



International
Partnership for
Energy Efficiency
Cooperation



Combining Energy Efficiency Actions & Climate Change Mitigation Lessons Learnt from IPEEC

Thibaud Voita, IPEEC
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What is IPEEC?



Members account for over 75% of world GDP and energy use.



IPEEC is an autonomous entity

It was established in 2009 at the G8 summit in Italy

It reports to G20 Summit, Clean Energy Ministerial & others

What does IPEEC do?



Policy Making/Capacity Building

Energy management

Capacity building, training

EE Indicators

Energy performance

Finance

Industrial Sector

Commercial/
Residential Sector

Utilities
Sector

Building rating

Appliances

Management & performance

Energy Provider

Compilation of national and international initiatives

Identification of Best Practices & Best Available Technologies

India: Performance, Achieve and Trade (PAT) Scheme



- Objective: EUR 960 M of energy savings by 2020;
- DCs can meet their targets through better planning & improved options;
- Exchanges are publicly available.

Sector	No. of Identified DCs	Annual Energy Consumption (Mtoe)	Targeted Energy Reduction (Mtoe)
Power (Thermal)	144	104.56	3.211
Iron & Steel	67	25.32	1.486
Cement	85	15.01	0.815
Aluminium	10	7.71	0.456
Fertilizer	29	8.20	0.478
Paper & Pulp	31	2.09	0.119
Textile	90	1.20	0.066
Chlor- Alkali	22	0.88	0.054
Total	478	164.97	6.686

China's Plan to Reduce GHG Emissions in the Industry



Objective: emission from industry to be reduced by 21% (2011- 2015)

- New standards in terms of energy use & emissions.
- Investment controls (thermal power, steel, cement, pulp & paper, printing & dyeing).
- Promotion of new technologies.
- Enhanced use of the market to promote EE finance.
- Phasing out of old & inefficient facilities:

Sector	Production capacity to be closed
Thermal Power	20 billion watts
Iron & Steel	48,000,000 tons
Coke	42,000,000 tons
Cement	370,000,000 tons
Paper	15 billion tons

Mexico's Sustainable Housing Programme's Finance Strategy



Mexico's Sustainable Housing Programme combines:

- Regional Planning,
- Urban Development & Design, and
- Sustainable Housing...

...& includes various **Finance mechanisms**:

- Green mortgages,
- National policies & measures such as:
 - « Esta es tu Casa » programme, &
 - Desarrollos Urbanos Integrales Sostenables (DUIS),
- 2 NAMAs:
 - Housing &
 - Urban.

Linking EE & Climate Change

EE could amount for almost $\frac{1}{2}$ of the total abatement of GHG emissions by 2020 (1.5 Gt of CO₂) (IEA)

- EE is the largest & most cost effective option to mitigate climate change,
- However, EE-related GHG emission reductions still remain untapped,
- We know what are the best practices but we still need to implement and disseminate them.

How can IPEEC Work with UNFCCC?



- IPEEC can play a forum role on EE-related climate change actions,
- IPEEC can support the creation of linkages between NAMAs and EE,
- IPEEC member countries can benefit from IPEEC activities in their climate change mitigation actions.

Please contact us for more information



- Thibaud Voita, IPEEC
→ Thibaud.voita@ipeec.org

