



# **JICA initiatives on REDD+**

**International Seminar on REDD+**  
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# Outline

1. Key principles for addressing REDD+
2. Major areas of cooperation
3. MRV-related activities
4. Case examples
5. Lessons learnt & Challenges



## Key principle for addressing REDD+

- ✓ Important primarily for addressing Climate Change, but maximizing multiple benefits through REDD+ is no less important than CC.



Ecotourism



Erosion control



Biodiversity conservation



Water supply



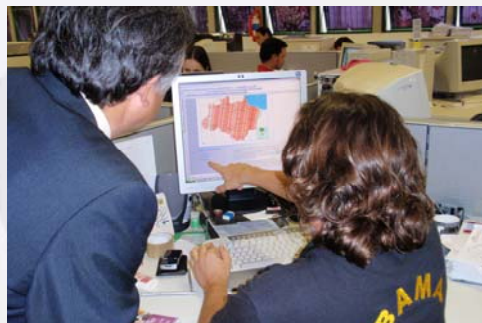
Livelihood improvement

# Major areas of cooperation(1)

- ✓ Addressing underlying causes and drivers of deforestation & forest degradation, such as forest fires, inappropriate land-use patterns and unsustainable forest management.



**Forest fire control  
(Indonesia)**



**SMF, e.g. combat IL  
(Brazil)**



**Land use planning  
(Timor-Leste)**



**Poverty alleviation  
(Laos)**





## Major areas of cooperation (2)

- ✓ Establishing robust and transparent MRV system.



**ALOS/PALSAR for forest monitoring (Indonesia)**



**Training on Forest Monitoring  
(incl. South-South Cooperation)  
(Asia, Latin America, Africa)**



**Facility & Equipment  
(Forest information  
management center)  
(Laos)**



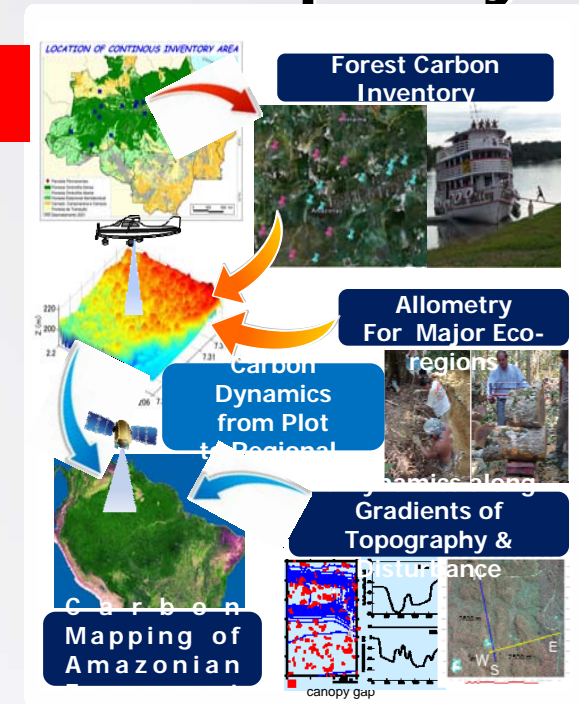
# Major areas of cooperation (3)

## ✓ Enhancing research & development capacity

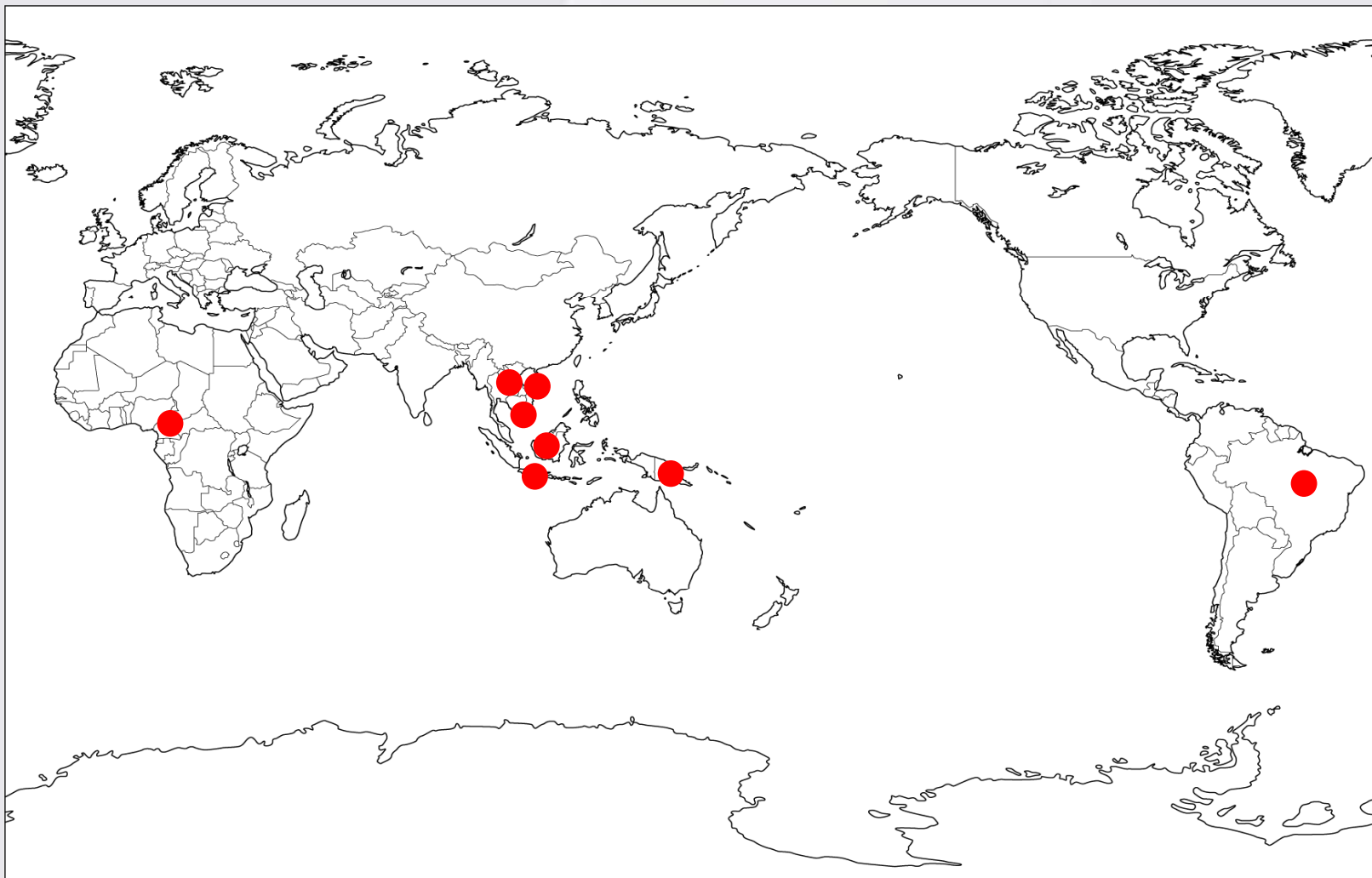
**Carbon Dynamics of Amazonian Forests (Brazil)**



**Wild fire & Carbon management in Peat-forests (Indonesia)**



# MRV-related activities







## Case example (Vietnam)

- Study on potential forest land for addressing climate change

### 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.

- i. Reduction of emission from deforestation and forest degradation by mitigating rubber plantation development in Binh Phuoc Province
- ii. 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
- iii. Development of forest plantation on shifting cultivation site in Nghe An province
- iv. 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.



## Case example (PNG)

### JICA Technical Cooperation Project

Executing Agency : PNG Forest Authority

Japan Government  
Grant Aid

- Satellite images
- GIS facility
- Survey equipment

1. Nation-wide  
forest base map

2. National level forest  
resource database

Forest Data  
Compilation

Collaboration

The other  
Project

3. The monitoring system of forest  
resource including carbon stock

Collaboration

The other  
Project

Office of Climate Change and Development

# Lessons learnt & Challenges

## ■ Institutional aspects

- In-country coordination mechanism
- Donor coordination mechanism
- Countries' ownership
- ----

## ■ Technical aspects

- Initially available data/information/technology/resources
- Human resource development (both for developing countries and donors)
- Strengthened role of research institutes and researchers
- ----

## ■ Financial aspects

- Sustainable level of input
- Role of ODA and Private finance
- Benefit sharing
- ----





# Thank you for your attention

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