

FAO support to Forest Reference Emission Levels for REDD+, Experiences and Lessons Learnt

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REDD+ success story



- UNFCCC REDD+ modalities completed and ***enshrined*** in Article 5 of the Paris Agreement
- ***Significant*** mitigation potential – which is now becoming a reality
- ***Significant*** political and financial backing with over 70 forest countries actively engaged for REDD+
- Technological and institutional barriers to REDD+ have centered on countries being able to measure, report and verify REDD+ actions – but – ***there is progress!***



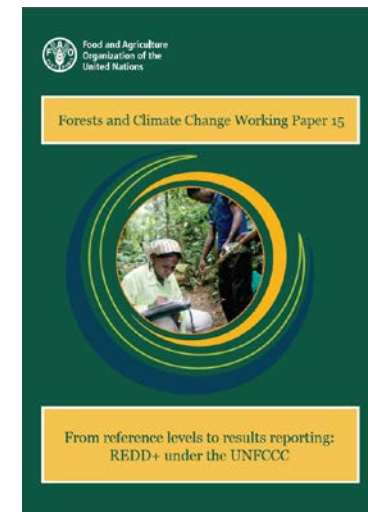
Key next step:

Maintain momentum, overcome barriers, scale up REDD+ action.

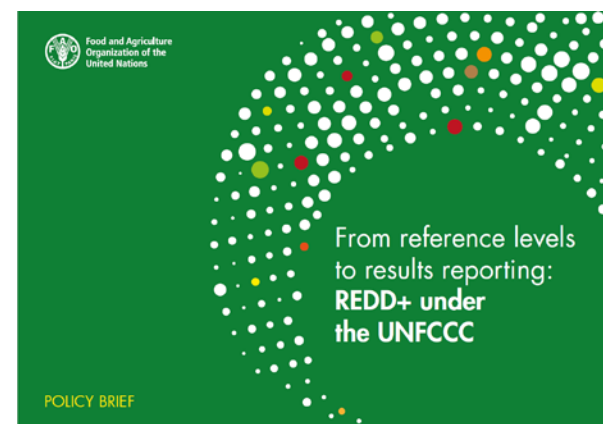
FAO publication on FREL



- Report on the significant country progress on measurement, reporting and verification (MRV) of REDD+ actions
- Stock-take of **26** Forest Reference (Emission) Levels (FRELs), and **5** REDD+ results submitted to the UNFCCC
- Summary of experiences in the technical assessment process under the UNFCCC
- Identification of lessons learnt and key next steps



<http://www.fao.org/3/a-i7163e.pdf>

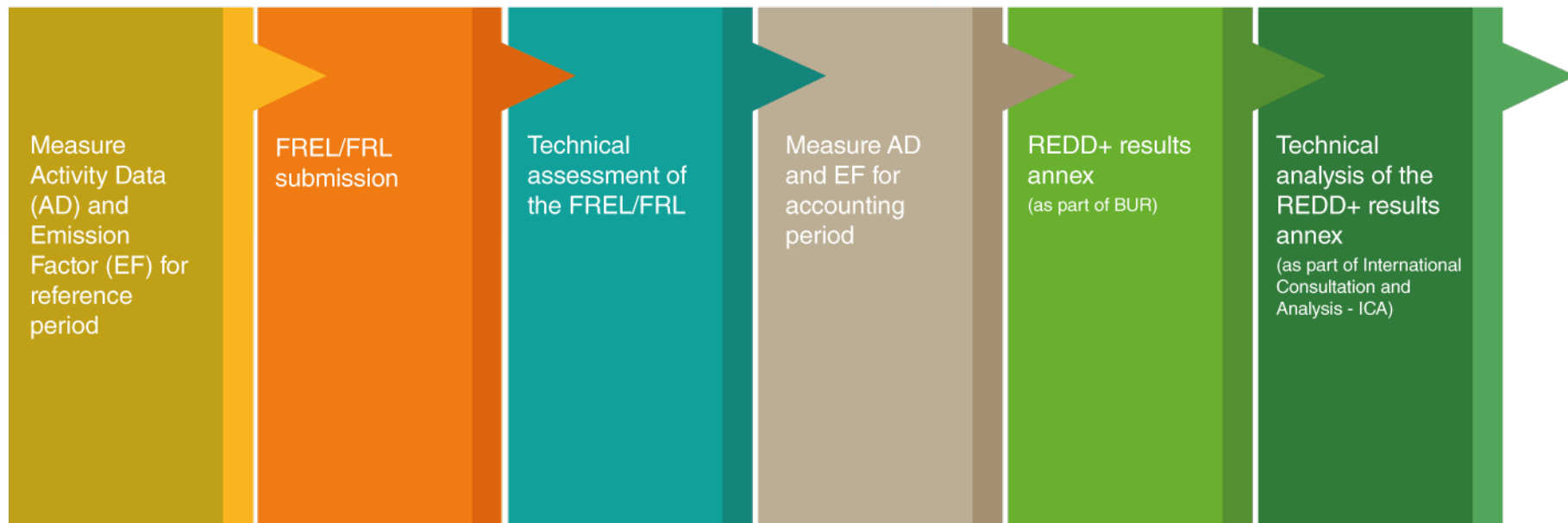


<http://www.fao.org/3/a-i7352e.pdf>

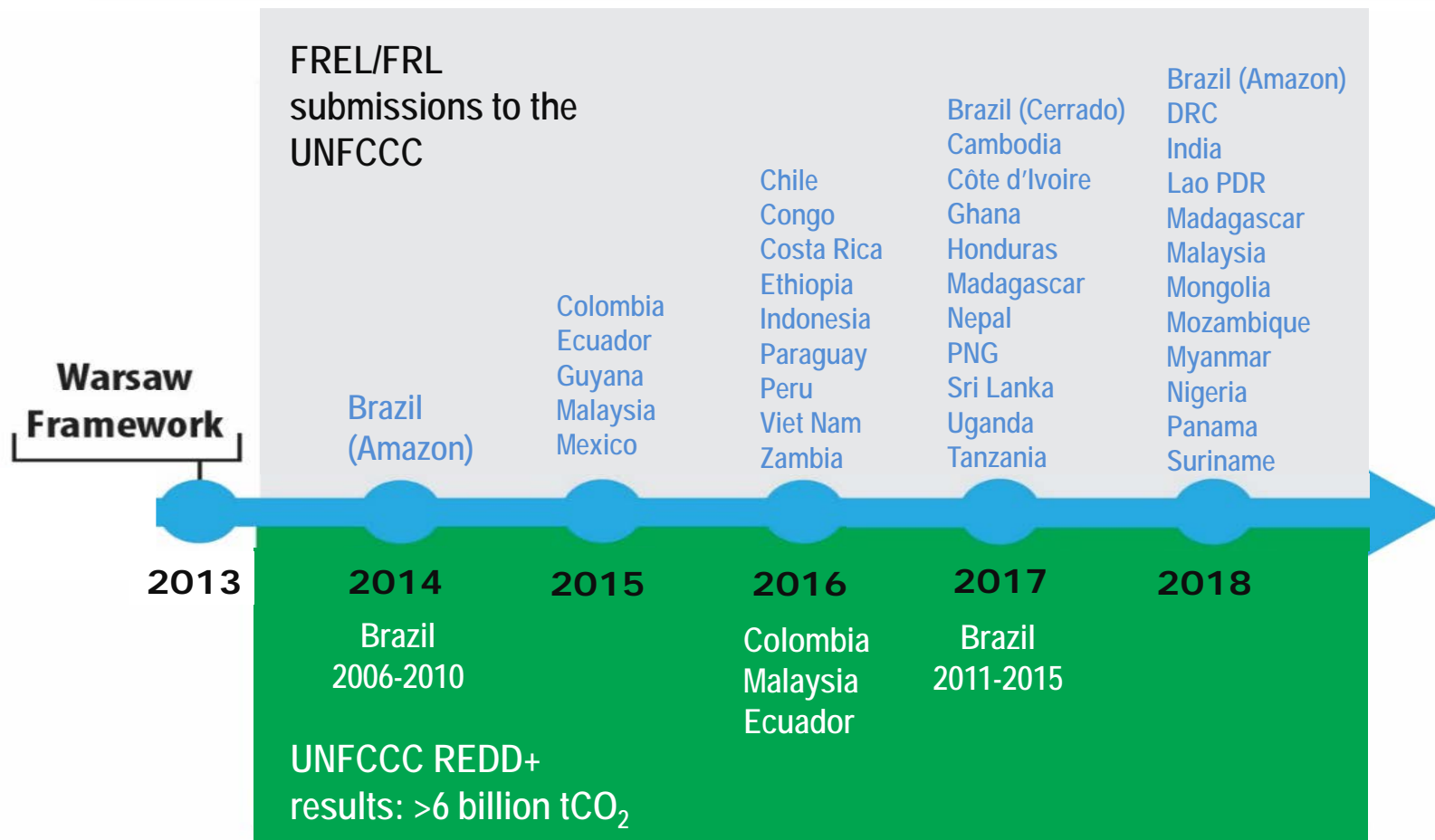
Global progress on REDD+ MRV



Warsaw framework is the starting point for FREL/FRL submissions to the UNFCCC



MRV of REDD+ under the UNFCCC



As of February 2018 – 38 FREL/FRL submissions to the UNFCCC, and 5 REDD+ results

Stock take of FREL submissions - scale

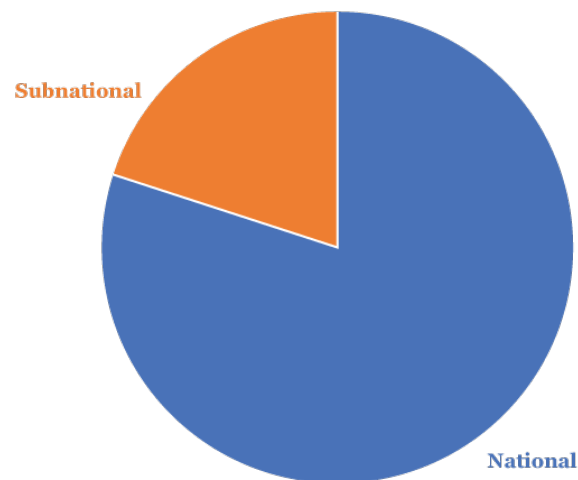


National

- Cambodia
- Congo
- Costa Rica
- Côte d'Ivoire
- Ecuador
- Ethiopia
- Ghana
- Guyana
- Honduras
- Indonesia
- Madagascar
- Malaysia
- Mexico
- Nepal
- Paraguay
- PNG
- Sri Lanka
- Tanzania
- Uganda
- Viet Nam
- Zambia

Subnational

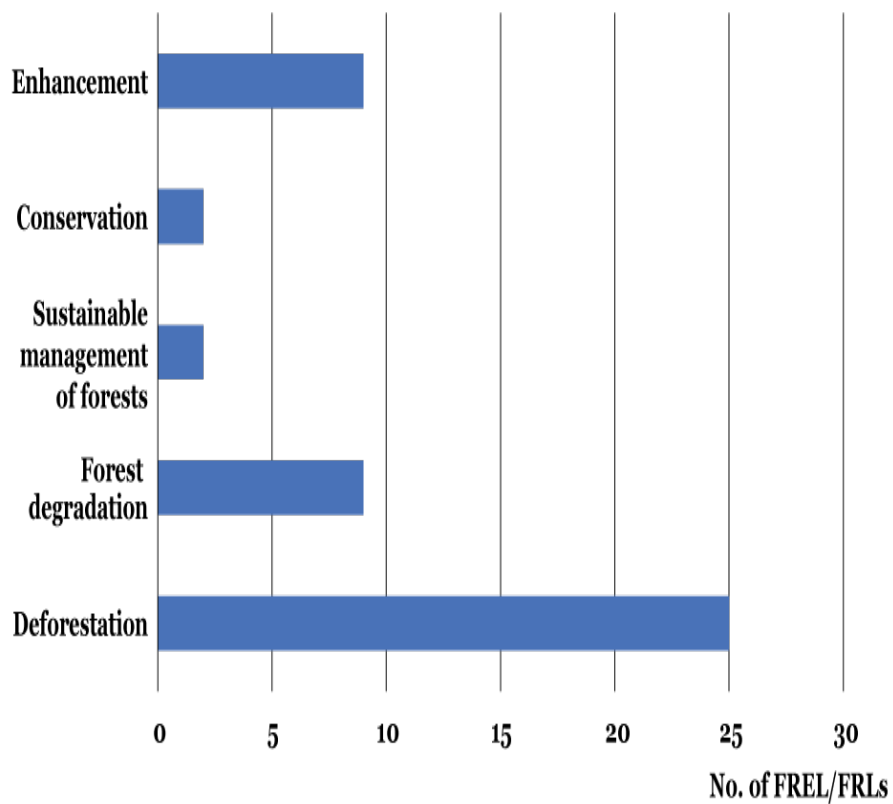
- Brazil (2x)
- Chile
- Colombia
- Peru



FREL scope

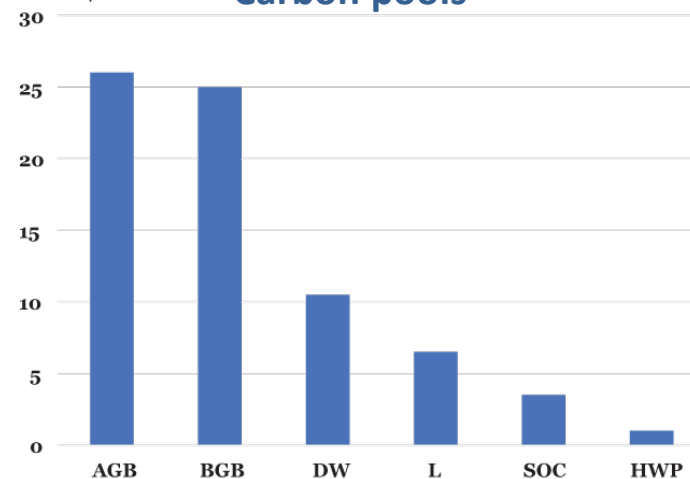


REDD+ Activities



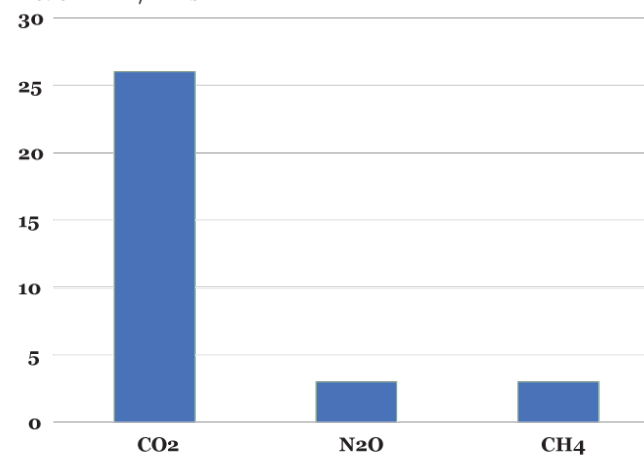
No. of FREL/FRLs

Carbon pools



Gases

No. of FREL/FRLs

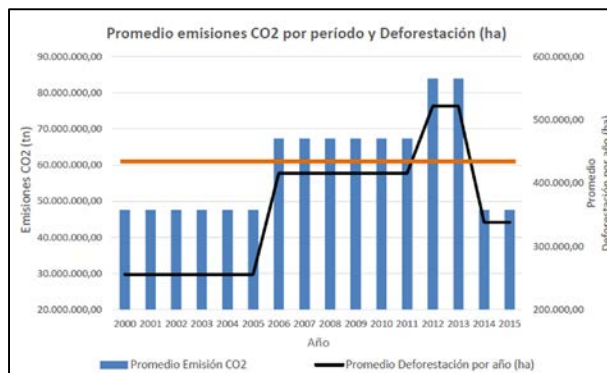


FREL construction approaches



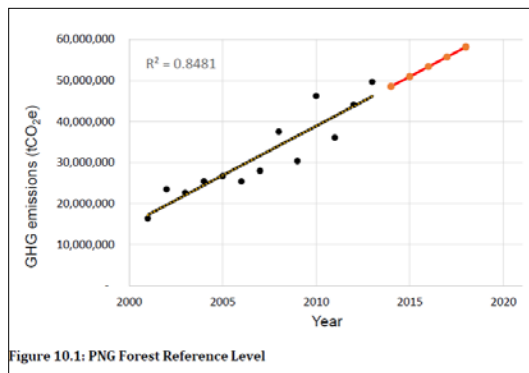
Simple historical average

- Brazil (2x)
- Cambodia
- Chile
- Costa Rica
- Côte d'Ivoire
- Ecuador
- Ethiopia
- Honduras
- Indonesia
- Madagascar
- Malaysia
- Mexico
- Nepal
- Paraguay
- Sri Lanka
- Tanzania
- Uganda
- Zambia



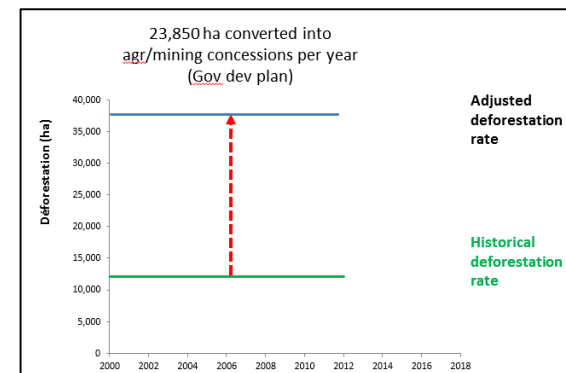
Linear projection

- Ghana
- Peru
- PNG



Adjustment

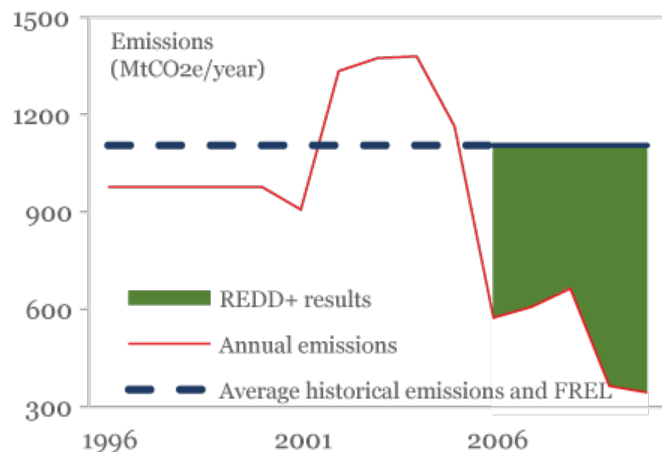
- Colombia
- Congo
- Guyana
- Viet Nam



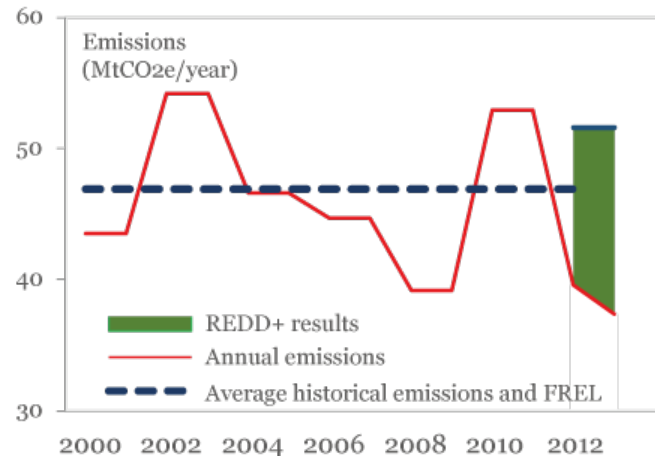
Stock take of REDD+ results



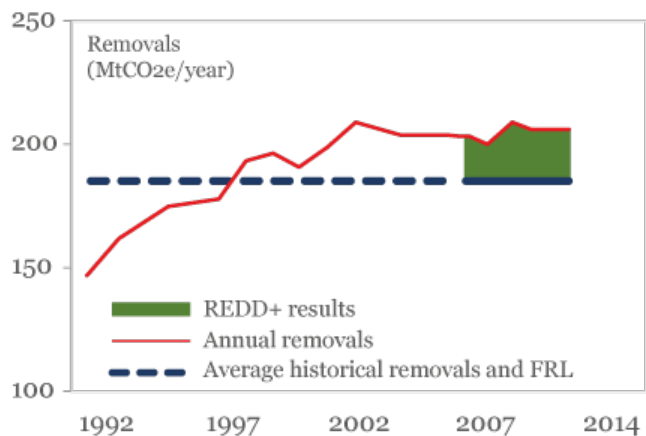
Brazil



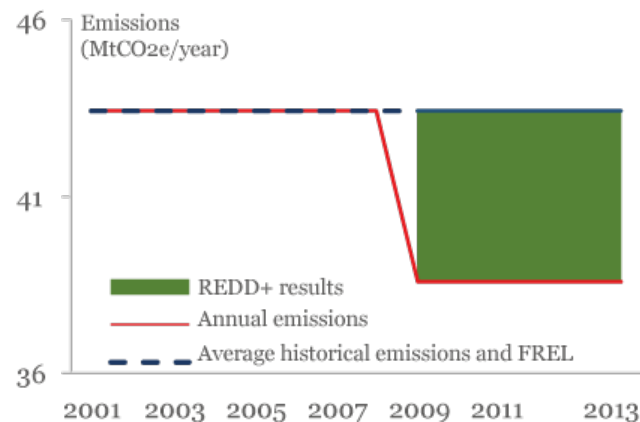
Colombia



Malaysia



Ecuador



Key observations



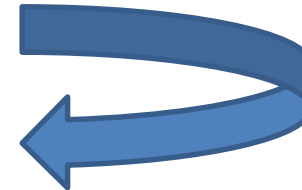
- Technological and institutional barriers to REDD+ MRV are being **overcome**
- **Unprecedented** transparency of countries' forest-sector data and information
- Technical assessment under the UNFCCC is **key** to improvement of countries' forest sector data
- **Improved** country data is contributing to informed forest sector policies, and contributes to SDG and NDC reporting



Key challenges



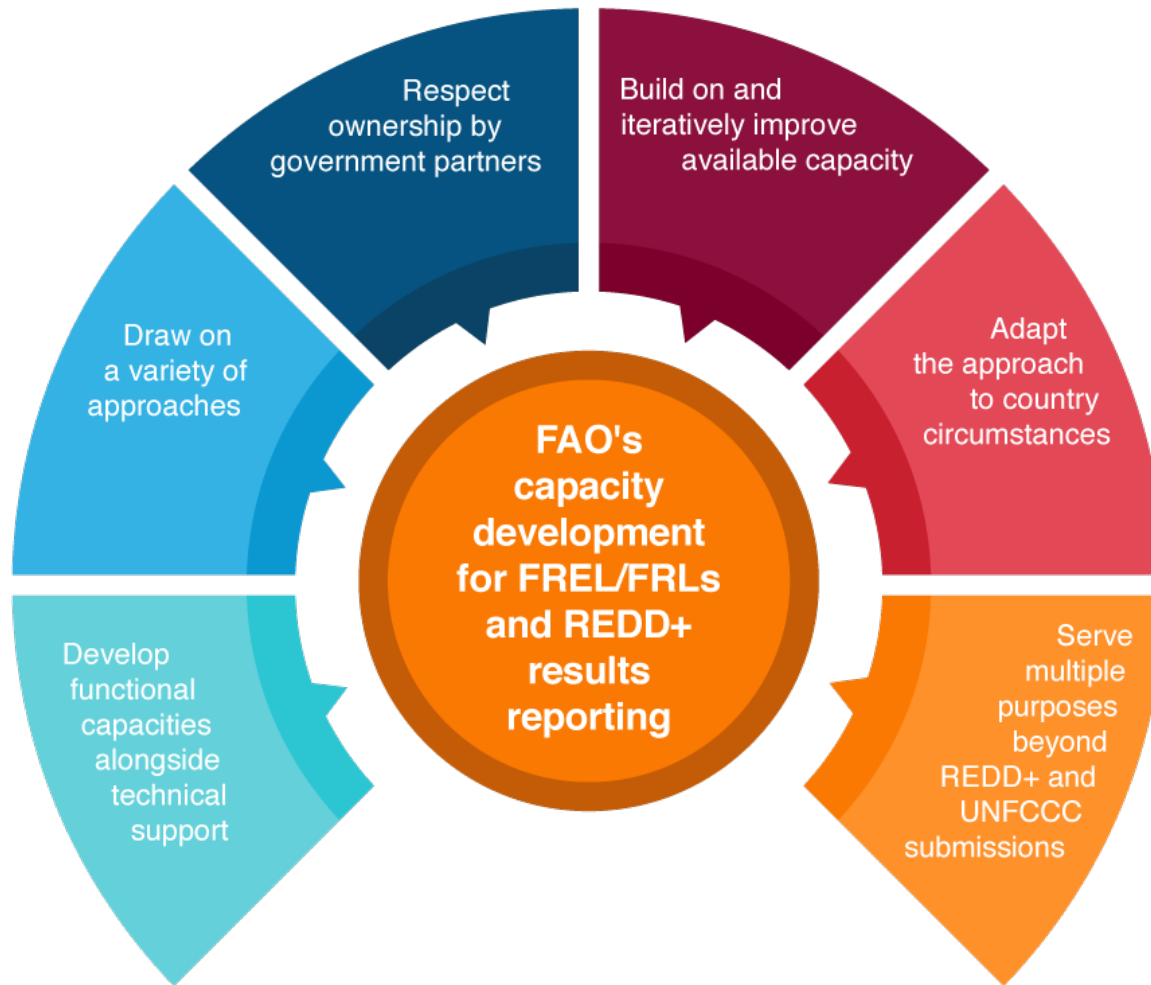
- Country data and the quality of submissions ***need to improve overtime*** to meet donor expectations for payment
- ***Further investment*** in REDD+ MRV readiness is necessary to improve country data and facilitate broad country participation in REDD+



Again: Key next step:

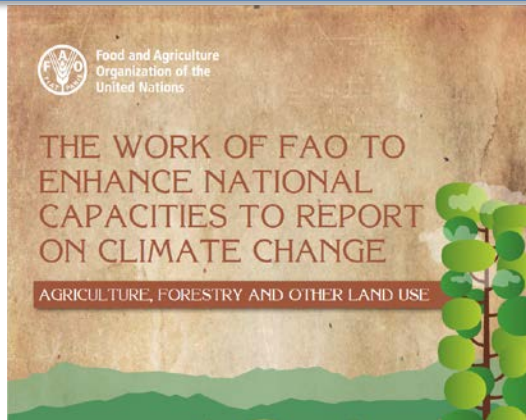
Maintain momentum, overcome barriers, scale up REDD+ action.

FAO support



- FAO **direct** support to 70% of all REDD+ submissions to the UNFCCC
- Supporting all elements of National Forest Monitoring Systems;
 - ✓ National Forest Inventory: Emission Factors
 - ✓ Satellite Land Monitoring Systems: Activity Data
 - ✓ UNFCCC submissions

FAO support



<http://www.fao.org/3/a-i7210e.pdf>



Collect



Collect Mobile



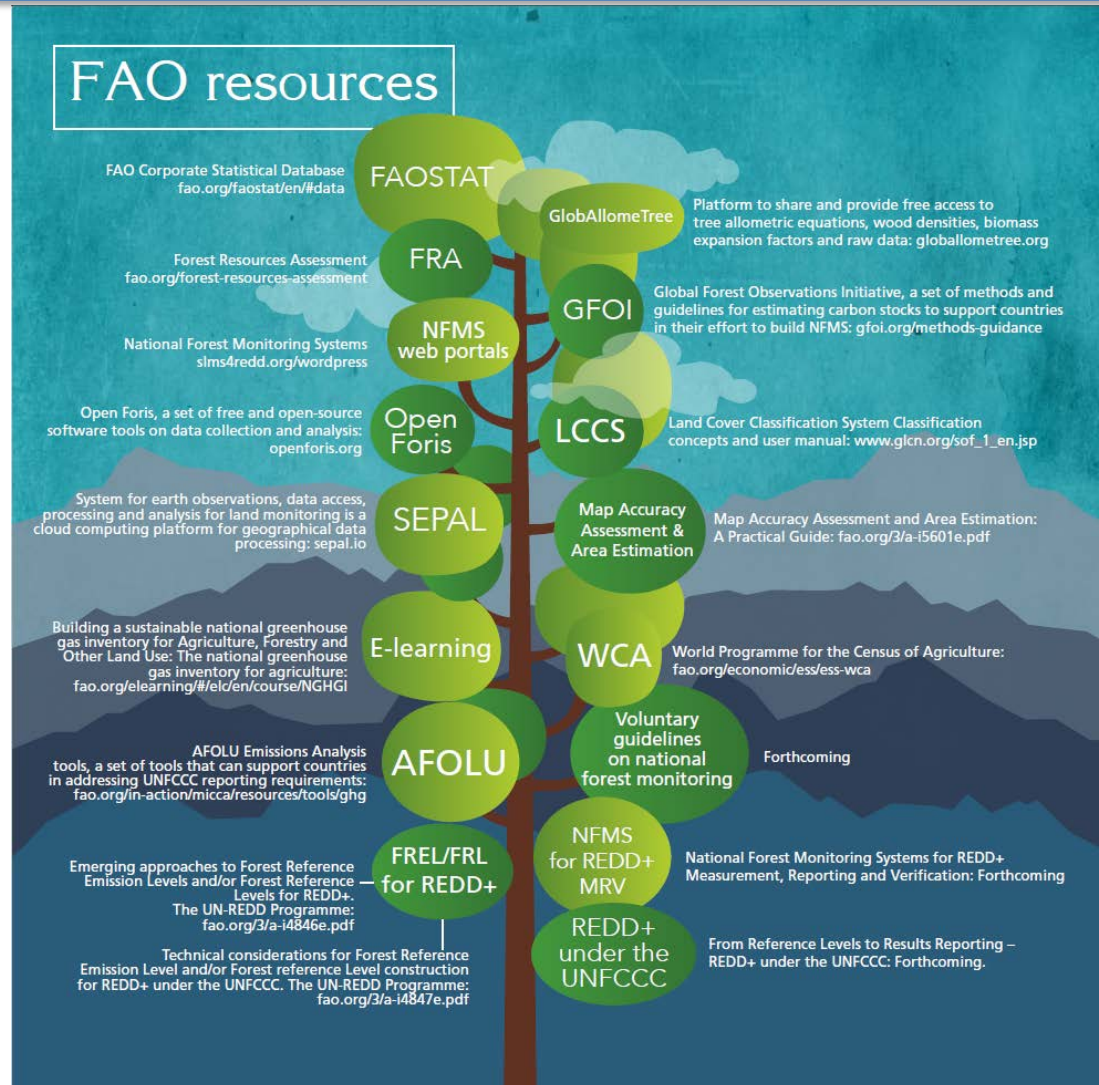
Collect Earth



Calc



Geospatial Toolkit



Thank You!

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