

On MRV & Monitoring for REDD+

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FAO



Outline

1. Significance of MRV & Monitoring in UN- REDD
2. Success factors and UN-REDD Deliverables
3. Framework for MRV & Monitoring
4. Immediate priorities – funding request

Significance: MRV & Monitoring in UN-REDD

40% of UN-REDD net programmed activities so far	ca 16M\$
Associated country programmes and agency contributions (FAO)	ca 12M\$
Pipeline proposals (country, global)	ca 50M\$
Total	ca 78M\$
Future demand from UN-REDD	xxx M\$

➤ Likely the largest forest monitoring project ever

Success Factors and UN-REDD Deliverables

National monitoring system

- Long-term institutions and commitments
- Stakeholder engagement
- Robust Methodology
- Adaptivity
- Transparency
- Integration with needs of other development goals
- South-South collaboration
- Cost-effectiveness
- Build on existing arrangements

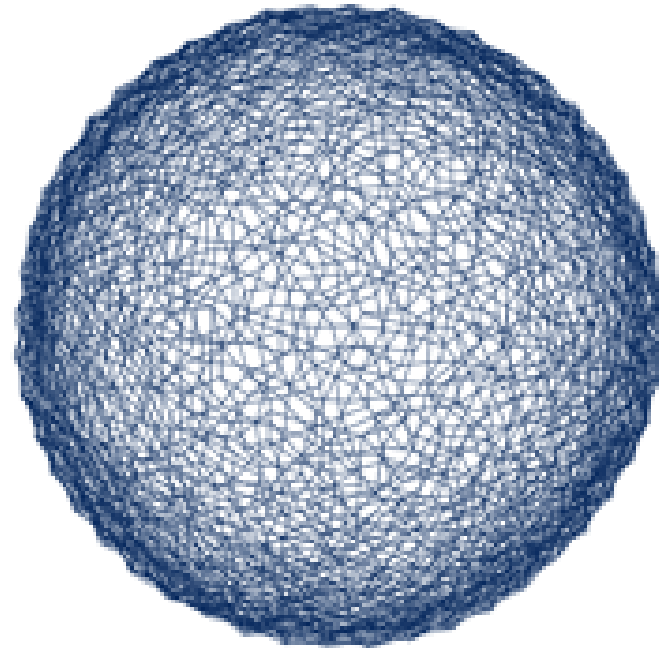
Global support functions

- Capacity building, training
- Expert consultations/
workshops
- Guidelines
- (Review of) Science
- Remote Sensing data and tools
- Technical assistance
- Partnerships

MRV & Monitoring support

Support to countries more centrally organized:

- critical mass of specialized expertise
- exchange of experiences between country programmes
- interaction with global community and science
- global support functions closely linked to country programmes



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SBSTA decision

- To establish robust and transparent national forest monitoring systems [..] using a combination of remote sensing and ground-based forest carbon inventory approaches.
- Monitoring systems should provide estimates [..] suitable for review as agreed by the COP.

COP decision (draft)

Principles

Country-driven

**National
circumstances**

**Consistent with
development goals**

**Consistent with
adaptation needs**

**Equitable etc.
financing**

Results-based

Emission actions

Deforestation

Forest Degradation

Conservation

Sustainable management

Enhancement

Safeguards

Consistent

**Transparent &
Effective Governance**

Rights of Communities

**Stakeholder
Participation**

Conservation

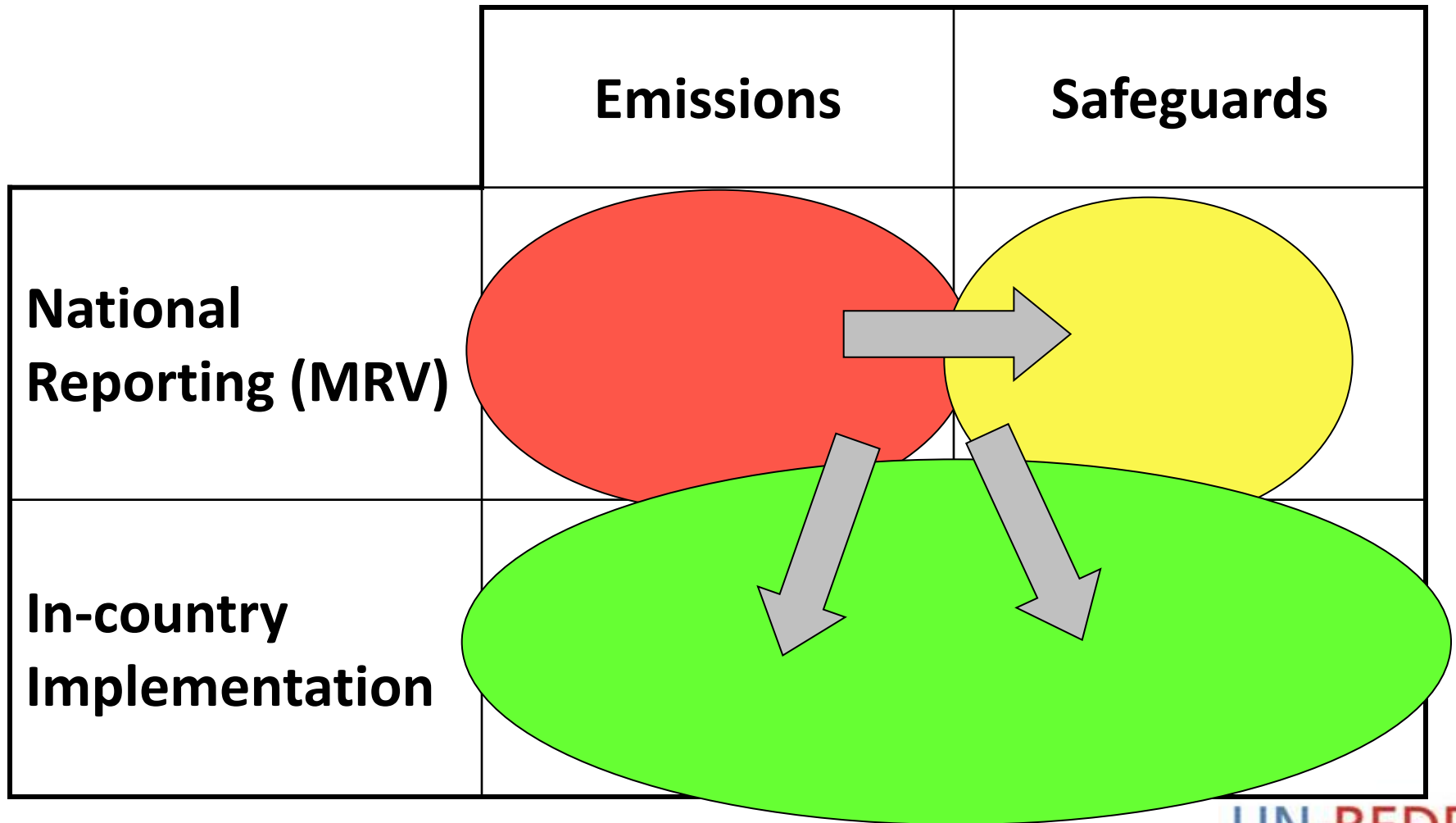
Reversals

Displacement

A moving and evolving target

- Progress in negotiation provides new and additional guidance
 - scope of REDD+
 - what to MRV
- Emerging understanding of in-country implementation of REDD+
 - defines monitoring requirements
 - different needs in different countries
 - linked to, but not same as, MRV

A monitoring framework



What to monitor?

	Emissions	Safeguards
National Reporting	Deforestation Forest Degradation Conservation	Consistent Transparent & Effective Governance Rights of Communities
In-country Implementation	Sustainable management Enhancement	Stakeholder Participation Conservation Reversals Displacement

Different needs!

	Emissions	Safeguards
National Reporting	Must have: High Accuracy, known Precision Expensive measurements -> Sampling approaches No need for full cover data	
In-country Implementation	Must have: Complete coverage -> Payments/Enforcement Must be low cost per measurement -> Remote sensing No need for high accuracy -> instead: proxies	

How?

Emissions

Safeguards

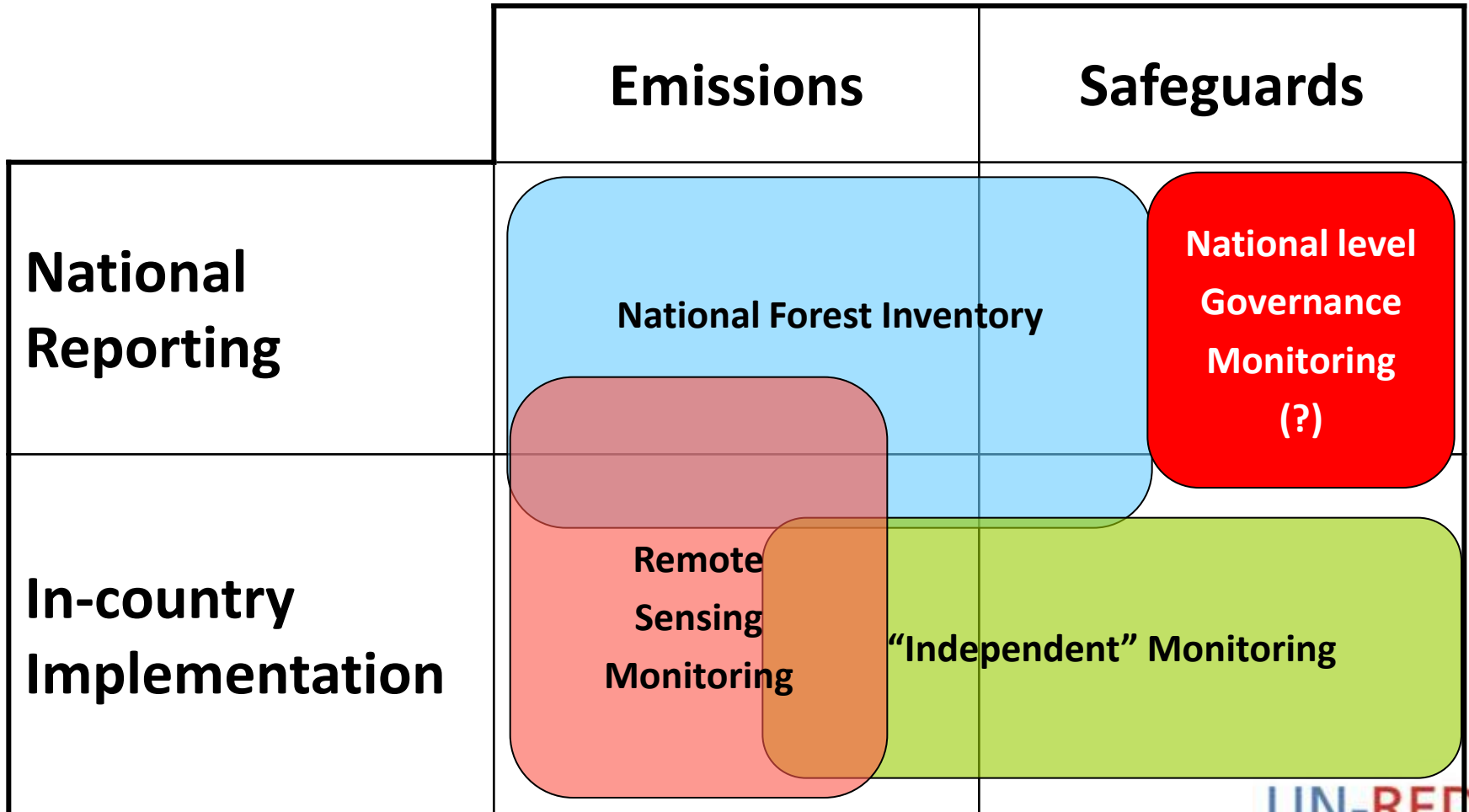
**National
Reporting**

?

**In-country
Implementation**



Approaches



Immediate priorities – funding request

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Global support functions

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- **Guidelines**
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- **Technical assistance**
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- Partnerships