

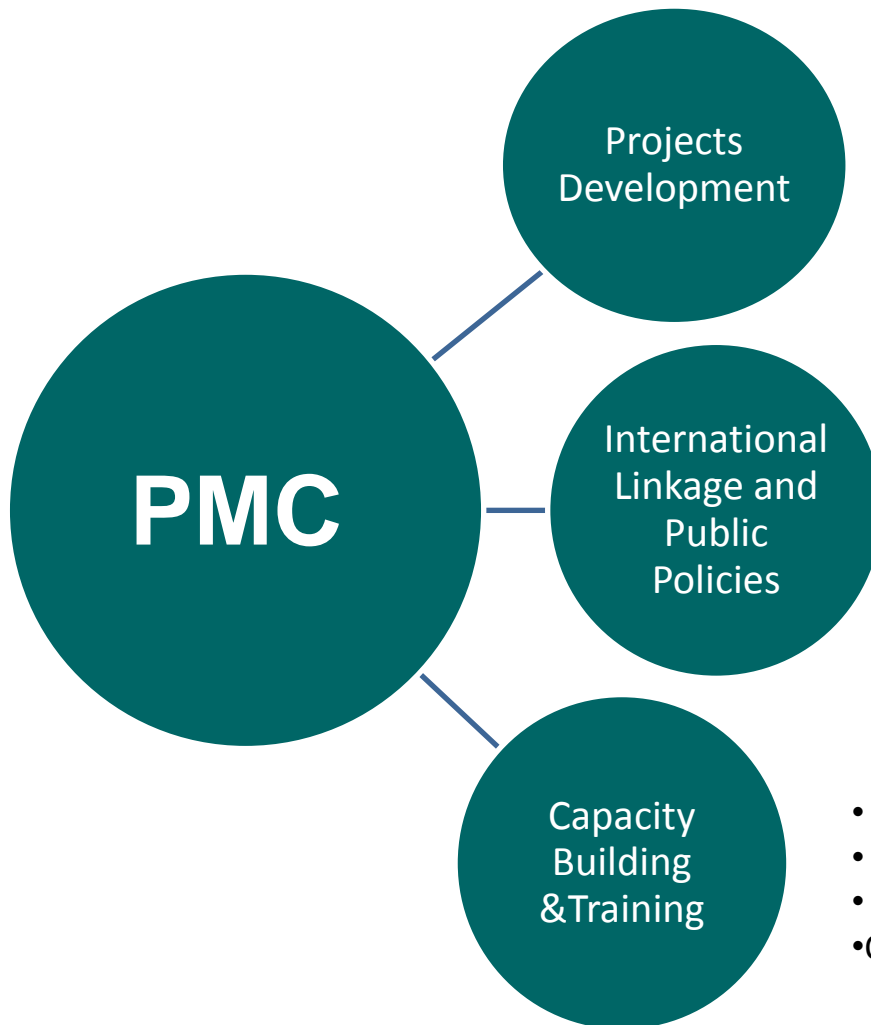
REDD+ in Brazil: current status of regulation, concepts and proposals for the GCF Task Force



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GCF Annual Meeting
Palangka Raya, Central Kalimantan, 21st September 2011

IDESAM and REDD+



- REDD+ and A/R projects
- Juma REDD+ Project / VCS NM0015
- Suruí REED+ Project
- Apui Greener Program
- Carbon Neutral Program

- UNFCCC, GCF, etc.
- Forum Readiness for REDD+
- “Articulación Regional Amazonica” (ARA)
- National: OC, OR, FBMC, FAMC, Amazonas State Government
- VCS Committee JNRI

- REDD Projects Development
- Katoomba Group Courses
- Amazonas State REDD+ and CC
- Others

Pathways for Implementing REDD+

Experiences from Carbon Markets and Communities



Lucio Pedroni
Carbon Decision International
Manuel Estrada Porrua
Climate change consultant
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Institute for Conservation and Sustainable Development of Amazonas

The 'Nested Approach' to REDD+: How Could it Be Implemented?

Abstract

The 'Nested Approach' is a framework for structuring effective incentive mechanisms for reducing GHG emissions from deforestation and forest degradation at multiple scales. The approach is designed to encourage immediate emission reductions in developing countries at a scale compatible with their capacities and levels of governance. Subnational and national mitigation activities are both eligible for international performance-based incentives, and a negotiated but limited time has been granted to governments for moving from sub-national to national implementation. The proposed framework creates the conditions needed for early involvement of the private sector in mitigation initiatives, which is essential to complement public efforts and achieve meaningful emission reductions to keep the global average temperature increase below 2°C in this century.

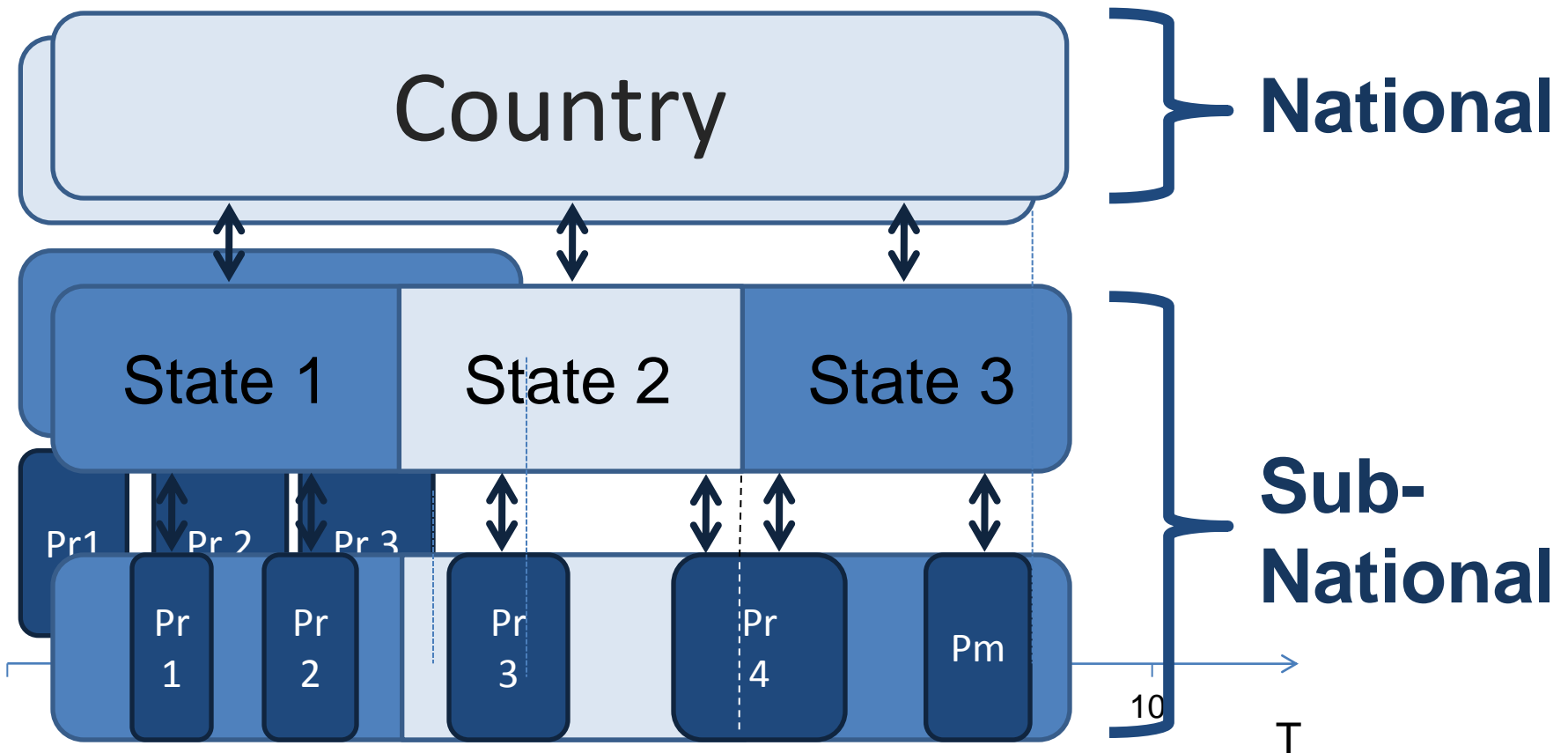
1. Introduction

One of the main issues being discussed within the context of the ongoing negotiations on an international mechanism for Reducing Emissions from Deforestation and Forest Degradation, conserving and enhancing carbon stocks and sustainable forest management (REDD+) under the United Nations Framework Convention on Climate Change (UNFCCC) relates to the 'scale' of initiatives to be incentivized by such a mechanism.

Many Parties to the Convention have proposed that only emission reductions achieved at the national level should be incentivized, arguing that only a country-wide accounting of emissions could ensure that emissions caused by leakage from specific initiatives carried out within the country would be accounted for, and due to the political need to demonstrate meaningful, large-scale participation

¹ The authors would like to thank the valuable contributions and suggestions received on earlier drafts from: Toby-Jason Smith, Steven Peck, Charlotte Reed, Robert O'Sullivan, Jacob Olander and Donna Lee.

REDD+ is happening at different levels



Pr = Local Project Pm = Municipal Project

REDD+ in Brazil: a quick overview

□ National regulations

- ✓ Federal Decree 7.390 (12/2010) – NPCC: ER targets 36-39% in 2020
 - Sectorial plans, must present in 15th December 2011:
 - Sectorial target, costs and strategy (including MBRE)
- ✓ PL 195/2011 (Câmara dos Deputados) e PL 212/2011 (Senado Federal)
 - PL 5586/2009; Recomendações GTs MMA e P&C So
- ✓ Forest Code?

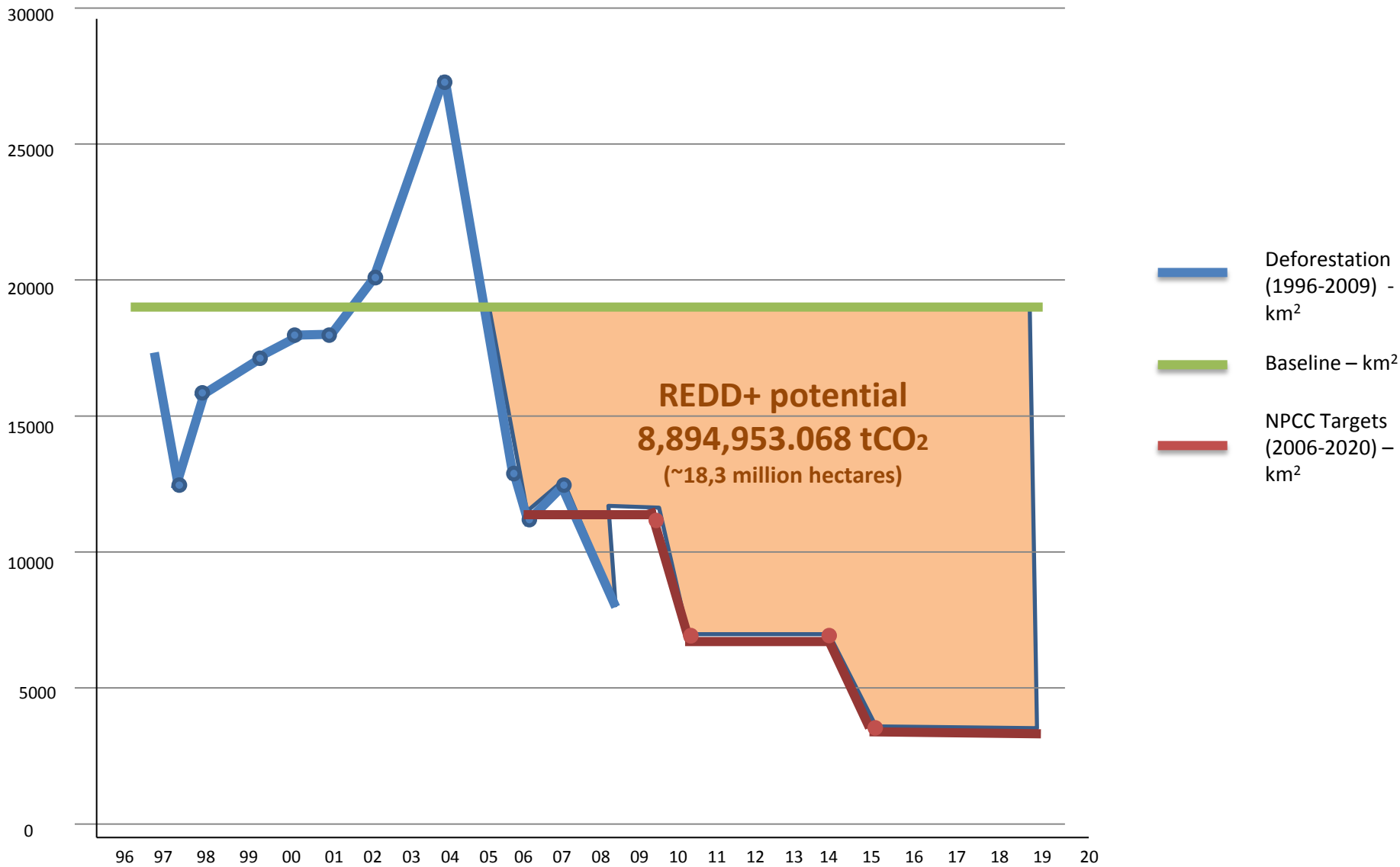
□ State Regulations:

- ✓ Acre (Approved)
- ✓ Amazonas (Public consultations)
- ✓ Mato Grosso (Public consultations)
- ✓ Pará (under construction)

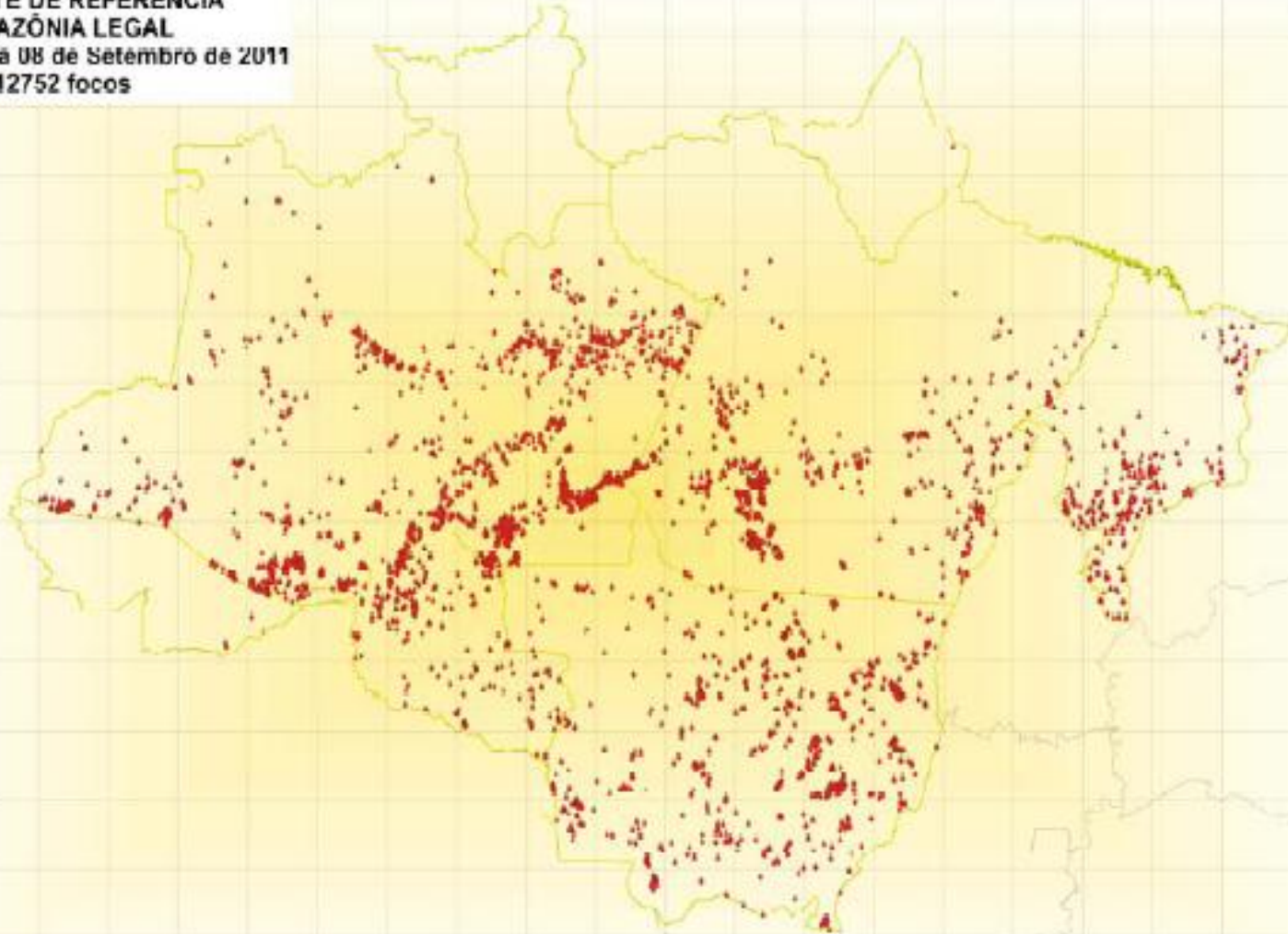
□ REDD+ Projects: 07 - 21 projects under different status



Brazilian Amazon: Baseline and Targets (NPCC FD 7.390/2010)



**FOCOS DE CALOR
SATÉLITE DE REFERÊNCIA
AMAZÔNIA LEGAL**
01 de Agosto a 08 de Setembro de 2011
12752 focos



Área de Calor
LEGENDA
Área de Calor
Linha Inter municipal
Amazônia Legal

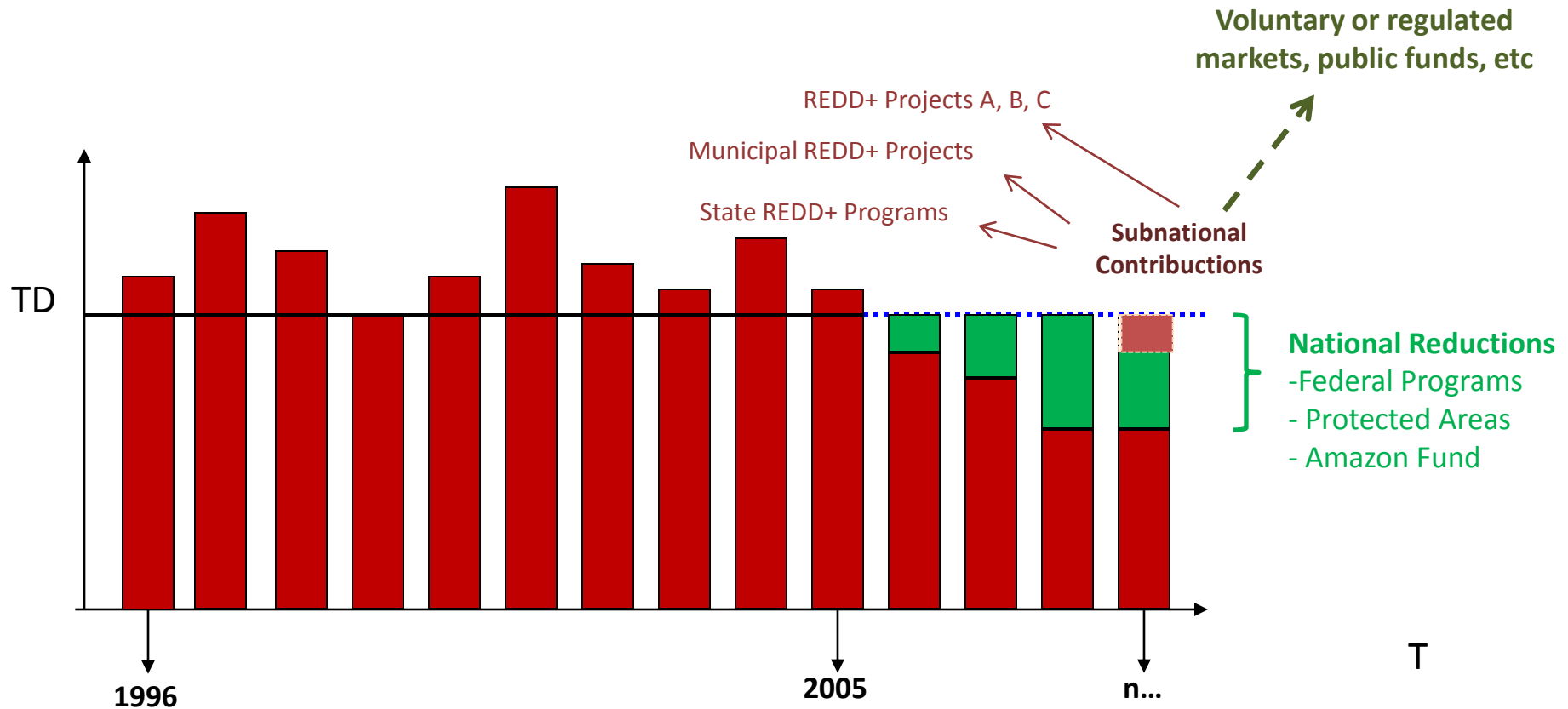
NOTA TÉCNICA
Elaborado a partir de base cartográfica digital escala 1:250.000
coordenadas UTM - UTM Zone 18J - Datum: Spherul
Simplificada pelo CACTI, UNIGEM de Curitiba. Fonte:
dados coletados pelo INPE. Todos os direitos reservados
para o Brasil e Projeto de Assessoria de Planejamento pelo
PROFA, 2012, 2013.

Escala
1:1.000.000
0 100 200 300 400 500 600 700 800 900 1000
Distância em quilômetros

SDS
Secretaria de Estado do Meio Ambiente e
Desenvolvimento Sustentável



Why a REDD+ System in Brazil?



Avoid double counting and provide a clear framework for programs and pilot activities applicable to State's specific conditions...

50%

50%

8.894.953.068 tCO₂ UREDD (2006 - 2020)

The National REDD+ Commission will define how to allocate the C-REDD and U-REDD

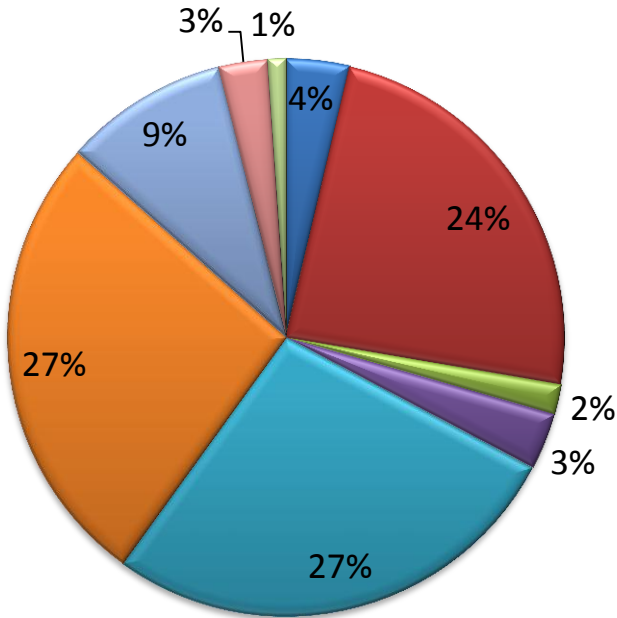
U REDD: May be used to fundraising (cannot be used to offset GHG emissions)

C REDD: May be used to offset emissions at national and international levels

XXX tCO₂

YYY tCO₂

Alocação UREDD - 2006/2020

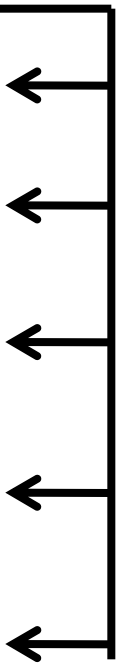


- Acre
- Amazonas
- Amapá
- Maranhão
- Mato Grosso
- Pará
- Rondônia
- Roraima
- Tocantins

Federal Government

- Monitoring and Fiscalization
- Sustainable Activities
- Increase agriculture efficiency
- Sustainable Forest Management
- Amazon Fund

- Project A
- Project B
- Project C



= 134 MtCO₂

= 121 MtCO₂

= 190 MtCO₂

= 110 MtCO₂

= 700 MtCO₂

Independent Validation

State Registry of REDD+ Activities

625
MtCO₂

2006 - 2020

Government Actions

Monitoring and fiscalization

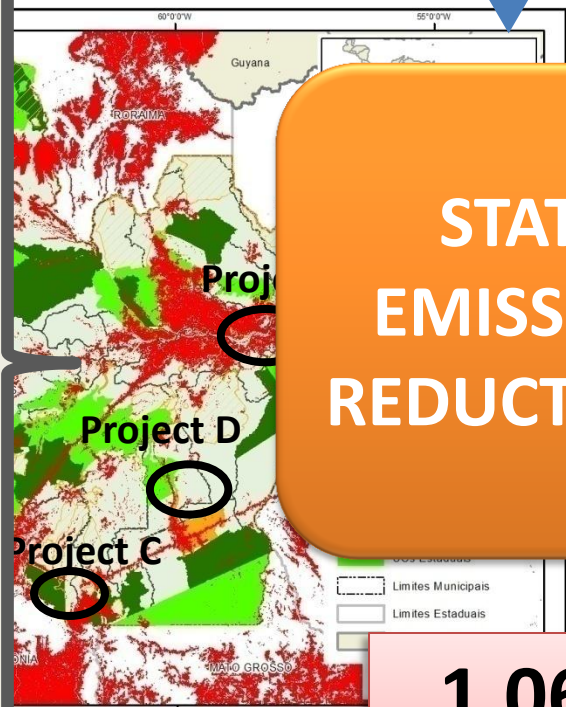
Sustainable Activities

PES Programs

PPCD-AM

Buffer

439
MtCO₂



STATE
EMISSION
REDUCTIONS

1,06
GtCO₂

State Registry of REDD+ activities

Project A	= 134 MtCO ₂
Project B	= 121 MtCO ₂
Project C	= 190 MtCO ₂
Project D	= 110 MtCO ₂
Project E	= 70 MtCO ₂

625
MtCO₂

2006 - 2020

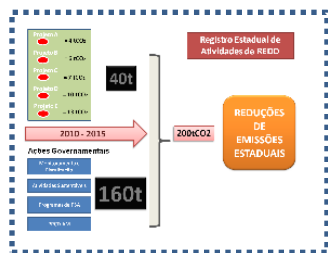
Governmental actions

- Monitoring and fiscalization
- Sustainable Activities
- PES Programs
- PPCD-AM

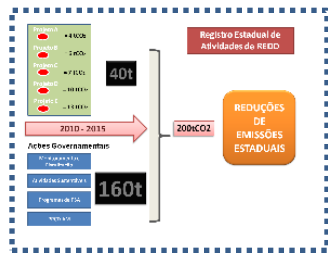
439
MtCO₂

1,06
GtCO₂

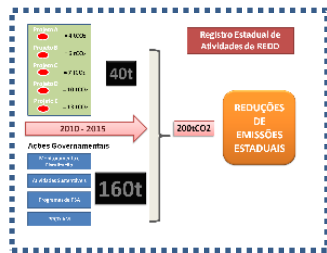
STATE
EMISSIONS
REDUCTIONS



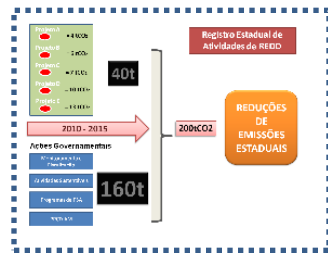
AC



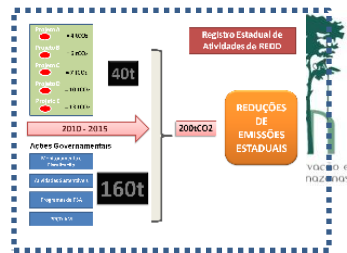
AM



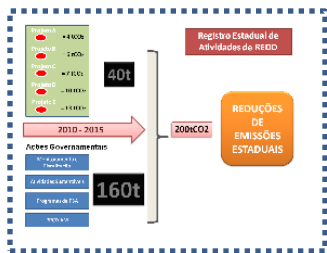
AP



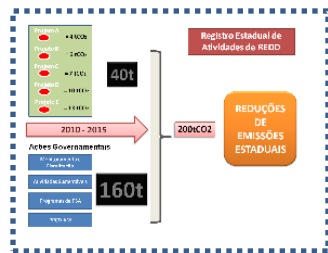
MA



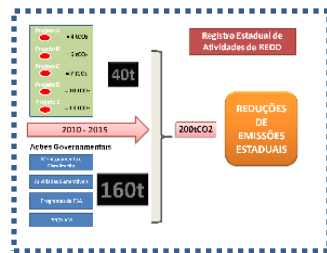
MT



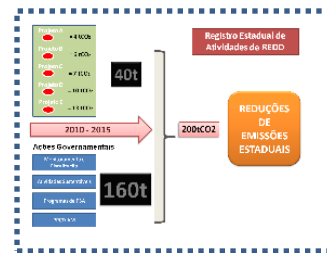
PA



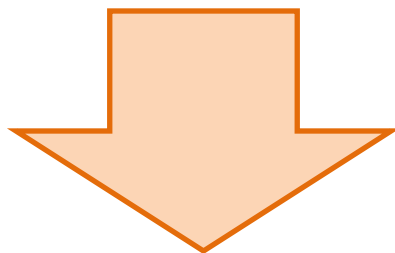
RO



RR



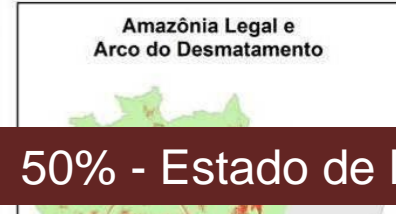
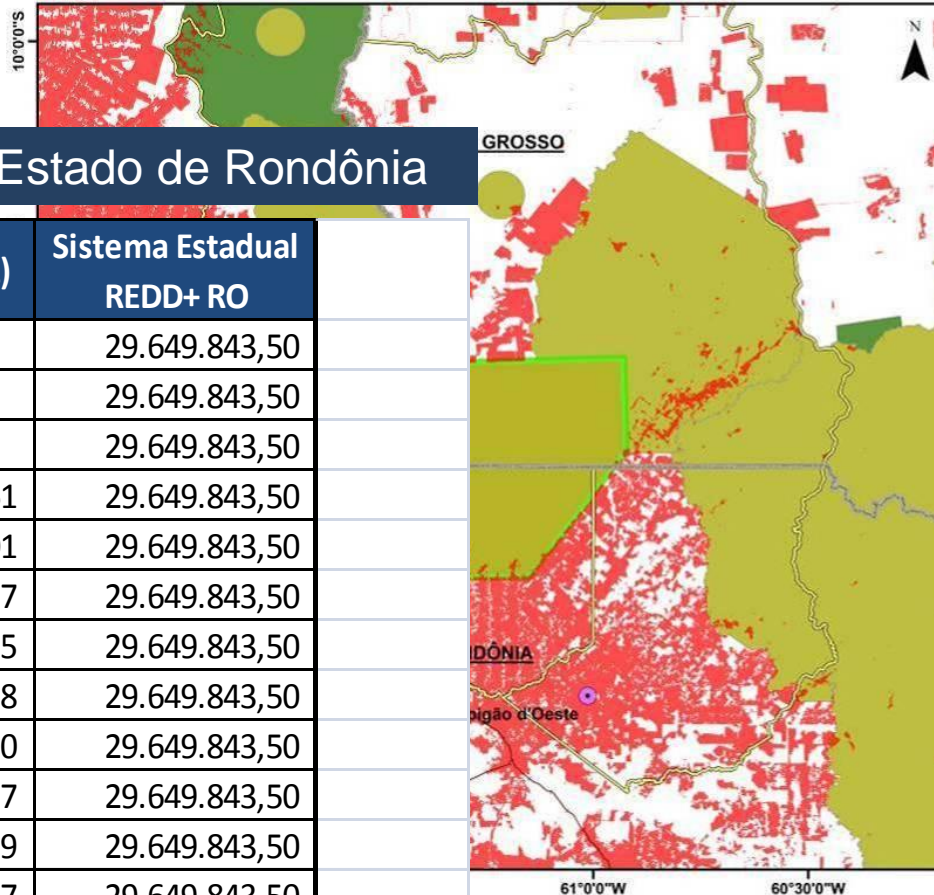
TO



NATIONAL REGISTRY

Integração do Projeto de Carbono Florestal Suruí com estratégia nacional de REDD+

Terra Indígena Sete de Setembro



50% - Estado de Rondônia

PCFS (tCO2)	Sistema Estadual REDD+ RO	
0	29.649.843,50	
0	29.649.843,50	
0	29.649.843,50	
176.866,61	29.649.843,50	
178.855,01	29.649.843,50	
246.806,97	29.649.843,50	
238.932,35	29.649.843,50	
228.469,98	29.649.843,50	
221.420,10	29.649.843,50	
212.096,97	29.649.843,50	
200.232,39	29.649.843,50	
182.565,87	29.649.843,50	
154.574,93	29.649.843,50	
161.547,84	29.649.843,50	
168.805,49	29.649.843,50	
2.371.174,52	444.747.652,50	0,27%

50% - Estado de Mato Grosso

PCFS (tCO2)	Sistema Estadual REDD+ MT	
0	81.833.568,17	
0	81.833.568,17	
0	81.833.568,17	
176.866,61	81.833.568,17	
178.855,01	81.833.568,17	
246.806,97	81.833.568,17	
238.932,35	81.833.568,17	
228.469,98	81.833.568,17	
221.420,10	81.833.568,17	
212.096,97	81.833.568,17	
200.232,39	81.833.568,17	
182.565,87	81.833.568,17	
154.574,93	81.833.568,17	
161.547,84	81.833.568,17	
168.805,49	81.833.568,17	
2.371.174,52	1.227.503.522,55	0,10%

Questions for the GCF

- What is the appropriate/most efficient level for crediting REDD+ (national, state, projects)
- Under a national baseline and MRV, should sub-national activities go through additional “methodological requirements” (VCS, CAR, etc.)?
- There is interest in REDD+ both on “demand” and “supply” sides ... what is the GCF role in reducing regulatory/policy risks?

Questions for the GCF

- State level (GCF) readiness for REDD+: how to access funds more efficiently?
- Private sector engagement is essential: how to build more creative and integrated approaches for REDD+
- Early starters take advantage: establish safeguards and be flexible for future changes

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IDESAM

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