



#TimeForAction



Indonesia's NDC:  
Strengthening Actions to  
Meet Targets and  
Increase Ambition in the  
Forestry Sector

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Yayasan Madani Berkelanjutan

2nd december 2019 | 13:15 to 14:45 hrs. | Hall 3

## Transparency and ambition in NDCs: A view from AFOLU and Bioenergy

See the case for ambition in the land sector with case studies from Indonesia and Peru, the impact of changing the forestry baseline in Colombia, and where global biomass energy reporting has missing emissions.

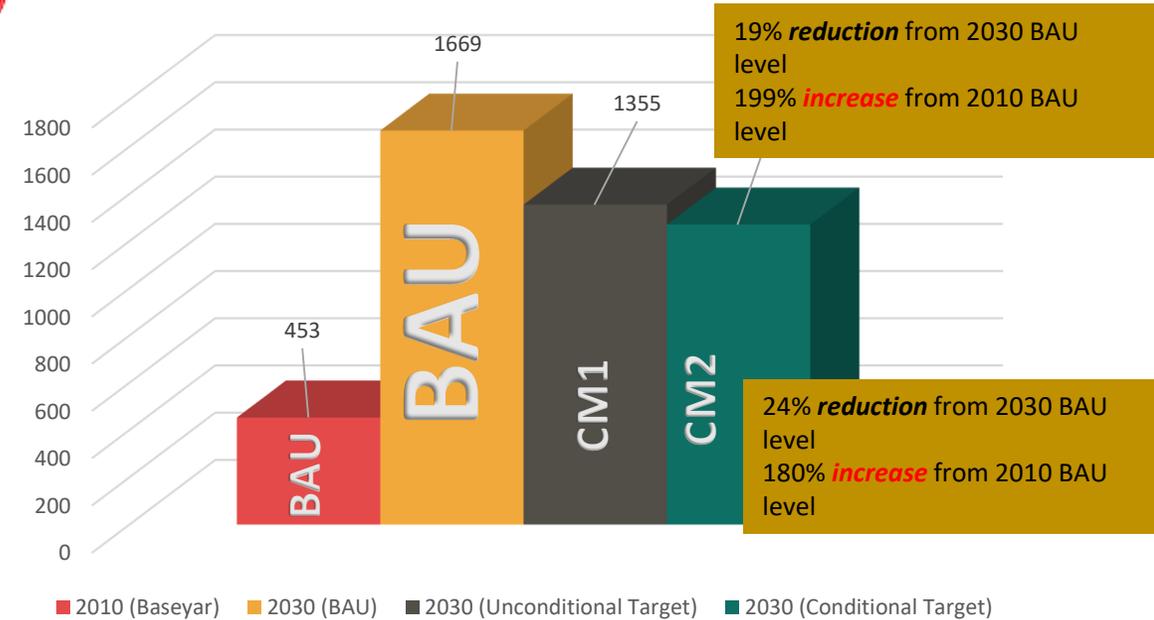
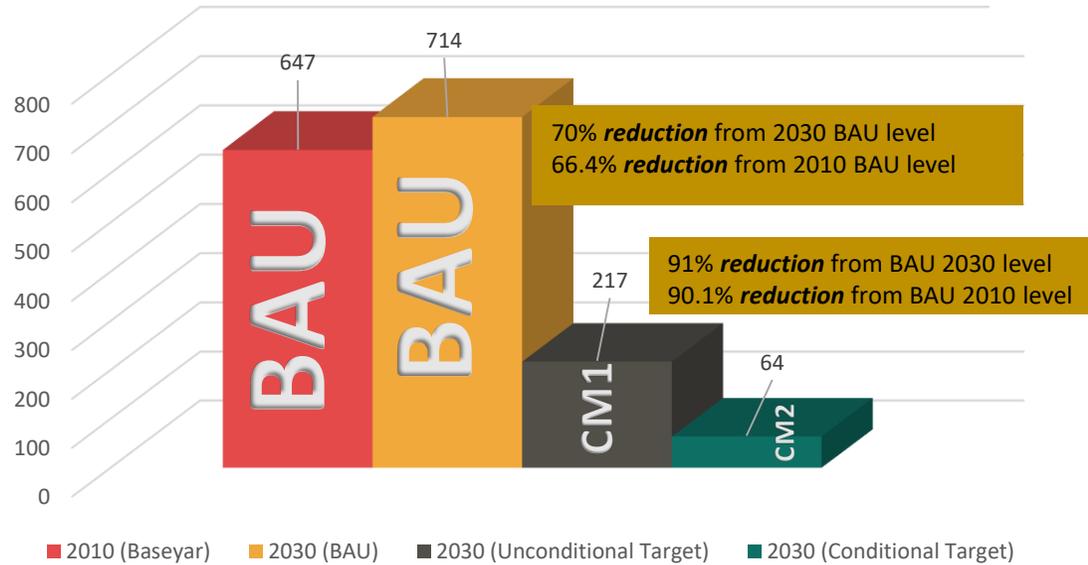
# Contents

- Indonesia's NDC target in the forestry sector and the appetite to increase ambition
- How NDC is planned to be implemented
- Strengthened measures to keep Indonesia on track

## Current Ambition in Forestry Sector (million ton CO2e)

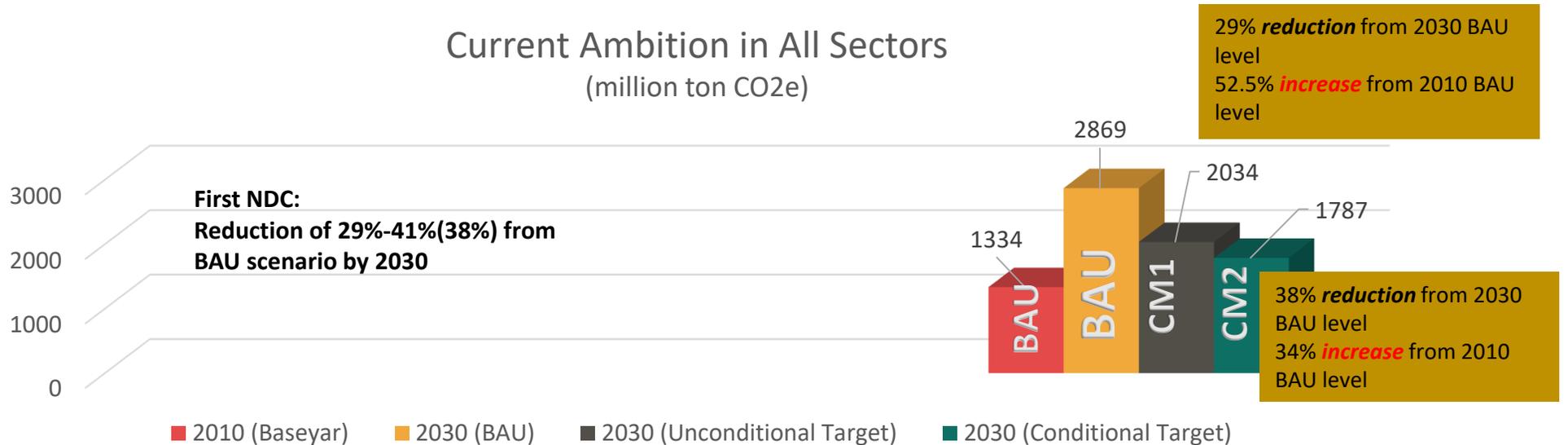


## Current Ambition in Energy Sector (million ton CO2e)



NDC targets in the forestry sector currently reflect the deepest ambition, reflecting reduction both from 2010 and 2030 BAU levels. Slim chance for increasing target before 2025.

## Current Ambition in All Sectors (million ton CO2e)



Note: Emissions from forestry and energy sectors constitute 82.5% of Indonesia's GHG emissions in 2010

## Deforestation Budget 2018-2030

2021-2030, can  
still deforest  
4.5x  
Singapore/year  
(325,000 ha)

CM1:  
3.963 million ha/  
1.3x Belgium

*Planned  
deforestation:  
natural forests  
in palm oil and  
timber  
plantations –  
conserve,  
REDD+,  
convert  
Use ecosystem  
services index*

CM2:  
0.845 million ha

DGCC, Unfolding NDC: NDC  
Roadmap for Mitigation (2019)



What does  
NDC mean for  
forests?

### 4 mitigation actions:

1. REDD+
2. SFM
3. Forest and land rehabilitation
4. Peatland restoration

Peatland restoration:  
CM1 = at least 1.39 million ha up to  
2030  
CM2 = at least 2.9 million ha up to  
2030

## Degradation Budget 2018-2030

CM1:  
5.725 million ha/  
1.9x Belgium

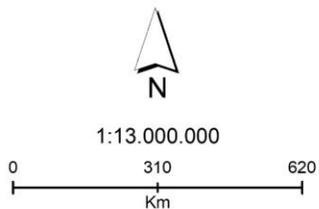
*Reduced  
impact  
logging  
Stop primary  
forest use  
inside  
concessions  
through  
incentives  
- REDD+?*

CM2:  
2.679 million ha

*Plus SFM and land  
rehabilitation*



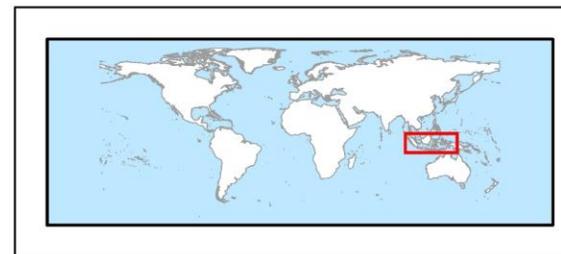
Peta  
Hutan Alam  
Indonesia



- Legenda
- Hutan Alam
  - Batas Pulau

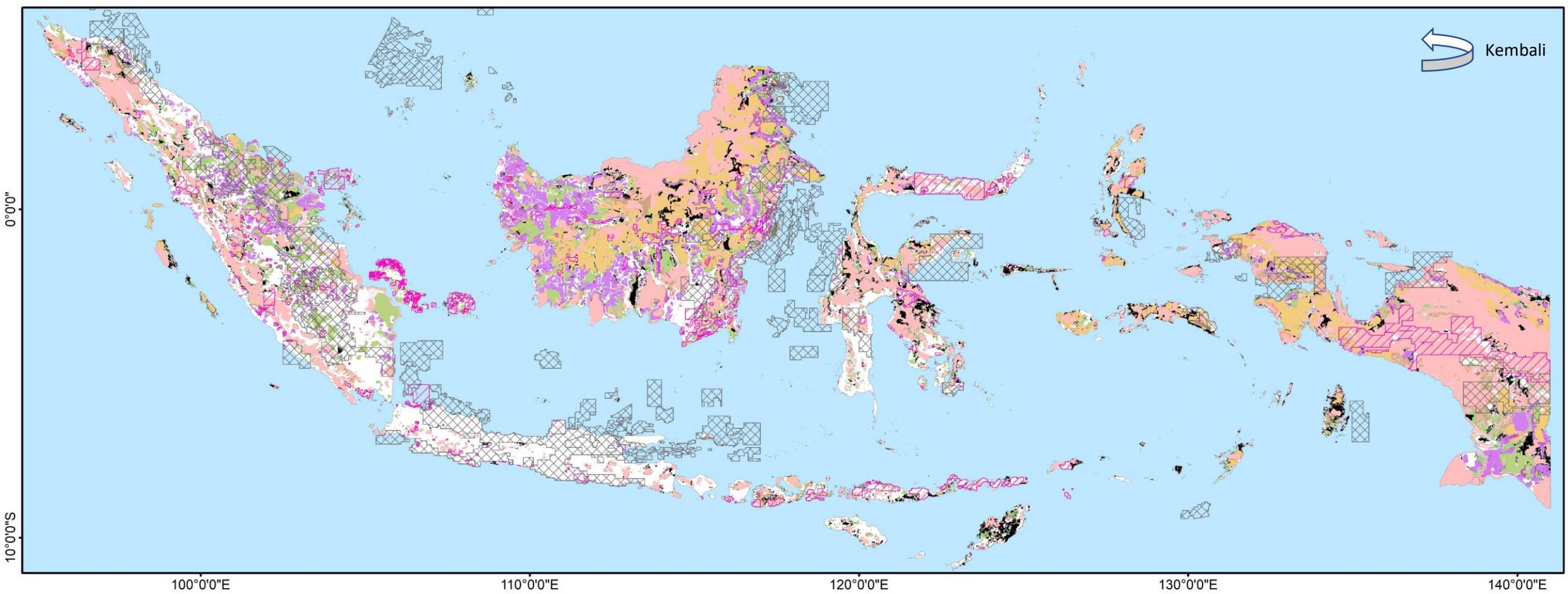
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Sumber data:  
 Batas Administrasi RBI BIG,  
 Tutupan Lahan ( Mapservice KLHK)  
 Area Koneksi (KLHK, RSPO, BPN, DEN)

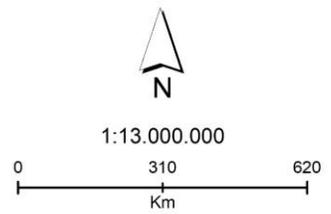


2019

**Natural forests in Indonesia (2018) = 88.756.559,24 ha**



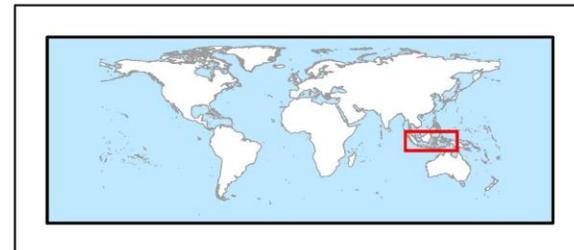
*Are there still unallocated natural forests?*



- Legenda**
-  Area MIGAS
  -  Area MINERBA
  -  Area Perkebunan Sawit
  -  Area PIPPIB
  -  Area PIAPS
  -  Area IUPHHK\_HT
  -  Area IUPHHK\_HA
  -  Hutam Alam Tanpa Terbebani Izin
  -  Batas Pulau

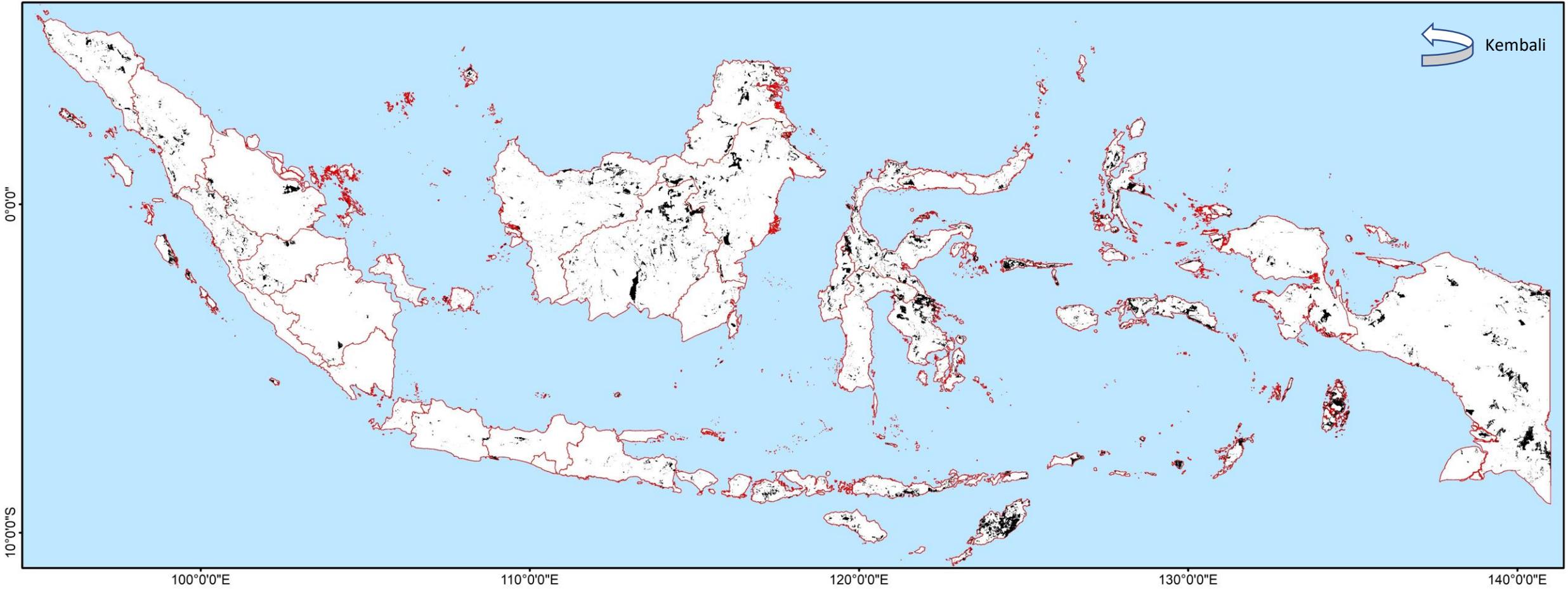
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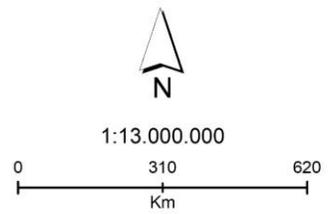


**Oil and Gas, Minerals and Coal, Palm Oil, Logging, Timber Plantation  
 Moratorium Area, Social Forestry Indicative Area**

 Kembali



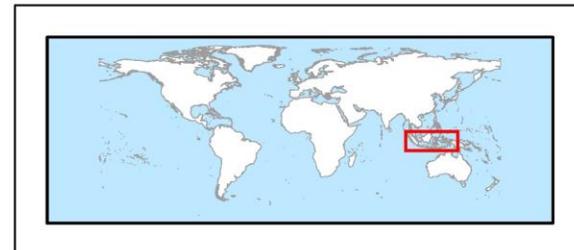
### Peta Hutan Alam Di Luar Konsesi Indonesia



- Legenda
-  Hutan Alam Tanpa Terbebani Izin
  -  Batas Provinsi

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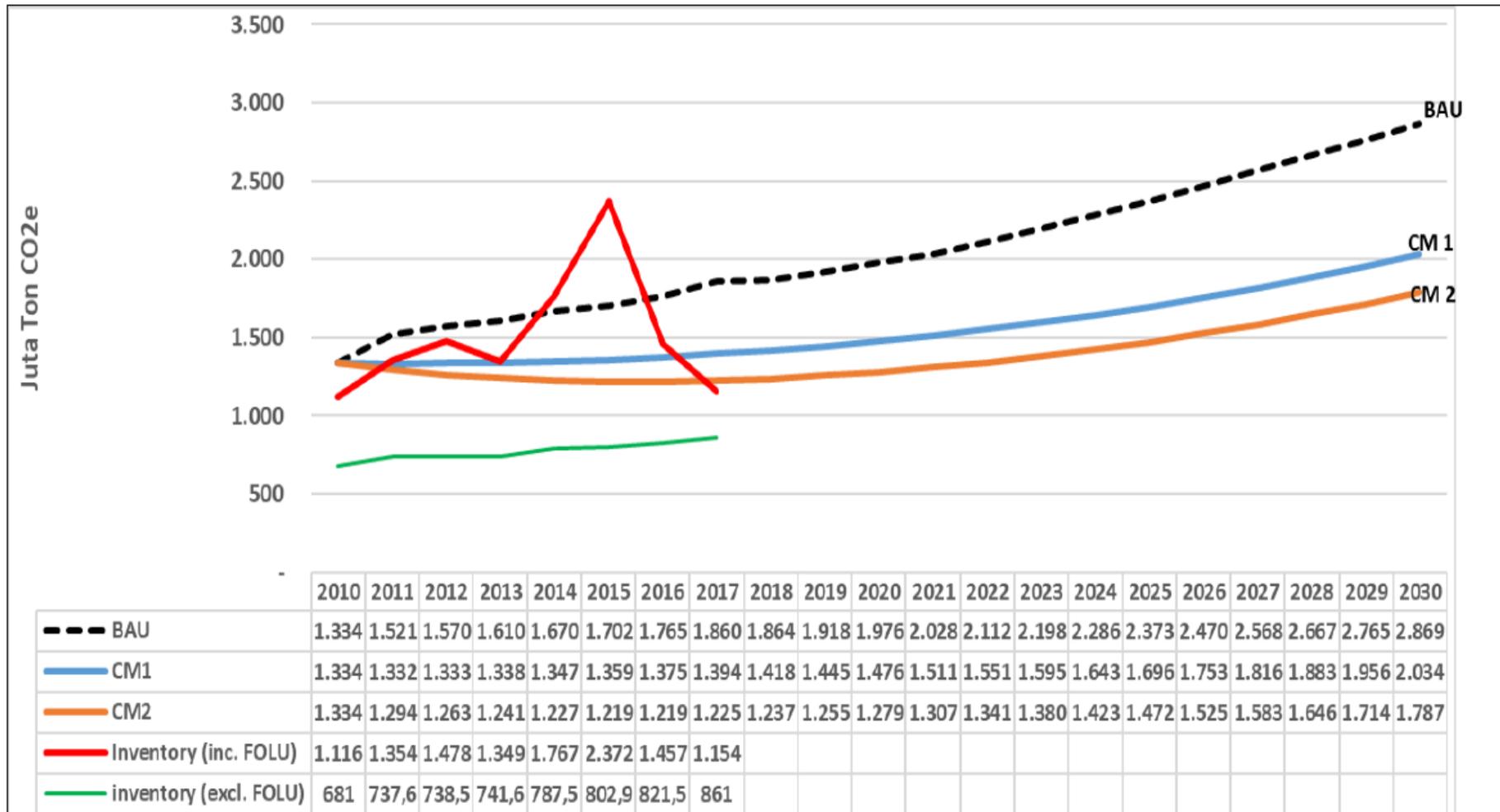
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Area Konsesi (KLHK, RSPO, BPN, DEN)



2019

Natural forests remaining outside moratorium and concession areas = **9.5 million** ha but scattered

# National emissions reduction 2010-2017 and the NDC targets



With the exception of 2010 and 2017, Indonesia has not been able to achieve the unconditional NDC target, let alone the conditional target. **Peat fires** made emissions go beyond 2030 BAU in 2014-2015

## To achieve existing targets, we need strengthened measures (and more support)

- NDC needs more support at home
  - Clarity of targets and baseline
  - Strong legal basis for implementation
  - More synchronized implementation between ministries and government-NPS
- Moratorium policy currently only protecting primary forests and peatland
  - Must include remaining natural forests currently still outside protection (appx. 1 million ha)
  - Must include threatened secondary forests not burdened by licenses (8.5 million ha)
  - Infrastructure development must not sacrifice primary forests and protected area
- Peatland restoration must be strengthened in implementation especially inside concessions and “open-access areas”
- Need to include peatland as “no go” area for investment
- Plus law enforcement against “repeat offenders” to stop fires and haze
- Forest degradation increase must be curbed– can undermine gains of reduction of deforestation
- Social forestry must be accelerated especially in high emission/deforestation risk areas
  - Prevent open access: illegal logging, fires, etc.
  - Empowered through adaptation and mitigation actions (climate village program, peatland restoration, land rehabilitation/reforestation)
  - Has the potential to contribute to 34.6% of NDC target (CM1) in deforestation
- Natural forests under concessions (planned deforestation) must be saved
  - 6.6 million ha in palm oil and timber plantation concessions
  - Palm oil moratorium has the potential to save 1.4 million ha inside ex-forest area release (limited time only until 2021)
- Link with other sectors
  - Biofuel policy – forest and peatland should be “no go” zone
  - Structural transformation – moving away from extractive industries

Tenurial clarity and security is a must to reduce emissions: rights is a precondition, not just “safeguards”  
Transparency and participation are friends, not enemies, to win more support for NDC achievement

**Thank You**

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