

Mozambique's MRV Roadmap

The pathway towards ER payments

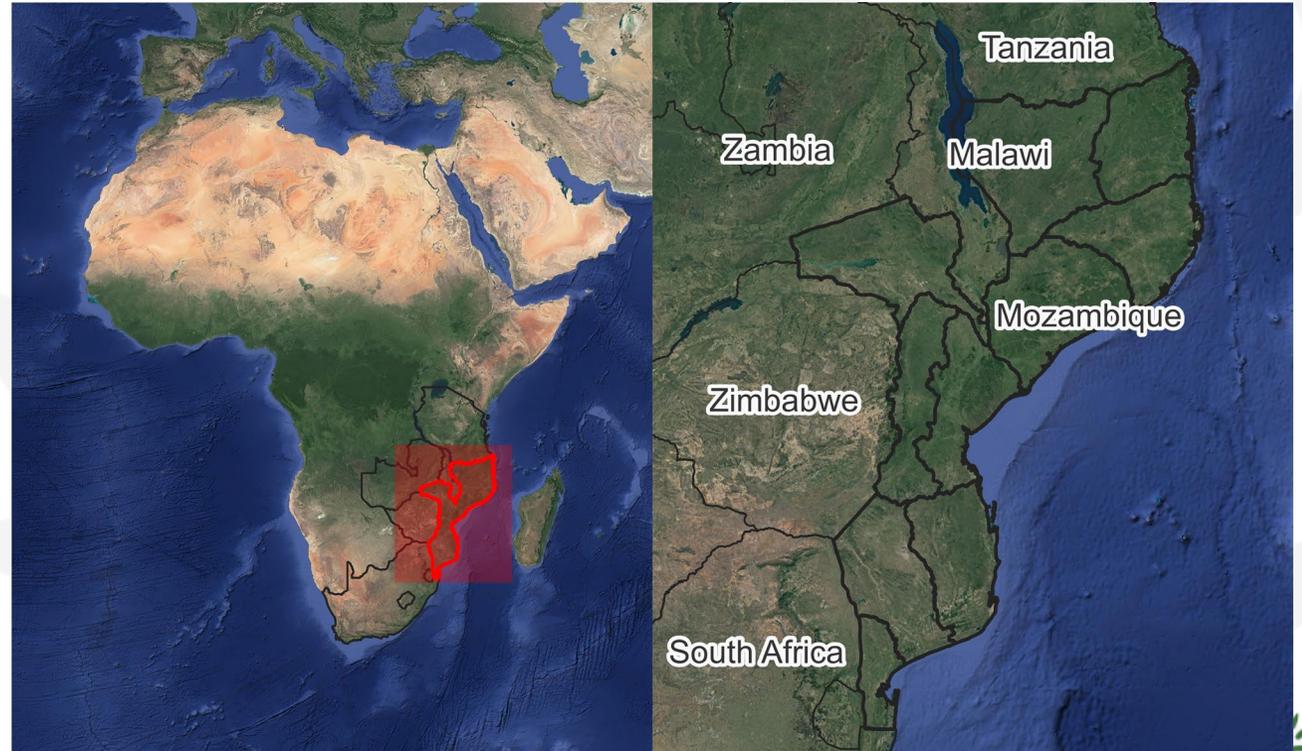
Muri Soares – MRV Unit



Mozambique

- Country Area: 80 million ha
- Population: 33 million

- Forest area: 32 million ha
- Tropical dry forests (miombo)
- Among the highest deforestation of the continent



Mozambique's MRV Roadmap

National
Forest
Inventory

Activity data

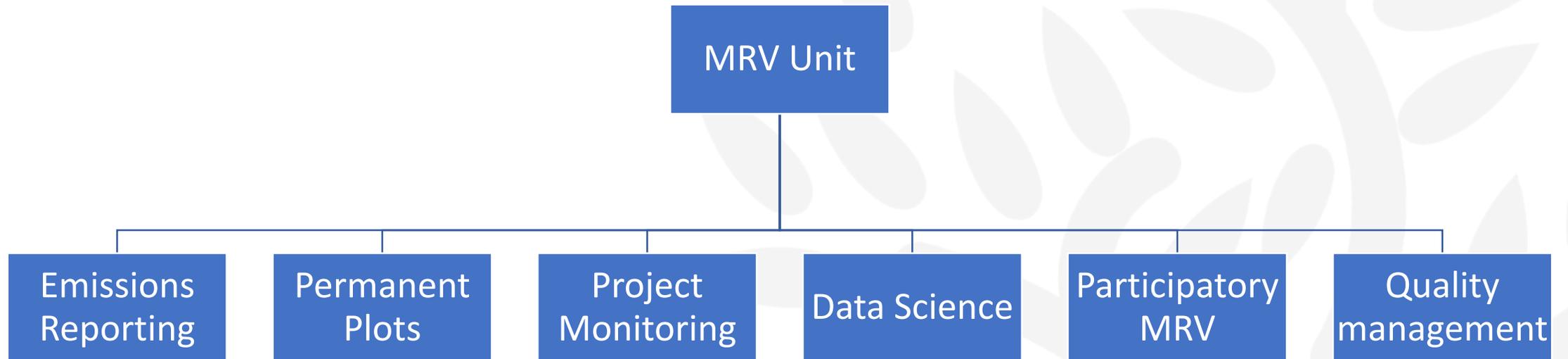
Land use and
land cover
map

Permanent
Sampling Plots

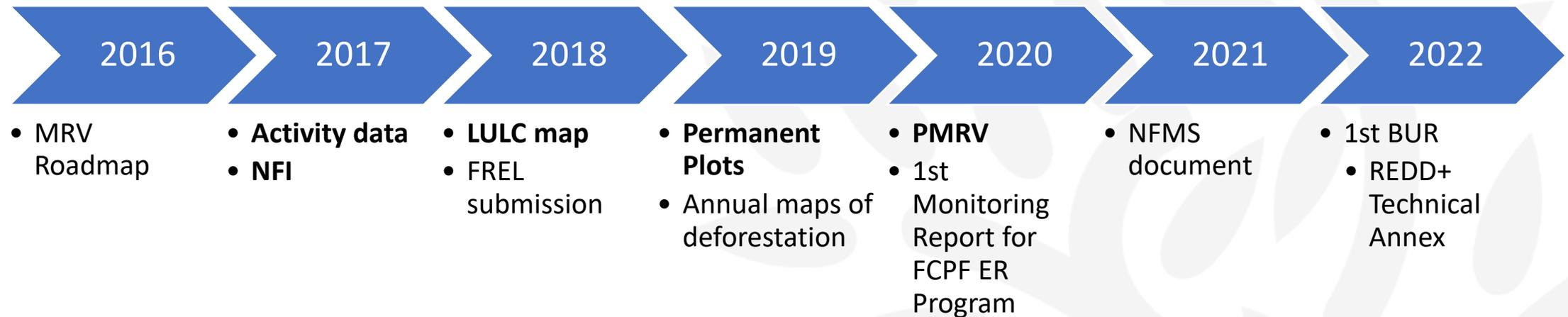
Participatory
MRV



MRV Unit structure



Mozambique's MRV Roadmap Milestones



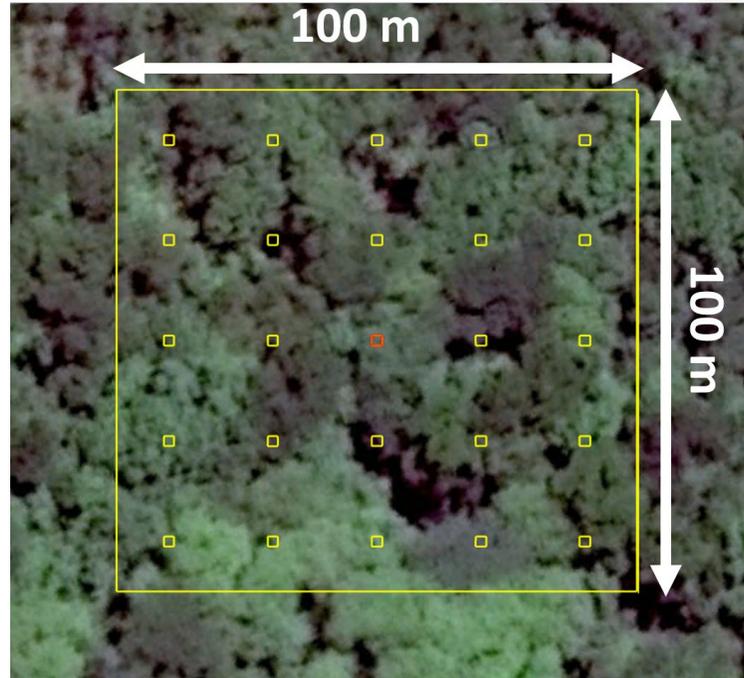
National Forest Inventory

- 3420 plots
- Finalized in 2018
- Emission factors generated all terrestrial forests of Mozambique
- Used in:
 - Annual allowable cut
 - 1st FREL
 - FCPF ER Program
 - BUR submission



Activity data (2001-2016)

- Systematic sampling grid 4x4 km
- All land cover class changes
- Used in:
 - 1st FREL
 - FCPF ER Program Baseline
 - 1st BUR



Elementos **Uso da terra atual** RS info (atual)
Mudança no uso da terra RS info (antiga)

Uso da terra IPCC

Cultivos	Florestas
Pradarias	Áreas alagadas
Áreas urbanas	Outras Terras

Confiança IPCC

Classe nacional

Floresta (Semi-) decídua fechada

Confiança classe nacional

Subclasse nacional

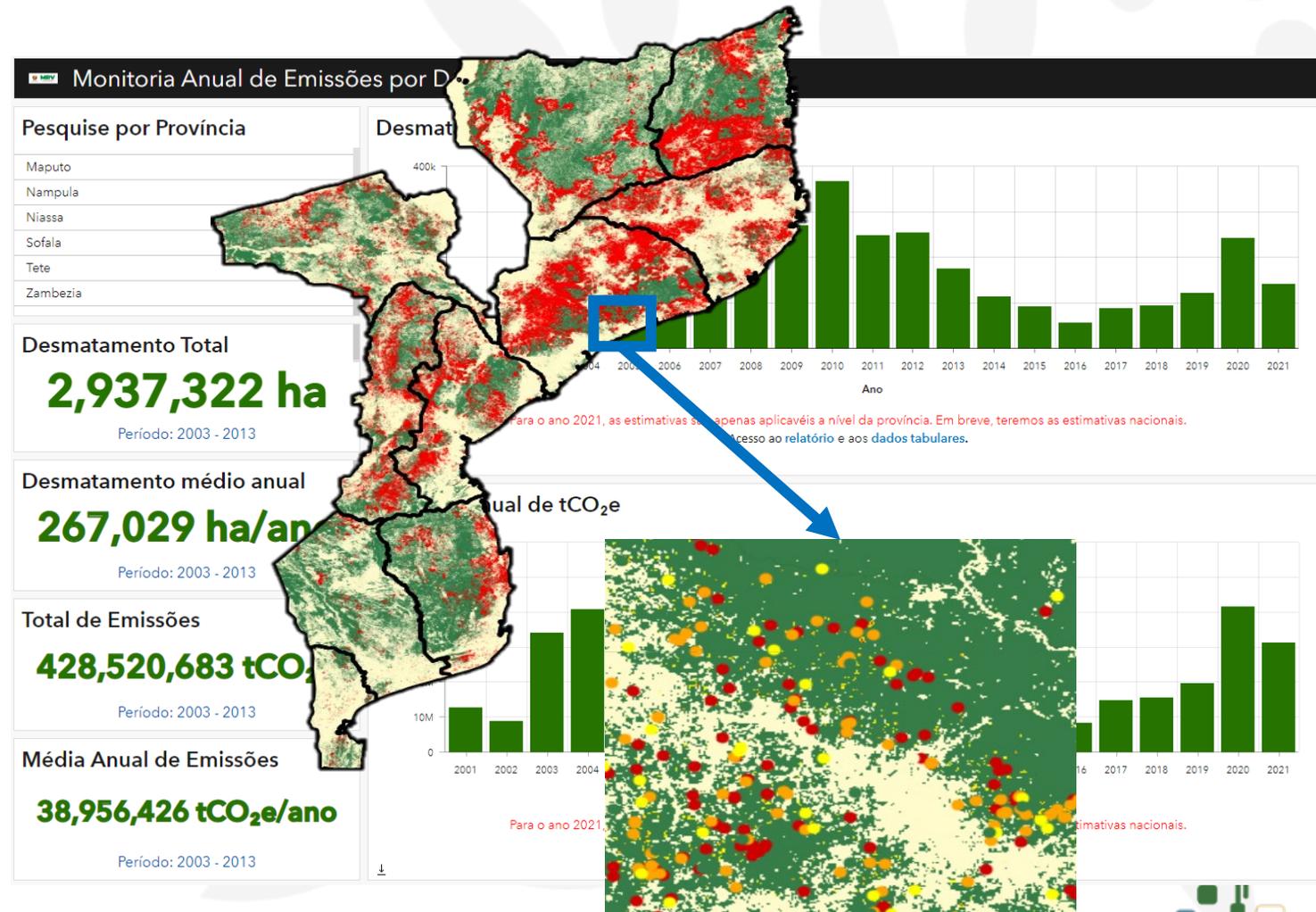
Miombo denso

Confiança subclasse nacional



Activity data – Hybrid approach (2017->)

- Combination of wall-to-wall mapping and sampling
- 2017 – present
- Produces annual estimates of deforestation
- Used in:
 - FCPF ER Program Monitoring
 - ERs in landscape projects
 - Emission estimates at national, provincial and district level

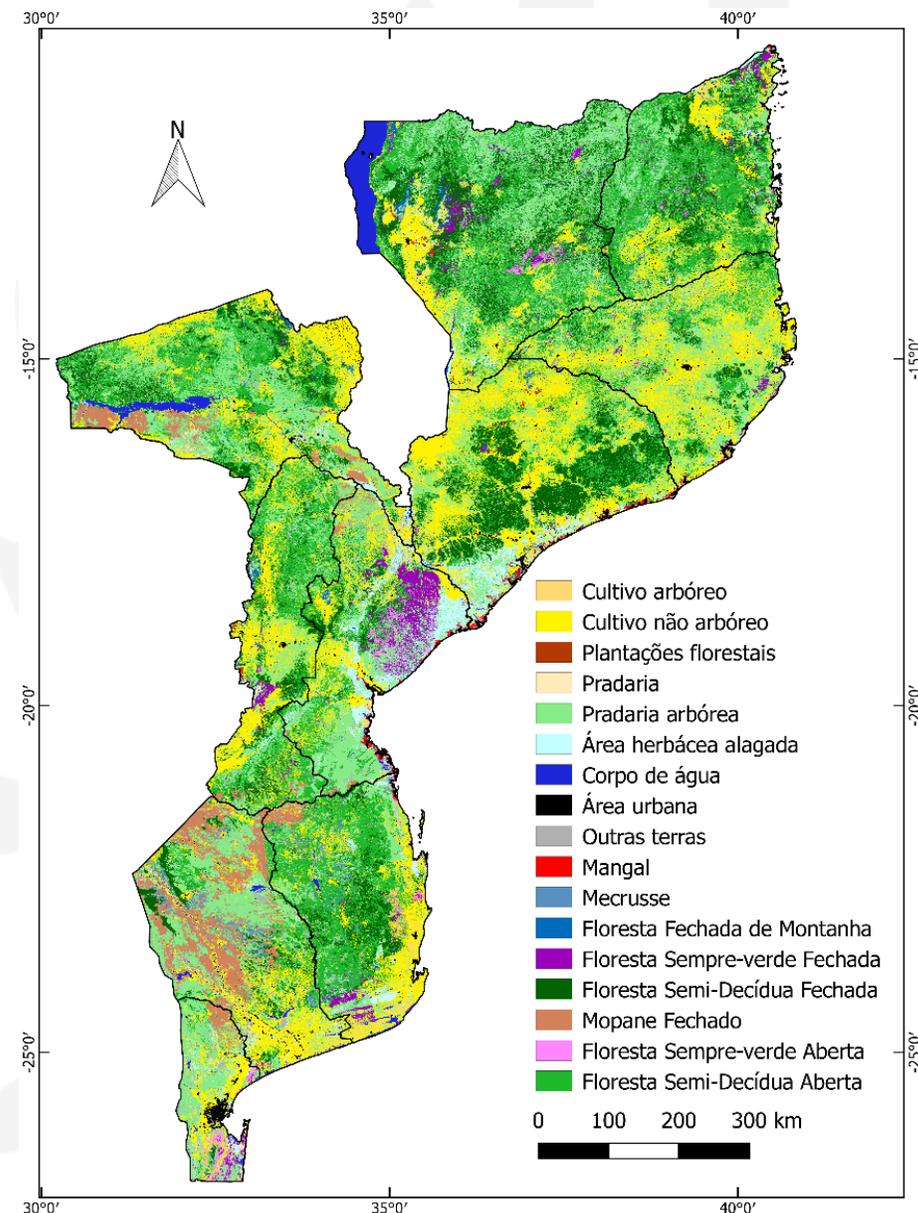


Link: <https://arcg.is/OHGr1L>



2016 Land use and land cover map

- Combination of automatic classification and extensive manual editing
- Used in:
 - Stratification of Permanent plot network
 - Post-stratification of NFI results
 - Historical vegetation map of Mozambique
 - Red listing of ecosystems



Permanent Sampling Plots

- Essential for forest management
 - Species growth rates
 - Forest Dynamics
- Installation manual
- Quality assurance protocol
- 25/100 PSPs installed

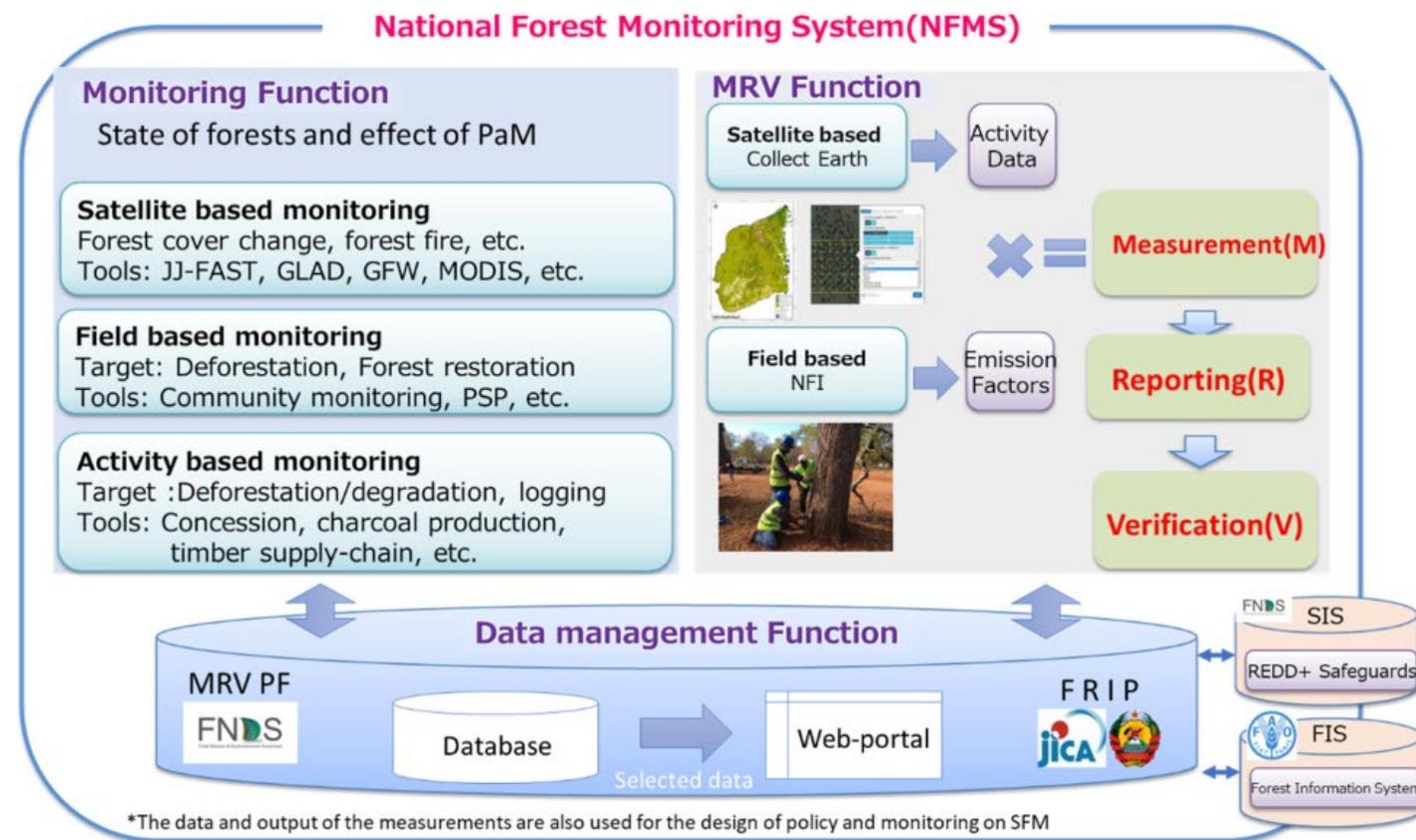


Mozambique's NFMS



THE REPUBLIC OF MOZAMBIQUE
NATIONAL FOREST MONITORING SYSTEM
(Version 1)

May 2021



Next steps

- Annual monitoring Forest Degradation
- Implement PMRV at national scale
- Complete the Permanent Sampling Plot Network
- Continue supporting UNFCCC reporting:
 - 2nd BUR (2023)
 - 2nd FREL (2024)
 - 1st BTR (2024)



Visit us: <http://www.fnds.gov.mz/mrv/>



MRV
UNIDADE DE MONITORIA, RELATÓRIO
E VERIFICAÇÃO DO REDD+

MRV

ACTIVIDADES

GALERIA

DOCUMENTOS

PLATAFORMA GEOESPACIAL

LINKS ÚTEIS

Unidade de MRV participa na Conferência Regional sobre Sustentável e Integrado da Floresta do Miombo

- Geoportal
- Estadísticas de Desmatamento
- Medição e Monitoria
- Registo de Programas e Projectos
- Participatory MRV (PMRV)
- Parcelas de Amostragem Permanentes (PAPs)
- Outros Programas e Projectos (FNDS)



Reuniões & Workshops



Trabalhos de Campo



Estudos



Capacitações



Trocas de Experiências

