

Policy Survey on Co-benefits and Japan's New Initiative

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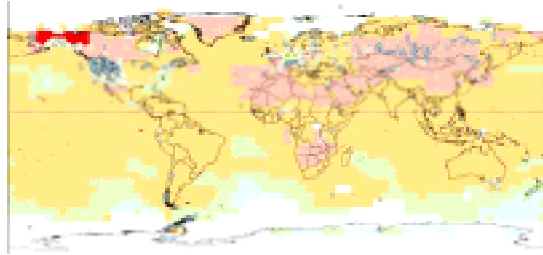
Presentation Outline

- Climate Change as a Global Challenge & Development
- Concept of Co-benefits
- Japan's Co-benefits Approach
 - (1) Result of Policy Survey
 - (2) Further Activities

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Climate Change as a Global Challenge & Development (1)

The 4th Assessment Report of the IPCC



Recognized serious consequences, and highlighted the urgent necessity of efforts climate change in further concrete, timely and increased manner....



Intergovernmental Panel on Climate Change



Climate Change as a Global Challenge & Development (2)

- Current Status = Primary balance of Global Carbon Flow is abnormal.
- To normalize (stabilize) this balance
→ Global Efforts (including developed and **developing countries**) are necessary.

- Where larger emission is expected, and will share considerable portion of global GHG emissions.
- Apart from negotiation regarding future commitment, it is generally understood that something must be done in developing countries as well.

Climate Change as a Global Challenge & Development (2)

This is an understandable concern.

Persistent Question about Development and CC

“Are mitigation efforts really do not harm our development?”

For Developing Countries generally, higher national priorities are Economic & Social Development. Challenge of mitigation is mostly discussed in the context of development

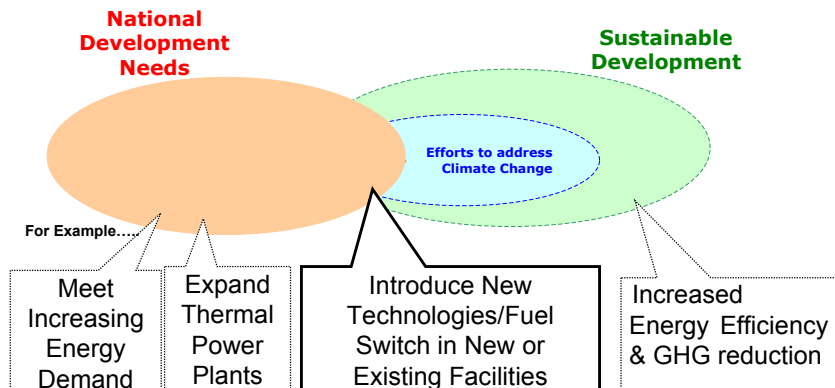
Promotional measures may attract more attention

It is useful to promote mitigation efforts that will also bring developmental benefits.

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Concept of Co-benefits(1)

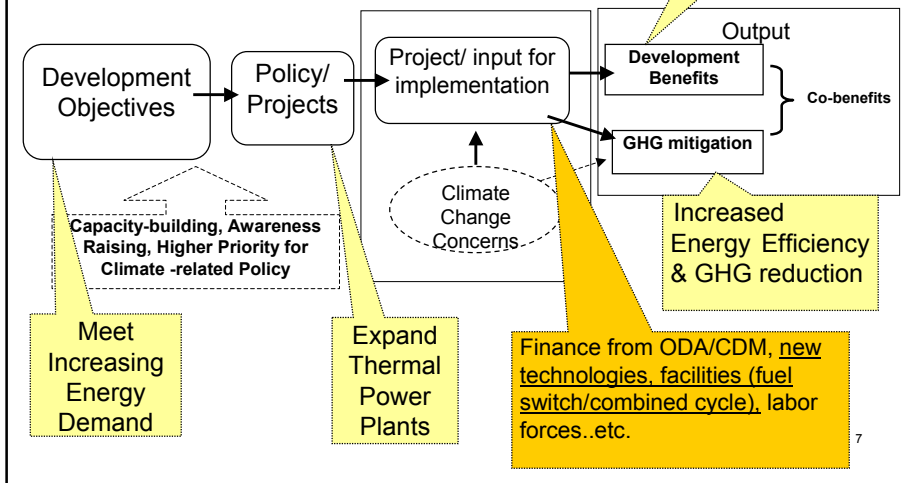
Development can be advanced, also by making effort to mitigate GHG!



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Concept of Co-benefits(2)

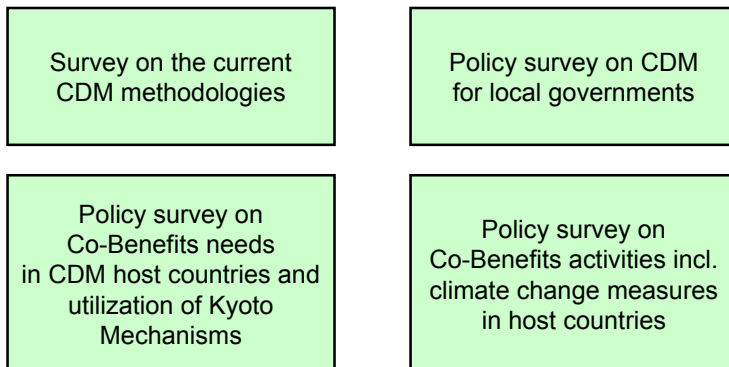
Process of realizing Co-benefits



Japan's Co-benefits Approach

(1) Result of Policy Survey

- 4 different Policy Survey Task Forces



Japan's Co-benefits Approach

(1) Result of Policy Survey

- Needs Survey of our developing country partners (6 countries, including China, India, Indonesia, Philippines, Malaysia, Vietnam and Thailand)
- Collection of Good Practices in ODA and CDM

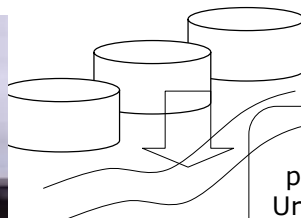
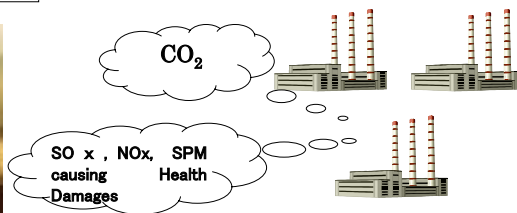
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For Example..

Good Practice in Japan's Cooperation Activities

Guiyang City Japan-China Model Environmental City Project by JICA and JBIC

Before the Project



Less efficient
production facility &
Urban Pollution/Health
Damage

Source: EIC Net(2005)

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Good Practice in Japan's Cooperation Activities

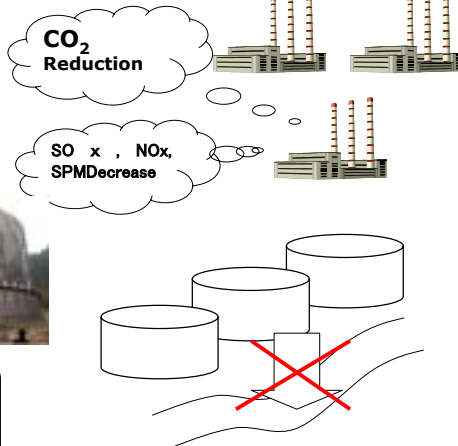
After the Project

Env management

Introducing new facilities



Pollution decreased
&
Economic efficiency
increased



Source: EIC Net(2005)

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Guiyang City Japan-China Model Environmental City Project

- 3 cities designated by Japan-China summit meeting in 1997(Guiyang,Dalian and Chongqing)
- 7 parallel projects were conducted to improve Guiyang's environment condition (Assisted by JBIC, JICA and MOEJ)
- Main objectives of the projects were to solve air and water pollution issues. (GHG mitigation was not recognized as a high priority issue.

- Together with SO₂ and PMs, CO₂ (1,067,400t/year) is being reduced.
- Half of the total cost were borne by the Chinese side.

Co-benefits functioned as a motivating factor for developing country stakeholders to reduce GHG.

Project	Yen Loan (100 mill JPY)	Domestic Procuremen t(mill RMB)	Total (mill RMB)
Guiyang gas transport extension	9.60	64	128.00
Guiyang ironworks air pollution prevention	6.90	48.21	94.20
Guiyang cement power dust project	4.85	32.32	64.20
Anti-mercury contamination project	41.31	275.41	550.80
Air quality and pollution monitoring online system	1.61	10.61	22.99
Lin Dong clean coal project	6.60	44.15	94.92
Power station stack gas treatment tech.	73.48	553.32	1118.55
Total	144.35	1028.02	2074.13

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Japan's Co-benefits Approach

(1) Result of Policy Survey

Menu of Concrete Actions are proposed
(primarily for MOEJ itself, and some suggestions for our partners)

- Inputs to MOEJ's capacity building activities for developing countries
- Preparing Good Practice Guidance for Practitioners
- Development of Methodologies for Evaluation of Co-benefits

Summary of the Research Results is now available!



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Japan's Co-benefits Approach

(2) Further Activities

- MOEJ – USEPA Partnership to promote co-benefits approach in developing countries.
- Some concrete activities will be launched



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The 17th Asia-Pacific Seminar on Climate Change (AP-Seminar)

Proposed theme is..

Good Governance for Climate & Development

- Co-benefits Innovation and Integrated Adaptation to Climate Change -



Your suggestion in today's discussion may be an important input !



AP-Net



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Thank you very much!

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