

Japan's Activities to Promote A Co-Benefits Approach

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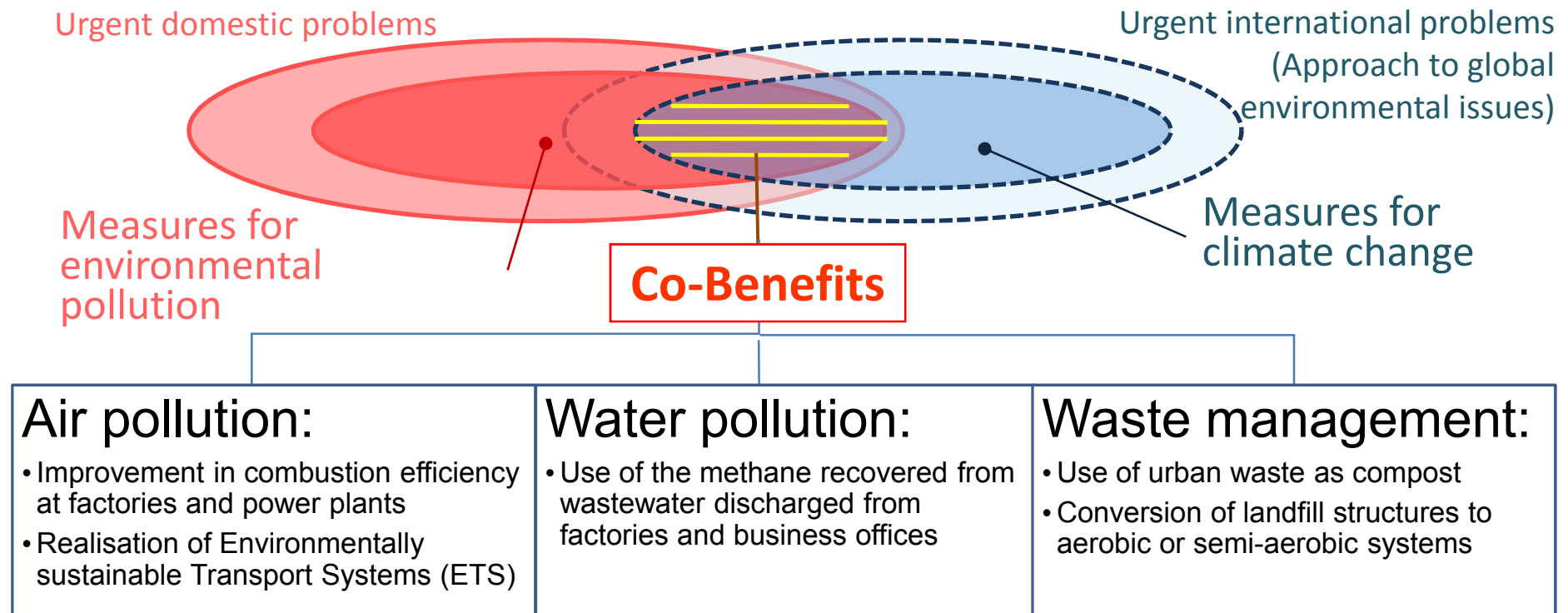


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What is a Co-Benefits Approach?

An Approach aimed at reducing greenhouse gas emissions and preventing environmental pollution at the same time



- Achieving highest synergies between climate change mitigation actions and sustainable development actions
- Addressing developing countries' urgent developmental needs while achieving climate change mitigation

Initiatives by the Ministry of the Environment

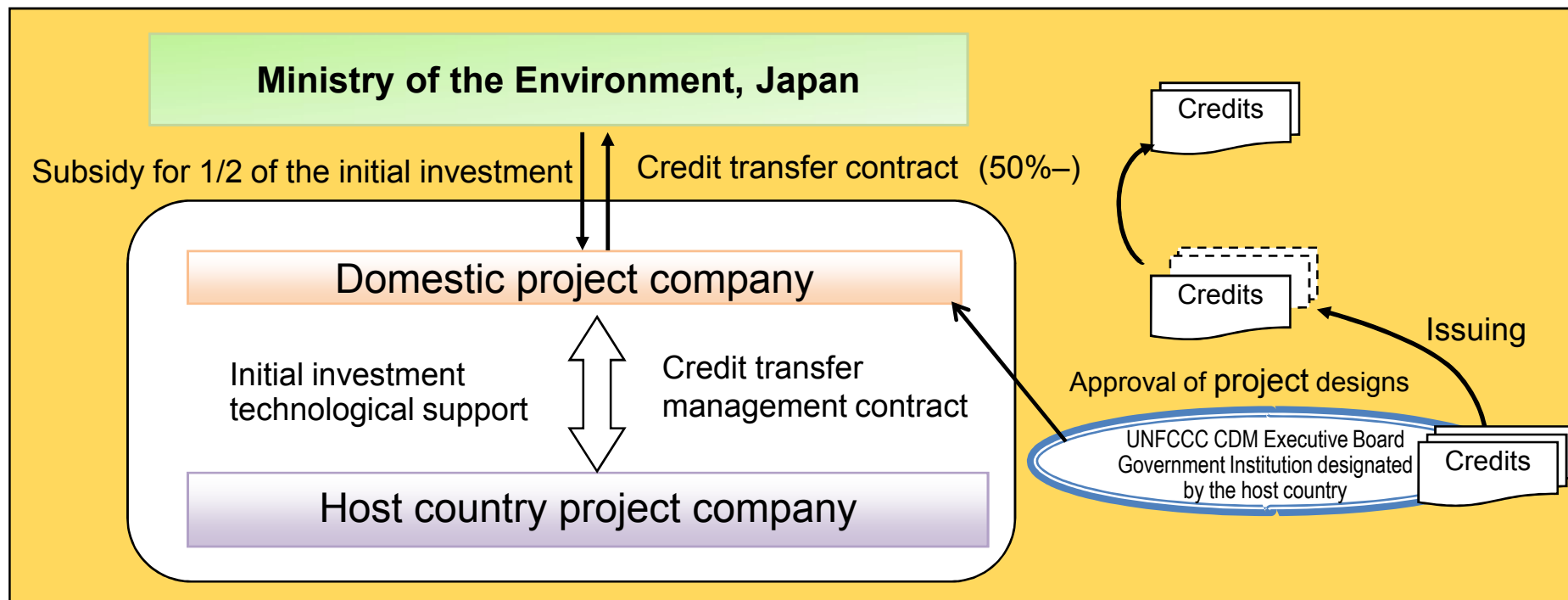
Outline of Co-Benefits CDM Model Projects (Subsidy Projects)

■ Project requirements

MOEJ provides a subsidy to cover half the initial investment for a CDM model project aimed at achieving co-benefits, on condition that more than 50% of the credits obtained from the project will be transferred to the government without compensation.

■ Subsidies provided

- Eligible candidates: private organizations
- Subsidy amount: 1/2 of the initial investment



Co-Benefits CDM Model Projects

Malaysia: Environmental improvement to reduce greenhouse gases emitted from a closed landfill in Malaysia

- aims to reduce GHG emitted from an anaerobic landfill by making it semi-aerobic and to prevent environmental pollution by stabilizing its environment, improving the quality of leachate, and preventing foul odors.



Landfill chosen for the project



Field survey

Prevention of climate change
Reduction in greenhouse gas emissions

Prevention of environmental pollution
Stabilization of the environment of the landfill and its safe closure
Improvement in the quality of leachate
Prevention of foul odors

Thailand: Biogas power generation project using wastewater discharged from an ethanol factory

- aims to treat wastewater discharged from an ethanol factory, which is currently treated in a nonaerobic open lagoon, using a nonaerobic waste fermenter and thereby prevent environmental pollution by improving the quality of wastewater and preventing foul odors.
- also aims to reduce GHG emissions and to provide a local power supply company with electricity generated from wastewater.



A nonaerobic open lagoon that spreads across the factory site



Briefing session for local residents

Prevention of climate change
Reduction in greenhouse gas emissions

Prevention of environmental pollution
Improvement in the quality of wastewater
Prevention of foul odors
(Reduction in the size of the nonaerobic open lagoon)

Manual for Quantitative Evaluation of the Co-Benefits Approach to Climate Change

The Manual...

- Provides quantified and simple methods to evaluate Co-benefits, including environmental pollution improvement and GHG mitigation measures
- Promotes public/private entities to implement effective Co-benefits CDM projects

www.kyomecha.org/cobene/e/tools.html

Manual for Quantitative Evaluation of the
Co-Benefits Approach to Climate Change Projects

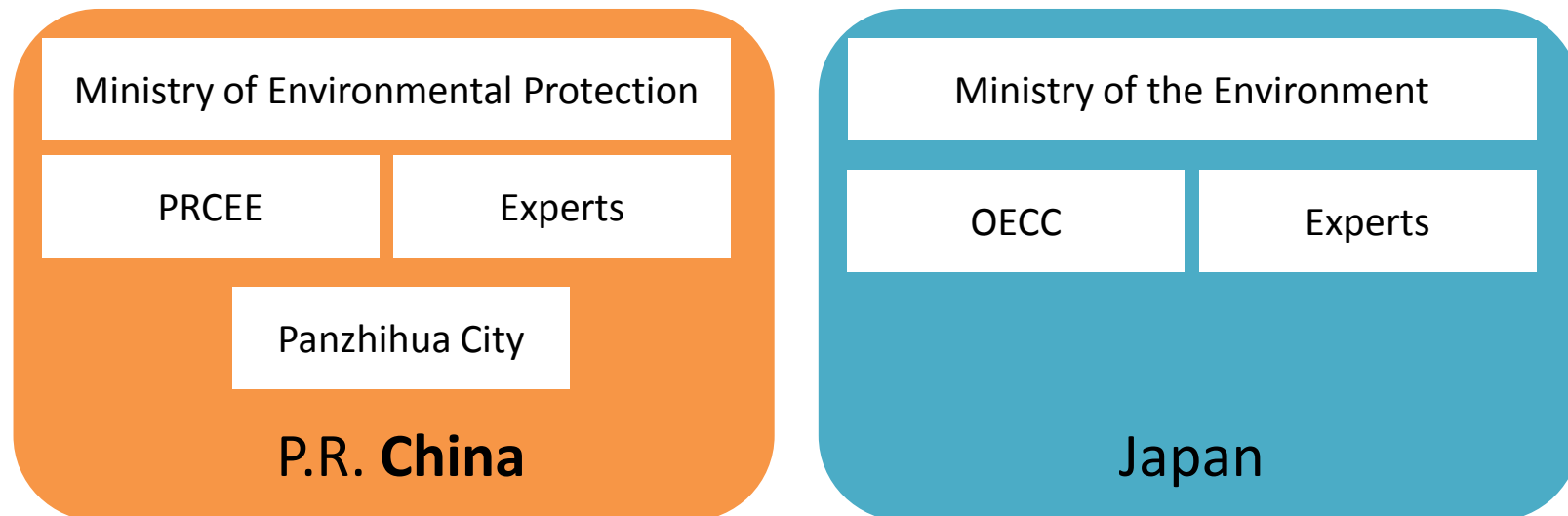
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Ministry of the Environment, Japan

Japan-China Co-benefits Cooperation Programme

- December 2007
Statement on the Joint Implementation of Co-Benefits Studies and Model Projects
by MOEJ and the Ministry of Environmental Protection of the People's Republic of China (former Japanese Environment Minister and Chinese Environmental Protection Minister)
- April 2008-
Japan-China Co-benefits Cooperation Programme



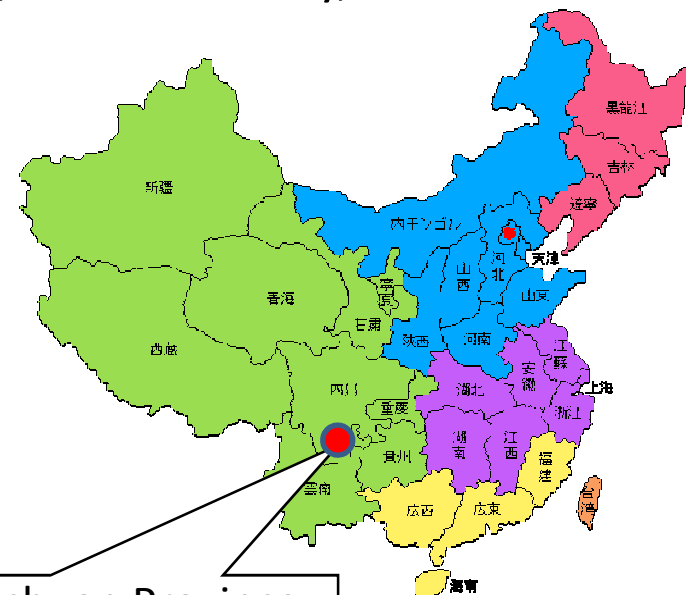
Japan-China Co-benefits Cooperation Programme

Outline of the Statement on the Joint Implementation of Co-Benefits Studies and Model Projects :

- Organizing a working team comprising the directors-general
- Selecting a city to implement model projects with specific goals in mind

Current situation:

- Based on discussions between the two countries, Panzhihua City, Sichuan Province, was chosen for model projects.
- The following study and projects are currently being examined.
 - (1) An analysis of master plan in Panzhihua City
 - (2) A capacity building project in Panzhihua City
 - (3) A co-benefits project at the Panzhihua Steel Factory



Panzhihua City, Sichuan Province