

Indonesia's perspective

Measurable, Reportable, and Verifiable (MRV)

Measurable, Reportable and Verifiable

BAP, Para 1 (b)
mitigation: MRV

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graph LR; A[BAP, Para 1 (b) mitigation: MRV] --> B[developed country Parties: mitigation commitments or actions]; A --> C[developing country Parties: mitigation actions]; B --> D[QELROs -> differences in their national circumstances]; C --> E[in the context of sustainable development,]; C --> F[supported and enabled by technology, financing and capacity-building];
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developed country Parties: mitigation commitments or actions

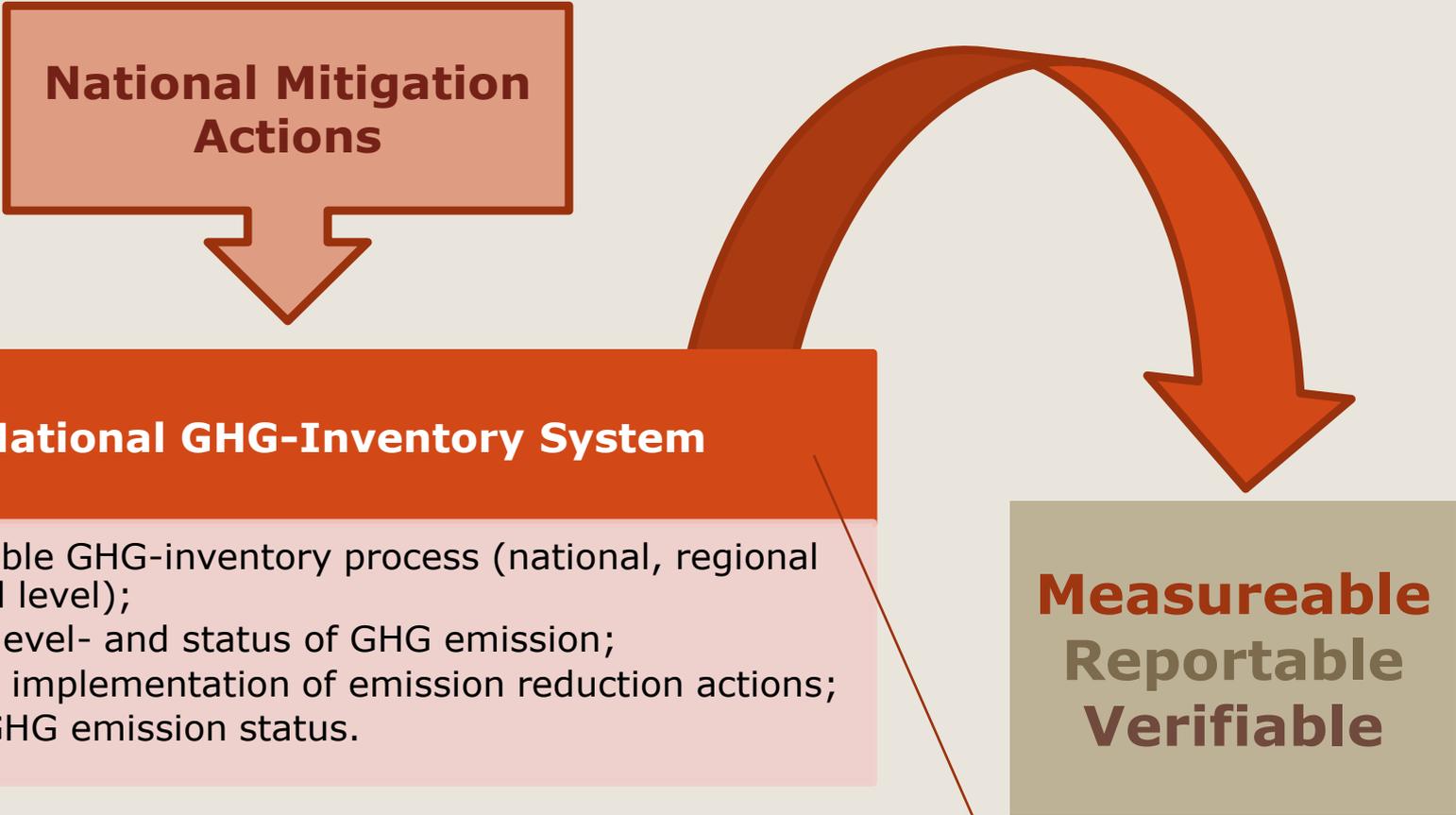
QELROs → differences in their national circumstances

developing country Parties: mitigation actions

in the context of sustainable development,

supported and enabled by technology, financing and capacity-building

National Mitigation Actions



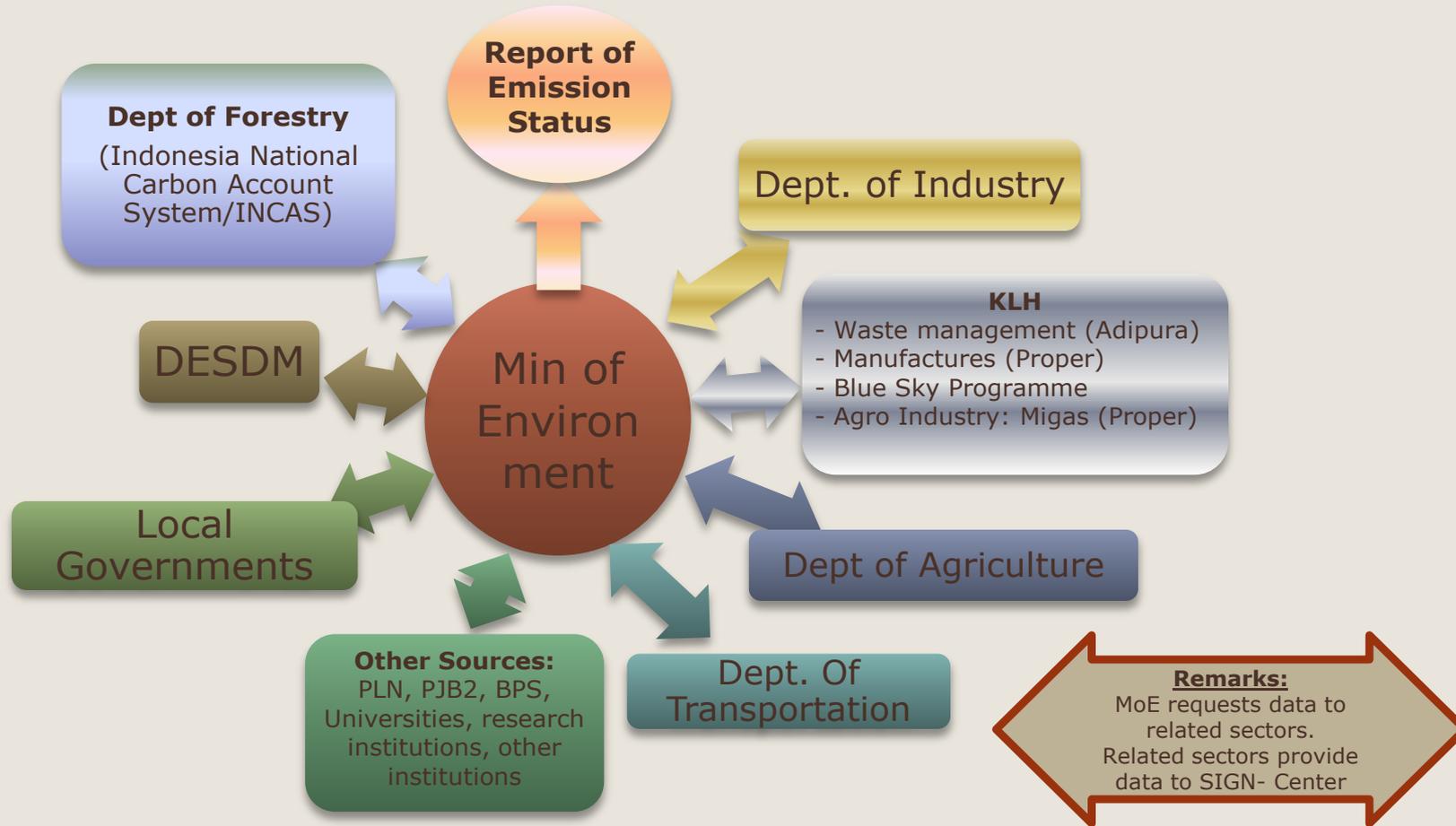
National GHG-Inventory System

- Sustainable GHG-inventory process (national, regional and local level);
- Monitor level- and status of GHG emission;
- Evaluate implementation of emission reduction actions;
- Report GHG emission status.

Measurable
Reportable
Verifiable

- *As one of the important instruments for MRV-implementation related to national mitigation actions.*
- *National GHG Inventory System → level of achievement on emission reduction (measurable) through current emission status (reportable) and re-checking process/"back-tracking" to the emission sources/sectors (verifiable), considering:*
 - *Sector/location*
 - *Source of fund;*
 - *Technology;*
 - *Energy sources/emission sources;*
 - *level of removal.*

The governance of National GHG-Inventory System



INVENTORY

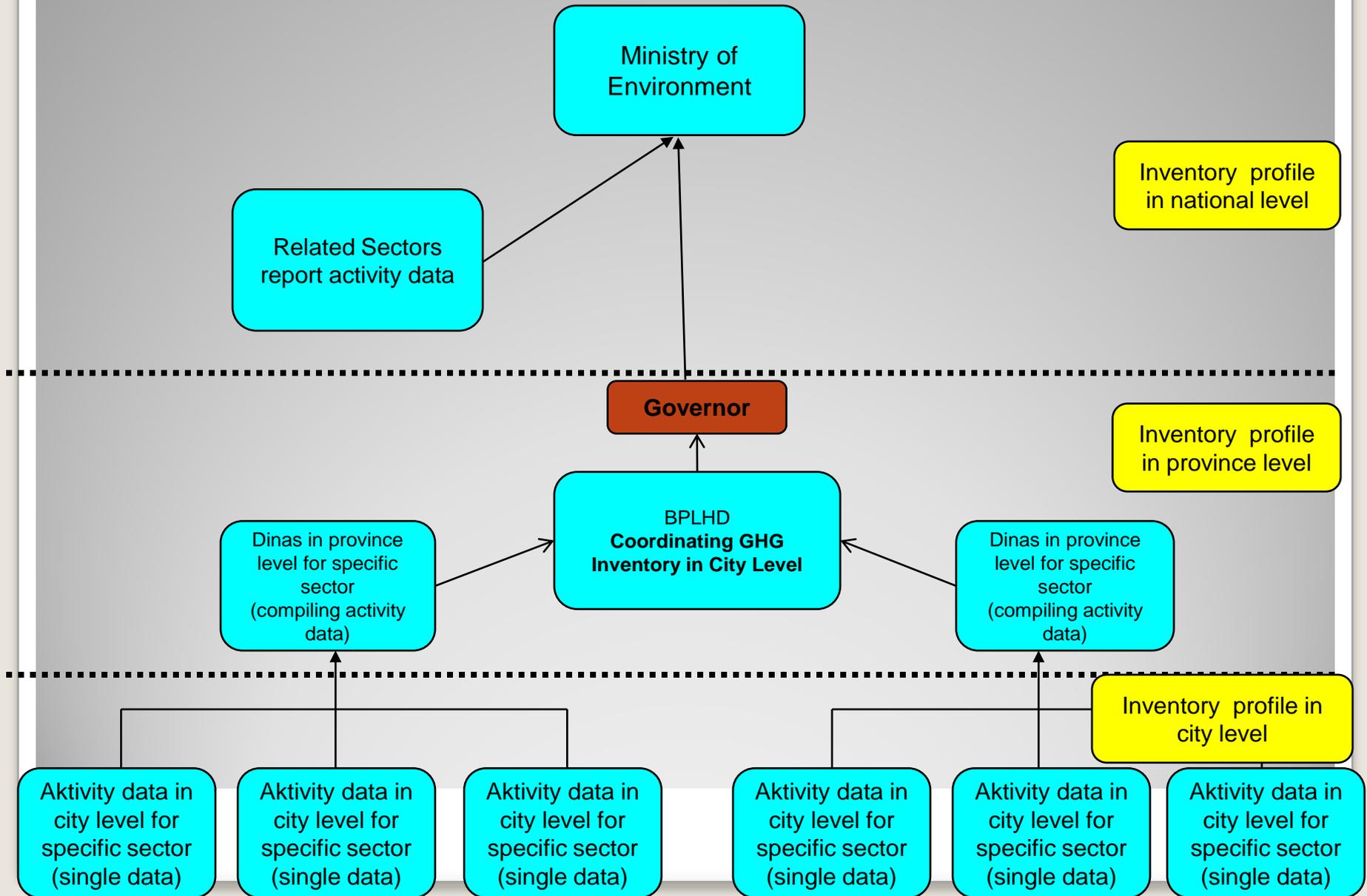
Development

1. Methodology (IPCC guideline)
2. Emission Factor and Removal Factor

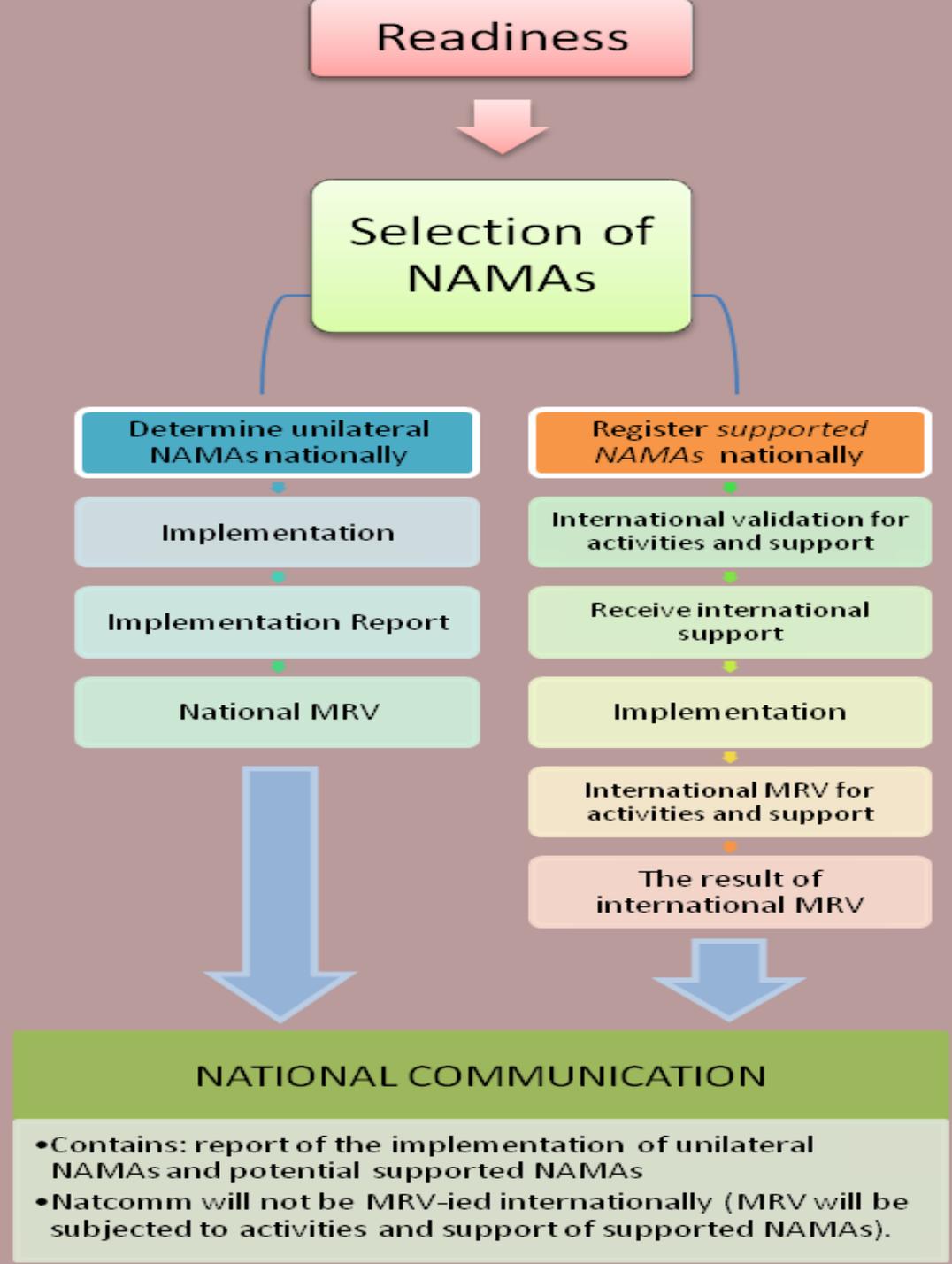
Mechanism

1. Data collection
2. Data compilation
3. Data analysis → Q/A & Q/C
4. Data and information report

GHG Inventory Scheme



Mitigation cycle in developing countries



NATIONAL MRV SCHEME

NATIONAL GHG INVENTORY AND EMISSIONS PROJECTION

USED AS BASIS FOR DEVELOPING SECTORAL MITIGATION PLAN

CALCULATING THE LEVEL OF NATIONAL GHG EMISSIONS, INCLUDING MITIGATION ACTIONS
(MEASURABLE)

VERIFICATION OF ACHIEVEMENT OF MITIGATION ACTIONS
(VERIFIABLE)

RESULT OF VERIFICATION
REPORTED TO MOE

MOE DEVELOPS NATIONAL GHG INVENTORY
AND THE RESULT OF MITIGATION ACTIONS
(REPORTABLE)

REPORT OF THE
IMPLEMENTATION OF
MITIGATION ACTIONS

PREPARED BY MOE
AND REPORTED TO
RAN-GRK TEAM

NATIONAL GHG
EMISSIONS
REDUCTION TEAM
Coordinated by Min of
Economic

REPORT OF NATIONAL
GHG INVENTORY

AS PART OF
NATCOM

UNFCCC

INVENTORY OF GHG EMISSIONS ACTIVITIES RELATED TO MRV

- Data collection by sector in national and local level.
- All related sector in national and local level, report such data to Ministry of Environment.
- MoE monitors activities that are emits and absorb GHG emissions.

Measurement

- MoE periodically developed report on the level and status of GHG emissions, including projection of GHG emissions.
- MoE also develop report on the progress of the implementation of mitigation action, especially on the level of emission reduction.

Reporting

- Independent body/national expert panel verify the achievement of mitigation activities, and report the result to MOE.

Verification

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Thank You