



Joint Meeting of the GFOL Components

“Strengthening Forest Monitoring Together:
Lessons, Innovations, and Pathways Forward”

Mrs. Consuela Paloeng & Mrs. Valentien Moe Soe Let
Foundation for Forest Management and Production Control (SBB)
20 October 2025, Bali

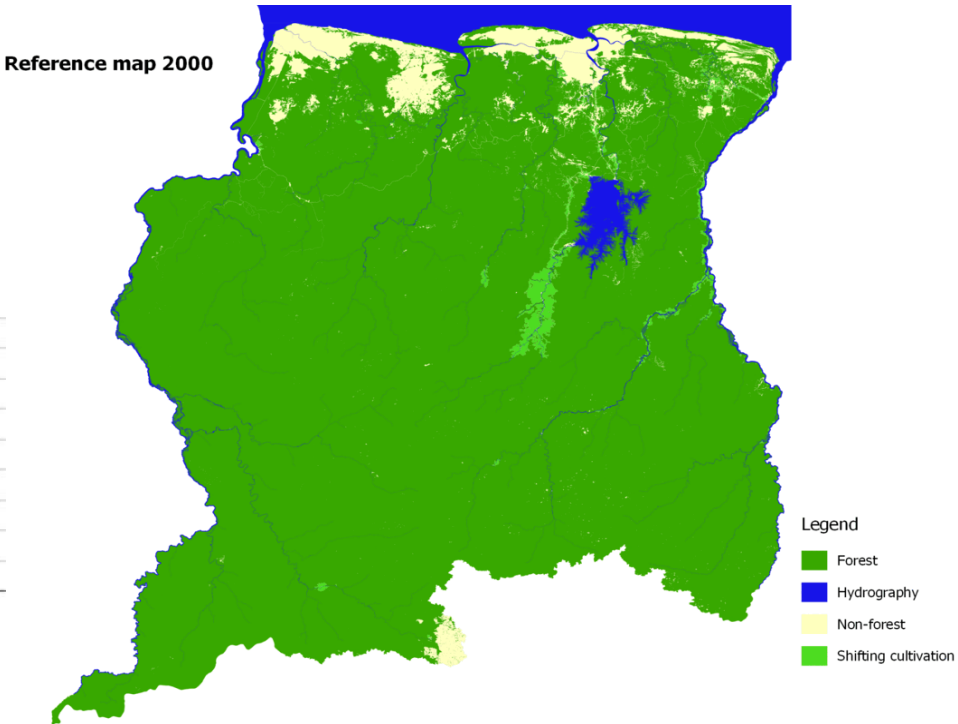
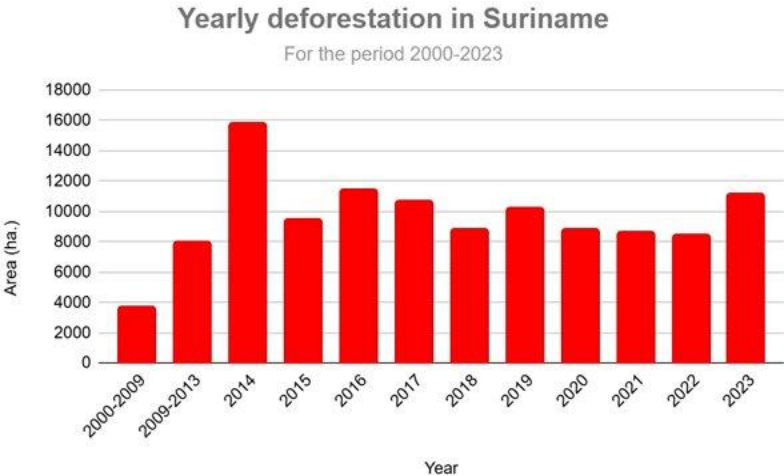
(1) Introduction

Capital	Paramaribo
Official language	Dutch
Population	623,000
Culture	Very diverse population
Land surface	16.4 million ha (164,000 km2)
Forest cover	93% (15.3 Million ha.)
Forest occurrences/capita	28 ha
GDP contribution of forestry	1.2%
Deforestation rate	0,06-0,07% (period 2015-2021)





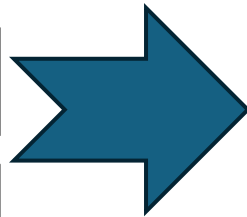
HFLD country
93% of Tropical Rainforest
with Rich Biodiversity
Deforestation rate 0.06– 0.07%



(2) National Forest Monitoring System- Progress



Forest Cover Monitoring Unit (FCMU)



Forest Cover Monitoring Unit (FCMU)

Operational in 2012; Launch in 2013



“Monitoring the Forest Cover in the Amazon Region”

Overall Goal: "To contribute to the strengthening of the National Forest Monitoring System (NFMS) by **generating information about changes in forest cover** for Suriname that is **reliable, up-to-date, accessible, understandable and transparent**, serving multiple purposes amongst others optimized policy, policy implementation (e.g. national land use planning, sustainable management of the forest, REDD+) and law enforcement in the field (e.g. gold mining, mangrove forest)."

National Forest Monitoring System (NFMS)

SFISS: Sustainable Forestry Information System Suriname

SLMS: Satellite Land Monitoring System

NRTM: Near Real Time Monitoring



NFI: National Forest Inventory

CBM: Community Based Monitoring

Reporting: (Inter)national reporting to ABS, FAO, UNFCCC

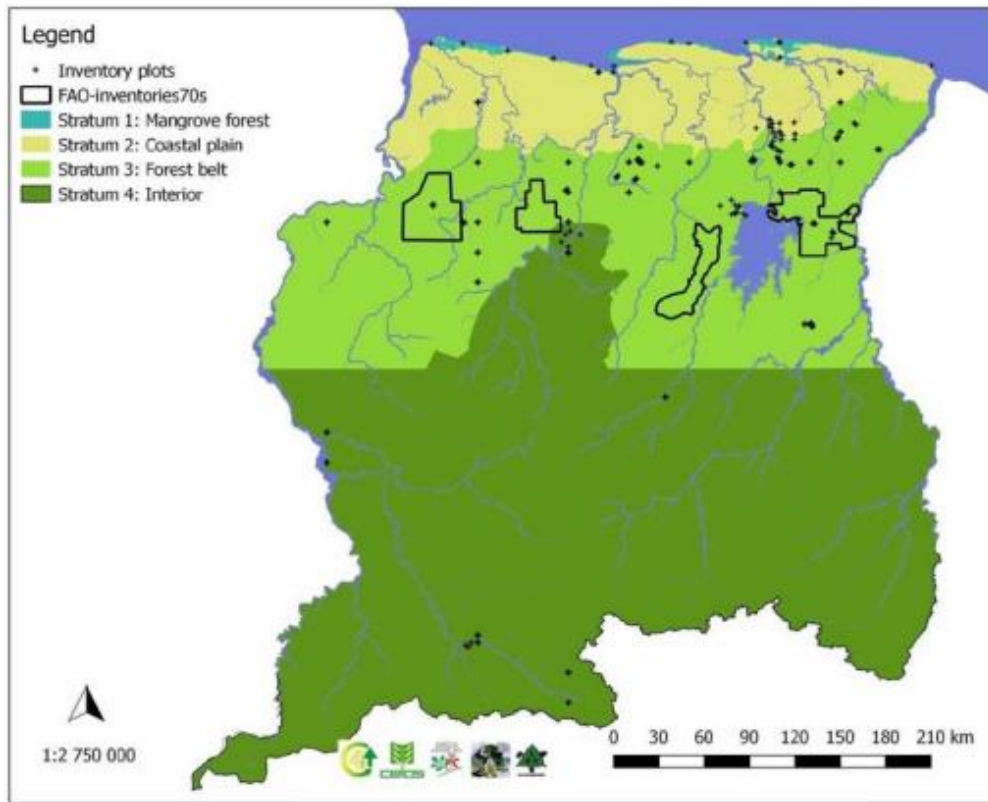
- Transparent and up-to-date data
- Instruments to support sustainable forest management and effective monitoring
- Input for the REDD+ financing mechanism & Article 6 mechanism



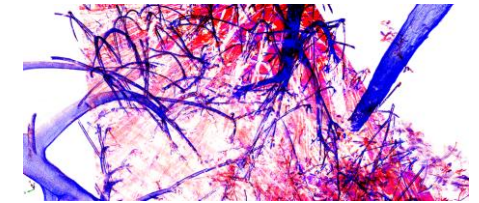
With support of EU /AFD project



National Forest Inventory (NFI)



Monitoring System Suriname

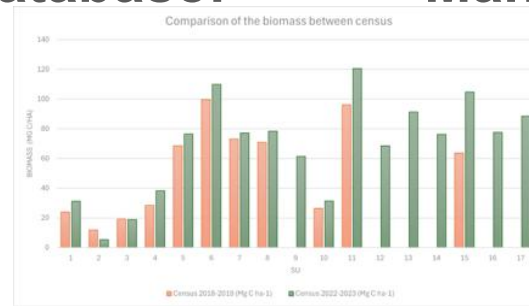


National Forest Inventory database:

- 212 inventory plots
- 17 Mangrove plots

Mangrove Forest Inventory:

11 existing sampling units measured in 2019 & remeasured in 2023
6 new sampling units measured in 2023
(Strengthening the Mangrove data)

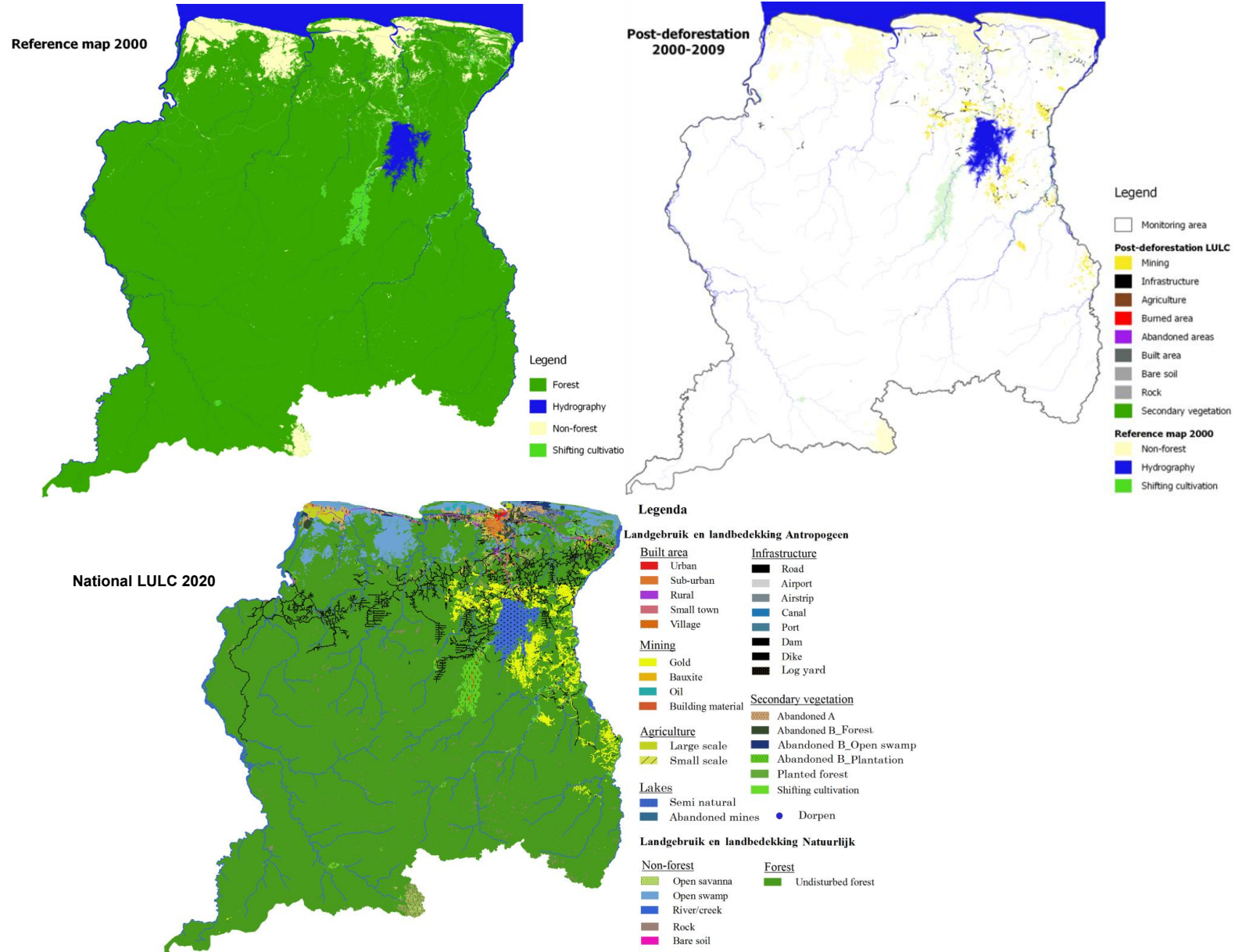




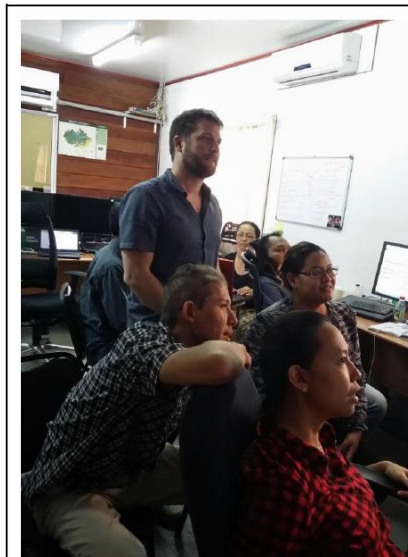
Satellite Land Monitoring System



Satellite Land Monitoring System (SLMS)



Quality assessment and Quality control (QaQc) training by FAO in 2017



Picture 1. The trainer and participants discussing the results together



Picture 2. The trainer explaining the QaQc method



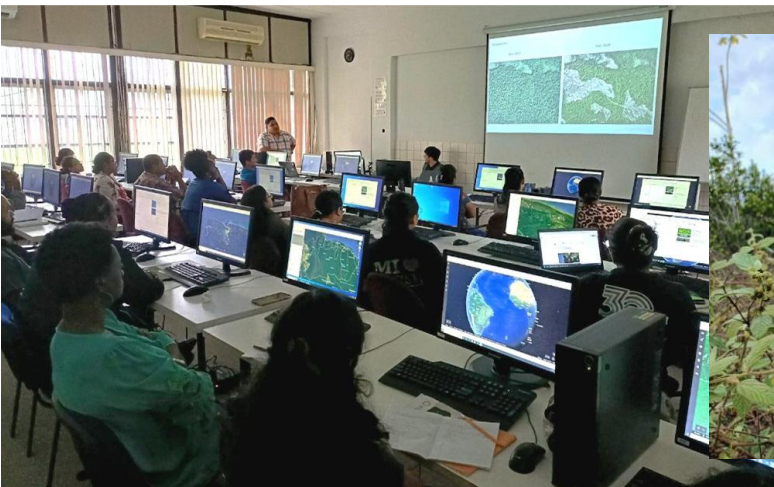
Picture 3. The participants working during the training

(3) GFOI Capacity Development Impact

Systematic Sampling Method
~ 26,193 sample points

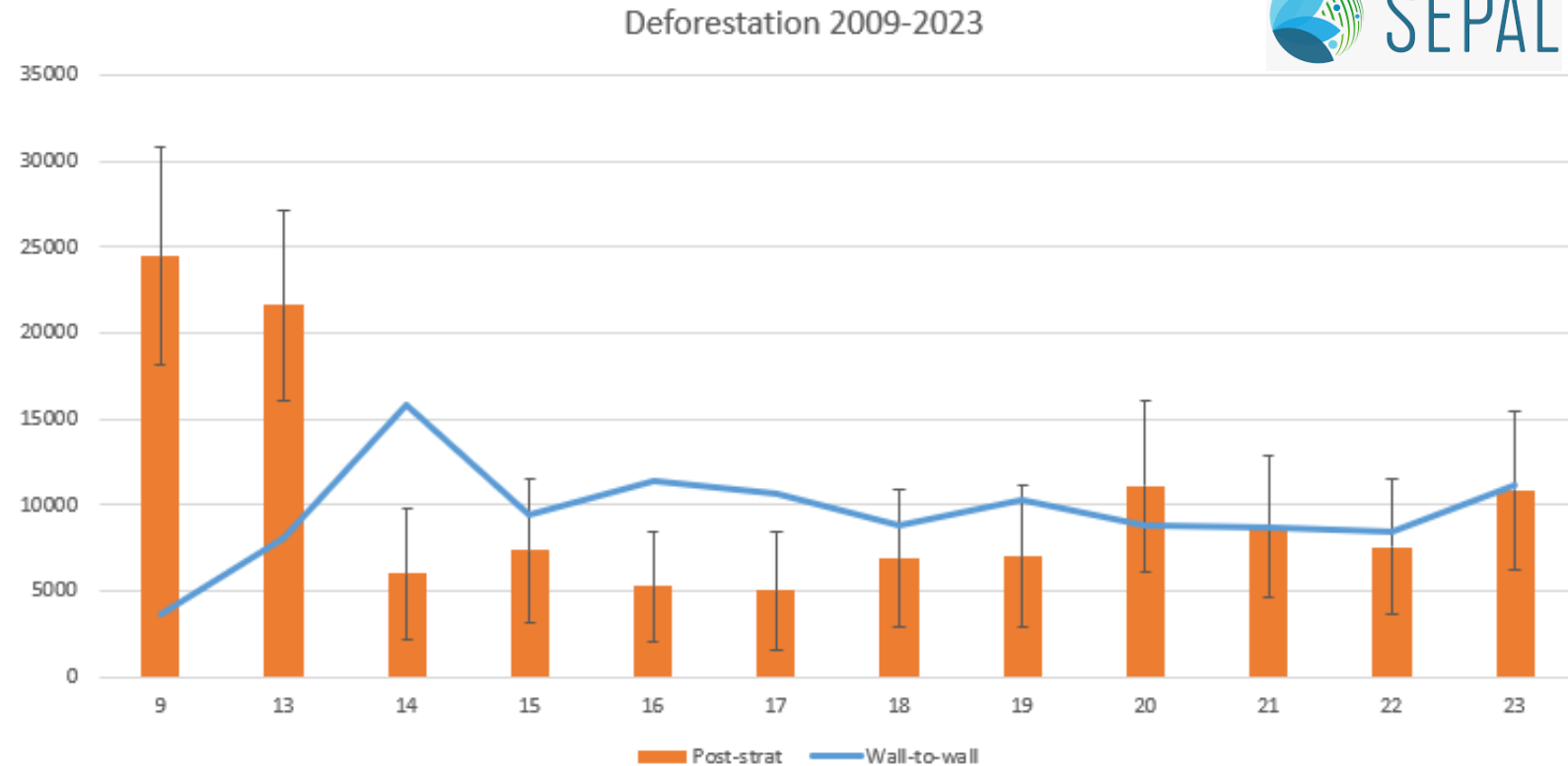
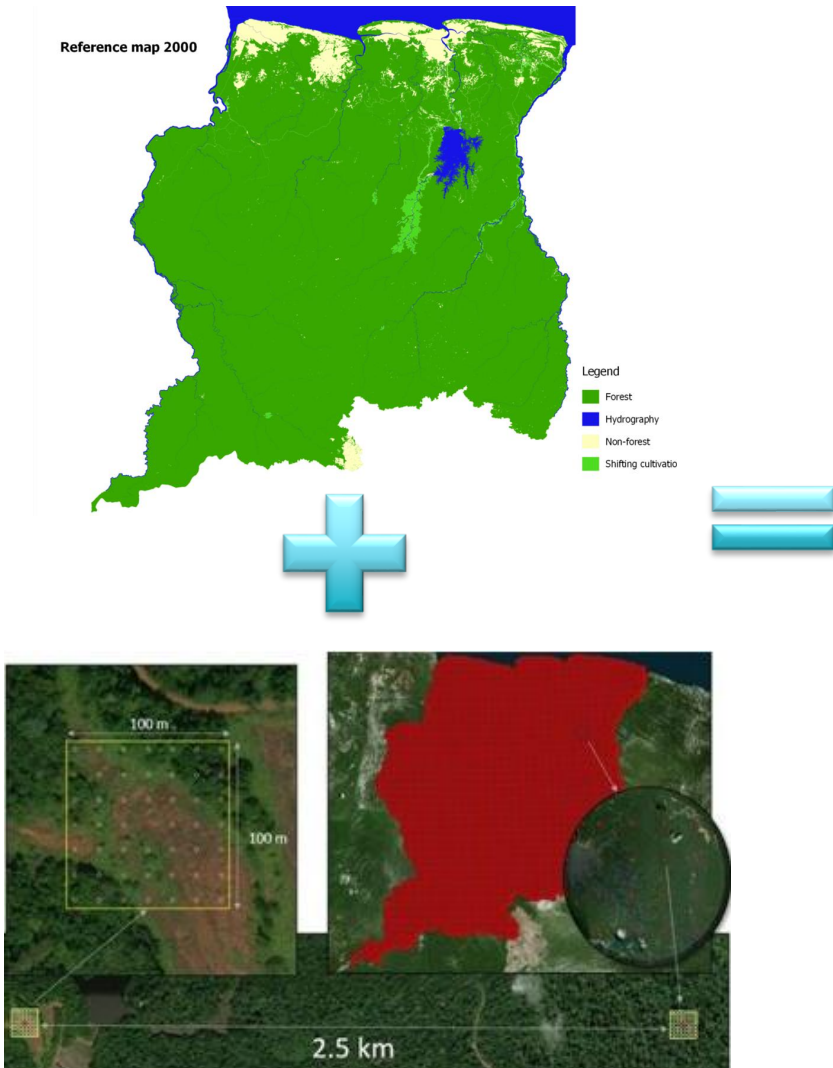


MRV capacity-building FOLU Sector using Sepal in 2025



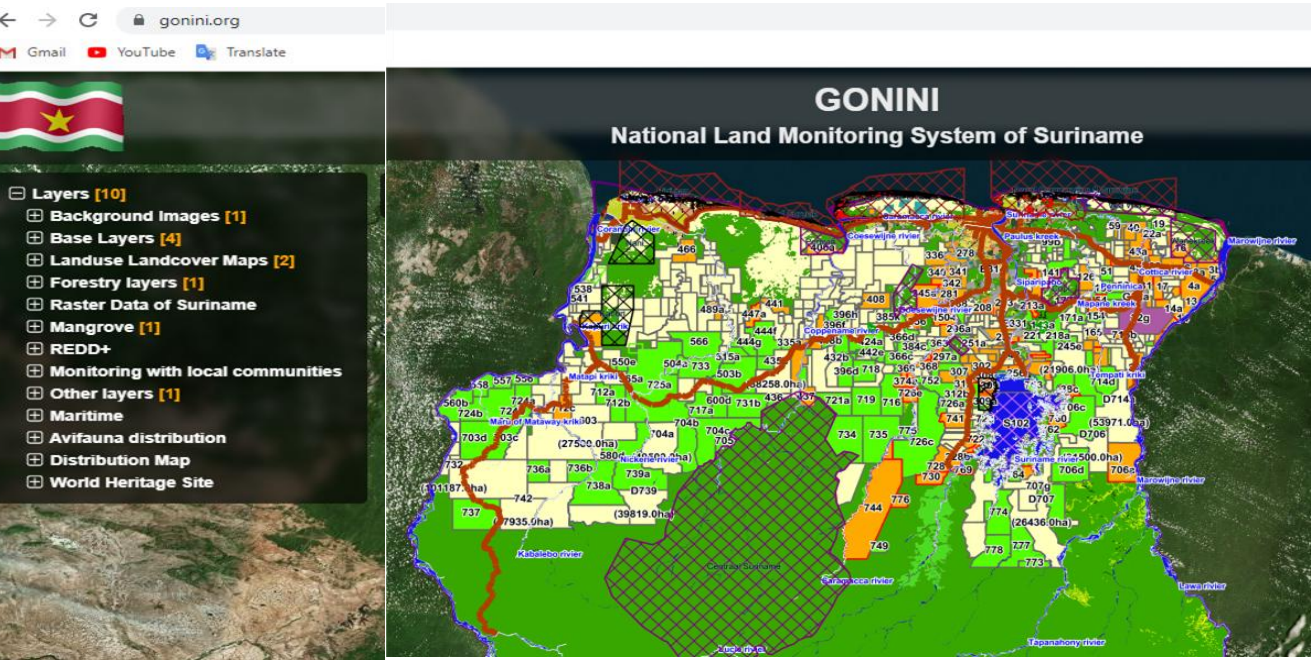
Recent Collaboration with FAO

Post-stratification methodology



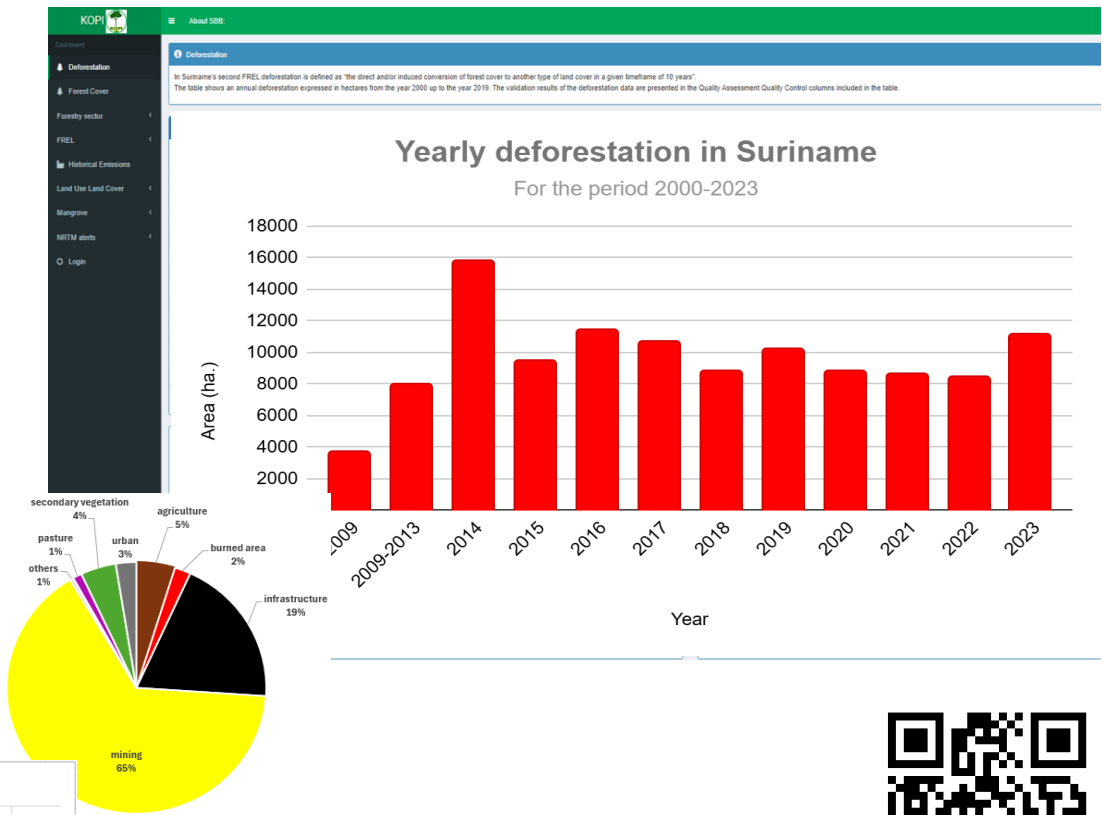
Data availability- Transparent- Up to Date - Accessible

Gonini Geoportal



'Scan to visit Gonini Geoportal

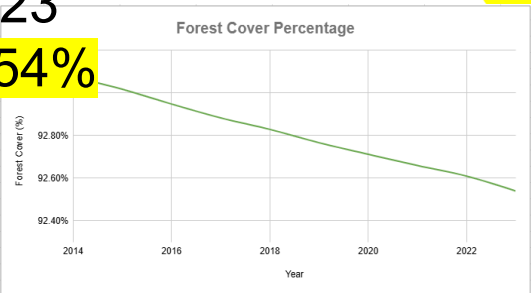
KOPI Statistical Portal



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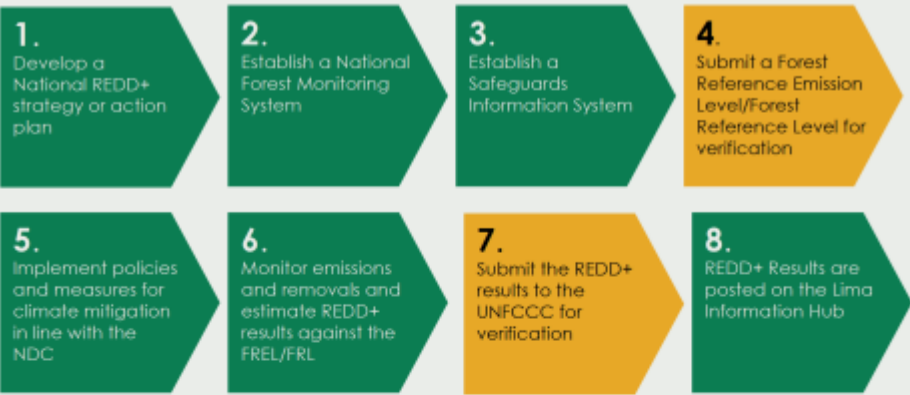
Forest cover
2023

92.54%

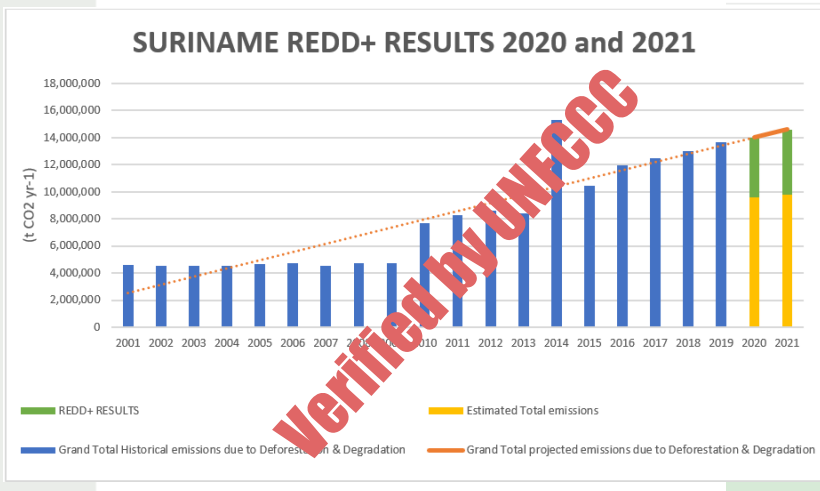
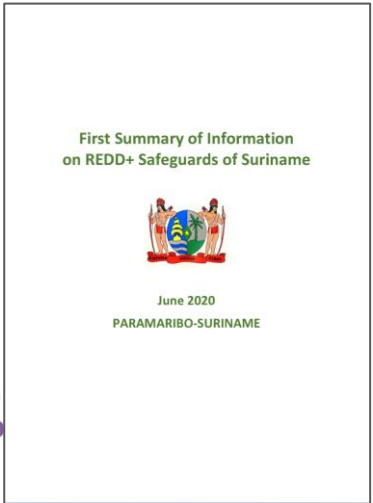
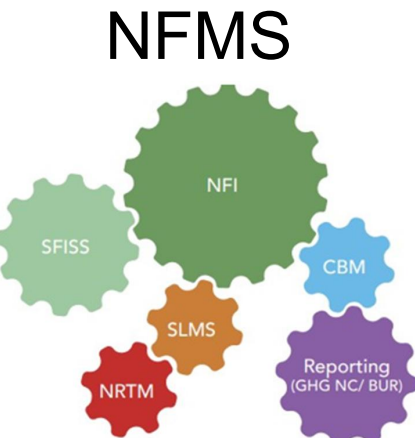


REDD+ Results/ Carbon credits/ ITMOs

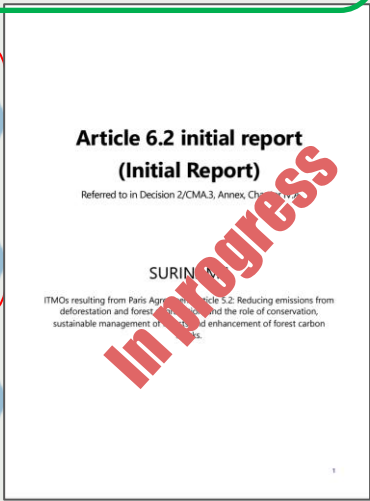
REDD+



Article 6. paragraph 2 requirements



REDD+ WEB PLATFORM						
HOME	FACT SHEETS	SUBMISSIONS	INFO HUB	FORUM	MEETINGS	CONTACT
Country	Date (Year)	Results (t CO ₂ eq/year)	Assessed forest reference level (t CO ₂ eq/year)	Quantities for which payments were received (t CO ₂ eq/year)	Entity paying for results	Links to documentation
Suriname	2016	1,819,273	14,627,465	-	-	FCCE/SBI/ICA/2023/TATR.1/SUR Biennial update report with submission of REDD+ results (BUR1)
	2017	1,526,545	15,591,284	-	-	FCCE/TAR/2018/SUR Submission on proposed reference level
	2018	2,903,107	16,555,103	-	-	Modified submission on proposed reference level
	2019	2,930,053	17,518,922	-	-	Safeguards Information Summary National REDD+ Strategy & Background Study
Suriname	2020	4,097,351	14,008,889	-	-	FCCE/SBI/ICA/2023/TATR.2/SUR Biennial update report with submission of REDD+ results (BUR2)
	2021	4,839,390	14,612,231	ITMOs	-	FCCE/TAR/2021/SUR Submission on proposed reference level Modified submission on proposed reference level



(4) Challenges & Emerging Needs

Challenges

- Institutionalization of the Forest Cover Monitoring Unit
- Continuing of the NFMS activities beyond 2026
- Little human resource and capacity constrain for full implementation of the NFMS activities
- Technical and financial constrains- **outflow of experts**

Needs

- Improved appreciation of personnel
- Technical and financial support in continuation of NFMS activities
- Continue support in capacity building nation wide- all levels (From policy makers to technical staff) as it comes to MRV Forestry and Other Land uses

(5) Future priorities & Recommendation

Priorities

- Robust Land Use Land Cover (LULC) monitoring methodology including uncertainty analyses
- Implementing a National Forest Inventory – improving carbon stock estimate and determine growth rate of primary forest
- Forest carbon mapping based on remote sensing

Recommendation

- Further support on publishing methodology challenges as it comes to LULC changes data especially related to small scale goldmining and Infrastructure
- Collaborate on regional project to align and improve methodology within the region
-



*Alone we go fast
Together we go far!*



THANK YOU

Ds. Martin Luther Kingweg pc. no 283

Tel:483131| Fax: 483051

E-mail:secretary@sbb.sr

Website: www.sbbsur.com

Facebook: Stichting voor Bosbeheer en Bostoezicht

Geoportaal: www.gonini.org