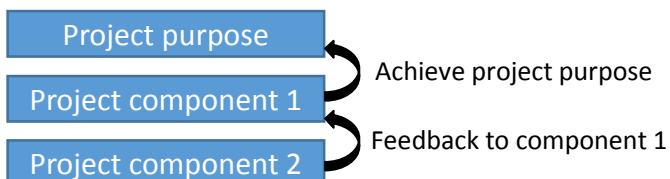




Introduction

According to the National Strategy on Climate Change issued by the Prime Minister of Vietnam in December 2011, Nationally Appropriate Mitigation Actions (NAMAs) will be planned by the Ministry of Natural Resources and Environment (MONRE). In this context, a technical support project for capacity enhancement was requested to JICA. The “Project to Support the Planning and Implementation of NAMAs in a MRV Manner” (SPI-NAMA) started in January 2015. The purpose of SPI-NAMA is to enhance the capacity of the Government of Vietnam concerning the planning and implementing of NAMAs. To attain this goal, SPI-NAMA has two project components.



Project Component 1

The first project component aims to enhance the capacity of MONRE to facilitate the process of development and implementation of NAMAs. It is implemented by MONRE and the JICA Long-Term Experts.

Project Component 2

The second component aims to enhance the capacity of cities in Vietnam to quantify greenhouse gas (GHG) emissions and reductions, taking Ho Chi Minh City (HCMC) as a model city.



This component is implemented by the Climate Change Bureau (CCB), Department of Natural Resources and Environment (DONRE) of HCMC with the support of the JICA Short-Term Experts. The profile of Component 2 is shown below.

Main activities	Piloting MRV of NAMAs Preparing GHG inventory
Executive agency	DONRE-CCB of HCMC
Japanese side input	Seven Short-Term Experts
Project duration	24 months (2015-2017)
Project site	HCMC

Main activities

MRV of NAMAs

Ongoing or planned NAMAs to pilot MRV in HCMC are selected in three focused sectors. They are energy, transport and waste sectors. The baseline GHG emission at the project inception, and anticipated and actual emission reduction of selected NAMAs are quantified. Utilizing the outputs of the activities in HCMC, an MRV manual for HCMC and MRV guidelines for local governments are developed.

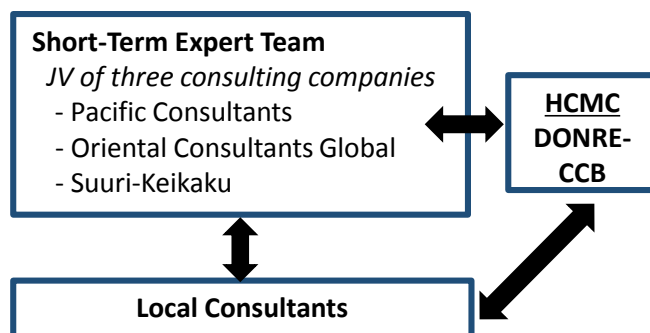
GHG Inventory

The activity data of 2013, 2014, and 2015 are collected. GHG inventory of 2013 and 2014 are developed following the Global Protocol for Community-Scale GHG Emission Inventories (GPC). The GHG inventory of 2013 is also prepared for ten sectors in the Climate Change Action Plan (CCAP) of HCMC.

Year	2013	2014	2015
Inventory format (Excel file)	Same format of excel file		
Data request	Yes	Yes	Yes
Compilation of Inventory (Based on GPC)	Yes	Yes	Optional
Compilation of Inventory (Based on 10 sectors)	Yes	Optional	Optional

Implementation structure

The seven-member JICA Short-Term Expert Team composed of three consulting firms assists the implementation of Component 2. The local consultant team represented by NIRAS-RCEE is also engaged to assist project implementation.



CCB is the main counterpart to the JICA Short-Term Expert Team. CCB was established in DONRE in 2012 to execute practical work related to climate change policy following the decisions of the Climate Change Steering Board of HCMC.

Progress to date

During the July to September 2017 period, the Short-Term Experts made three visits to Vietnam.

- Training on climate change mitigation for HCMC officials was held.
- Second consultation meeting on the GHG Inventory Preparation Manual and MRV Manual were held.
- Final draft of the manuals has been agreed with CCB. The manuals will be completed after the final check.

MRV of NAMAs

The second consultation meeting on the MRV Manual was held on 11 July 2017 in HCMC. Forty people from departments of HCMC, districts, public companies, and universities participated in the meeting. More than 40 comments and questions were raised. Those included comments on the necessity of incentives or binding rules for MRV implementation, and the importance of consistency with the national MRV institutions.

The outline of the MRV Manual and lessons learned through the MRV trials were presented in a seminar organized by MONRE. Officials of MONRE as well as those of the Ministry of Construction and Ministry of Transport participated in the seminar.



(Consultation meeting)

Preparing GHG Inventory

The second consultation meeting on the GHG Inventory Preparation Manual was held on 12 July 2017. Around 30 people from HCMC departments, districts, public companies, and universities participated in the meeting. Around 60 comments and questions were raised including those on double counting of the GHG emissions, software to calculate the emissions, and preparation process of GHG inventory.

The second half of the training on GHG inventory preparation for officials of DONRE was held on 27 July and 1-2 August. The participants calculated the GHG emissions in the Waste, IPPU, and AFOLU sectors in 2014 in accordance with the GHG Inventory Preparation Manual, which is under finalization. As the emissions in other sectors were calculated in the first half of the training in this April, the calculation for all sectors in the 2014 GHG inventory based on GPC was completed in this training.

Second General Training on Climate Change Mitigation for HCMC Officials

The Second General Training on Climate Change Mitigation for HCMC Officials was held from 5 to 7 July 2017 in HCMC. Around 80 people participated in the training from departments of HCMC, districts, public companies, and universities.



Lectures on climate change mitigation, NAMA, MRV, and GHG inventory were given in the first and second days of the training

(Part A). Lectures were given by MONRE and C40 as well.

In the third day (Part B), participants made MRV plans of energy saving project, urban railway project and waste-to-energy project as an group exercise. The participants did the MRV planning in accordance with the MRV Manual which is under finalization. JICA experts and local consultants joined in each group and provided advice. After the exercise, each group presented the MRV plans and discussion was held. Many questions and comments were raised during the lectures and workshop.

The participants showed a very positive attitude towards the training.



Taskforce meeting of Climate Change Steering Board (CCSB)

Discussion was held with the concerned organizations on the GHG Inventory Preparation Manual and MRV Manual in the taskforce meeting of CCSB on 29 August 2017. Fourteen people participated in the meeting from ten organizations: DONRE, Department of Agriculture and Rural Development, Department of Planning and Investment, Department of Zoning and Architecture, Department of Science and Technology, Department of Transport, Department of Construction, Steering Committee for Flood Control Program, Department of Industry and Trade, and HCMC Institute for Development Studies.

