JICA Climate Mitigation
Cooperation in Vietnam
-SPI-NAMA Project's
Achievement and Lessons-

Jun Ichihara, Ph.D.

JICA Long-term Expert / Chief Adviser

Project to Support the Planning and Implementation of NAMAs in a MRV Manner in Vietnam (SPI-NAMA)

6 December 2019, Japan Pavilion

Project to Support the Planning and Implementation of NAMAs in a MRV Manner in Vietnam (Example of technical cooperation scheme)



Project Term: 2015 Feb.-2020 Jan (5years)

Project Target Group:

Ministry of Natural Resources and Environment (MONRE) and ministries/agencies related to mitigation Ho Chi Minh City

Overall Goal

The Government of Vietnam is able to plan and implement NAMAs (climate mitigation policies and actions) in a MRV manner.

Project Purpose:

Capacity of the Government of Vietnam to plan and implement NAMAs (climate mitigation policies and actions) in a MRV manner is enhanced

Output 1

Capacity of MONRE to facilitate the process of development and implementation of NAMAs is enhanced

Output 2

Capacity of the line ministries and local governments to plan, implement and MRV NAMAs is enhanced.

Project to Support the Planning and Implementation of NAMAs in a MRV Manner

Project Term: 2015 Feb.-2020 Jan, (5years)

Output 1

Enhancing Capacity to facilitate develop & implement Mitigation Actions

□ Upstream Mitigation Policy Development to enable NDC Implementation and transparency requirement with MONRE and LMs

Background Studies Policy & Legal Review on NAMAs

Needs & Gap Assessment

Building Policy Framework

Trainings

Building

& Capacity

Roadmap for GHG Emission Reduction (decree) National MRV/inventory Guidelines (Circulars)

MONRE'S Training Courses & Materials

Bridging NDC Implementation

Low Carbon Technology Assessment to facilitate Vietnam's NDC Output 2

Enhancing Line Miniseries (LMs) & Local Government's capacity to plan, implement & MRV Mitigation Actions

■ Strengthening institutional capacity to quantify & manage GHG emission and emission reduction at Ho Chi Minh City (HCMC) and LMs

HCMC Climate DONRE/DMHCC/ CCB

HCMC Line Depts

Line Ministries

Technical Capacity & Pilot

City-level GHG Inventory

Policy analysis for building sector mitigation

City-level, GHG Inventory Manual and MRV Manual

Projectbased/sub-sector MRV

Building Policy Framework

Capacity Development to support update of city-level climate change action plans

Trainings & Capacity Building

Mitigation and MRV Training to HCMC Stakeholders

Legal System and climate policy examples

-Environment Protection Law

-National action
plan to
implement Paris
Agreement
-National Green
Growth Strategy
-National Target
Program on CC
and GG

Constitution

Laws

Resolutions of the National Assembly

Ordinances and resolutions of Standing Committee of the National Assembly

Orders and decisions of the President

Decrees of the Government

Decision of the Prime Minister

Circulars of Ministers

-Decree on
Roadmap and
Measures for GHG
emission reduction
(draft)

-Guiding
Circulars on
national MRV
etc (to be prepared)

SPI-NAMA's Orientation towards MONRE's Policy Formulation Effort (Output 1)

Background Technical Analyses and Advisory inputs

Variety of topics/issues studied in collaboration with national experts

Low Carbon Technology Assessment for NDC

Domestic Multi-stakeholder Consultations

Assisted informal and formal consultation process

External Mission to Strengthen the Policy Formulation Process (i.e. Japan / Thailand)

<Upstream
Policy for NDC>

Roadmap Decree
as Government
Decree

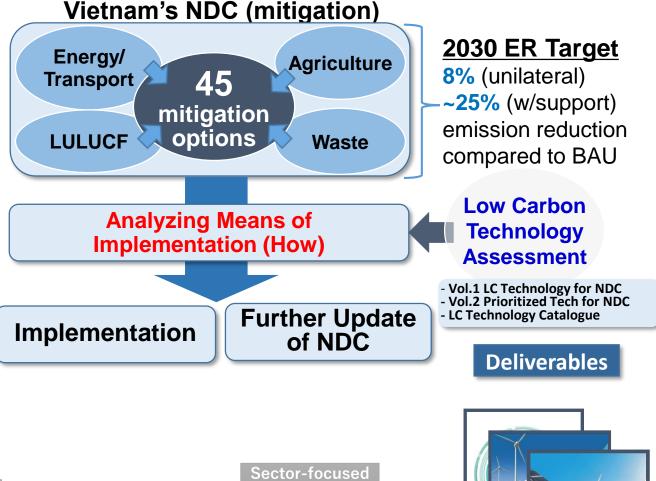
Guidelines (circulars) under the decree



Low Carbon Technology Assessment for NDC (2016-18)

Background and objective

- Vietnam's current NDC presents 45 mitigation options across 4 sectors
- Next Step needed: need review & further elaboration on suitable low carbon technology for identified mitigation actions in NDC. Means of implementation for NDC is provided.



Steps on assessment

LC
Technology
Listing for
45 NDC
options &
possible
further



Selection process -interview / discussion with stakeholders -barrier analysis



coordination (bottom-up)

National & International Advisory

consultations, coordination (bottom-up)



SPI-NAMA's Piloting activities with Ho Chi Minh City (Output 2)

Strengthening institutional capacity to quantify & manage GHG emission and emission reduction at model city Response to HCMC's needs for updating the CCAP

2015 - 2017

Understanding GHG Emission Status through GHG Inventory

- City-level GHG Inventory (2013, GPC-based)
- Inventory Manual

Piloting MRV:
Quantifying
Emission
Reductions &
Reporting
modality

- Quantifying ERs & reporting channels for on-going investment projects in HCMC (Energy, Transport, Waste)
- MRV Manual

Technical
Training for
Dissemination
to other cities

- Technical Training at HCMC (MRV, Inventory)
- Training in Japan
- Material Development

Institutionalizati
on through
PC Decision

(180/UBND – DT, 1

3. 1. 2018)



Direction

- Continuous effort by HCMC for quantification of GHGs & ERs
- Securing own budget for inventory development

2018-2019

GHG Inventory Development (Cont'd)

Analysis for Building and Industry Sectors Mitigation

Analysis for Mitigation and MRV for Seaport sub-Sector

Modelling analysis and policy review

- City-level GHG Inventory (2016)
- Emission trend
- Proposal on (mandatory) reporting system
- Mitigation options
- Emission status
- Modality for MRV for port facilities
- Mitigation options
- Estimation and mitigation potential by AIM model
- Policy review for

Metro MRV Survey by JICA office

Proposed Reporting and Feedback System for Enhancing Mitigation in HCMC (Output 2)

