Ensuring Effectiveness of the Roadmap, Mitigation Actions and Viet Nam's NDC

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Kick-off Consultative Workshop on Formulation of the Government Decree on Roadmap for GHG Emission Reduction ~ Ensuring Effectiveness of Nationally Determined Contributions of Vietnam-



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### 1. Context (1)

### The Government Decree on Roadmap for GHG ER At the end of the day, the Decree should achieve

Roadmap for GHG ER

#### 1. Anchoring Vietnam's NDC into national legal system

- **Proper domestic legal basis** for mitigation actions to facilitate mindset from "voluntary" to "responsibility"
- Means to achieve Vietnam to "participate in global GHG emission"

#### 2. Clarify & systematize <u>administrative due processes</u> on Mitigation Actions as a whole

- Elaborated guidance on mitigation by Paris Agreement
- NDC Update Process, Low Emission Development Strategy

3. Roles & Responsibilities in a "binding manner"

#### 4. Providing "How-to" Guidance on Essential Elements

- Technical Guiding Circulars

### 1. Context (2)

### The Government Decree on Roadmap for GHG ER

However,

Formulation of the Decree is just an <u>INITIAL step</u>

# Key issue at stake Once a robust legal basis for essential elements of mitigation actions (incl. NDC) are put in place, <u>how to ensure its</u> <u>effectiveness in a sustained manner?</u>

### 1. Context (3)

#### Effectiveness of the Roadmap depends on..

Empowering Implementing Entities

- Line Ministries (Mitigation Sectors)
- Non-State Actors (Cities/Provinces, Private Sectors, Academia etc)

Grasping/ Harnessing **Means of** Implementation

• Enhanced understanding on means or opportunities to realize mitigation actions

Sophisticating Instructions / Guiding Circulars

- **Practical guidance** to clarify how to execute essential elements of the Decree
- National MRV, other elements (processes, arrangement)





#### **Objectives**

- Identifying & assessing priorities of Low Carbon Technologies\* applicable to each mitigation option of Viet Nam's NDC & F-gas
- Explores concrete opportunities for technology deployment

### **Setting Definition & Scope**

- Any appliances, devices, machines, facilities, techniques, practices & management already deployed or available at global technology market, and contributing to GHG emission reduction and energy consumption
- Diverse attributes of sectors (e.g. Energy vs Agriculture/LULUCF)

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### 2. Project Approach to Enhance Effectiveness(3)

#### Low Carbon Technology Assessment

#### **Steps**



#### **Progresses to Date**

- Technology Listing to be complete
- Criteria proposed, subject to review at sector-based dialogues

Multi-stakeholder dialogues on-going

### 2. Project Approach to Enhance Effectiveness(4)

#### Identifying Low Carbon Technologies for Each NDC Option (& Beyond)



## 2. Project Approach to Enhance Effectiveness(5)

#### Low Carbon Technology Assessment

#### Value-added

- **1. Enhancing LM's planning capacity for implementation** 
  - Technical basis for sectoral action plan development

#### **2. Strengthening coordination**

- Facilitating horizontal communication among Department within Ministry (Sector-based discussions)
- Facilitating stakeholder engagement to connect communities of policymakers-PS-academia (multi-stakeholder dialogues)

#### 3. Direct Inputs to NDC Update & Revision

- Revisiting existing options (assumptions, scope)
- Barrier analysis & Viet Nam's country-specific contexts
- LM's suggestions for both modifying & elaborating options

# 4. Supporting MONRE's facilitation to connect policy development and means of implementation

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Effectiveness

### 2. Project Approach to Enhance Effectiveness(6)

2 <u>Strengthening institutional</u> <u>capacity</u> to quantify and manage GHG emission and emission reduction at model city

Sophisticating Instructions / Guiding Circulars

Empowering Implementing Entities

#### Importance of Non-State Actors

- Paris Agreement global recognition of their roles
- Global political momentum for leadership of cities Compact of Mayors, C40

### **Empowering Model City (<u>Ho Chi Minh City</u>)**

 City-level technical capacity enhancement through (1) GHG inventory, (2) piloting MRV modality for 3 sectors, (3) operational manuals development and (4) in-depth training

### 2. Project Approach to Enhance Effectiveness(7)

#### Capacity enhancement on city-level MRV and GHG inventory using *HCMC as model city*

### <u>Central</u>

#### **Government**

 ✓ National GHG Inventory
 ✓ National & Sectoral MRV System

#### HCMC

<u>Other</u> <u>Cities &</u> <u>Provinces</u>

✓GHG inventory
 ✓MRV (Energy, Transport, Waste)
 ✓Seminar/Training
 ✓Manual

(HCMC's CCAP)

Institutionalization (PC Decision)

## 2. Project Approach to Enhance Effectiveness(8)

#### **City-level GHG Inventory City-level MRV** On-going/planned domestic NAMAs in Establishing data collection & HCMC selected for **piloting MRV** reporting system to account for city-level GHG emission Baseline Method Institutional Quantifying emission ER ologies arrangement Data collection: 2013, 2014, 2015 DONRE/CCB in collaboration w/ LDs • LED Street Lighting (DOIT, D3) Energy Solar PV (DOIT/ECC, D3) **GHG** Inventory **GHG** Inventory CNG Public Buses (SaigonBus) by GPC\* by **CCAP 10** Transport - BRT Line1(UCCI/MOCPT/SaigonBus) (2013, 2014)sectors (2013) Power Generation at Go Cat Landfill Waste Biogas Recovery at small farms (DARD) Elaborating case studies in HCMC compatible w/ CCAP and NDC **Outputs:** GHG Inventory & City-level Inventory Manual **Outputs:** City-level MRV Manual Institutionalization (PC Decision) **City-wide Mitigation Technical Training**

Participants: HCMC PC, Line Departments, District Officials, Private Sector, Academia

### 2. Project Approach to Enhance Effectiveness(9)

#### **Ensuring Sustainability of Deliverables**



2. Project Approach to Enhance Effectiveness(10) Some Early Lessons to inform design of National Policies & Guidance (MRV Pilots/GHG Monitoring)

Flexibility to adopt alternative options for monitoring method/data collection

Legal basis / instruction



Allocation / mobilization of SUFFICIENT human resources

Budget Appropriation to enable MRV



- theoretically optimal monitoring
  vs what is feasible on the ground (direct vs indirect monitoring)
- pre-requisite for triggering actions (monitoring, reporting) by implementing entities
- (quantity & quality in terms of technical expertise) to execute monitoring in-situ
- e.g. installation of monitoring devices to enable MRV
- sustaining suggested MRV
  cycle
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### 3. Remaining Issues

#### Elements requiring further thinking, efforts & elaboration

Full and effective Private Sector Engagement  Gradual, strategic shift from public finance to private investment

**Investment Plan** 

Workable Arrangement of Coordination mechanism

**Concerted Efforts** 

 Resource acquisition to enable more of "self-effort"

- Systematize and strengthen technical coordination
- Inter-agency coordination (among ministries)
- Intra-agency coordination (among different Departments within Ministry)
- Systematize and strengthen technical coordination





# **Thank You**