africa Initiative Wins a UN Prize**





**US Senator Kerry Hailed ESMAP for Providing Energy Options to Countries  
“We need more initiatives like ESMAP to help countries find their optimal energy  
mix.” November 18, 2009.**



**ESMAP's beneficiary wins prestigious UN Sasakawa Prize, Sameer Hajee said the lighting system, started with seed-funding from the World Bank's Lighting Africa Initiative." Jakarta Post, Feb. 24, 2010.**