

# Energy Efficiency

## What Works and What Doesn't – Lessons from Evaluations



GLOBAL ENVIRONMENT FACILITY  
EVALUATION OFFICE

Energy efficiency remains a promising but elusive means for combining local economic benefits with greenhouse gas reductions. It is a keystone of plans to limit global temperature rise by two degrees, but many apparently profitable opportunities for energy efficiency remain ungrasped due to market and policy barriers. This session presents lessons on how to overcome those barriers, based on independent evaluation of the experience of the Global Environment Facility (GEF) Evaluation Office and of the International Finance Institutions (IFIs).

Tuesday December 6, 2011 • 13:15 - 14:45 • Room Indwe River • Durban Exhibition Centre

### BACKGROUND

Lessons have been drawn from independent evaluations on what may be done to improve the efforts of the global community, and especially the efforts of the International Financial Institutions on supporting energy efficiency which brings reduced green house emissions.

The international discourse concerning climate change is increasingly placed in a perspective of moving toward a “green” economy. Energy efficiency features prominently in these discussions since it appears to be a win-win option that would allow for “green” economic growth. The IFIs have a long history of supporting countries to tackle energy efficiency and could play an important role in implementing this agenda. This session aims to present the evaluative evidence emerging from this rich history as well as possible steps forward.

There seems to be a consensus that the elements for a strong contribution of energy efficiency to a greener economy are in principle available, but that political will, and market and technological barriers prevent a fundamental and global shift. This session will also look at the support through loans and grants that the IFIs have provided on energy issues, specifically related to GHG emission reductions. It thus focuses on one major element of what would constitute a greener economy.

After presentations of specific evaluative evidence from the World Bank Group and the Asian Development Bank, Thomas Heller will provide a broader climate change finance perspective on energy efficiency.

### PRESENTATIONS

#### Briefing Note on Energy Efficiency & GHG Emissions Reductions

Rob D. van den Berg, Director, GEF Evaluation Office

#### Leverage & Transformation in Financing Green Growth

Ken M. Chomitz, Sr. Advisor, IEG World Bank

#### Balancing Energy Supply-Side Expansion & Energy Efficiency Improvements in Asia

Kapil Thukral, Sr. Evaluation Specialist, Independent Evaluation Department, ADB

#### Energy Efficiency in the Context of Climate Finance & Policy

Thomas C. Heller, Executive Director, Climate Policy Initiative

The Community of Practice housed within the GEF Evaluation Office, will be broadcasting the event through the internet to the Climate-Eval's network of experts to showcase new and pioneering practices of sharing information and learning.



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