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Current contribution of forest management to climate- change mitigation and REDD+

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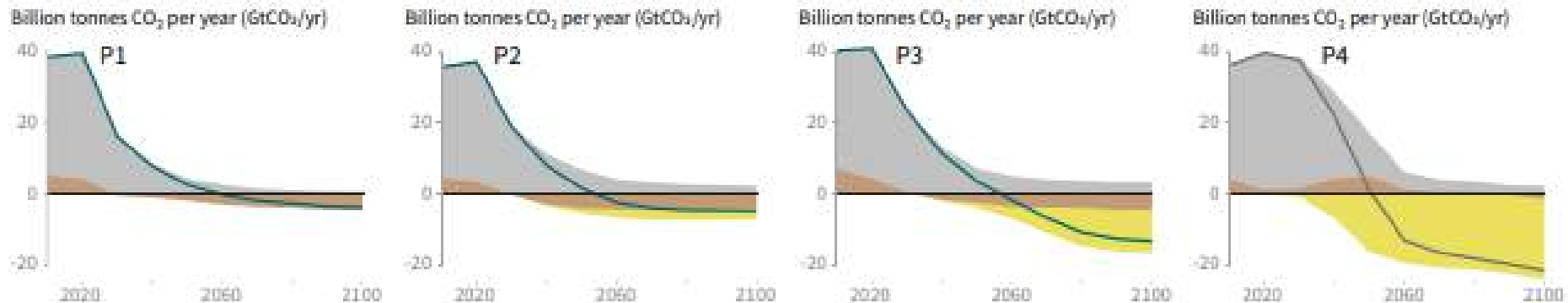




IPCC Special Report: Global Warming of 1.5 °C

Breakdown of contributions to global net CO₂ emissions in four illustrative model pathways

● Fossil fuel and industry ● AFOLU ● BECCS



➤ Forests play a crucial role in meeting the Paris Agreement



10.8
bln
tCO₂

6.0
bln
tCO₂

4.7
bln
tCO₂



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OPENFORIS



NICFI

Ministry of Natural Resources and Forest Initiative



The largest contribution comes however from standing forest



...which remove ~ 30% of all global emissions from the atmosphere annually



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**REDD+ is the main vehicle to provide
incentives for mitigation efforts in forestry**





FREL/FRL submissions to the UNFCCC

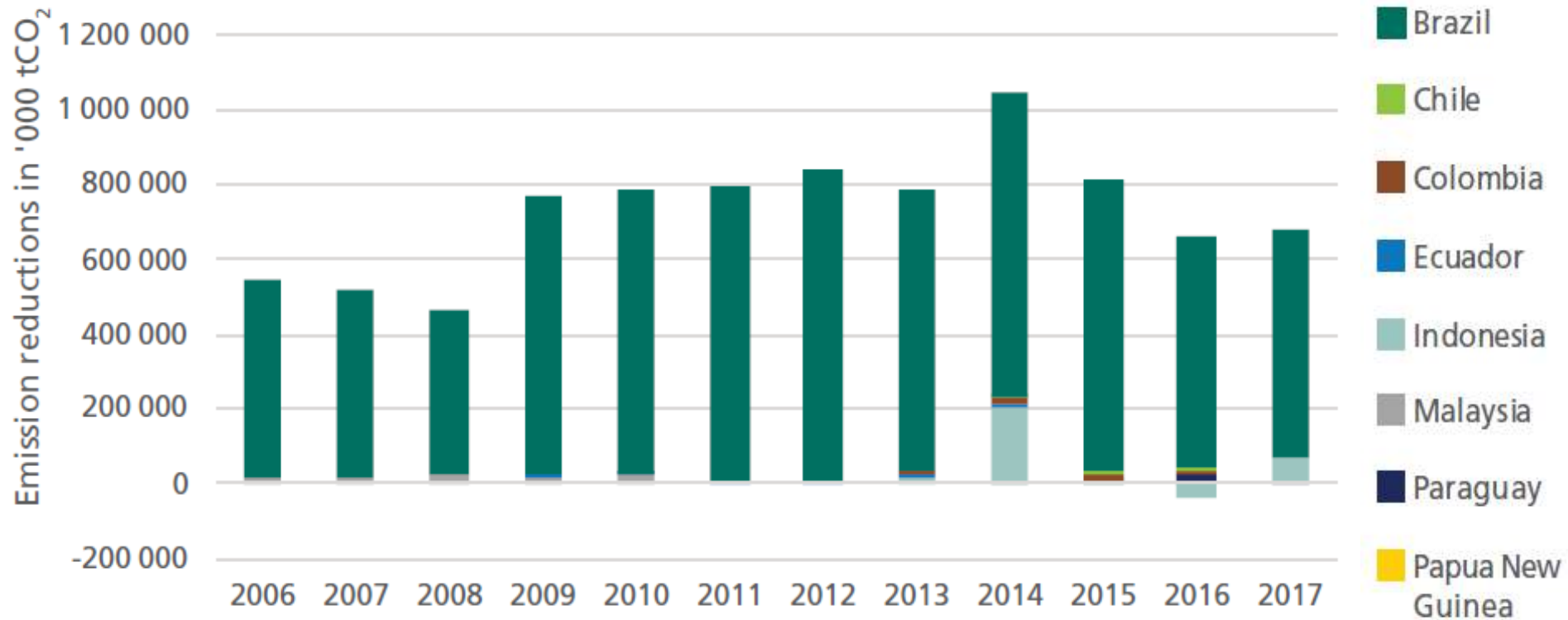
**Warsaw
Framework**

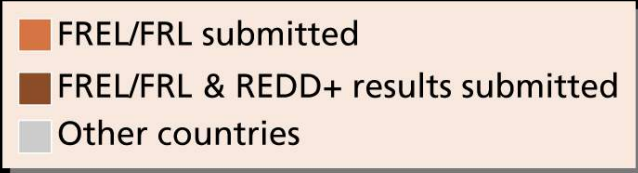
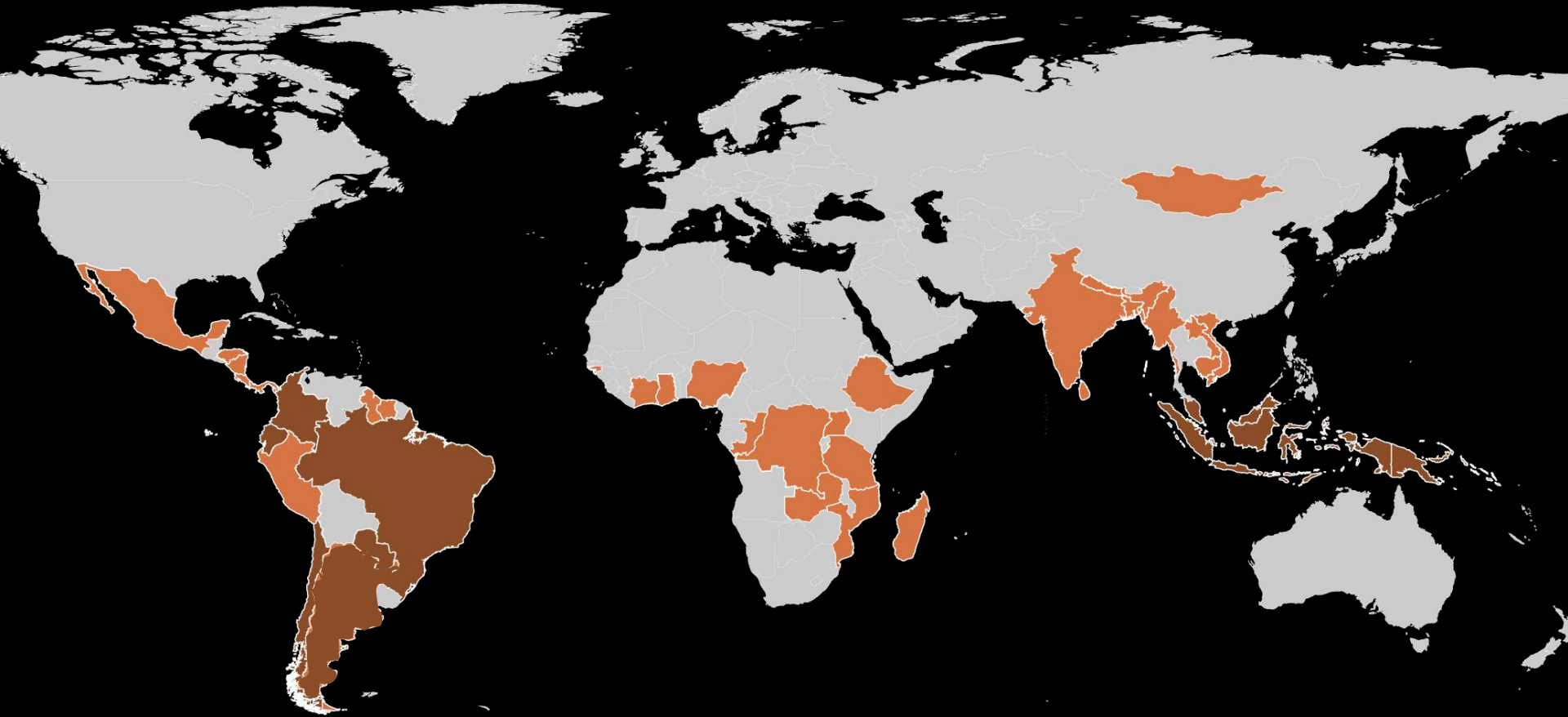


UNFCCC REDD+ results:
8.8 billion t CO₂

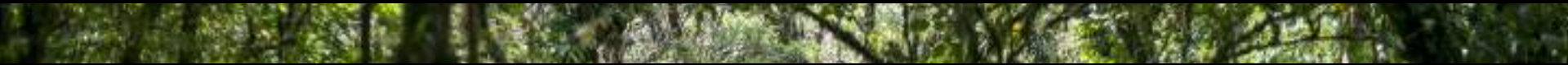



REDD+ results reported





Challenges with forestry as mitigation solution:

- 
- Ensure additionality at larger scale
 - Risk of reversals
 - No incentives for status quo (e.g. conservation)
 - Main driver of deforestation: agriculture
 - Forest economics and opportunity costs
 - Governance and tenure
 - Large uncertainties in AFOLU
 - Lack of reliable data
- 

What does FAO do?



SEPAL

SYSTEM FOR EARTH OBSERVATION
DATA ACCESS, PROCESSING &
ANALYSIS FOR LAND MONITORING

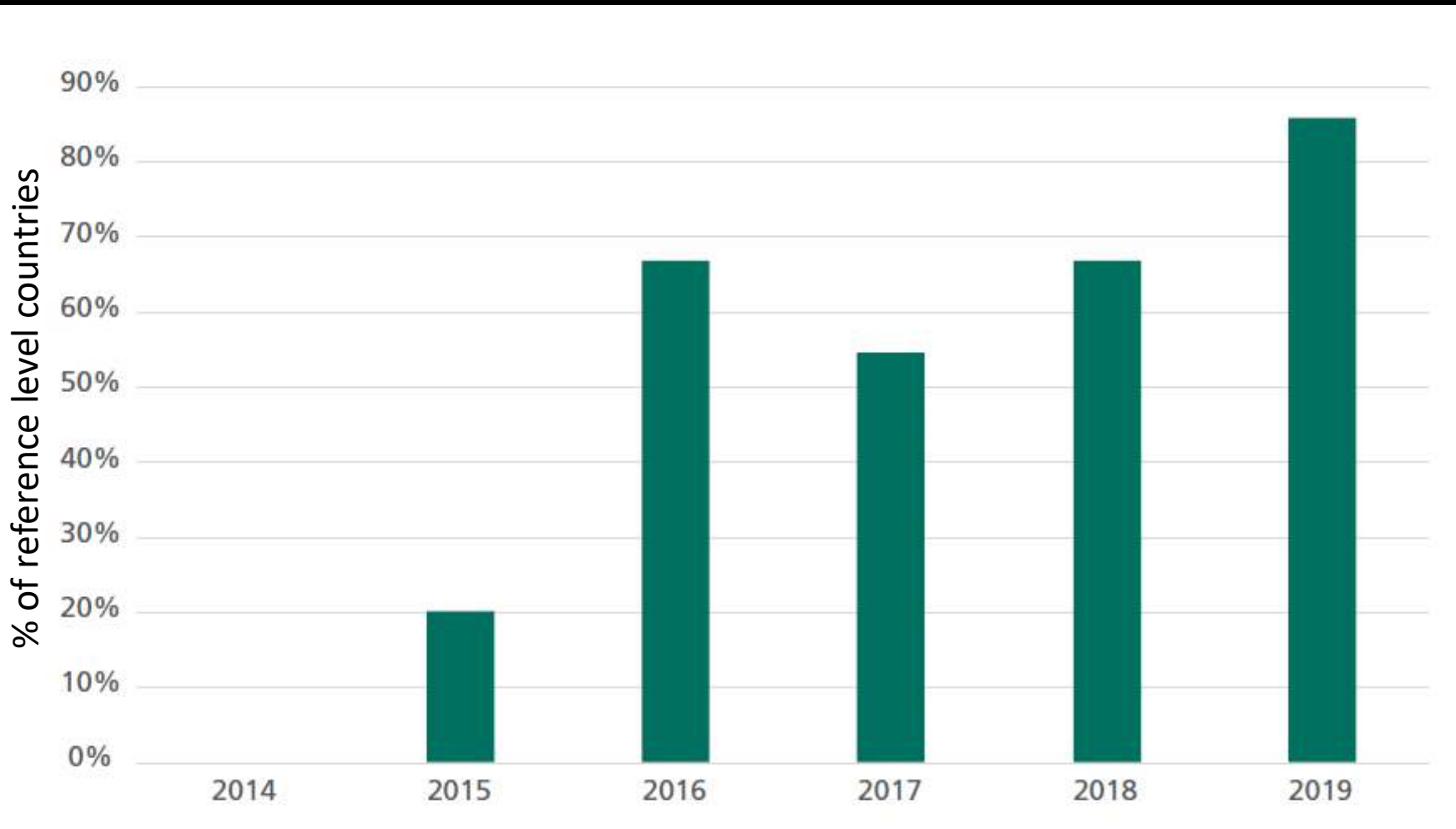


See Change.
Change the World.





Uncertainty reporting around activity data reference levels





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Thank you

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