

Sustainable Energy Technology at Work - SETatWork

Matchmaking event objectives

15-16th March 2010,
Inspire Hall, Hotel Le Meridien, New Delhi, INDIA



INDIA – Overview

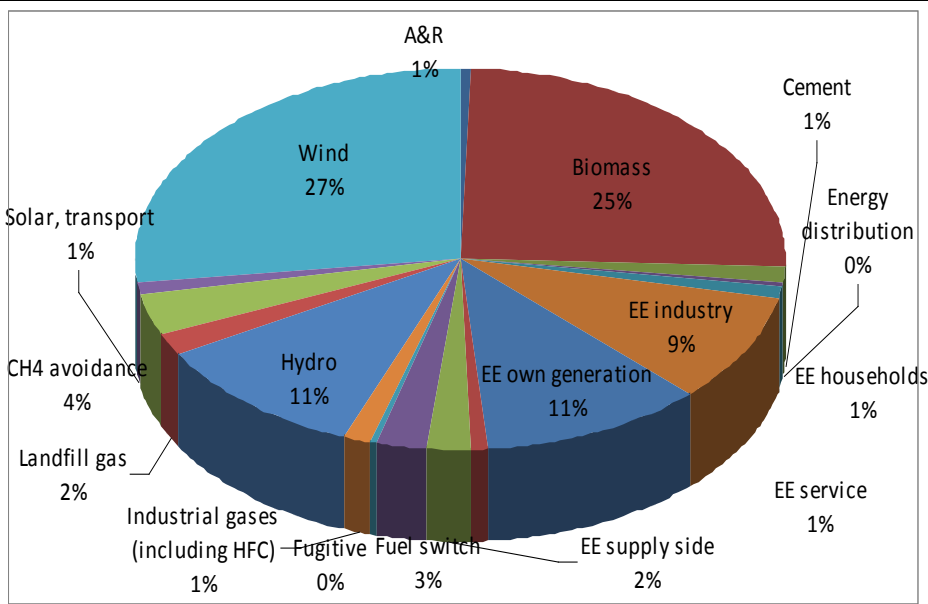
- **Supply:** Coal (53%), natural gas (10%) & oil (1%) are the primary commercial energy sources
- Increasing energy demand is leading to energy shortages and subsequent energy imports
- **Power from renewable:** Mainly wind and hydro.... forays into off grid renewable power as well
- **Targets**
 - To provide power to all by 2012 (MoP)
 - Per capita electricity consumption – 1000 KWh/year (2011-12)
 - 10% installed capacity to come from renewable by 2012
 - 20 GW from solar by 2022 (MNRE)

Energy Efficiency measures

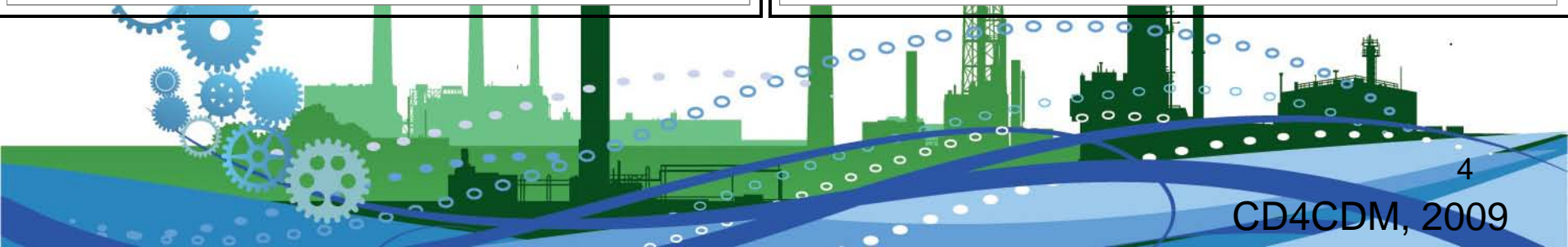
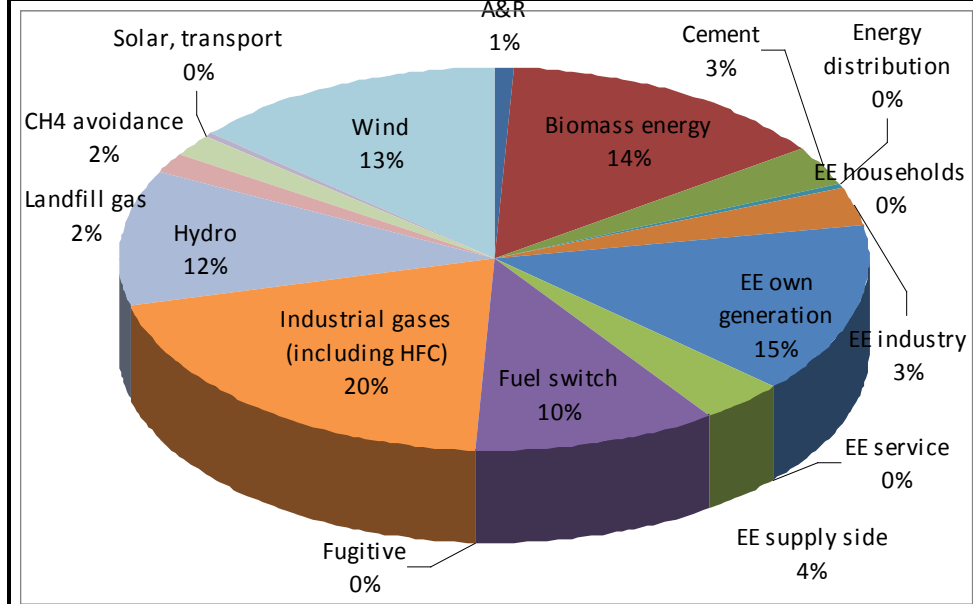
- Energy Efficiency being promoted by BEE
 - Bachat Lamp Yojana, DSM, Standards & Labelling Scheme, Energy Conservation Building Code (ECBC)
- Enhanced Energy Efficiency Mission (NAPCC)
 - **Energy saving certificate trading scheme (PAT)**
 - Partial risk guarantee to financial institutions for supporting **ESCOs**
 - Market transformation using carbon market
 - Fiscal signals for commercial and industrial users

CDM Market & Energy Efficiency

Distribution of projects



Distribution of CERs



CDM Market Development

- Key observations: 491 projects registered
 - One fourth are different type of energy efficiency
 - Maximum projects from EE in own generation and industry
 - Demand side yet to benefit
- Overall unilateral projects on the rise: 89 projects registered in 2009, 12 bilaterals
- Selling picking up, still slow
- Programmatic CDM yet to meet expectations



Matchmaking objectives

- Create a platform for close interaction between
 - CDM project developers in India,
 - Sellers and buyers of carbon credits,
 - Sustainable Energy Technology providers and
 - Industry representative in EU-ETS
- To highlight technologies needed in India and identifying those available in EU to promote energy efficiency in India by facilitating Business-to-Business (B2B) meetings
- To ensure that platform goes beyond the event



Matchmaking objectives

- Aimed to contribute towards meeting the targets to be proposed in NMEEE
- Main topics suggested for discussion:
 - Technology requirement and availability,
 - Forging partnerships
 - Identification of financing structures
- B2B meeting for experience sharing and carbon credit purchase
- Make participants familiar with SETatWork and the features available online to promote energy efficient measures.



Find out more about the activities of SETatWork
and access the SETatWork Database at:

www.SETatWork.eu

Contact the Author at: **prabhat@teri.res.in**

© SETatWork Project Partners, 2010

SETatWork is supported by the European Commission under the Seventh Framework Programme (FP7). This presentation reflects the author's views. Although the author's best efforts have been made to ensure that the information contained herein is accurate, neither the European Commission, the SETatWork Project Members nor the author are liable for any use that may be made of the information contained herein.