



Food and Agriculture
Organization of the
United Nations



Support for the Design of a Monitoring, Reporting
and Verification System in the Framework of
REDD+ Readiness in the Sudan
- Institutional arrangements and gap analysis

MRV in the Context of REDD+

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MRV for REDD+

- specifically refers to the measurement, reporting and verification of a country's forest, and associated GHG emissions and removals, including their changes over time. The reliability of the generated information depends on whether data comply with defined quality criteria: transparency, comparability, consistency, completeness, and accuracy. Overall guidance on how to adhere to these criteria has been provided by the Intergovernmental Panel on Climate Change (IPCC) at the invitation of the UNFCCC.

Phases of REDD+

- **Phase 1 : REDD+ readiness, include the development of national strategy or action plan; a national Forest Reference Emission Level and/or Forest Reference Level; a robust and transparent national forest monitoring system; and a system for providing information on how social, legal, and environmental safeguards are being addressed and respected throughout the implementation of the REDD+ activities.**
- **Phase 2: involves the implementation of national policies and measures and national strategies or action plans, which could involve further capacity-building, technology development and transfer, and results-based demonstration activities.**
- **Phase 3: involves implementation of REDD+ activities that are measured, reported, and verified emission reductions and removals from the forestry sector for results-based payments.**

Why MRV for Forestry sector?

- Forestry sector in Sudan requires a clear understanding of reducing emissions from deforestation and forest degradation (REDD+) with regular monitoring system for forest cover and REDD+ strategy and the impacts of these actions.

“MRV,” :

- measurement or monitoring (M),
- reporting (R),
- and verification (V),

Why MRV for Forestry sector? Cont.

- The establishment of MRV systems for REDD+ is a key component for the successful implementation of mitigation actions in the forestry sector. (REDD+ is mechanism of mitigation)
- MRV systems for REDD+ ensure the reliable monitoring of carbon and carbon stock changes through the collection and dissemination of transparent, comparable, consistent, complete, and accurate data.
- Having in place robust institutional, legal, and procedural arrangements among government agencies and other entities involved in REDD+ activities ensures sustainable estimation of associated GHG emissions and removals.

Establishment of MRV

- Need to involve designating responsibility to regulatory entities, approve and coordinate MRV at the local, subnational, national and international levels.
- Roles and responsibilities have to be defined and existing capacities assessed in order to determine where capacity or policy gaps exist.
- To bridge the capacity gap, there is need for
 - (i) the assessment of existing national forest monitoring technical capabilities versus the requirements for the MRV system;
 - (ii) the development and implementation of a roadmap to build sustained in-country capacities for MRV.

Result Base payment

All countries can be eligible For RBP through the following have to in place:

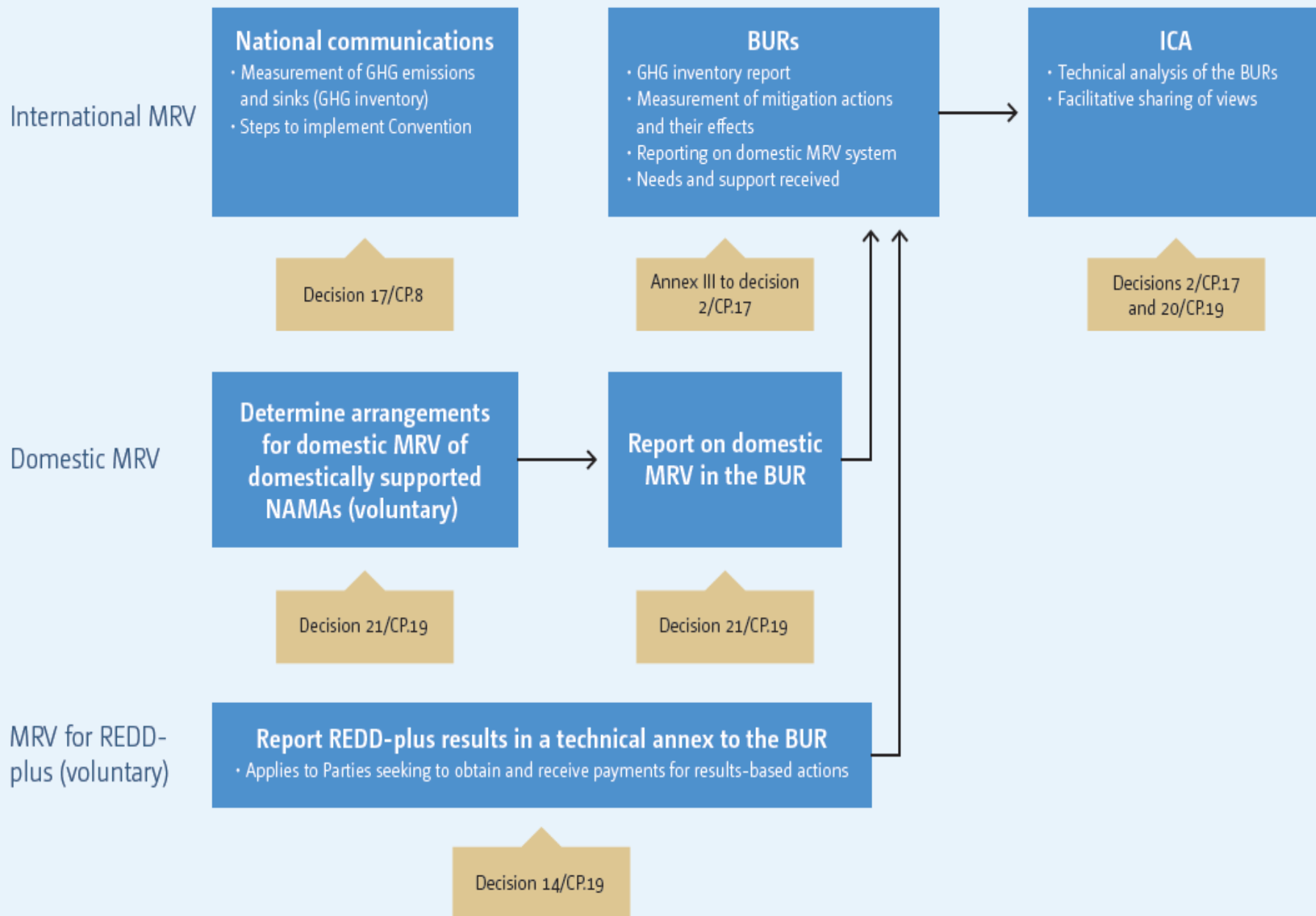
1. A national strategy or action plan
2. An assessed forest reference emission level and/or forest reference level
3. A national forest monitoring system
4. A system for providing information on how the safeguards are being addressed and respected
5. And the results-based actions should also be fully measured, reported and verified (MRV).

ERL/EL

Reference levels:

- Are expressed as tonnes of CO₂ equivalent per year for a reference period against which the emissions and removals from a results period will be compared.
- Reference levels serve as benchmarks for assessing each country's performance in implementing REDD+ activities.
- Reference levels need to maintain consistency with the country's greenhouse gas inventory estimates.
- Reference levels should be transparent, taking into account historic data and be flexible so as to accommodate national circumstances and capabilities, while pursuing environmental integrity and avoiding perverse incentives.

Key elements of the MRV framework



Recommendations

- Identification of Stakeholders (mapping)
- Assessment of gaps (policies, roles and responsibilities..etc)
- Training and capacity building
- Use the current studies such as : land use and land tenure, drivers of deforestation, etc.. To be considered in MRV.

Thank you