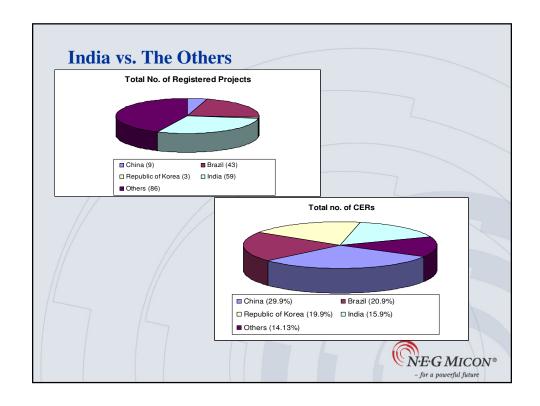


### **CDM** and India

- 200 projects registered (as on 1st June'06)
- 59 Indian projects have been registered
- Projects have accumulated 90,00,000 CERs so far
- · Projects based on renewable energy large in number
- CERs have been issued to around 10 Indian projects
- Strong support from the MoEF
- Lack of credibility of Indian projects in the international market prices offered are lower





## **EUAs and CERs**

• Difference between the EU-ETS and CDM

Commodity : EUAs Vs CERs

- Trading : European nations Vs Annex I & Non-Annex I nations

Delivery risk : Low in EU-ETS & High in CDM

- · Buyers, brokers and traders
  - Buyers are generally governments of various Annex I countries
  - Various brokers in the market
  - Online Exchange
- The ERPA
  - International Emission Trading Association Sample ERPA
  - Minimum amount of CERs
  - Failure to transfer / deliver minimum amount
- Falling prices
  - The allowance prices had reached around Euro 30
  - Slipped to 50% and even lower



### **Investors' Perception**

- Tremendous potential in the sector
- · CDM definitely a bonus over and above business as usual-foreign exchange
- UK and US trading permits for domestic industries- CDM is India's equivalent
- CDM benefits can cover O&M cost on a machine to machine basis
- Promotes green image of investors



#### Some concerns...

- · Concern over sharing of CER income with State Utility
- Low confidence about success of CDM projects especially wind projects
- · Concern over generation variability
- Buyer contracts' tenure
- Ambiguity about fees charged by UNFCCC
- As the carbon market matures and transactions actually occur, there will be greater confidence amongst all stakeholders



# Post Kyoto?

- The first commitment period of Kyoto Protocol expires on 2012
- Possibility of "emission-cap" on India for the next phase of the protocol
- Number of regional, national and interest-specific efforts likely to emerge to achieve the common objective
- Similar markets already exist for the SO<sub>x</sub> in the United States





