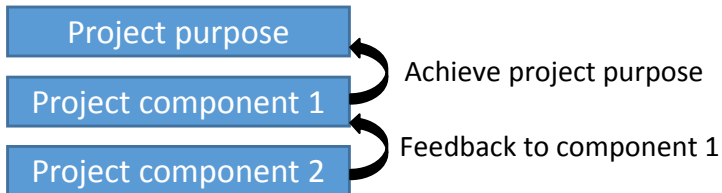




Introduction

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.

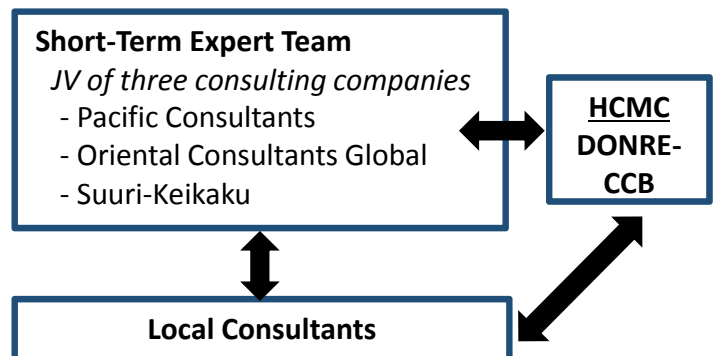
GHG Inventory

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 April to June 2016 period, the Short-Term Experts made two visits to Vietnam. In the sixth visit (Apr 2016), meeting with CCB and MONRE regarding the progress and the work plan of the project, and meeting with MONRE, JICA Long-Term Experts, and JICA Hanoi office were held. Prior to the sixth visit, a capacity assessment of HCMC organizations was conducted to identify the challenges and needs in GHG inventory and MRV of NAMAs. The assessment was conducted through the analysis of the information regarding structure, measures and plans of relevant organizations which had been collected in the past visits. In the seventh visit (Jun 2016), the second Joint Coordination Committee was held in Hanoi. Meetings with relevant organizations of HCMC to collect information for the MRV of NAMAs and GHG inventory preparation were also held in the seventh visit.

MRV of NAMAs

Continuing on from the March 2016 visit, the structure, roles and measures of relevant organizations of HCMC were analyzed, and the questionnaires for the upcoming meetings and longlists of mitigation measures were prepared. Seven measures in the energy sector, eight measures in the transport sector, and eight measures in the waste sector were listed.

In the seventh visit (June 2016), meetings with relevant organizations and a site visit were conducted to select measures to pilot MRV from the longlists.



Meeting with Management and Operation Center for Public Transport (MOCPT)

GHG Inventory

Information collection has been continued from the last visit to HCMC in March 2016. Questionnaires and data collection formats have been prepared for further meetings with relevant organizations in June. In the seventh visit (June 2016), meetings with several organizations including the Department of Industry and Trade (DOIT), Management Board for Solid Waste Treatment Complexes (MBS), HCMC Urban Environment Company Limited (CITENCO), Department of Agriculture and Rural Development (DARD), and Statistical Office in HCMC were held to investigate the data availability for preparing the GHG inventory.

The Second JCC

The Second Joint Coordination Committee was held on 10 June 2016 in Hanoi. It was attended by MONRE and HCMC-DONRE, the counterpart organizations, and MOT, MOIT, MOC, JICA, Long-Term Experts and others. The Team Leader of the Short-Term Expert Team was also present.

The participants hoped that HCMC will become a good model case under the project for implementing GHG inventory and MRV of NAMAs at the city level



Training in Japan

The training in Japan was held from 22 May to 28 May 2016 targeting ten officials of HCMC and three officials of the central ministries. The first half of the training was held in Tokyo and the second half was held in Osaka.

In the first half of the training, lectures by the Tokyo Metropolitan Government and a site visit to an energy efficient building were conducted.

The participants were lectured on the mitigation measures of Tokyo such as Cap-and-Trade Program, Carbon Reduction Reporting



Program, and measures on waste management by officials of the Tokyo Metropolitan Government. (above photo)

In the second half of the training, a lecture on the Global Warming Action Plan of Osaka City was held. In this lecture, the planning process, goals and targets, implementation structure, and monitoring system of the plan were explained.



Site visits to a waste treatment plant generating power from wastes (left photo), and a facility for regional heat and power supply using

photovoltaic and cogeneration. In the final day of the training, as an exercise, the participants planned mitigation measures in the energy, transport, and waste sector. The measures planned and achievements of the training were presented by each group and discussions were held.