

On-going JICA Project in Indonesia



Masako OGAWA
JICA Advisor for Environment Policy
in the Ministry of Environment, Republic of Indonesia

13th July, 2010

JICA's approach for climate change issues

CLIMATE CHANGE PROJECTS AROUND THE WORLD

PACIFIC
Many low-lying islands, particularly in the Pacific Ocean, are concerned they could literally disappear if global warming continues and sea levels rise. On islands such as Tuvalu JICA is involved in various projects including plans to prevent coastal erosion and help to protect the islands without causing further negative environmental impact.

ARGENTINA
The Iguazu Falls bordering Argentina and Brazil is one of the most amazing water spectacles on earth. Unfortunately, the surrounding subtropical rain forest today has been reduced to only 5% of its original area and is one of the most endangered ecosystems in South America. An ongoing project is collecting and managing basic information, educating local communities on the importance of conservation and training local officials. Similar programs are expected to start in Brazil and Paraguay in the future.

EGYPT
With the help of US\$135 million in soft loans, Japan has helped Egypt build Africa's largest wind farm on its Red Sea coast. The farm will provide not only clean energy for the country's burgeoning economy and population, but will also reduce Egypt's carbon footprint by some 250,000 tons per year.

AFRICA
The continent is facing increased risk of flooding, drought and warming temperatures, partly because of climate change. JICA is involved in a series of projects to mitigate the impact including helping to build wells and supply vehicles and other equipment to ensure safe water supplies in such countries as Senegal, Mozambique, Niger and Ethiopia.

INDIA
The Indian capital of Delhi suffers some of the world's worst urban pollution and traffic congestion in the world. Construction of a subway and other rail lines financed with massive Japanese soft loans will alleviate pollution and improve the economy and 'livability' of Delhi. JICA has undertaken major urban development projects in other cities such as Manila, Hanoi and, currently, Kabul.

JAPAN
JICA and other agencies run what is reputedly the world's largest training program of its kind, inviting more than 8,000 persons from some 140 countries annually to attend a smorgasbord of programs. Increasingly they include climate change projects involving everything from the use of the latest technology to practical courses in mangrove forest and coral reef protection.

INDONESIA
Because of massive forest destruction, Indonesia is the world's third largest polluter. JICA in 2008 provided its first climate change program loan, some US\$300 million, for a series of projects not only to reduce the destruction of the trees but various other 'mitigating' and 'adaptation' programs to exploit Indonesia's huge reserves of clean geothermal energy or make better and more efficient use of its water resources.

MYANMAR
Tens of the thousands of persons were killed when Cyclone Nargis crashed into Myanmar in 2008. A contributing factor was that much of the country's 'protective' coastal mangrove forest had been cut down. JICA is encouraging forest rejuvenation in Myanmar and other countries such as Mexico, projects which underline 'mitigation' 'adaptation' and co-benefit by protecting economic and social activity, absorbing carbon emissions and preventing future coastal erosion.

Project of Capacity Development for Climate Change Strategies

Set three Sub-Projects for effective implementation of the Project

Sub-Project of Capacity Development for NAMA and Integration of Adaptation to Development
(BAPPENAS)

Sub-Project of Capacity Development for Vulnerability Assessment
(BMKG)

Sub-Project of Capacity Development for Developing National GHG Inventories
(KLH)

Concept of the Project of Capacity Development for Climate Change Strategies in Indonesia

Climate change policy comes to be formulated on the basis of sound information in cooperation with the key ministries and local governments concerned of the Government of Indonesia.

Implement actions for Climate Change Mitigation

Implement actions for Climate Change Adaptation

Capacity development for NAMA/MRV

Capacity development for napa

Capacity development for national GHG inventory

Capacity development for vulnerability assessment

Sub-Project 1

Sub-Project of Capacity Development for NAMA and Integration of Adaptation to Development

Main Counterpart organization

BAPPENAS

Sub-Project Period

5 years

Sub-Project Purpose : Good practices for formulation of nationally appropriate mitigation actions (NAMA) in a measurable, reported, and verifiable (MRV) manner and integration of adaptation to development planning come to be promoted in cooperation with the key ministries and local governments concerned of the Indonesian government. .

Output

- 1. The capacity to formulate NAMA in a measurable, reportable, and verifiable manner in the pilot sector(s) or sub-sector(s) is enhanced.***
- 2. The capacity to integrate adaptation into development planning in the pilot areas is enhanced.***

Sub-Project 3

Sub-Project of Capacity Development for Developing National GHG inventories

Main Counterpart organization *KLH*
Sub-Project Period *4 years*

Sub-Project Purpose : *National greenhouse gas (GHG) inventories come to be prepared in cooperation with the key ministries and local governments concerned of the Indonesian government.*

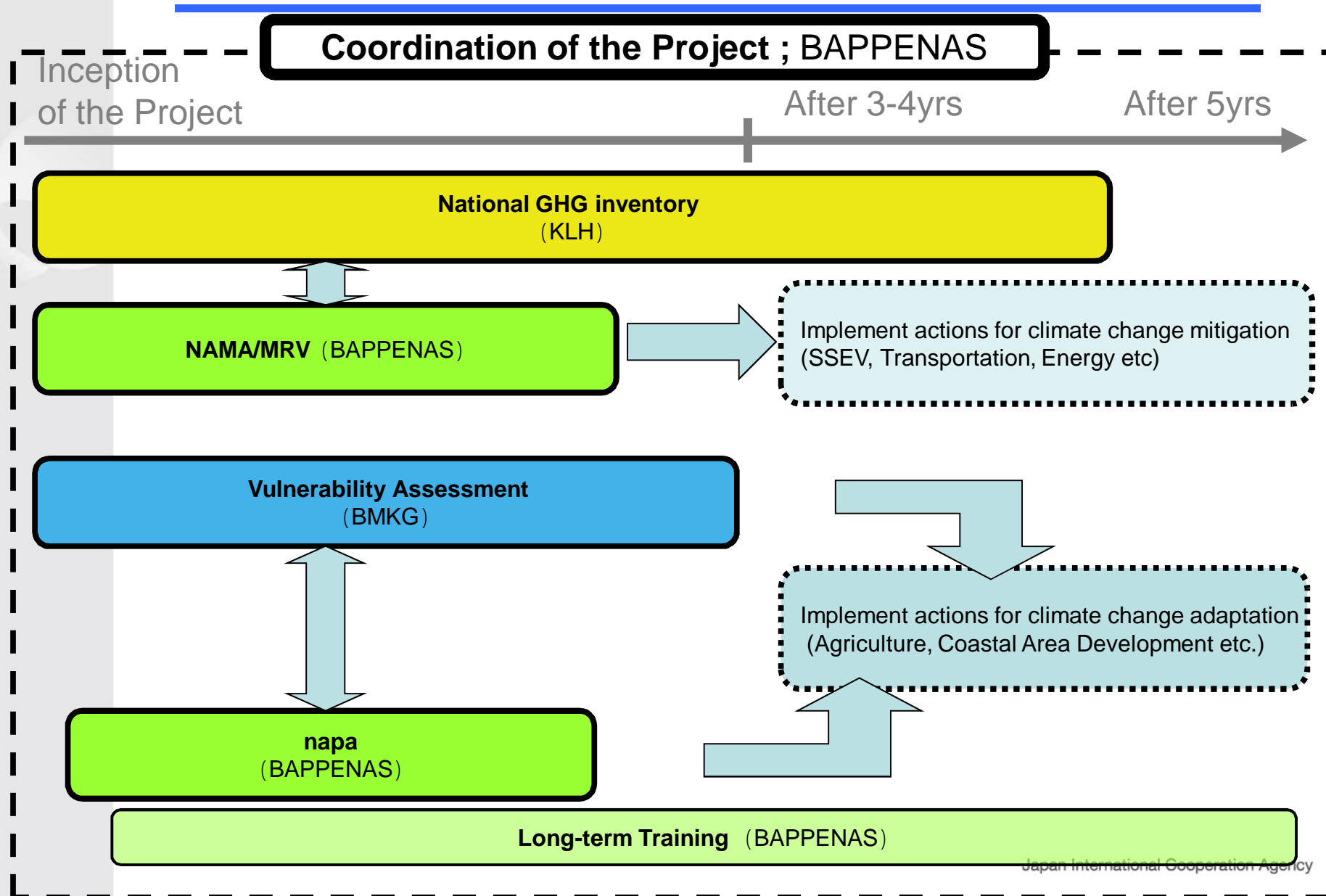
Output

- 1** *National system for preparing national GHG inventories is designed.*
- 2** *Capacity to periodically and systematically collect and compile data necessary for national GHG inventories is enhanced.*
- 3** *Accuracy and reliability of GHG inventories are improved for each sector (energy; industrial processes; agriculture; land use, land-use change and forestry [LULUCF]; and waste).*



Implementation structure of the Project

Relationship among outputs of the Project





Thank you for your attention!

For a better tomorrow for all.

Japan International Cooperation Agency