

The Future of Energy Efficiency Finance Workshop

Introduction

Lisa Ryan

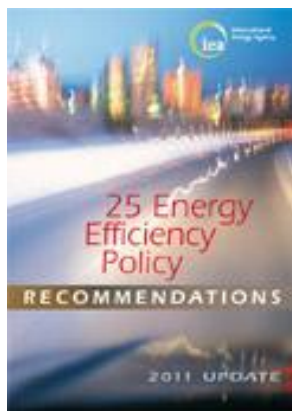
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**International
Energy Agency**

25

Energy Efficiency Recommendations across 7 Sectors



Worldwide Implementation Now

Cross-sectoral



Buildings



Appliances and
equipment



Lighting



Transport



Industry



Energy utilities



Cross-sectoral

- 1 Data collection and indicators
- 2 Strategies and action plans
- 3 Competitive energy markets, with appropriate regulation
- 4 Private investment in energy efficiency
- 5 Monitoring, enforcement and evaluation

Cross-sectoral

Appliances and equipment

Lighting

Transport

Industry

Energy utilities

Objectives of IEA analysis in energy efficiency finance

- **To provide guidance on the role of public policy and finance in catalysing private investment in energy efficiency through:**
 - **Networking with the private and public sectors to develop assessment of financing needs and gaps**
 - **Collecting data on public incentives and finance (economic instruments) programmes and evaluate their outcomes in terms of energy savings and cost effectiveness**
 - **Examining climate finance as a means to financing energy efficiency**
 - **Tracking financial flows in energy efficiency**

Key questions for this workshop

- How can public policy and finance best catalyse private sector investments in energy efficiency?
- What is the interlinkage between economic instruments and other policies?
- How can we ensure that public finance is used to achieve ambitious energy efficiency measures?
- Which innovative financial mechanisms encourage greater scale-up of energy efficiency financial investment? (at individual and commercial levels)
- How should we be evaluating financial mechanisms?
- How can **IEA** best help policymakers on these issues?

Morning Workshop Programme

9:00 Introductions

Moderation: Philippe Benoit, Head Energy and Environment, IEA

Welcome: Fatih Birol, Chief Economist, IEA

9:15 Energy efficiency finance and the IEA

i. Scoping: Lisa Ryan, IEA

ii. Overview of economic instruments to catalyse investments in energy efficiency policy: Anuschka Hilke, IEA

9:45 Economic instruments for low energy buildings

Moderation: Robin Ried, World Economic Forum

i. Low energy buildings - the challenge and goals: Yamina Saheb, IEA

ii. Economic instruments for low energy buildings: Ingrid Holmes, E3G

Discussion

10:45-11:15 BREAK

11:15 Country round table: What have we learned from experiences with economic instruments so far in delivering low energy buildings?

i. Ireland: Josephine Maguire, SEAI

ii. New Zealand: Christine Patterson, EECA

iii. Denmark: Mikael Skou Andersen, EEA

iv. US Appliances : Stephane de la Rue du Can, LBNL

Discussion

12:30-14:00 LUNCH

Afternoon Workshop Programme

14:00 Financial policy instruments

Moderation: Mikael Skou Andersen, EEA

i. Concessional loans

- Germany: Gudrun Gumb, KfW
- France: Mélanie Barcet, Ministry of Ecology, Sustainable Development, Transport and Housing

ii. On-bill schemes

- US: Property taxes and utility bills: Catherine J. Bell, ACEEE
- iii. Energy performance contracting
- European experience with ESCO finance: Alexandra Langenheld, JRC

Discussion

15:30-16:00 BREAK

16:00 Innovative funding mechanisms for energy efficiency

Moderation: Dean Cooper, UNEP DTIE

- Learning from clean energy funding mechanisms: Cecilia Tam, IEA
- Investment funds: Ben Caldecott, Climate Change Capital
- European Energy Efficiency Fund: Robert Nuij, DG Energy

Discussion

17:30 Developing a way forward in energy efficiency finance

Moderation: Lisa Ryan, IEA

- Discussion
- Next steps