

Annual Partnership Retreat

“The Enhanced Transparency Framework, Ambition and National Implementation”

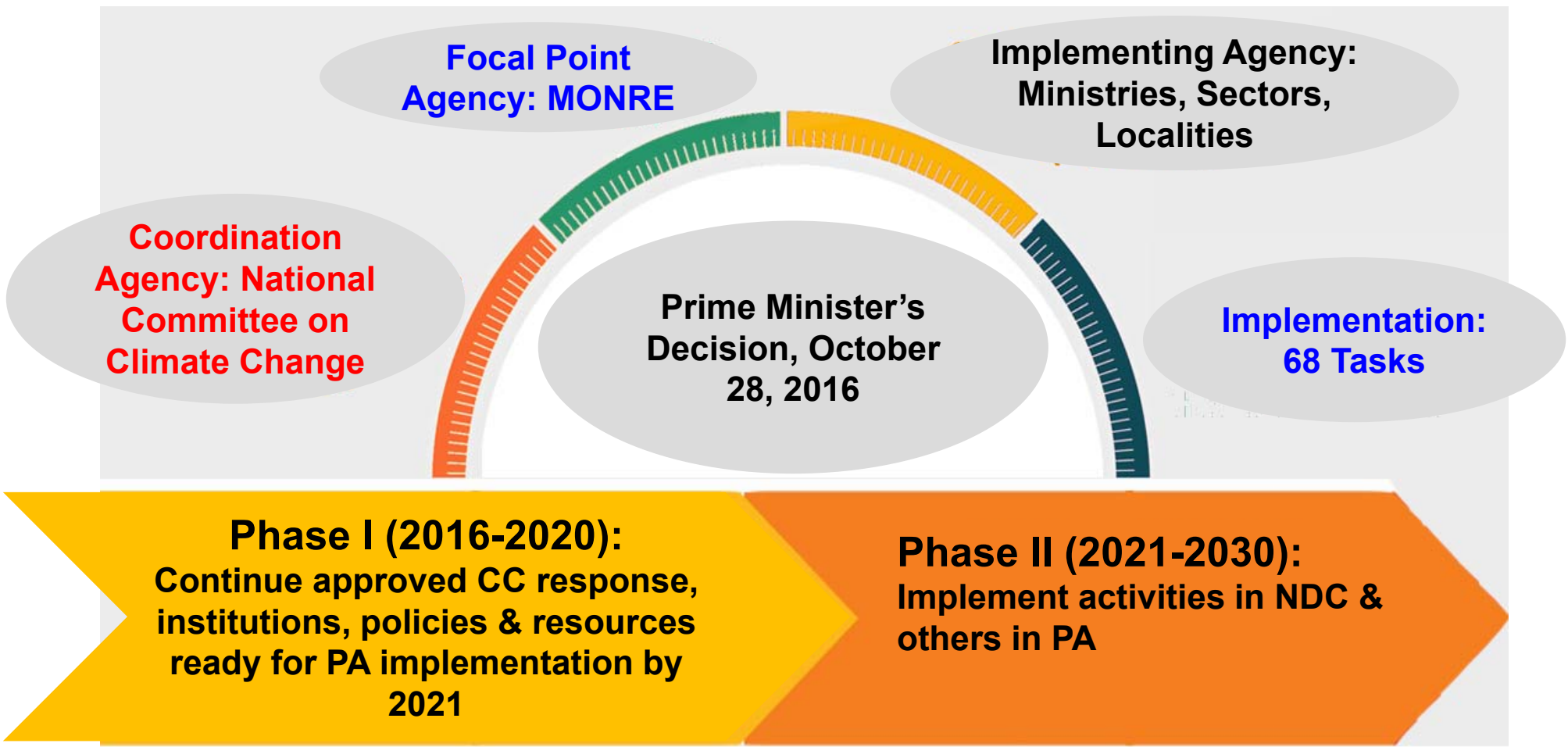
**Transparency for Adaptation:
Domestic M&E Systems Process and Indicators**

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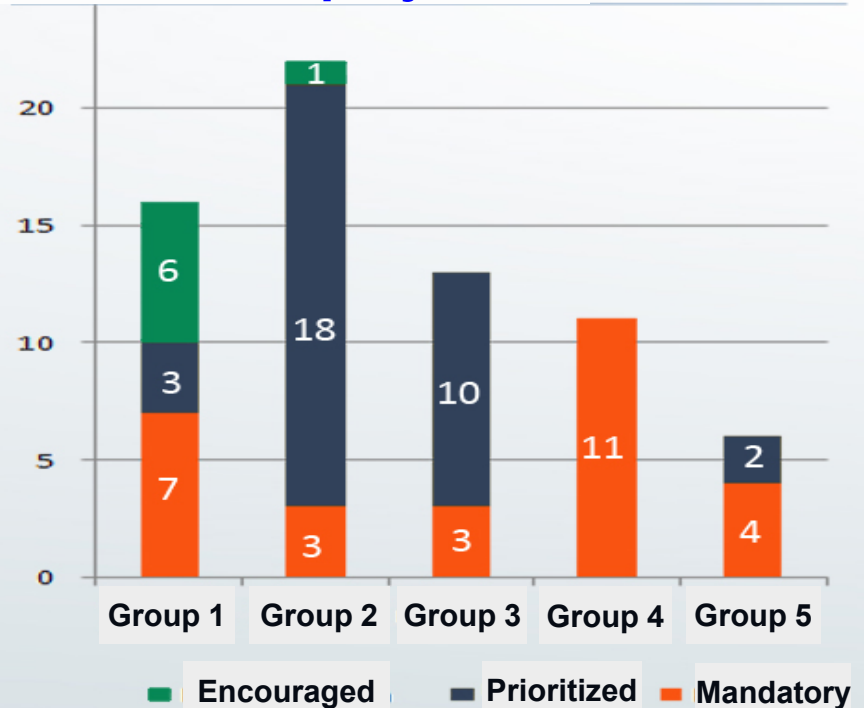
Vietnam's Plan for Implementation of the PA



Main Content of the Plan

- 1 GHG Mitigation
- 2 CC Adaptation
- 3 Resources Preparation
- 4 Transparent System (MRV)
- 5 Institutions and Policies

Number of projects



5 groups of tasks, 68 projects and 3 levels of implementation priority



**PLAN FOR
IMPLEMENTATION
OF
THE PARIS
AGREEMENT**

3.4. Establishment of Transparency System (MRV)

3.4.1. MRV for mitigation of GHG emissions

- Establish MRV system for mitigation of GHG emissions at national and sectoral level.

3.4.2. MRV for Adaptation to CC

- Establish MRV system for CCA activities at National and Provincial level.

3.4.3. MRV for resource allocation

- Guidelines to monitor the spending for responding to climate change; establish the system to mobilize resources for climate change at the national level and develop a monitoring system for technology transfer and capacity building.

Mitigation

Establish MRV system

Develop cooperation mechanisms

Operate National GHG inventory system

Establish National & Sectoral MRV systems

Enhancing capacity on MRV, GHG inventory

Adaptation

Establish MRV System

Select appropriate set of indicators for monitoring

Link MRV to planning processes

Enable capacity on planning & MRV at all levels

Others

Improve ICA process

Information sharing and coordination

Enhance Institutional capacity

Develop database for CC

Monitoring and Evaluation

- **District level:** DIONRE responsible for M&E in the district; report to the District and submit to the Province.
- **Provincial level:** DONRE responsible M&E in the Province; report to the Provincial and submit to MONRE, NCCC.
- **Sectoral level:** Ministries and Sectors responsible for M&E of assigned tasks; report to MONRE, NCCC.
- **National level:** MONRE responsible for M&E; report to the Government and NCCC.

Encourage political, social and other organizations to participate in M&E.

MRV in Viet Nam's Climate Change Policies

- ❖ **National CC Strategy** (2011): Develop scheme on GHG management;
- ❖ **NTP-RCC** (2009-2015): Province report to the MONRE;
- ❖ **SP-RCC**: Report to MPI, MOF, MONRE;
- ❖ **Projects**: Reporting requirement following Circular 22/2015-KHDT on December 2015 of MPI;
- ❖ **Plan for Implementation of PA** (2016): Task No.52-59 (MRV for mitigation and MRV for Adaptation).

Review of Indicators Applied in Viet Nam

- Adaptation Indicators (H.T.L. Huong, 2014).
 - Tool for selection of prioritized adaptation investment (MPI, 2013).
 - M&E for NTP-RCC: Focus on completion of activities, not for impact (MONRE, 2013).
 - Impact of SP-RCC: Focus on assessment of policy (JICA, 2013).
 - Indicators for resilient models: Select adaptation model (best practices to CCA) (MARD, 2013).
 - Criteria to assess the prioritized investment projects under SP-RCC: Select prioritized projects for investment.
- => Lack of MRV system focus on: (i) Result based indicator to track effectiveness of AA; (ii) Report form focus on effectiveness of AA, (iii) Questionnaires to verify the reported information.**

Review of Available Indicators

- ❖ **GEF, 2014: M&E tool to support developing countries to enhance the resilience to CC;**
- ❖ **GEF: Tool to arrange the priority of the adaptation actions;**
- ❖ **IGES, 2104: Indicators to access the effectiveness of adaptation;**
- ❖ **TRAC 3: To track the NATCOM (Canada and New Zealand);**
- ❖ **RBM, GIZ: Result Based Management;**
- ❖ **Delphi technique: Consultation.**

Approach

Current CCA

- Changes in resilience of natural environment.
- Changes in vulnerability.
- Changes in capability to reduce climate risk.

Indicators

Changes in resilience of natural environment

Changes in vulnerability

Changes in capability to reduce climate risk

Effectiveness of CCA A

- Reduce vulnerability.
- Improve Adaptive Capacity.
- Promote technology transfer & technology application.

Indicators on effectiveness of CCA actions

Changes in vulnerability

Changes in capability to reduce climate risk

Promote technology transfer and technology application in CCA

Results of CCA Actions

- Current status & needs;
- Adjust or develop suitable actions.
- Recommend new action.
- **NAP**
- **MRV System**

Process for assessing effectiveness of CCA Actions

Step 1: Develop M&E Indicators (*RBM & Delphi*)



Step 2: Questionnaire to evaluate progress/result of AA (*RBM & Delphi*)



Step 3: Field investigation on progress/result of implementation



Step 4: Data Analysis



Step 5: Develop base line of adaptation actions



Step 6: Compare results with baseline

Case Study

RMB and Delphi technique

Projects:

- 1) **Afforestation and restoration of coastal mangroves.**
- 2) **ICM Project.**
- 3) **Development of dyke to respond to CC and develop infrastructure.**
- 4) **Reforestation of coastal mangroves.**

Indicators - **Improvement of Adaptive Capacity**

1) Organizational

- Standing Office set up
- Steering committee and multi-discipline expert group
- M&E program developed

3) Physical value

- Area of mangrove planted/natural area
- Salinity
- Area affected saline water
- Damage due to natural disaster
- No. of house protected from storm compare to designed
- Area of mangrove planted compare to designed

2) Capacity building

- No. of staff trained
- No. of communication programs compared to designed
- Data base, training, transfer, maintained and implemented

Indicators - Contribution to Sustainable Development

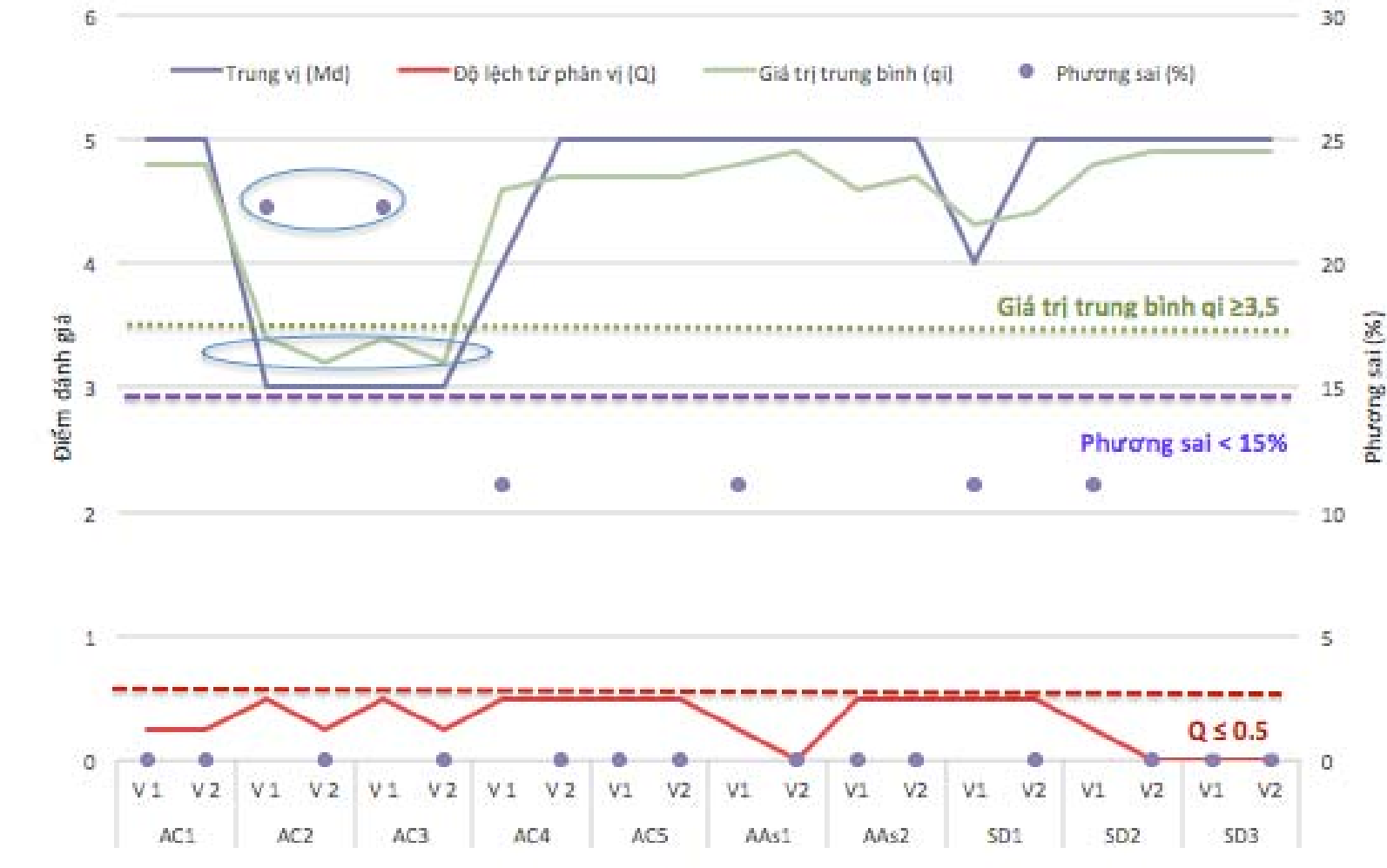
1) Management

- Risk assessment for the project area.
- Assessment of emission, pollution, and Environmental protection of the project area.
- Field survey, assessment of agricultural land used.
- Field survey, assessment of mangrove.
- Field survey, assessment and recommendation of measures for sustainable development of the project area.

2) Physical value

- No. of people has direct benefit from the project.
- Improvement of ecosystem.
- Mitigation of impacts of storm surge, wave, beach erosion.

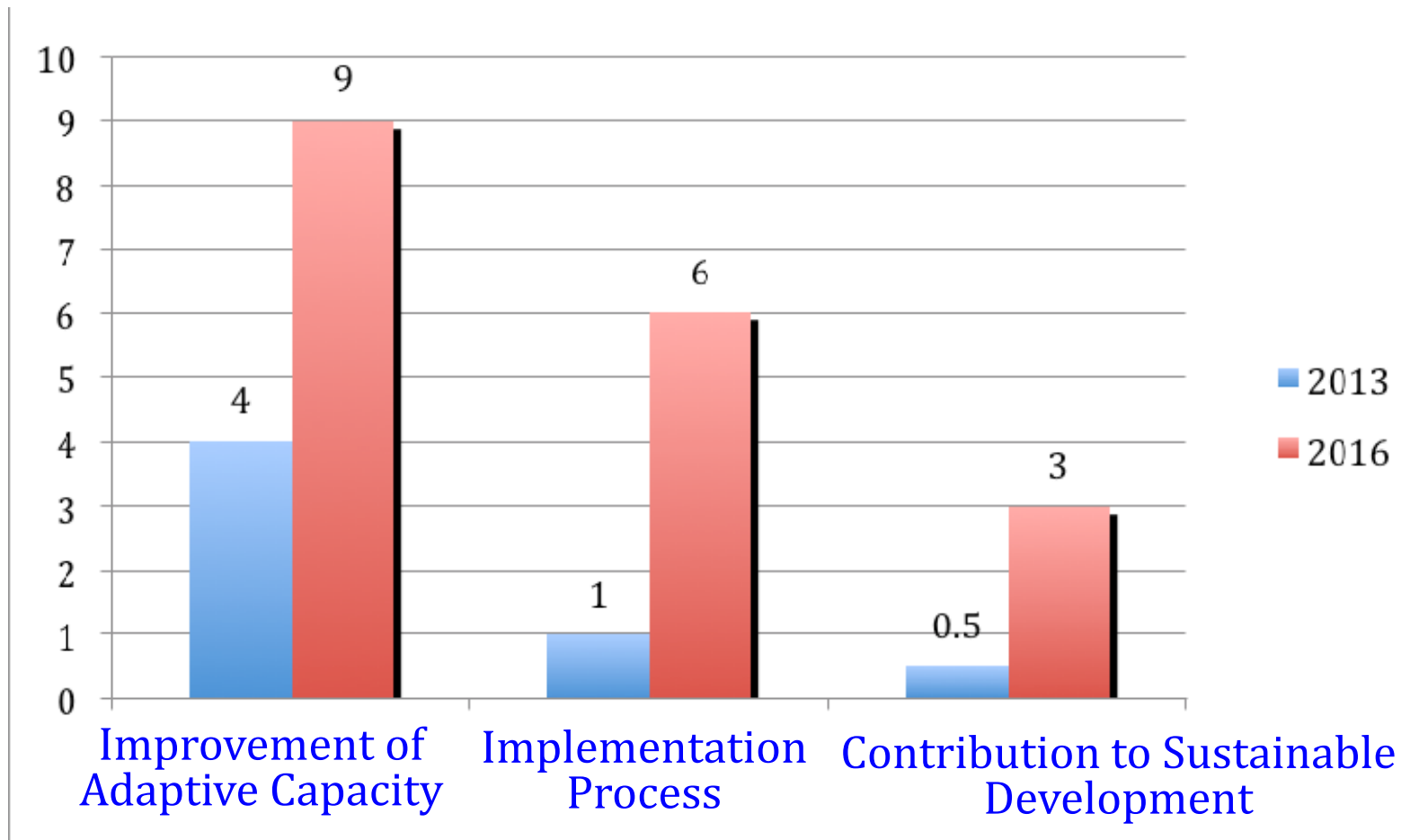
Results of consultation on Indicators



Result of consultation on Questionnaires



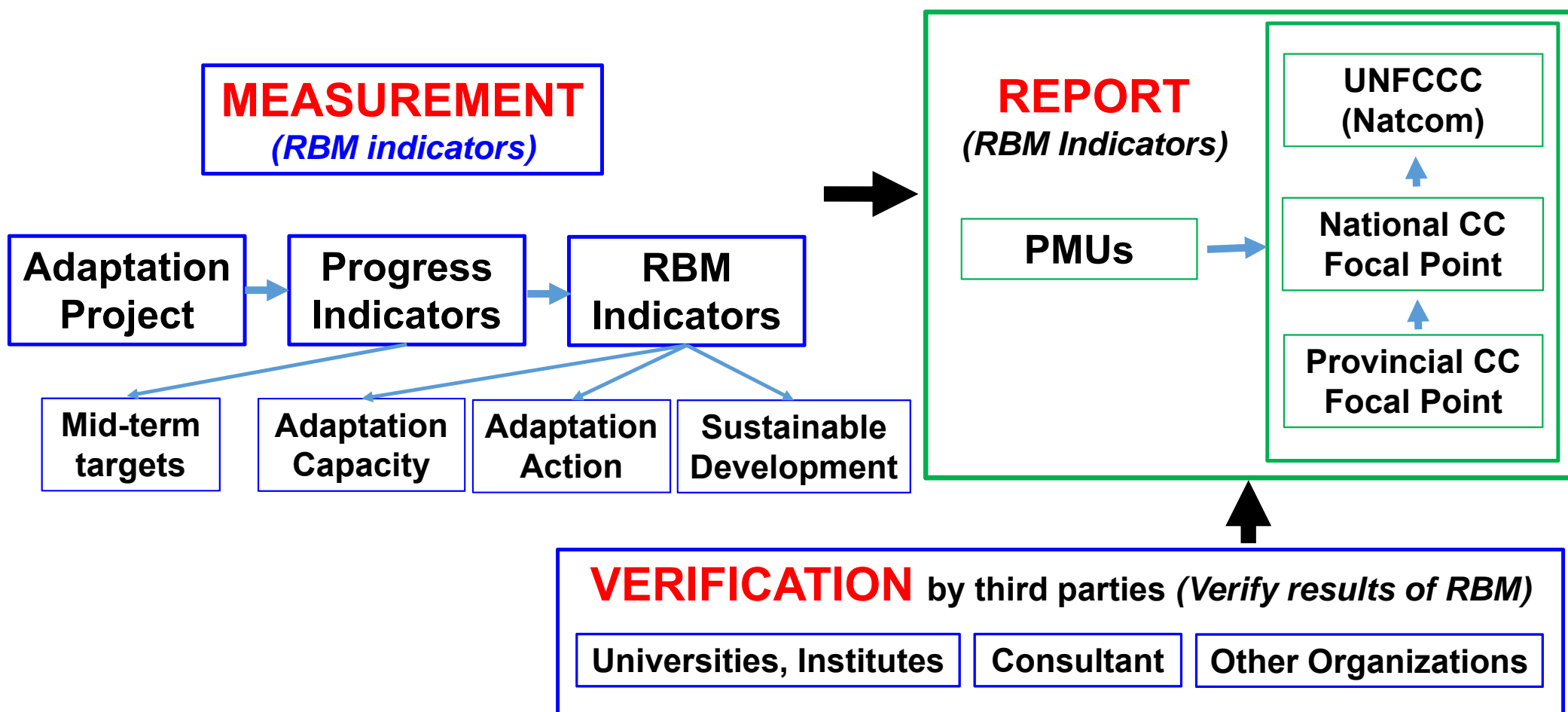
Effectiveness of the Project



Proposed MRV Framework for Adaptation Activities

- **Measurement:** Develop M&E Indicators basing on result of Adaptation Action (RBM & Delphi).
- **Reporting:** Develop report framework basing on RBM tool with 3 groups of indicator: **Improvement of Adaptive Capacity, Adaptation Process and Contribution to Sustainable Development.**
- **Verification:** Questionnaires to be developed and survey conducted by 3rd party.

Proposed MRV Framework for Adaptation Activities



Challenges and Capacity Needs

Governance

**Responsibilities of
Ministries, Sectors
and Provinces**

**Coordination
Mechanisms**

**Policies,
Regulations**

Resources

**Human: skills,
knowledge**

Technology

Finance

THANK YOU

