

◆ Japan's assistance on REDD+

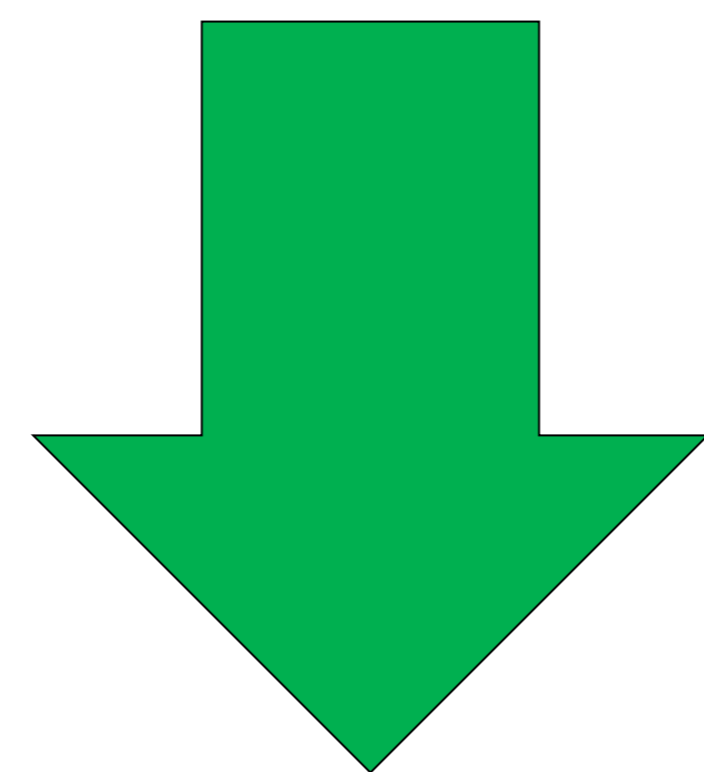
Japan is NO.1 donor on forest sector;

(1) Japan has implemented approx. USD2.27 billion bilateral assistance around the world, especially Asian region, from 2000 to 2009.

(2) Japan has pledged USD 500million for fast-start financing at COP15 and has already implemented USD 223million as of end of September 2010

For example, Japan has implemented;

- The Forest Preservation Program (21 Countries, USD162 million)
- Contribution to International Tropical Timber Organization (ITTO)
(USD3.9 million for 12 projects)



Japan contributes in great deal in assisting REDD+ activities in developing countries and in establishing a REDD+ mechanism.

Japan's Forestry Sector Cooperation, Vietnam

Major components (1)

- ✓ Develop digitized nation-wide forest maps to detect historical trend of area changes.

Progress:

- Map on AR-CDM potential areas was produced.
- Forest maps for 1990, 2000 and 2010 were prepared.
- Preparation of additional forest maps for 1995 and 2005 is under consideration.
- National Forest Inventory data is under verification.

Major components (2)

- ✓ Establish reference emission level (on a trial basis) Data analyzing is under way.

Major components (3)

- ✓ Survey on model land for potential REDD+ projects

Four (4) case studies are being conducted as model lands.

- Reduction of emission from deforestation and forest degradation by mitigating rubber plantation development in Binh Phuoc Province
- Reduction of emission from deforestation and forest degradation through implementation of community forest management (CFM) and enhancement of forest management by forest company in Dak Nong Province
- Development of forest plantation on shifting cultivation site in Nghe An province
- Reduction of emission from deforestation and forest degradation through implementation of CFM in Kon Tum Province

Major components (4)

- ✓ Formulate REDD+ demonstration project Under consideration.

Study on REDD-plus Related Activities

The Government of Japan

REDD-plus Partnership

10-11 April 2011

Bangkok, Thailand

F/S for Joint GHG Reduction Projects and Bilateral Offset Mechanism

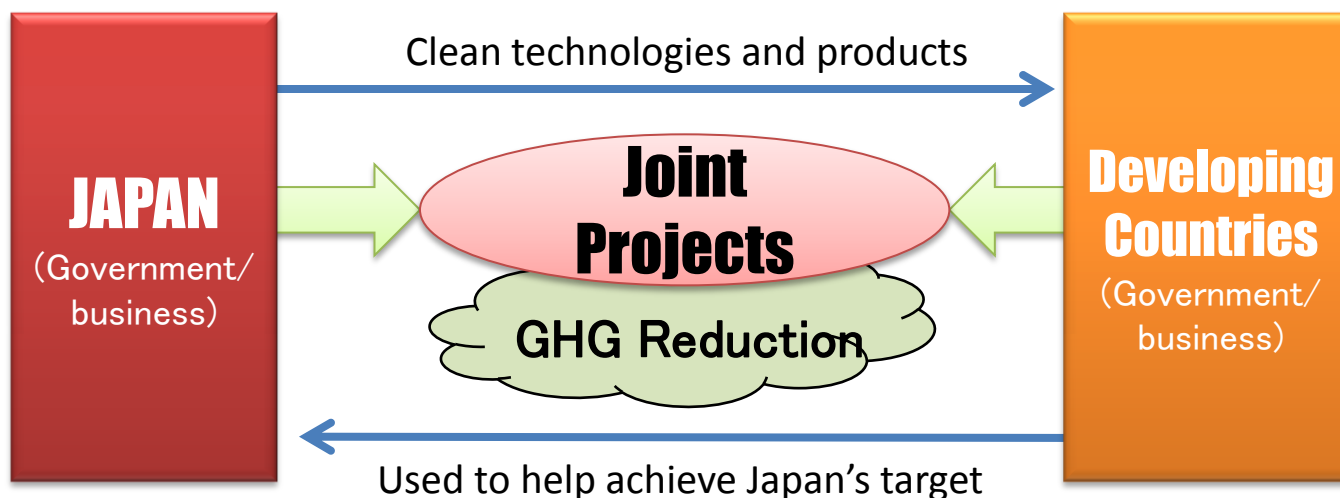
The Ministry of Economy, Trade and Industry (METI) and the Ministry of the Environment (MOE), Japan have funded feasibility studies. The studies are conducted by Japanese private companies in cooperation with organizations in developing countries with a view to exploring and designing possible joint GHG reduction projects and bilateral offset mechanism.

※GHG: Greenhouse Gases

◆ Total Budget: 9 million dollars (FY2010)

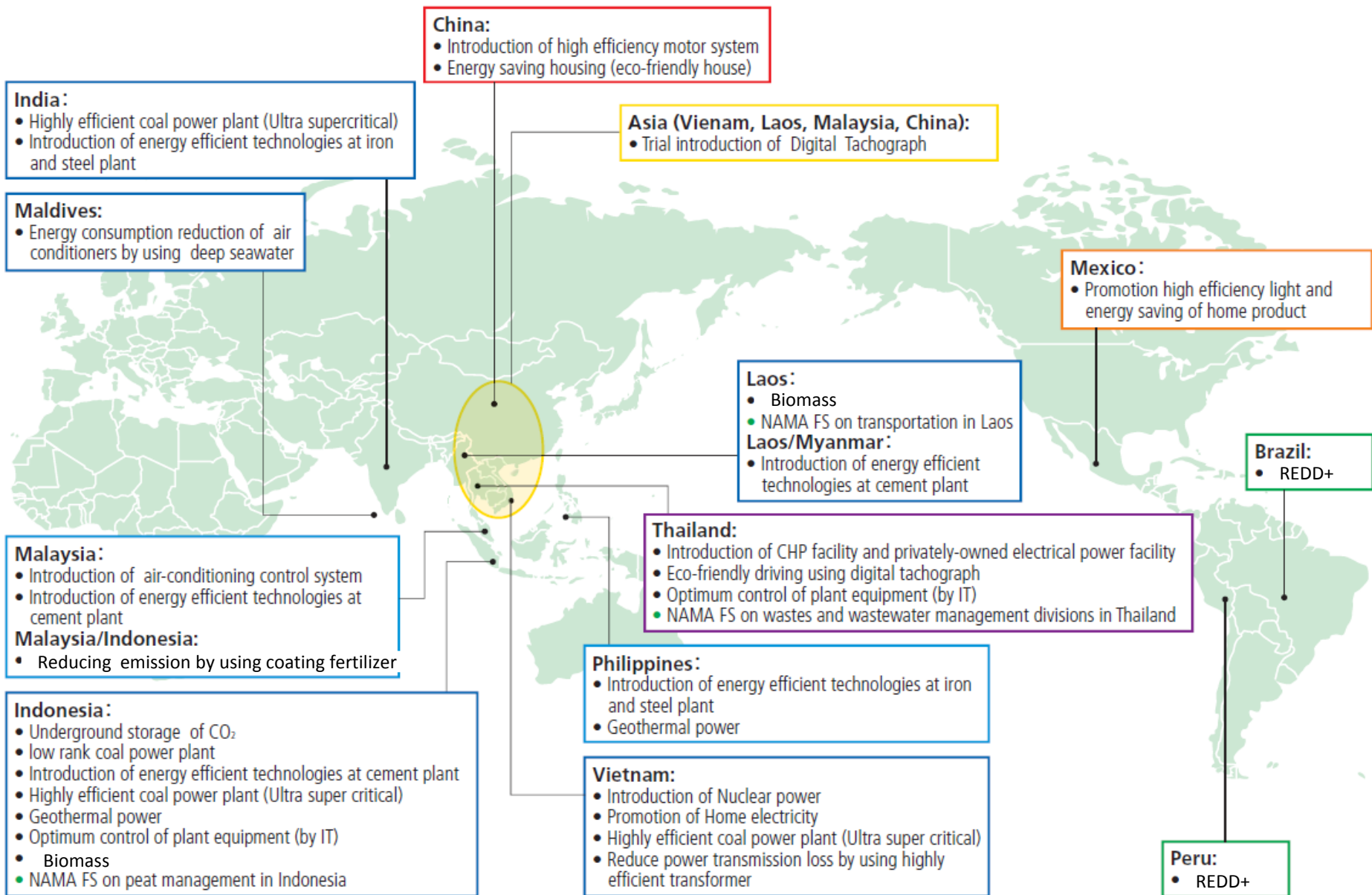
◆ Purpose:

- 1) To explore and design possible joint GHG reduction projects in such sectors as power, steel, cement, electric appliances, CCS, transport, waste management, and sectors described in NAMAs
- 2) To develop appropriate measurement and monitoring methodologies of GHG and to estimate GHG emission reduction potential
- 3) To evaluate financial aspects of projects, including the use of offset credits generated from GHG reduction projects



Examples of Clean Technologies

- Ultra super-critical coal power plant
- Geothermal power plant
- Nuclear power
- Energy efficiency technology in steel, cement etc.
- Highly efficient manufacturing by using IT
- Highly efficient eco-driving
- CCS



- → Ministry of the Environment
- → Ministry of Economy, Trade and Industry

F/S Projects relating to REDD+ (FY 2010)

Country	Company	Study Summary
Indonesia	Marubeni	<ul style="list-style-type: none"> - Analysis on the current situation - Establishment of a project plan and scheme - Consideration of MRV
Lao PDR	Oji Paper	<ul style="list-style-type: none"> - Study on MRV - Assessment on social contribution activity (e.g. school construction) - Study on REDD+ framework in Lao
Peru	Mitsubishi Corp.	<ul style="list-style-type: none"> - Study on the current situation - Land use classification and estimation of carbon sequestration volumes - Study on a method for monitoring
Brazil	Kanematsu Corp.	<ul style="list-style-type: none"> - Development of a PDD - Research on Brazilian Government policy - Development of MRV methodology
Indonesia	Shimizu Corp.	<ul style="list-style-type: none"> - Study on NAMA on the peat land management in Indonesia

Study on MRV, community involvement and ecosystem service for REDD+

- ◆ The Ministry of Environment, Japan (MOEJ) sponsors scientific studies on the ground relating to REDD+ activities conducted by Japanese institutes in partnership with organizations in developing countries.
- ◆ The studies in 2010 focus on MRV, community involvement, biodiversity, etc.

Country	Institute	Projects Summary
Malaysia Indonesia	Hiroshima Univ.	<ul style="list-style-type: none"> - Assessment of REDD+ activity in terms of Ecosystem Service - Study on Mechanisms of community involvement
Malaysia	Kyoto Univ.	<ul style="list-style-type: none"> - Study on methodology of MRV for Degradation - Study on practical Biodiversity monitoring for REDD +
Indonesia Cambodia PNG	IGES	<ul style="list-style-type: none"> - Development and Demonstration of Community Based Carbon Accounting for REDD+
Laos, Peru Ethiopia	Kyoto Univ.	<ul style="list-style-type: none"> - Study on Mechanisms of community involvement - Study on improvement of cultivation practice for REDD+