

# **IGES CDM Capacity Building Programme in Asia**

## ***- Lessons learned and findings -***

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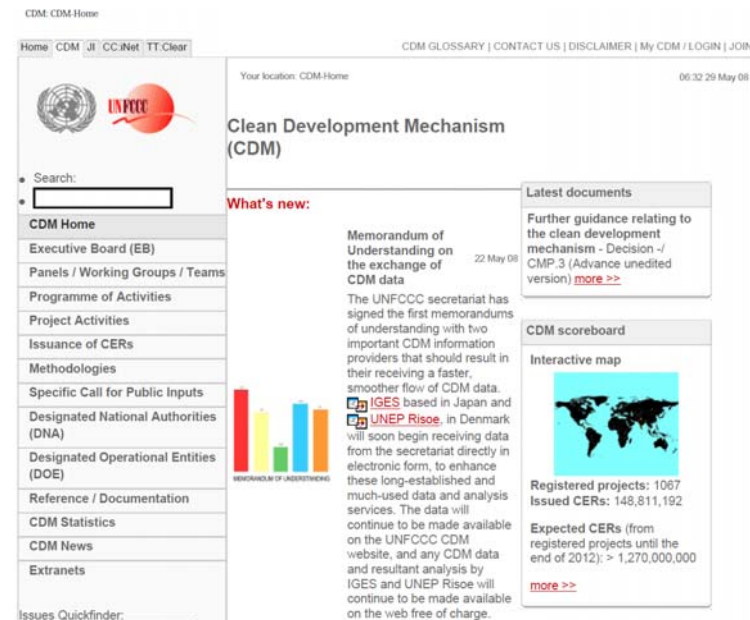
# IGES



- Established in 1998
- Conduct a pragmatic and innovative strategic research for sustainable development in Asia-Pacific region
- Headquarter: Hayama, Kanagawa, Japan
- 5 branch offices incl. Bangkok and Beijing
- Research area: climate policy, biofuels, forest conservation, freshwater, waste and resources, business and the environment, capacity development and education
- 100 staffs incl. 44 researchers from various backgrounds in different countries

# Cooperative Activities with the UNFCCC Secretariat on CDM Databases

- MOU signed in April 2008
- Enhancement and expansion of data on the IGES database
- Supplement of web-based CDM statistics to the UNFCCC
- Resultant analysis available to the CDM EB and public



(UNFCCC, 2008)

Your comments or requests on the IGES databases are welcome!

# Major Objectives of the Programme

1. Increase the capacity of Asian countries related to institutional and operational aspects of CDM
  - Support CDM project identification and development
  - Support smooth operation of DNA
  - Build a bridge to the carbon credit procurement by the Government of Japan
2. Provide useful CDM-related information
3. Propose CDM reform based upon experience gained by the programme

# Overview of the Programme

- Programme funded by the Ministry of the Environment, Japan
- The longest CDM CB programme focusing in Asia:
  - Operated since 2003
- Collaborating countries:
  - Cambodia
  - China
  - India
  - Indonesia
  - the Philippines
  - Thailand
  - To be expanded



# 1. Support Smooth Operation of DNA

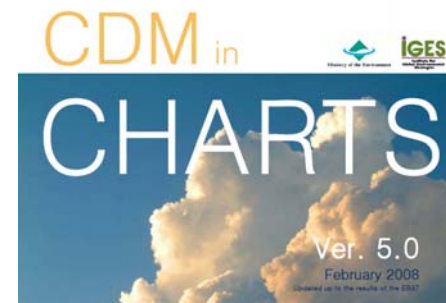
- Facilitate formulating CDM related governance in Asia
  - Assisted developments of CDM approval process
  - Made inputs in making “sustainable development criteria”
  - Consult how to deal with unclear issues in the rule and procedures of the CDM through technical meetings for DNA
- Assist making a proposal of CDM reform

# **1. Assist the carbon credit procurement**

- Facilitated contacts between Japan and CDM project developers, and the contracts were successfully agreed
  - Waste heat recovery in China
  - Wind power generation in China
  - Biomass project in Indonesia
- More projects are under facilitation in all six collaborating countries

## 2. Provide Useful CDM-related Information

- CDM in CHARTS (ver. 1 - **5.1**)
  - \* Japanese, Spanish, Mongolian, and Russian version also available
- IGES CDM Project Database
- IGES CDM Project Data Analysis
- IGES Review and Rejected CDM Project Database
- CDM Country Factsheets (6 countries)
- IGES GHG Emissions Data
- IGES JI Database (**from May 2008**)



- Updated regularly
- More than **80,000** files were downloaded from CDM Programme web site during FY2007



### 3. Propose CDM Reform

- Facilitated discussions through CB workshops and side events
- Conducted CB assembly meeting with DNA members in last March at Kyoto



COP/MOP3 IGES Side Event, Bali, 2007

- This meeting will be organised in this fiscal year again

- e.g.) Proposed to the CDM EB about CDM reform jointly with the government of Cambodia, and our proposal was reflected to the real change of the rule
- Proposed to the CDM EB about change of calculation formula of emission reductions

## ➤ CER issuance rate by project types

\* CER issuance rate: the proportion of annual amount of CERs in real terms to average annual estimated emission reductions in the PDD

### Issuance Rate

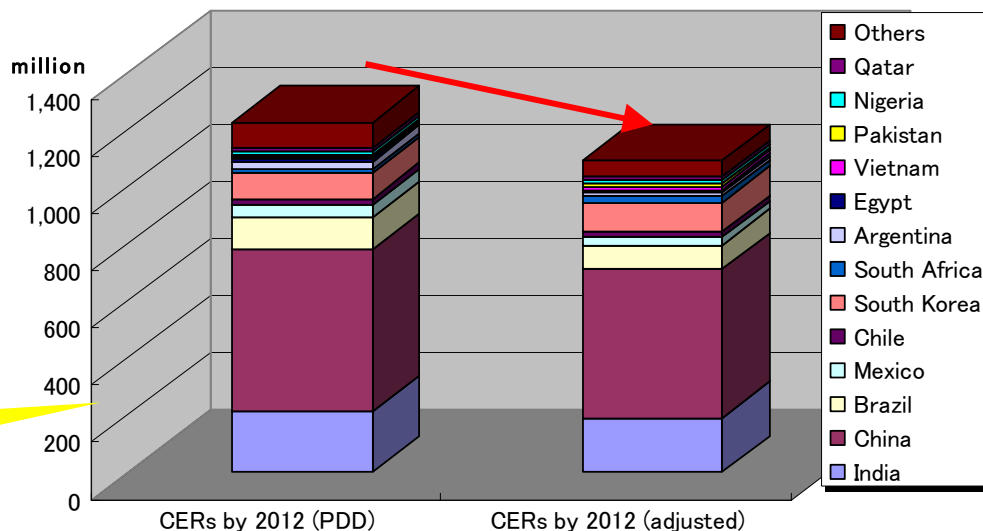
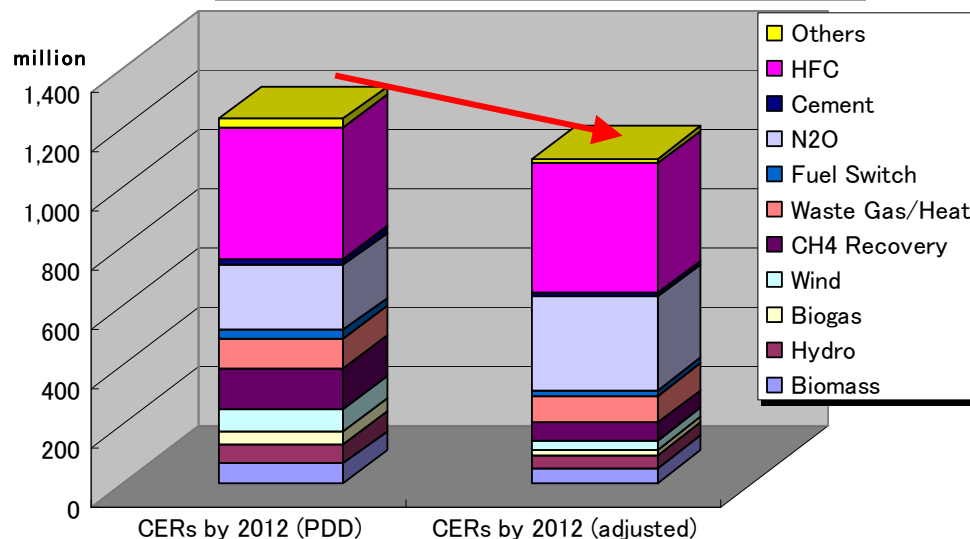
Project Type	%
Biomass	72.8
Hydro	68.8
Biogas	48.8
Wind	33.6
CH <sub>4</sub> recovery	47.3
Waste Heat/Gas	102.2
Energy efficiency	74.1
Fuel switch	72.0
HFC	82.8

As of 11 May 2008

\* Only listed for more than 10 projects with issued CER

**89% of PDD estimated**

### Projected CERs by 2012

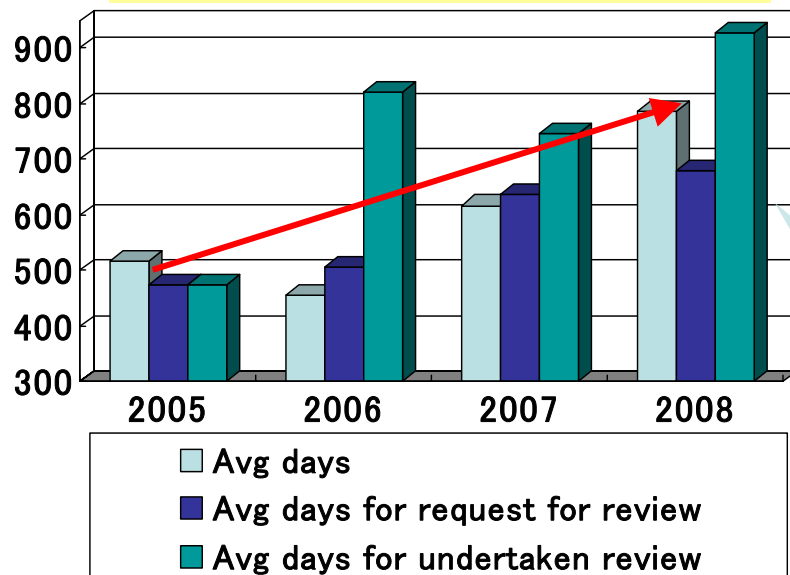


## ➤ Impacts of review process to the issuance

As of 11 May 2008

Registered projects with issued CERs ( <b>338</b> projects)	Days
Avg. days from starting public comments to the first issuance	<b>595</b>
- for projects which had been requested a review	<b>613</b>
- for projects which had been undertaken a review	<b>753</b>

**Avg. days from starting public comments to the first issuance**



Shortest Days		Longest Days	
Guatemala	265	Bhutan	1058
Transportation	409	CH <sub>4</sub> recovery	809

- Num. of requests and reviewed increased
- Days until the first issuance become longer