

Operationalizing Co-Benefits through CDM

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Outline

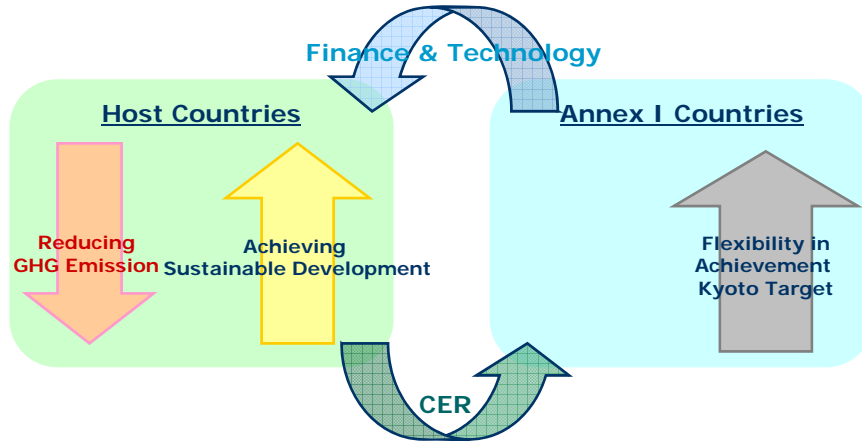
- Current Status of CDM
- SD Criteria of CDM Host Countries
- Co-Benefits Approach

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CDM Structure

KP Art.12 and MA 17/CP7



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CDM Procedure



- Getting written approvals from DNA of each Party involved, including host Party.
- DNA's approval criteria and procedure are up to each party

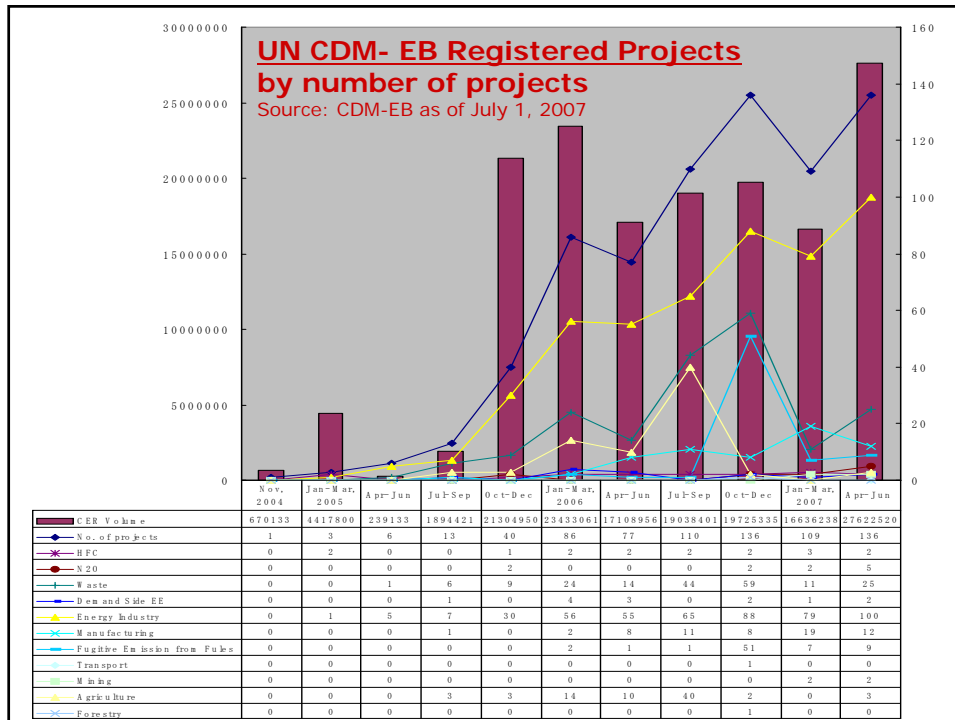
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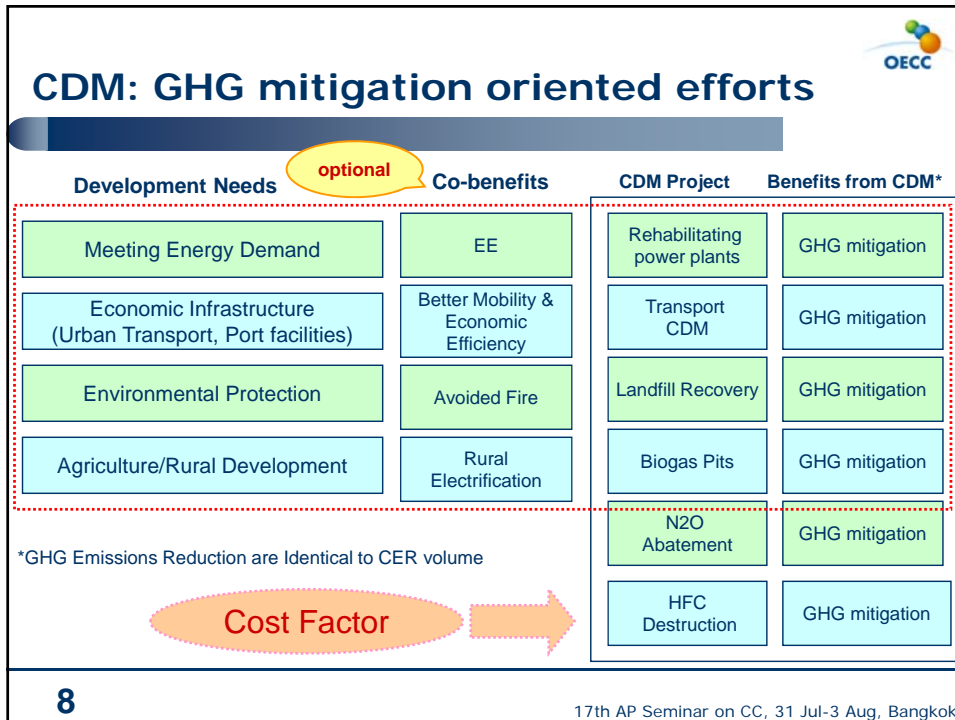
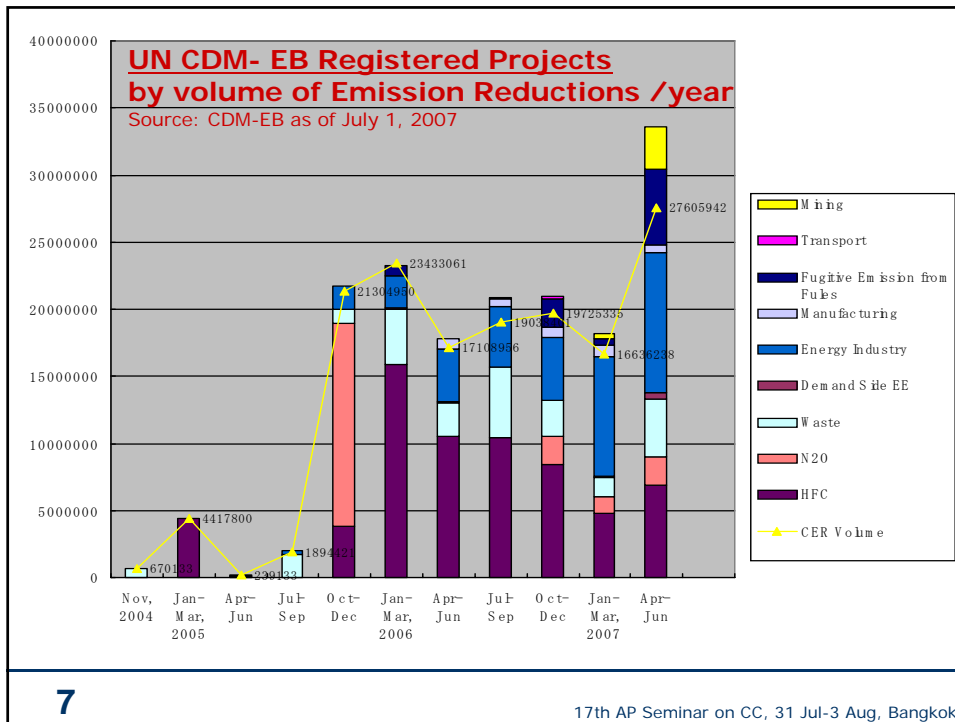
Approved Methodologies

1	Energy industries	ACM0002 Grid-connected electricity generation from renewable energy
2	Energy distribution	---
3	Energy demand	AM0046 Distribution of efficient light bulbs to households
4	Manufacturing industries	ACM0005 Increasing the blend in cement production
5	Chemical industries	AM0021 Decomposition of N2O from existing adipic acid production plants
6	Construction	---
7	Transport	AM0031 Bus Rapid Transit Projects
8	Mining/mineral production	ACM0008 CBM and CMM capture and use for power
9	Metal production	AM0038 Improved electrical energy efficiency of an existing submerged electric arc furnace used for the production
10	Fugitive emissions from fuels	ACM0008 CBM and CMM capture and use for power
11	HFC	AM0001 Incineration of HFC23 waste streams
12	Solvent use	---
13	Waste handling and disposal	ACM0001 landfill gas project activities
14	Afforestation and Reforestation	ARAM0001 Reforestation of degraded land
15	Agriculture	ACM0010 GHG emissions reduction from manure management system

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SD Criteria in CDM Host Countries

- Approval Procedure for CDM projects in Host Countries
- Sustainable Development Criteria
 - Environment
 - Economic
 - Social
 - Technology
- China, India, Indonesia, Malaysia, Philippines, Thailand, Vietnam and further

Functioning SD Criteria

- Limited Effect of SD Criteria

Restrictive Approach

apply SD Criteria strictly

>>> less CDM projects

Promotional Approach

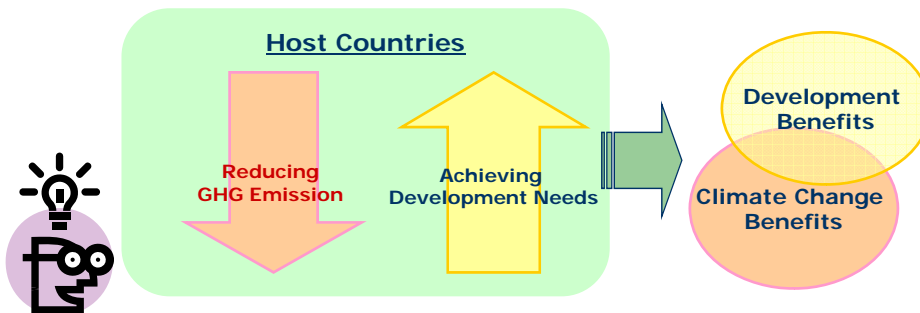
keep to facilitate CDM projects

>>> What do we do?



Co-benefits Approach

- Address CDM and Climate Change concerns
- Meet Development Needs in Host Countries



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Video Meetings with Host Countries

From Host Countries

- Growing concern in Co-benefits approach
- Gap between current CDM and development needs
- Duplicated area between Climate Change and national development

- Waste Management
- Air Quality Management
- Renewable Energy



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UNFCCC SB26 Side Event

From Host Countries and stakeholders

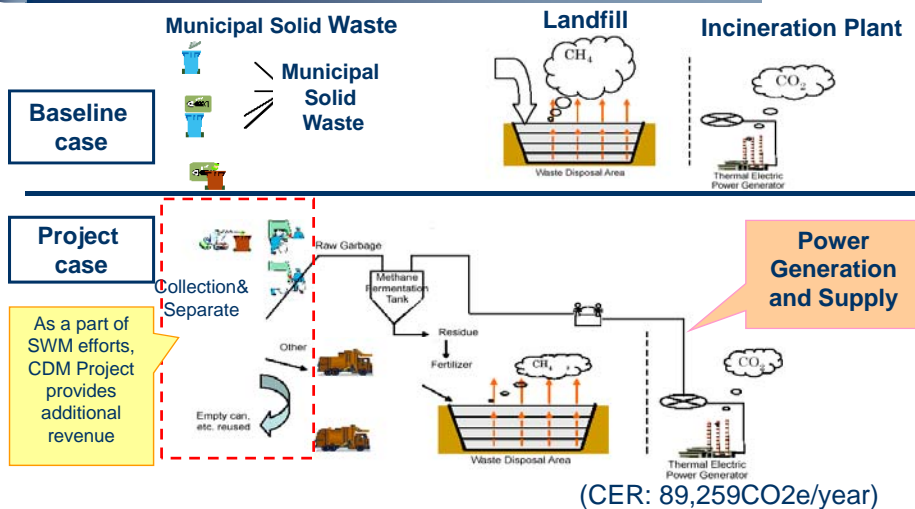
- Importance of “enabling environment”
- Importance of concrete actions under partnership between Climate Change and Development
- Barriers to promote Co-benefits approach
 - lack of awareness for Co-benefits
 - lack of capacity and tools to quantify Co-benefits
 - Difference priority area of development objectives by country



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Good Practice (1) Composting of Organic Waste in Dhaka (0169)



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Good Practice (2) Installation of waste heat recovery system in a coking plant in Qian'an City, China (0909)



- Reducing GHG Emission
- Recovering waste heat and generating electricity
- Improving Air Quality

(CER: 216,685CO₂e/year)

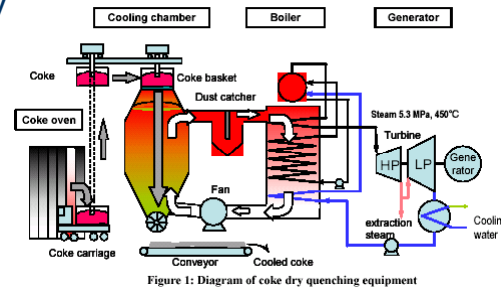


Figure 1: Diagram of coke dry quenching equipment

Source: PDD of "Installation of waste heat recovery system in a coking plant in Qian'an City, China"

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Co-Benefits Approach



- Further Survey on Host Countries' Development Needs
- Development Needs-oriented Efforts to address CDM and Climate Change
 - GHG Emission Reduction
 - Achieving Co-benefits
- Co-Benefits CDM projects are conducted under ownership of host countries (Central and Local Government)

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Thank you



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