Expert Group Meeting:

Upscaling EE projects in building sector

Issues for discussion

Round Table

Tunis
26 September 2012
1. Potential for Upscaling EE projects in building

2. Pathway for a regionnaly integrated appoach

Tunis
26 September 2012
Energy in Buildings

Comprehensive Agenda (25-26 September) ➔ a complete picture of the building related EE issues:
- Importance of the building sector
- EE Potential
- Approaches to scaling up EE
- GHG impacts and perspectives
- Economic impacts
- Sustainable cities
- Arab experiences
- European experiences
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- **Some key indicators:**
  - Fast growing sectors (Final Energy): 4-6% per annum
  - Growing contribution in the Final Energy Balance: 20-30%
  - 30-35% of the Primary Energy Consumption

- **Highly subsidized sector**
  - No rationale to investing in EE for consumers (high Payback-period)
  - EE → Large benefits for Nation on short and LONG terms
  - Highly Voluntarist actions from Governments are needed
Current situation in the Arab World:

- Standards for new buildings:
  - Mandatory in Residential buildings in 5 countries over 18
  - Mandatory in Public/Non Residential buildings in 5 countries over 18

- Lighting initiatives:
  - Labeling for lighting in 5 countries
  - 8 countries over 18 implemented at least one promotional/incentive action
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**Relevant EE actions:**

- **Quality construction:**
  - Construction materials
  - New buildings (Regulations+Labeling+MEPS+Finance+Control)
  - Existing buildings (Retrofitting→insulation, Finance)

- **Equipement**: Lighting including Street lighting, Cold appliances, Air Conditioning, Water heating, etc. (Regulations+Labeling+MEPS+Finance+Control)

- **Operations of the equipment**

- **Behavior**: Communication + Awareness
Regionally Integrated Actions:

- Exchange of experiences (including with Northern countries)
- Implementation of Common and coordinated Programmes
# Energy in Buildings

## Issues to address:
- **Institutional Framework**
- Regulatory activities
- Technical activities (thematic areas, *evaluation of the potential*, capacity building, etc.)
- Finance Mechanisms (incentives, credit lines, etc.)
- Organisational Framework (Capacity building, Control, etc.)
- Industrial, Employment, and Environment implications
- Research
« Energy Retrofit of Buildings – Stakes and methods » (B. Laponche & Al.):

☑ Google the following: « «Focales afd » , then « «Publications » , then « focales 8 » to have the english version within a few days
Thank you