



# **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**

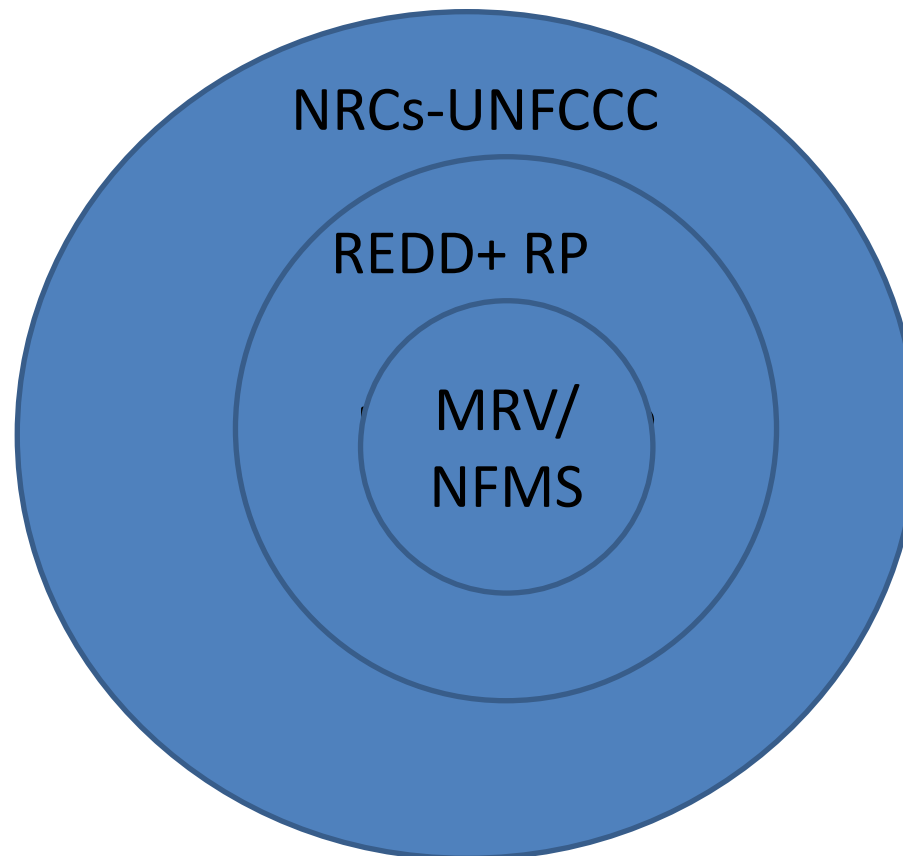
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# Support for the design and implementation of a REDD+ MRV System (FAO) - Context





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## Support for the design and implementation of a REDD+ MRV System (FAO)

**Objective:** Sudan has available data and capacity to monitor, report and verify REDD+ activities.

FAO support should result in:

1. National Forest Monitoring System developed ( i) a satellite land monitoring system, ii) a national forest inventory, and iii) a national greenhouse gas inventory.



## Support for the design and implementation of a REDD+ MRV System (FAO)

2. Forest Reference Emission Level (FREL)/Forest Reference Level (FRL) developed according to UNFCCC requirements for REDD+
3. Institutional arrangements and data management systems to support the national MRV system strengthened



## Support for the design and implementation of a REDD+ MRV System (FAO)

FREL/FRL - **benchmarks** for assessing each country's performance in implementing REDD+ activities

**FREL**- emissions from deforestation and forest degradation

**FRL**- removals associated with forest enhancements



# Institutional arrangements and gap analysis

1. National MRV System under UNFCCC
2. REDD+ MRV System



# Institutional arrangements and gap analysis

## 1. National MRV System under UNFCCC

**M** = Process of estimating GHG emissions and removals - applies to NGGI & mitigation actions (REDD+) and (NAMAs)

**R** = Reporting on measures of GHGEs through **NCs** & **BURs**

**V** = Verification through the International Consultant Analysis (ICA) of BURs – international level

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## Institutional arrangements and gap analysis

**NCs** provide information on GHGs, measures to mitigate and to facilitate adequate adaptation to climate change, and any other information that the Party considers relevant to the achievement of the objective of the Convention.

**BURs** are reports submitted by non-Annex I Parties, including a national inventory report and information on mitigation actions, needs and support received to implement the Convention (including the status of its GHG emissions and removals by sinks, and actions to reduce emissions or enhance sinks)





# Institutional arrangements and gap analysis

## 2. REDD+ MRV System

- relates to emissions estimates under REDD+
- ❖ **Measurement** of emissions estimates related to REDD+ activities (e.g. NFMS emissions estimate) provided as outputs for **Reporting** and the expertise, archiving, and information sources to support **Verification**



## Institutional arrangements and gap analysis

**Objective:** undertake institutional mapping, gap analysis and capacity needs assessment for a NFMS and REDD+ MRV

- identifying possible objectives and policy requirements of the REDD+ MRV & NFMS;
  - identify roles/responsibilities of key institutions relevant to REDD+ MRV;
  - assessment of gaps, overlaps and training needs;
  - proposed coordination mechanisms amongst those institutions.
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# Institutional arrangements and gap analysis - Findings

- A MRV system is a set of **institutional arrangements** and a **technical system** that supports the 3 elements (measurement, reporting & verification)
- No universal model for the institutional arrangements for building and implementing a REDD+ MRV system.
- Driven by the country specific circumstances, including internal capacity and policy objectives



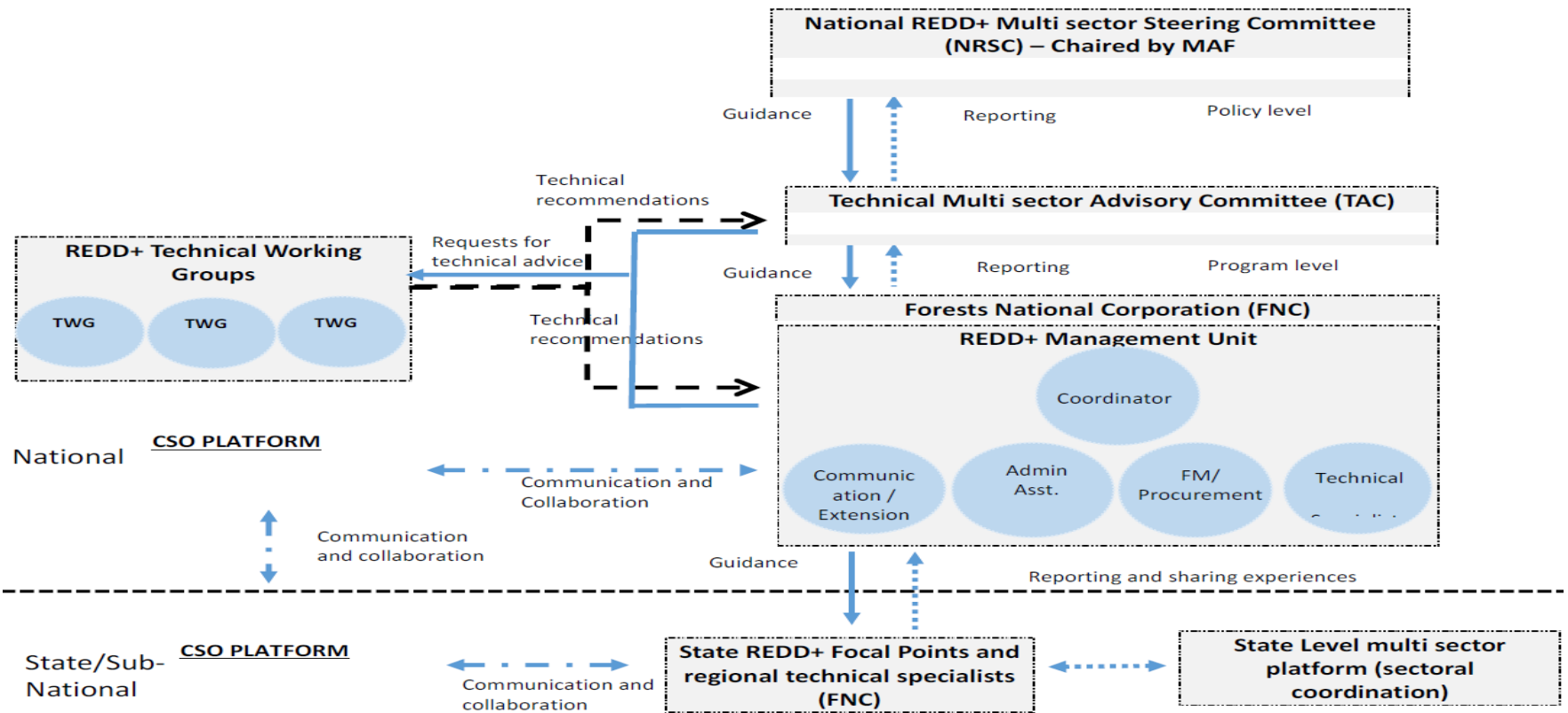
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# Institutional arrangements and gap analysis - Findings

- In Sudan, all structures of the REDD+ institutional arrangements are in place and operational



# Institutional arrangements and gap analysis - Findings





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# Institutional arrangements and gap analysis - Findings

- National REDD+ Multi-Sector SC responsible for designing policy framework for REDD+ program & facilitating coordination between key sectors that are addressing drivers of deforestation and forest degradation & sustainable NRM at the policy level
- Technical Advisory Committee for REDD+ provides technical and program support for design and operation of REDD+ Program



## Institutional arrangements and gap analysis - Findings

- REDD+ Management Unit (FNC) responsible for coordinating development of NFMS, & development of FREL/FRL and supporting technical document
- Technical Working Groups (TWG) - provide input into the design process for broader REDD+ program through consultation on TORs and technical reports
- Regional/sub-national REDD+ Focal Points & technical specialists



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# Institutional arrangements and gap analysis: Findings & recommendations

Existing REDD+ frameworks are temporal and project-based & sometimes functional due to the effective working relationship between staff members.

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- ❖ Maintain the existing framework for REDD+ and formalise the collaboration between the TAC, RMU & TCNC with clear responsibilities of each of these bodies.
- ❖ Institutionalize & link REDD+ program to FNC mandate





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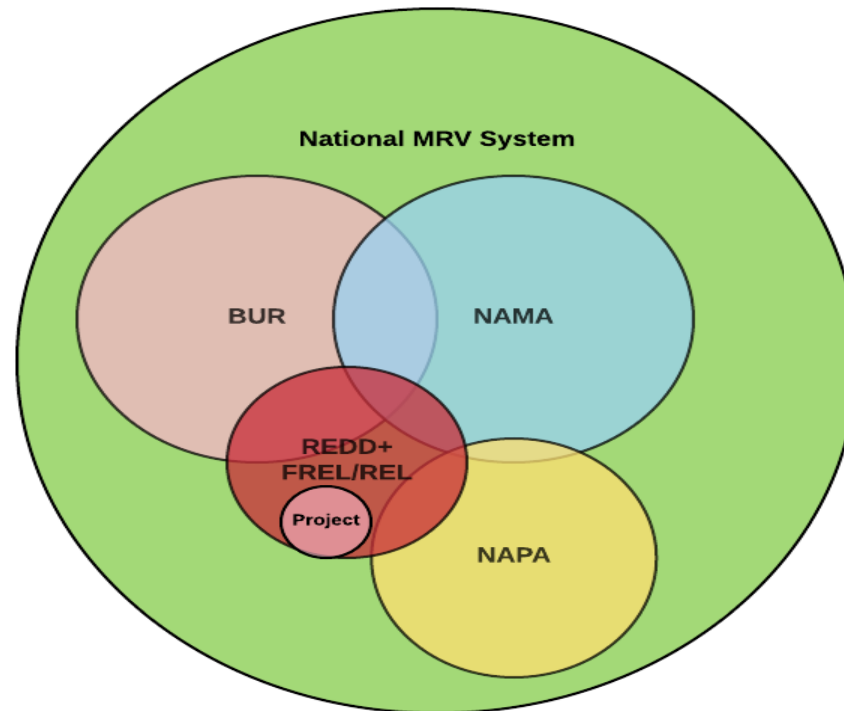
# Institutional arrangements and gap analysis – Findings

REDD+ MRV system & NFMS created in absence of a  
broader national MRV system

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# Institutional arrangements and gap analysis - Findings

## Country's Reporting Obligation





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# Institutional arrangements and gap analysis: Findings and recommendations

- ❖ The reporting & verification, though clear is the responsibility of the HCENR, it is recommended to document the reporting & verification arrangements between RMU and HCENR, indicating where responsibility lies for:
  - developing the technical description for the FREL/FRL
  - Submitting the technical description of the FREL/FRL for technical assessment & responding to technical assessment
  - Collation of REDD+ data
  - Incorporating REDD+ data
  - Submission of BUR



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# Institutional arrangements and gap analysis – Findings recommendations

- Heavy RMU work load and gaps in the capacity of its junior officers (high reliance on RMU to make key design decisions on overarching framework & to oversee implementation of REDD+ system)



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# Institutional arrangements and gap analysis – Findings & recommendations

- ❖ Train RMU staff on REDD+ and MRV systems
- ❖ Assign responsibility for making design decisions of MRV framework to TAC, with support from TCNC including the information requirements, the data requirements, and approaches for continuous improvement



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# Institutional arrangements and gap analysis – Findings & recommendations

- Disconnect in roles & activities of these bodies and existing ones leading to development of duplicate or parallel processes
- ✓ Disconnect between activities of RMU and the broader FNC work.
- ✓ Disconnect between activities of the GEF Carbon Sequestration Project and RMU activities
- ✓ Disconnect & inconsistency between NGHII & REDD+ program of work



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# Institutional arrangements and gap analysis – Findings & recommendations

- ❖ Harmonise the two teams working on collecting forest related data within FNC
- ❖ Ensure consistency between the design of the REDD+ MRV and the NGGI, including for key definitions; methods; data; approaches
- ❖ Improve internal communication within FNC
- ❖ Strengthen the linkage/interaction between the TAC and the TCNC



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# Institutional arrangements and gap analysis – Findings & recommendations

- Membership of TWGs focused largely on government staff with limited or no representatives from non-government sector.
- ❖ Establish ongoing TWGs with members from government, academics, and the private sector covering the key themes: methods/tier; remote sensing products and land use mapping; forest management and events; safeguards





# Thank you

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