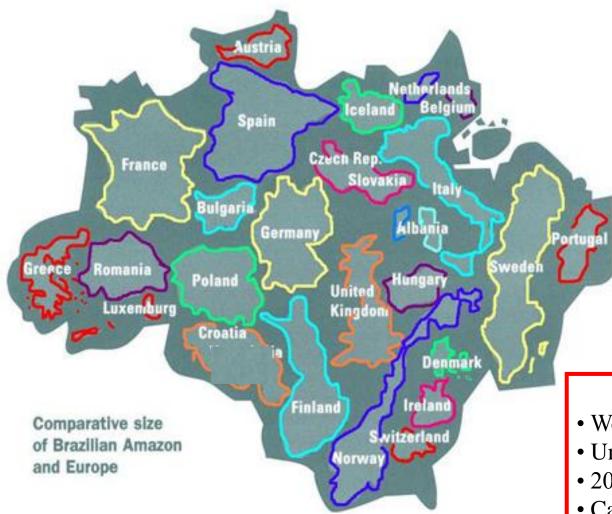
Mainstreaming Biodiversity Conservation in a Landscape Approach

Secretary of Biodiversity and Forests – SBF Ministry of the Environment November 2015



The Amazon challenge...



• 5.1 million Km²

- 23 million people (12% of Brazil's)
- 350,000 indigenous people
- 70% urban population
- 46% below poverty line (2nd poorest region)
- 17% deforested

Global Benefits

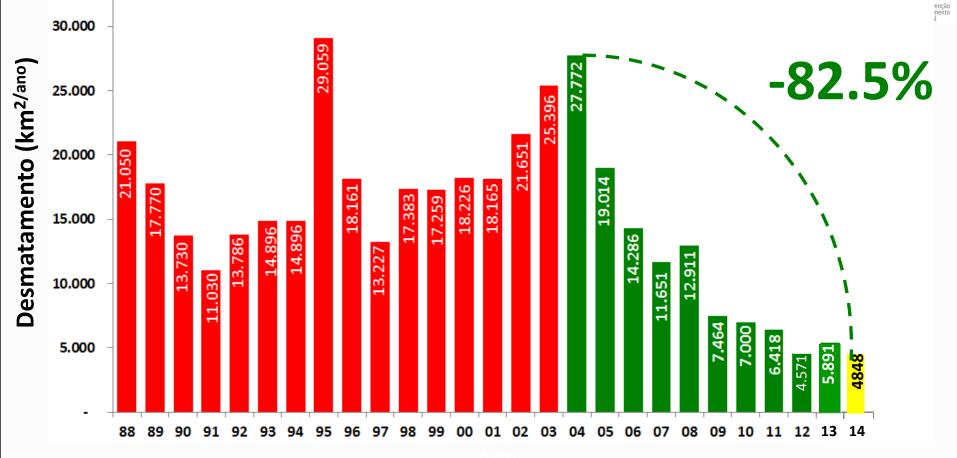
- World's largest rainforest
- Unique biodiversity
- 20% globe's fresh water
- Carbon stocks



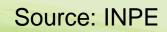


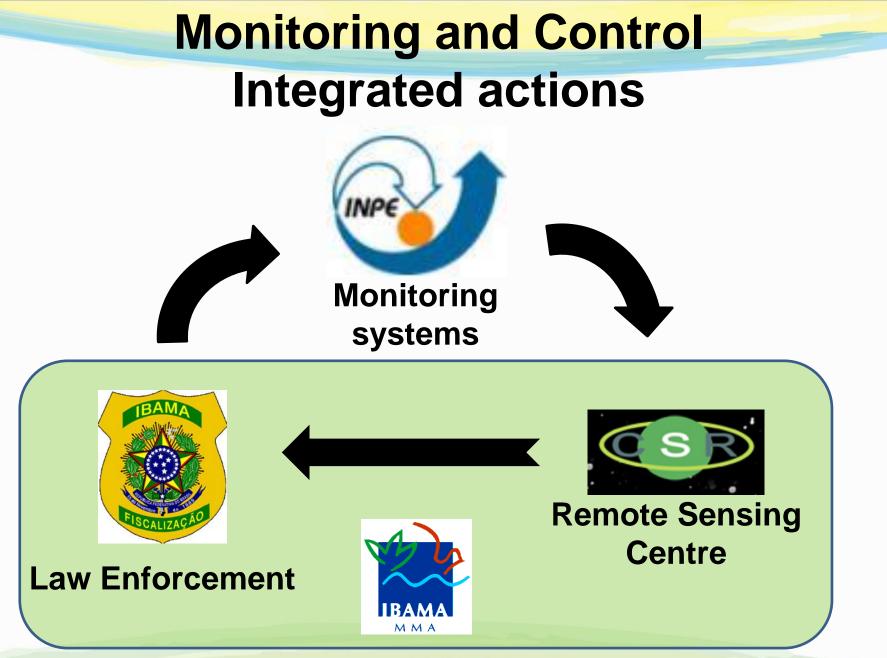
Prodes 1988-2014 (km2)















Annual High resolution Public acess

> Ministério do Meio Ambien



Qualquer problema, dúvida ou sugestão, por favor entre em contato: prodes@dpl.inpe.br

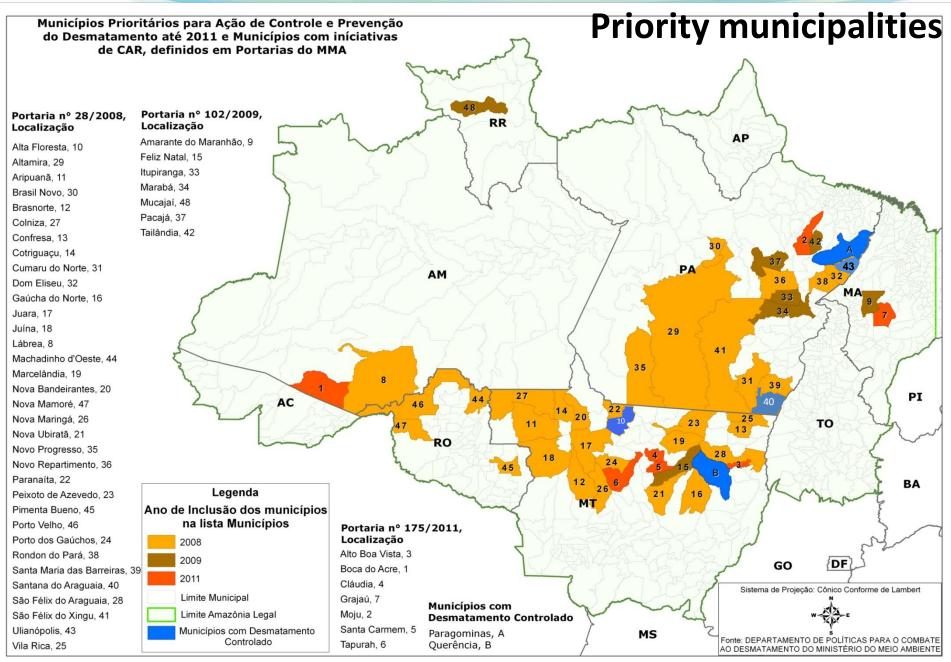


O dados do Sistema de Monitoramento do Desmatamento na Amazônia Legal do <u>PRODES</u> foi licenciado com uma Licençe Creative Commons - Atribuição - Compartilhelgual 3.0.Não Adaptada.



Early notice detection system New data every day

Decree nº 6321/2007 – deforestation hotspots:











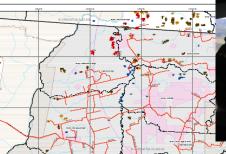






Land 2007
Contained Sector
Contained S





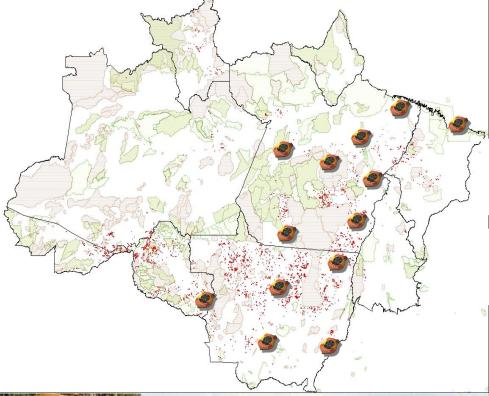








Road barriers







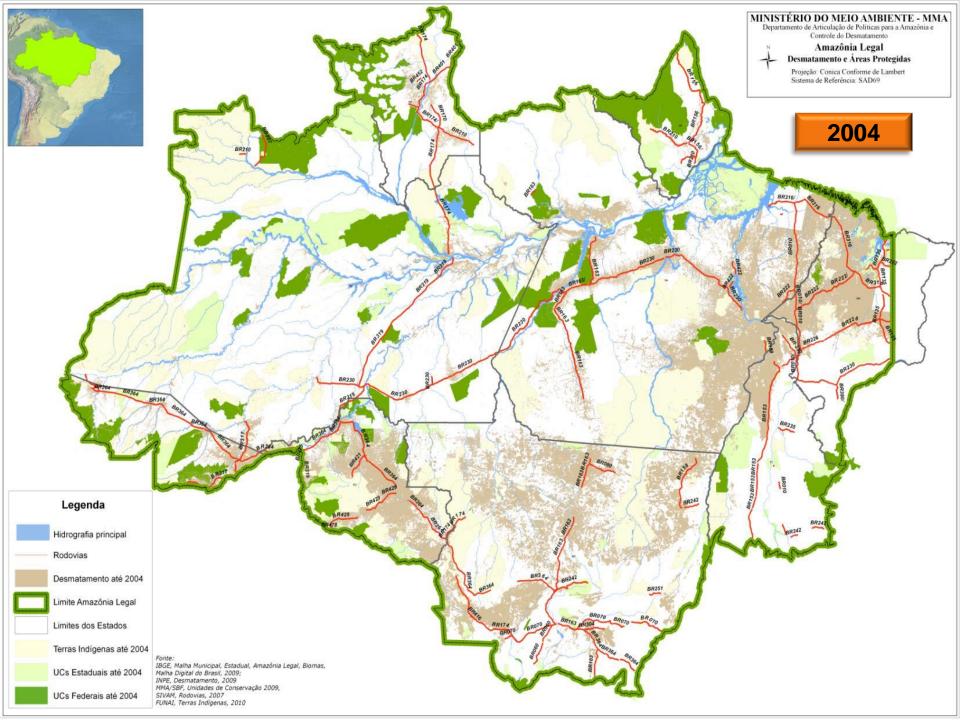
Arrested Material in 2011

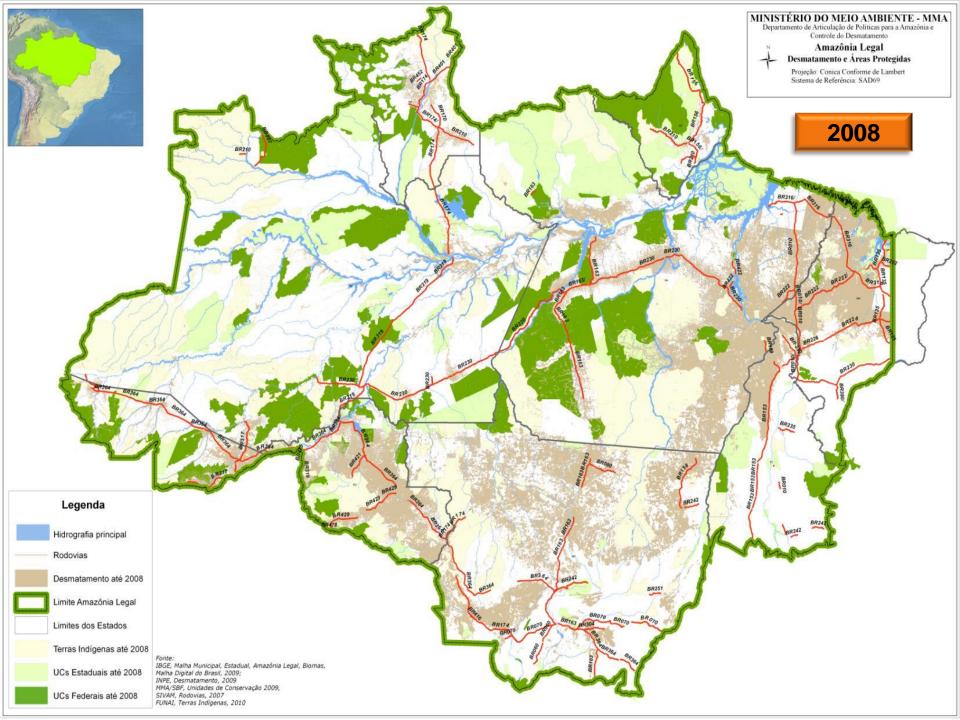
60 Bulldozers

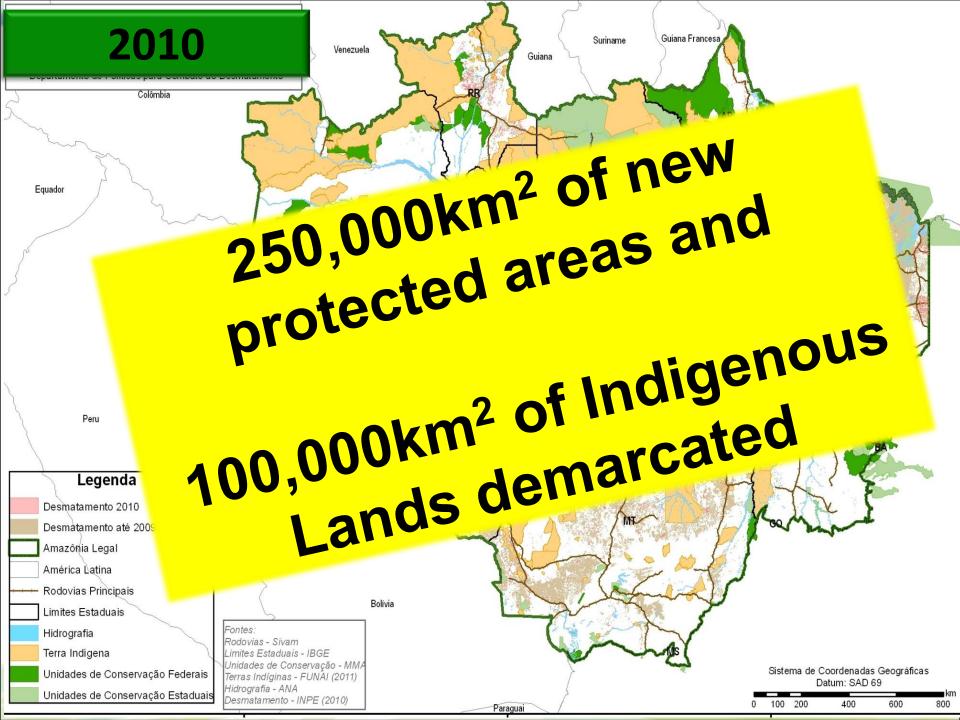
~ 200 Chainsaws

650 Trucks









3. New forest code implementation

Rural Environment Cadastre



http://www.car.gov.br/



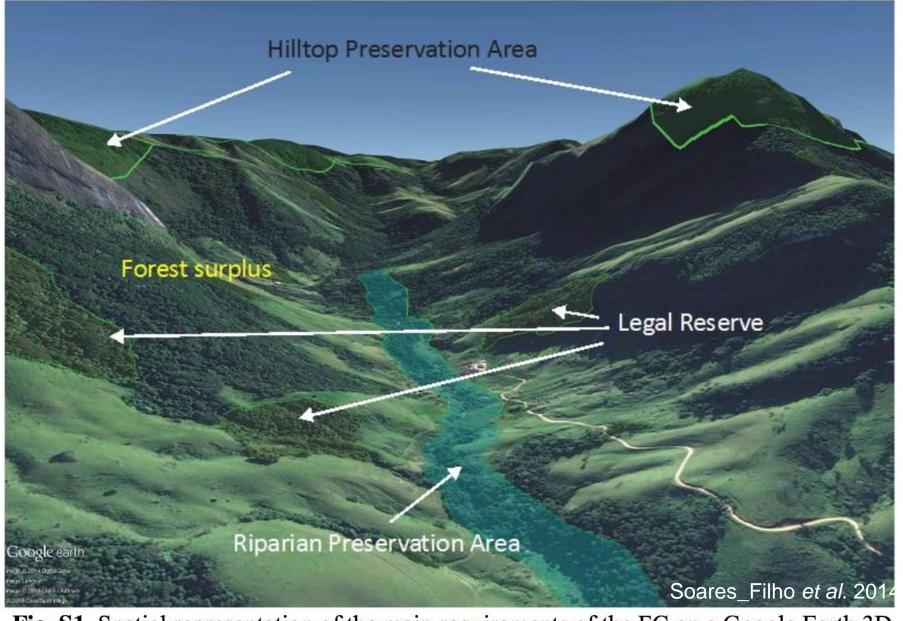
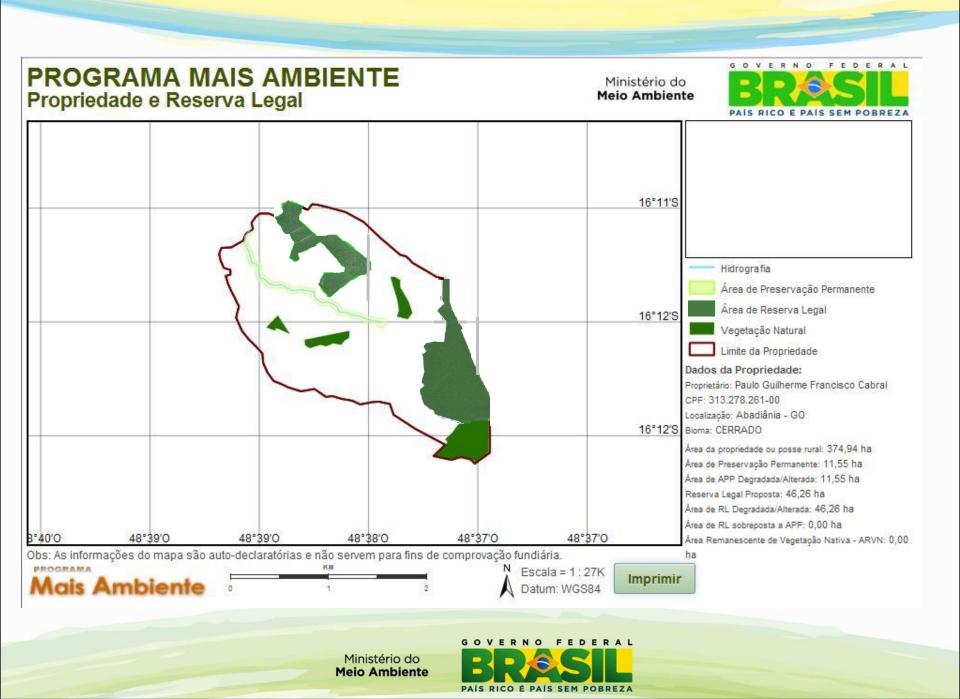


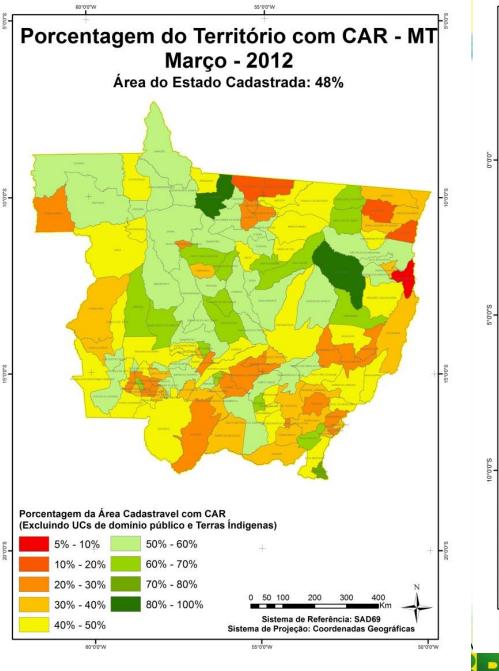
Fig. S1. Spatial representation of the main requirements of the FC on a Google Earth 3D view. Forest surplus represents extent of native vegetation that exceeds FC requirements.

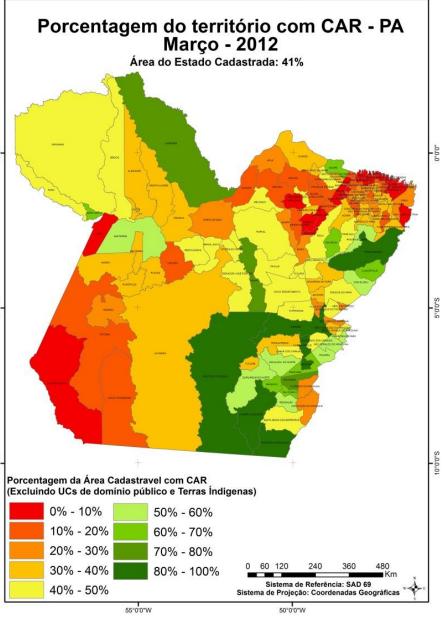
PAÍS RICO É PAÍS SEM POBREZA

At farm level: Environmental regularization - CAR









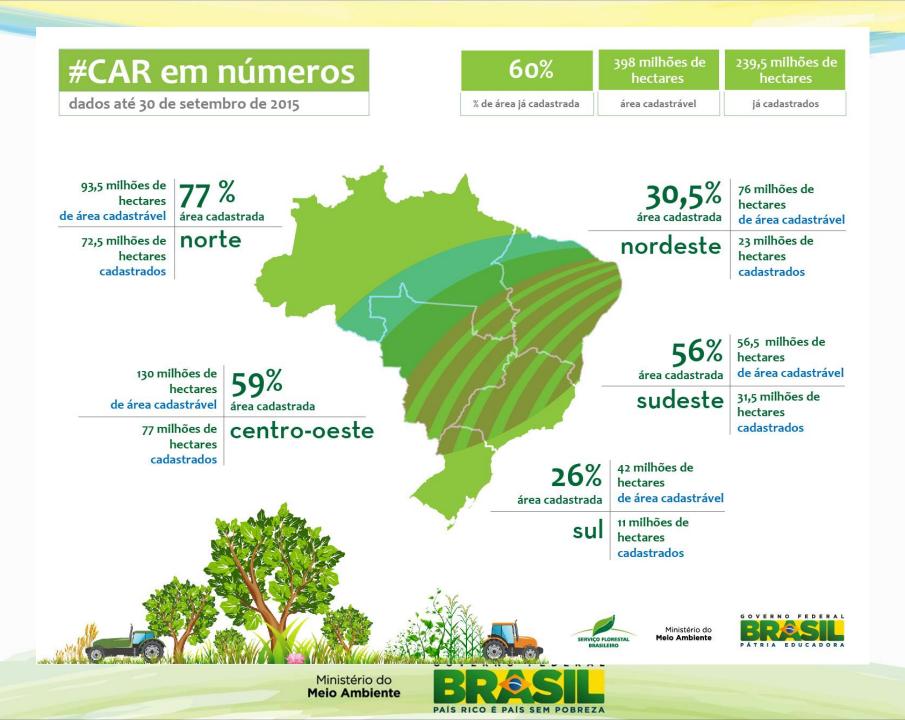
50°0'0"W

55°0'0"W





PAÍS RICO É PAÍS SEM POBREZA





EXTRATO – BRASIL

ÁREA PASSÍVEL DE CADASTRO¹ ÁREA TOTAL CADASTRADA² PERCENTUAL DE ÁREA CADASTRADA³

397.962.158 ha

239.408.847 ha

60,16%

Número de Imóveis Cadastrados²: 2.059.458

¹A área passível de cadastro é estimada com base no Censo Agropecuário 2006, do Instituto Brasileiro de Geografia e Estatística - IBGE, e nas atualizações do Distrito Federal e dos estados Amapá, Amazonas, Espírito Santo, Pará e Mato Grosso ²As informações correspondem à soma dos dados: do Sistema de Cadastro Ambiental Rural (SICAR); dos sistemas estaduais do Espírito Santo, Mato

Grosso do Sul, Pará e São Paulo; e dos Assentamentos da Reforma Agrária

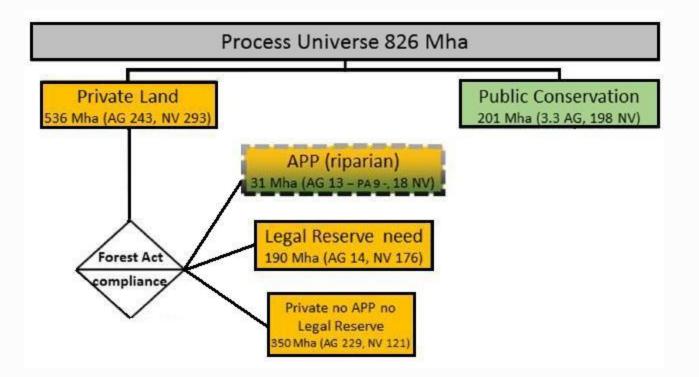
³Percentual calculado com base na área passível de cadastro

Incremento mensal em área de imóveis:

2,44%

Incremento mensal 5.696.535 hectares 241.811 imóveis





Fonte: adaptado de Sparovek et al. (2015)





Low carbon agriculture program: productivity enhancement as a way to achieve a land neutral agriculture expansion

7 PROGRAMS

- Degraded pasture recovery
- Integrate Agriculture-Cattle-Forestry (iLPF) and Agroforestry systems (SAFs)
- Direct plantation (SPD)
- Biological Nitrogen fixation (FBN)
- Planted forests
- Animal waste treatment
- Adaptation to Climate Change



The Brazilian Coalition

- A multi-sectoral movement, advocates a set of concrete proposals that will propel the country to the forefront of discussions on climate change and sustainable development.
- A broad-based coalition that has come together to create a viable agenda to face the challenges of climate change and develop a LOW CARBON ECONOMY.
- The movement unites companies, NGOs, trade associations, environmentalists, farming interests and individuals. It brings together and represents all Brazilian business and civil society sectors related to land use, meaning <u>forest, energy and food</u>.

DKADIL CLIMA FLORESTAS E AGRICULTURA



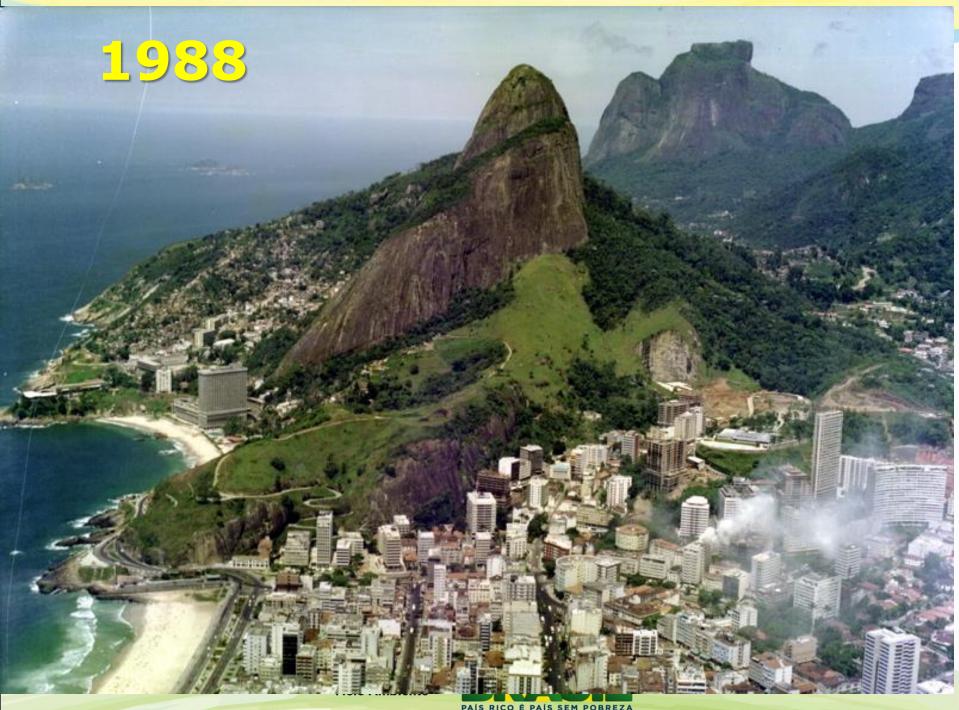
The Brazilian Coalition – Fast facts and Characteristics

- Launched in June 2015
- Over 100 members companies in the agribusiness, timber, pulp and paper, bionergy, financial, cosmetics, steelmaking, retail and other industries
- Political, but non partisan movement > Influence Climate public policy in Brazil and abroad

BRAZILIAN COALITION LAUNCH - > OVER 250 PARTICIPANTS



PAÍS RICO É PAÍS SEM POBREZA



PAÍS RICO É PAÍS SEM POBREZA

2008

Brazilian INDC has a 12 million ha reforestation target including native forest recovery



COMMINENT COLLABORATION

Thank you ! Carlos Alberto de Mattos **Scaramuzza**, Dr. em Ecologia, Director, Depart. of Biodiversity Conservation <u>Carlos.scaramuzza@mma.gov.br</u> Rodrigo Martins **Vieira**, Deputy Director, Depart. of Biodiversity Conservation <u>rodrigo.vieira@mma.gov.br</u>