



# MADAGASCAR

## FOREST REFERENCE EMISSION LEVEL

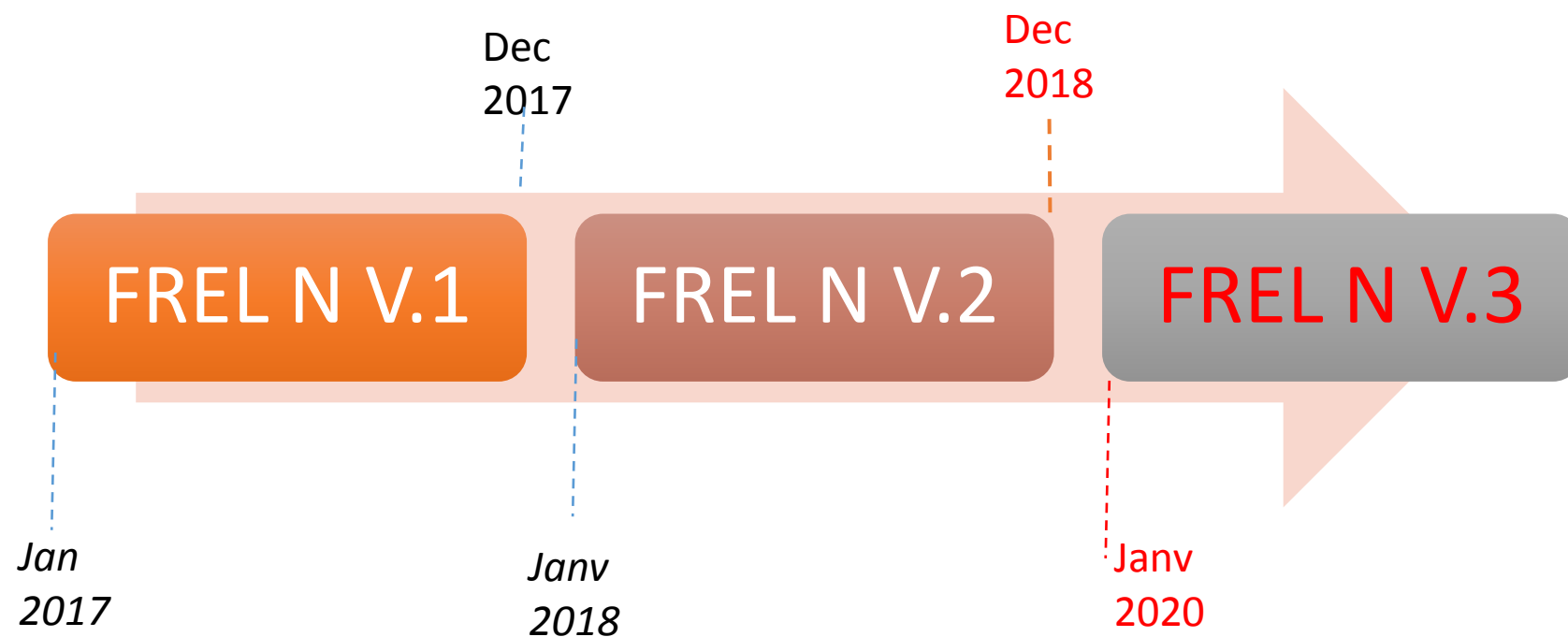
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**UN-REDD program, Nairobi 2018**

# FREL submission

Report published

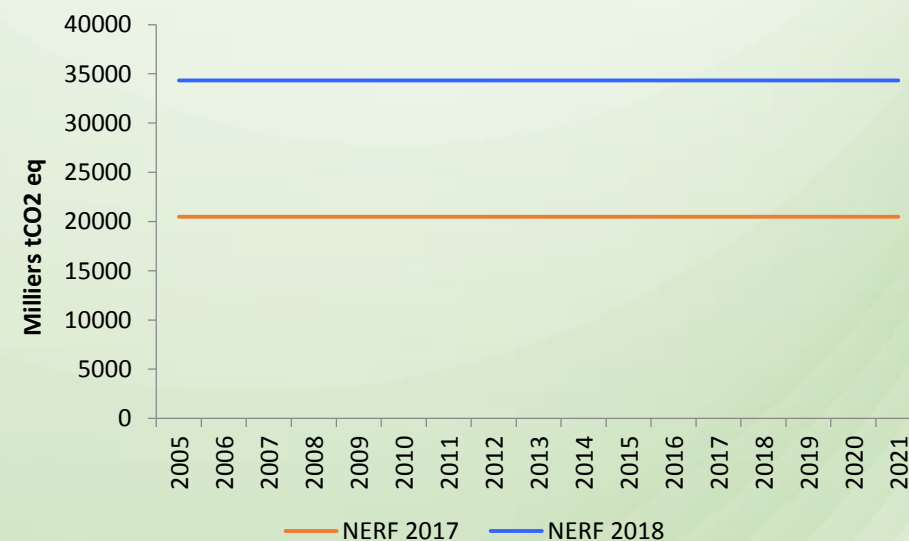
*Submission*





# FREL characteristics

	FREL V.1	FREL V.2
<b>Geographical area</b>	National	National
<b>REDD + activities</b>	Deforestation	
<b>Carbon pools</b>	AGB, BGB, DW	
<b>GHG considered</b>	CO2	CO2, CH4, N2O
<b>Reference period</b>	2005_2013	2005-2016
<b>Ajustement</b>	No	No





## FREL V.2 enhancement

- Emission factors updated: consideration of humid and dry forest inventories data
- Activity data estimation methodology updated
- Reference period: 2005-2013 → 2005-2016
- Soil carbon consideration
- Allometric equation: Chave >>> Vieilledent
- Consideration of CH<sub>4</sub> and N<sub>2</sub>O



# Technical assessment: Lessons learned

## Technical assessment

- FREL enhancement
- National capacity building

## Key elements

- Forest & deforestation definition incoherence
- Integration of SOC (soil organic carbon)
- Clarification of Deforestation & degradation definitions
- Recommendations: methodology, uncertainty

## FREL1/FREL2

- Complementarity of the 2 assessment
- Assessment based on IPCC directives
- Transparency informations



# Next step.....

## New forests definitions

National systematic  
grid

Data collection  
(Collect earth)

National Forest  
inventories



## Deforestation analysis update



## FREL update in January 2020