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# UN-REDD PROGRAMME



Food and Agriculture  
Organization of the  
United Nations



Empowered lives.  
Resilient nations.



## Mario Boccucci

Head, UN-REDD Programme Secretariat

ICAO Seminar on Carbon Markets

7-9 February 2018, Montreal, Canada

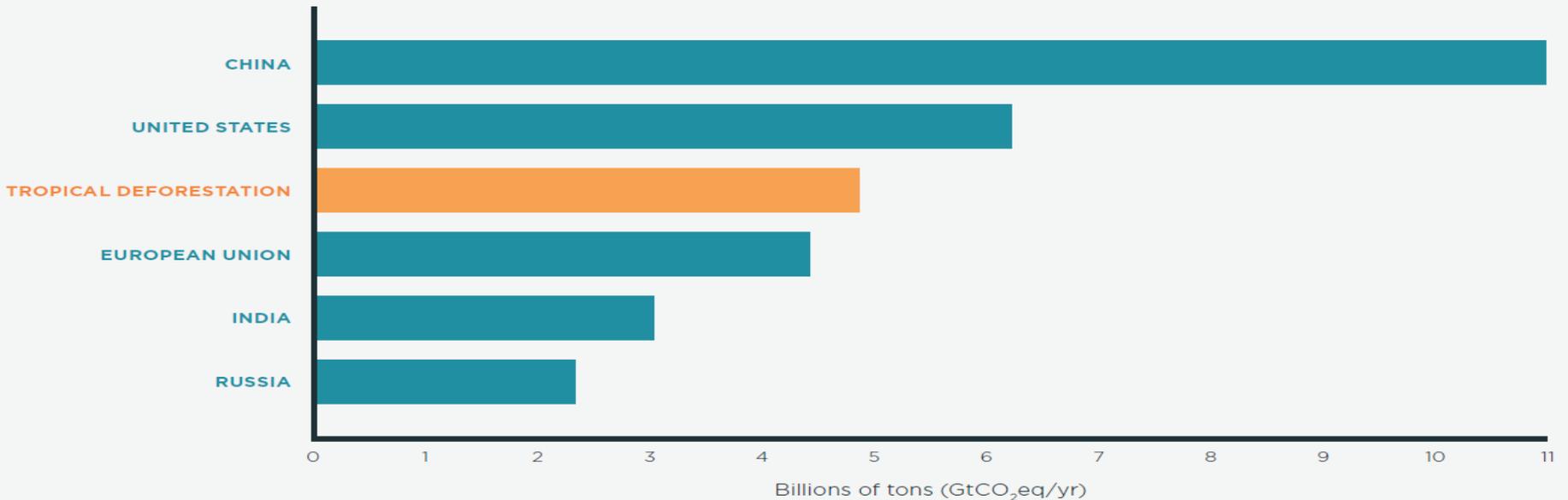
# The Amazing Supplier





# If tropical deforestation were a country, its emissions would be greater than those of the European Union

ANNUAL GREENHOUSE GAS EMISSIONS, 2012



Source: CAIT v2.0, Busch and Engelmann 2015

Emissions from deforestation refers to gross emissions from tropical forest cover loss and peat conversion

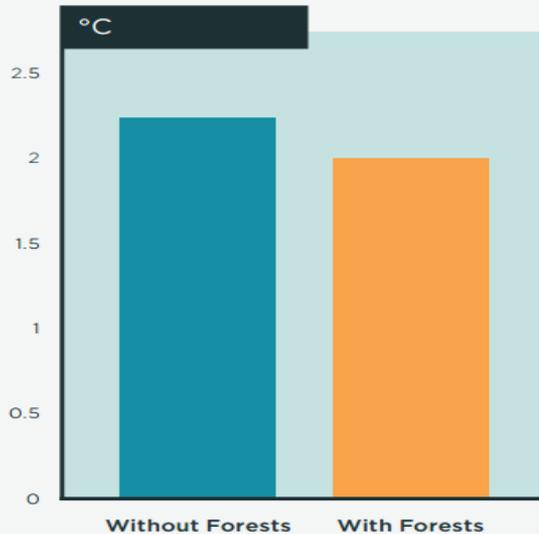


# By reducing tropical deforestation, global climate mitigation can be cooler, cheaper, and faster

## COOLER



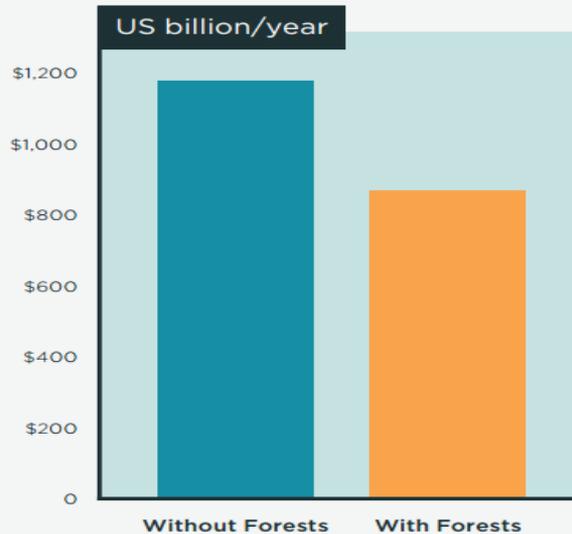
GLOBAL TEMPERATURE INCREASE



## CHEAPER



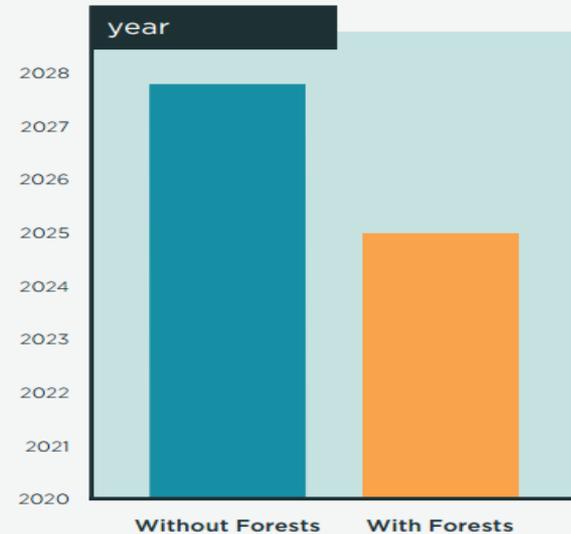
COST OF ACHIEVING 2 °C



## FASTER



YEAR OF PEAK EMISSIONS





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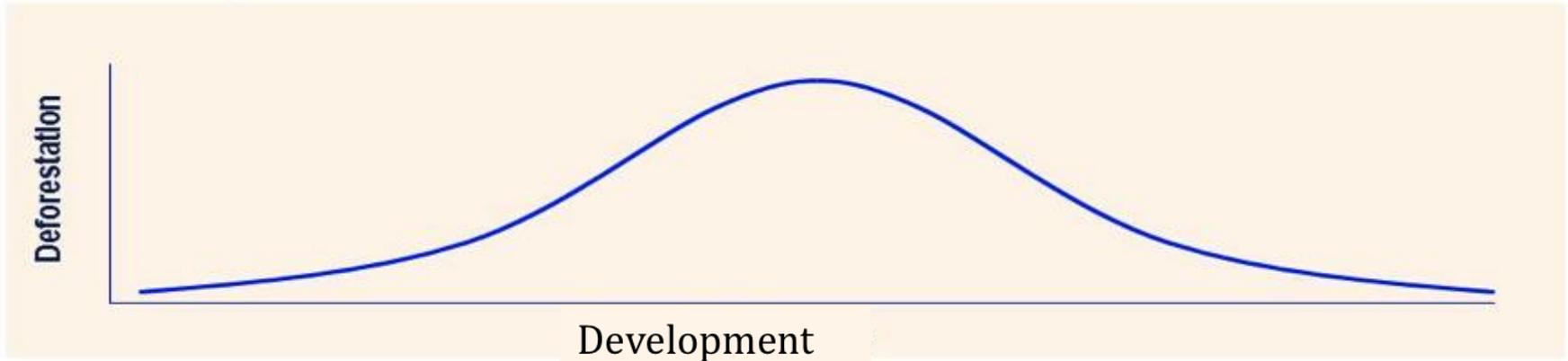


## Who are they?





# Environmental Kuznets Curve



Source Kuznets, S. 1955. Economic growth and income inequality. *American Economic Review* 45, 1–28.

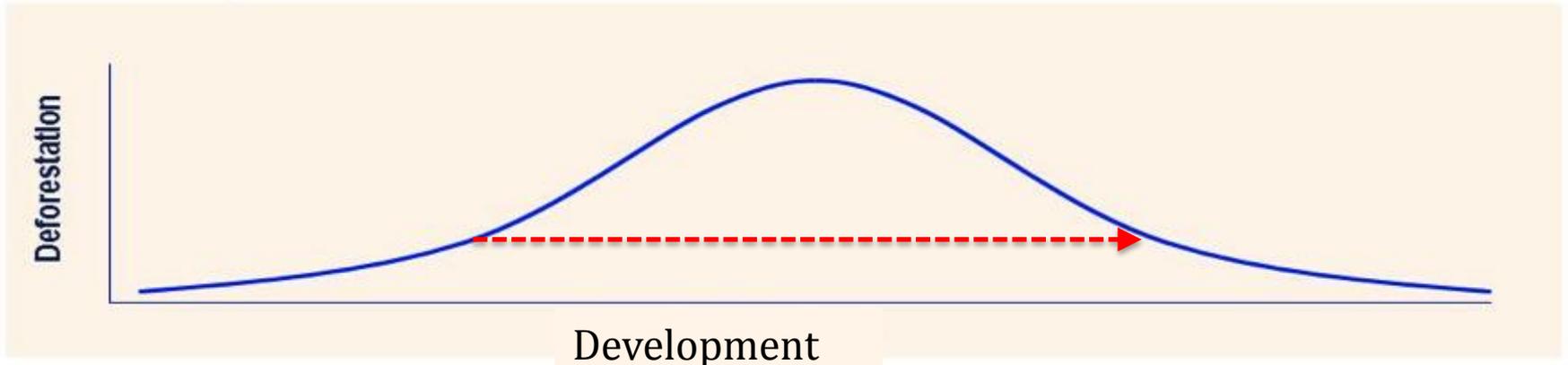


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# A fundamental tunnel for humanity



Source Kuznets, S. 1955. Economic growth and income inequality. American Economic Review 45, 1–28.



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# Unprecedented momentum



1. Political momentum
2. Know-how
3. Investment

UNITED NATIONS  NATIONS UNIES

POSTAL ADDRESS—ADRESSE POSTALE UNITED NATIONS, N.Y. 10017

CABLE ADDRESS—ADRESSE TELEGRAPHIQUE UNITED NATIONS

Reference: C.N.735.2016.TREATIES-XXVII.7.d (Depository Notification)

PARIS AGREEMENT  
PARIS, 12 DECEMBER 2015

ENTRY INTO FORCE

The Secretary-General of the United Nations, acting in his capacity as depositary, communicates the following:

On 5 October 2016, the conditions for the entry into force of the above-mentioned Agreement were met. Accordingly, the Agreement shall enter into force on 4 November 2016, in accordance with its article 21, paragraph 1, which reads as follows:

“This Agreement shall enter into force on the thirtieth day after the date on which at least 55 Parties to the Convention accounting in total for at least an estimated 55 per cent of the total global greenhouse gas emissions have deposited their instruments of ratification, acceptance, approval or accession.”

5 October 2016

## Article 5

1. Parties should take action to conserve and enhance, as appropriate, sinks and reservoirs of greenhouse gases as referred to in Article 4, paragraph 1(d), of the Convention, including forests.
2. Parties are encouraged to take action to implement and support, including through results-based payments, the existing framework as set out in related guidance and decisions already agreed under the Convention for: policy approaches and positive incentives for activities relating to reducing emissions from deforestation and forest degradation, and the role of conservation, sustainable management of forests and enhancement of forest carbon stocks in developing countries; and alternative policy approaches, such as joint mitigation and adaptation approaches for the integral and sustainable management of forests, while reaffirming the importance of incentivizing, as appropriate, non-carbon benefits associated with such approaches.



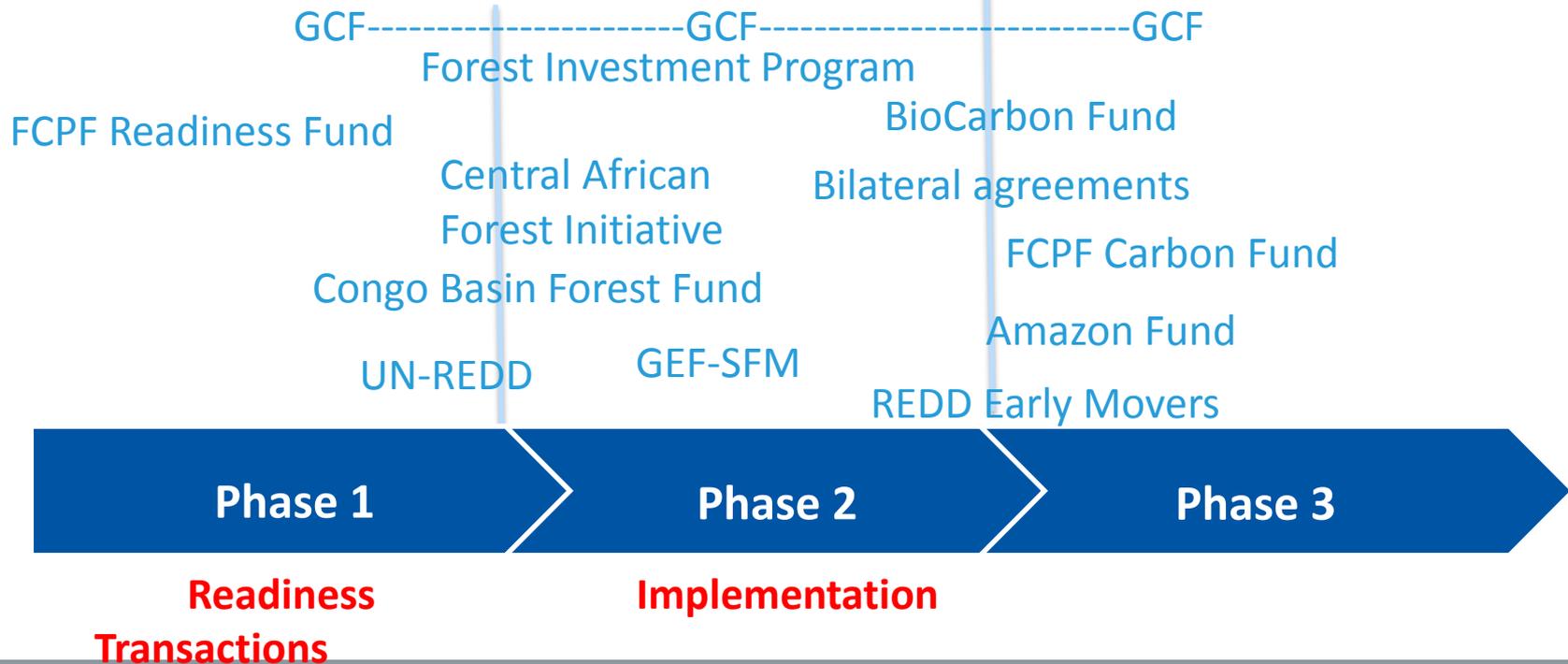
UN-REDD Programme works in 64 countries, representing 50% of the world's tropical forests

In addition, support to Cook Islands, Gambia, Kribati, Marshall Islands, Niger, Palau, Senegal, Sierra Leone, Tongo and Tuvalu.

★ New Partner Country in 2015

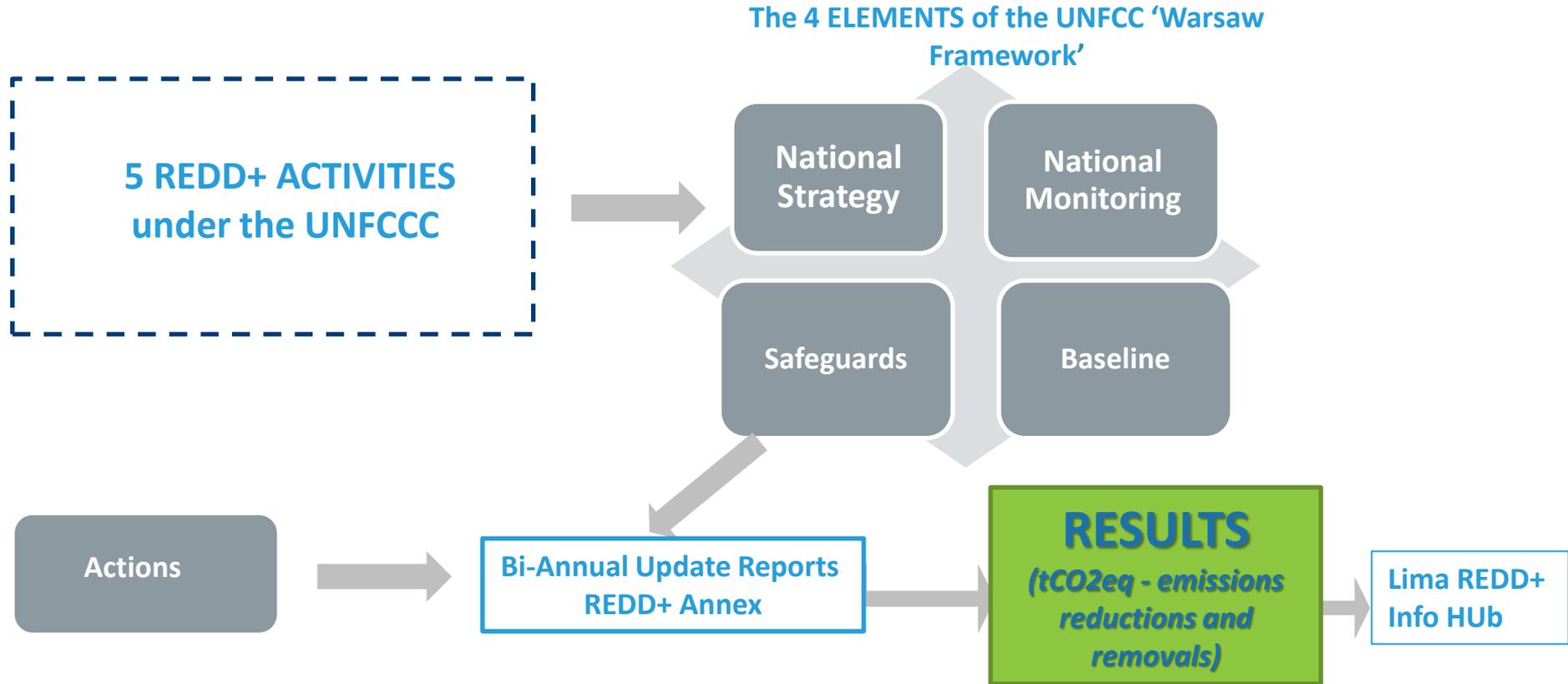


# International REDD+ finance



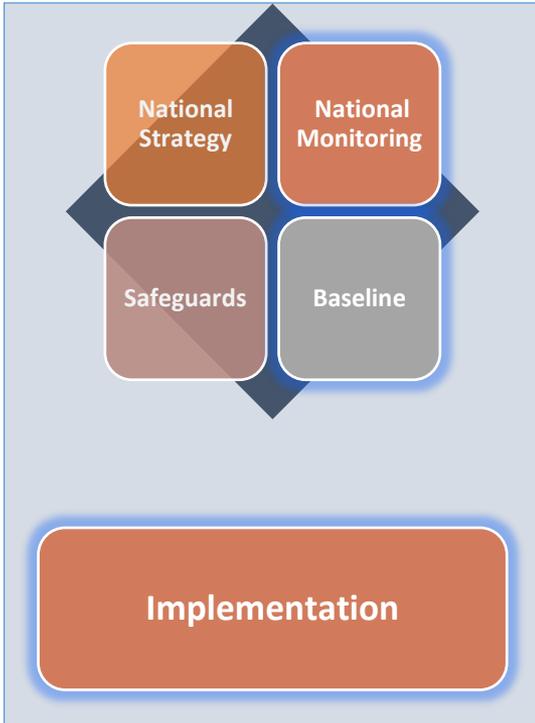


# How are emission units generated?





### UN-REDD support to countries



### Robust Results/Emission Units

- Additional
- Realistic and credible baselines
- Quantified, monitored, reported, verified
- Clear and transparent COC
- Permanent
- Safeguards
- Counted once
- No net harm



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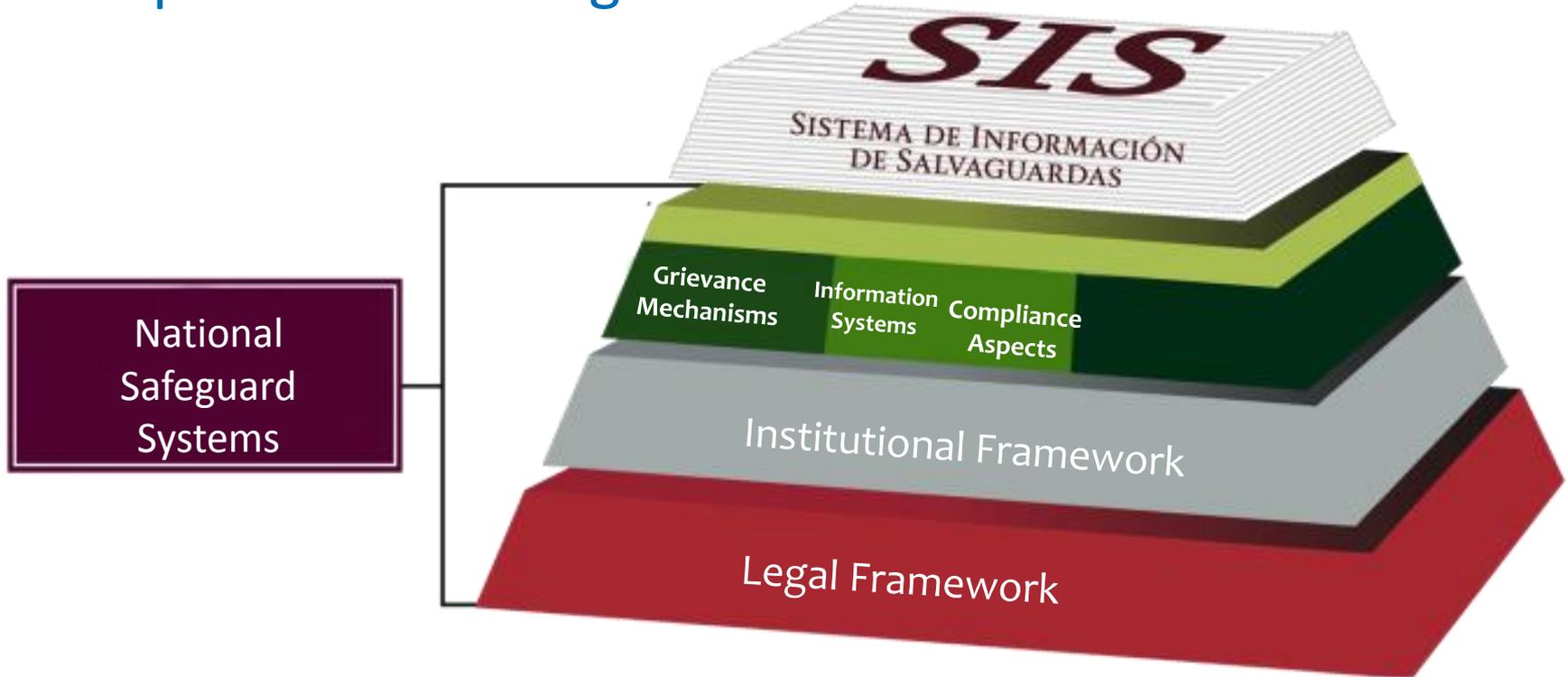


## Example: permanence and leakage





## Example: REDD+ Safeguards

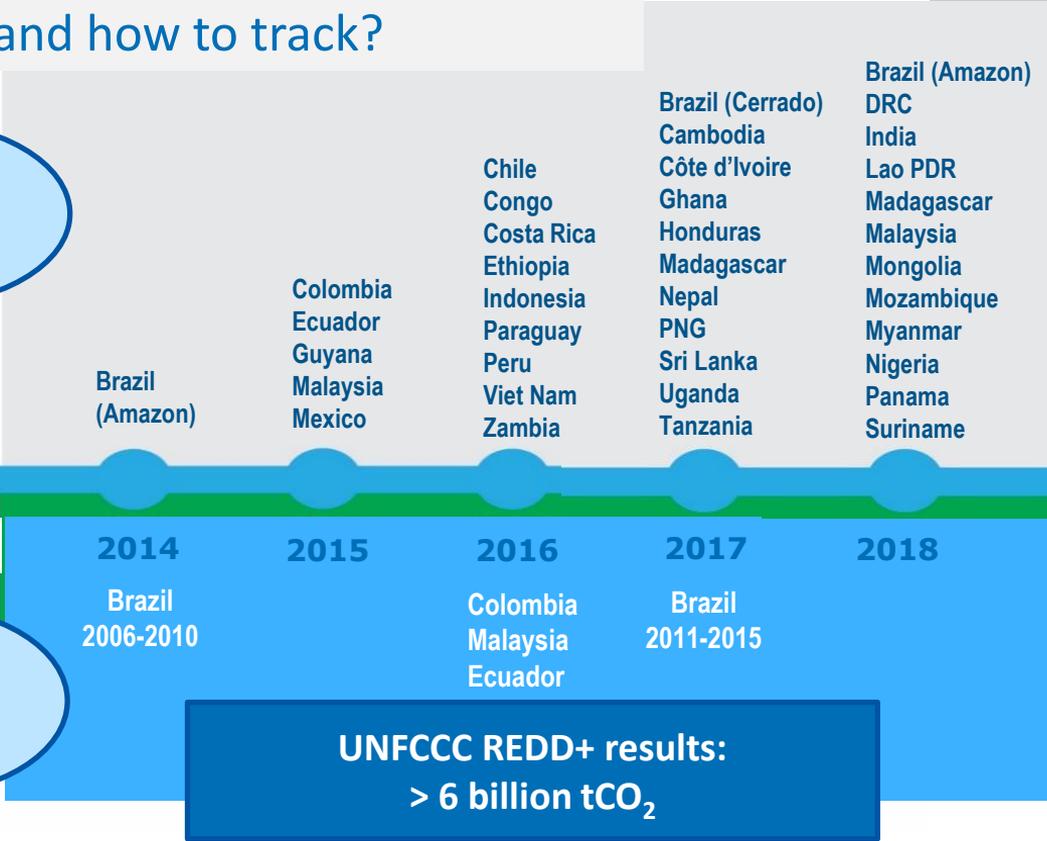




# Where to purchase and how to track?

Baselines  
35

Results  
5



**UNFCCC REDD+ results:  
> 6 billion tCO<sub>2</sub>**

*As of February 2018*

Lima  
REDD+ Info  
Hub

# Conclusion

- Fundamental
- Virtuous Learning
- Solid
- Scale
- Multiple Benefits



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and Caribbean  
[NACC] Office  
Mexico City

South American  
[SAM] Office  
Lima

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Headquarters  
Montréal

Western and  
Central African  
[WACAF] Office  
Dakar

European and  
North Atlantic  
[EUR/NAT] Office  
Paris

Middle East  
[MID] Office  
Cairo

Eastern and  
Southern African  
[ESAF] Office  
Nairobi

Asia and Pacific  
[APAC] Sub-office  
Beijing

Asia and Pacific  
[APAC] Office  
Bangkok



THANK YOU

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Organization of the  
United Nations



Empowering lives.  
Resilient nations.



UNEP