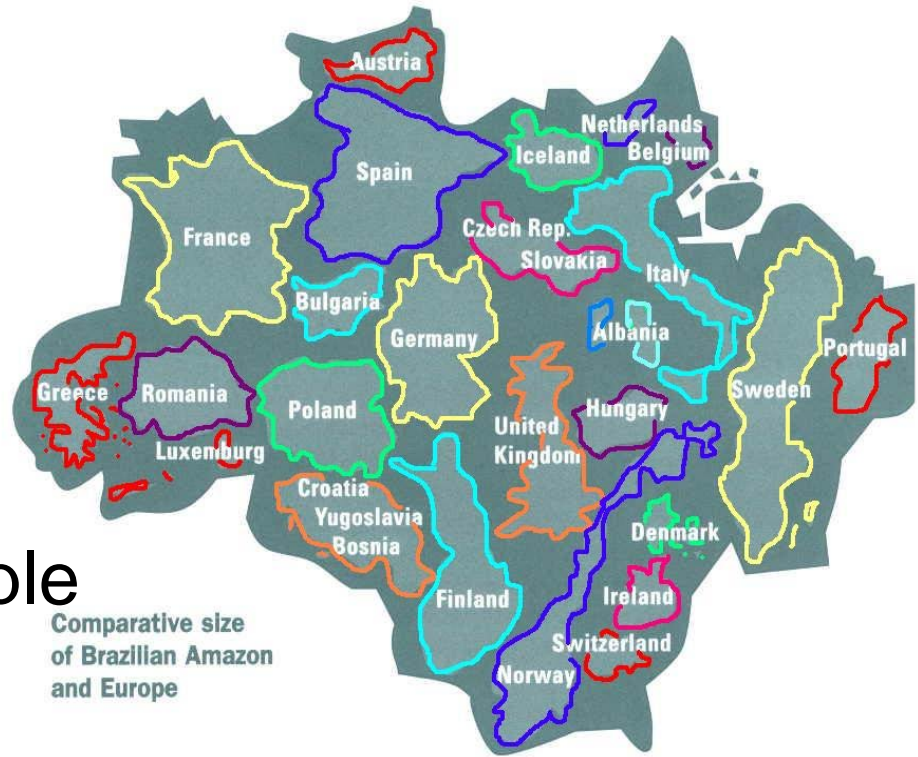# The Amazon challenge...

- 5.1 million Km^2 (60% of Brazil)

- 24 million people (12% of Brazil's population)

- 350,000 indigenous people

- 70% urban population

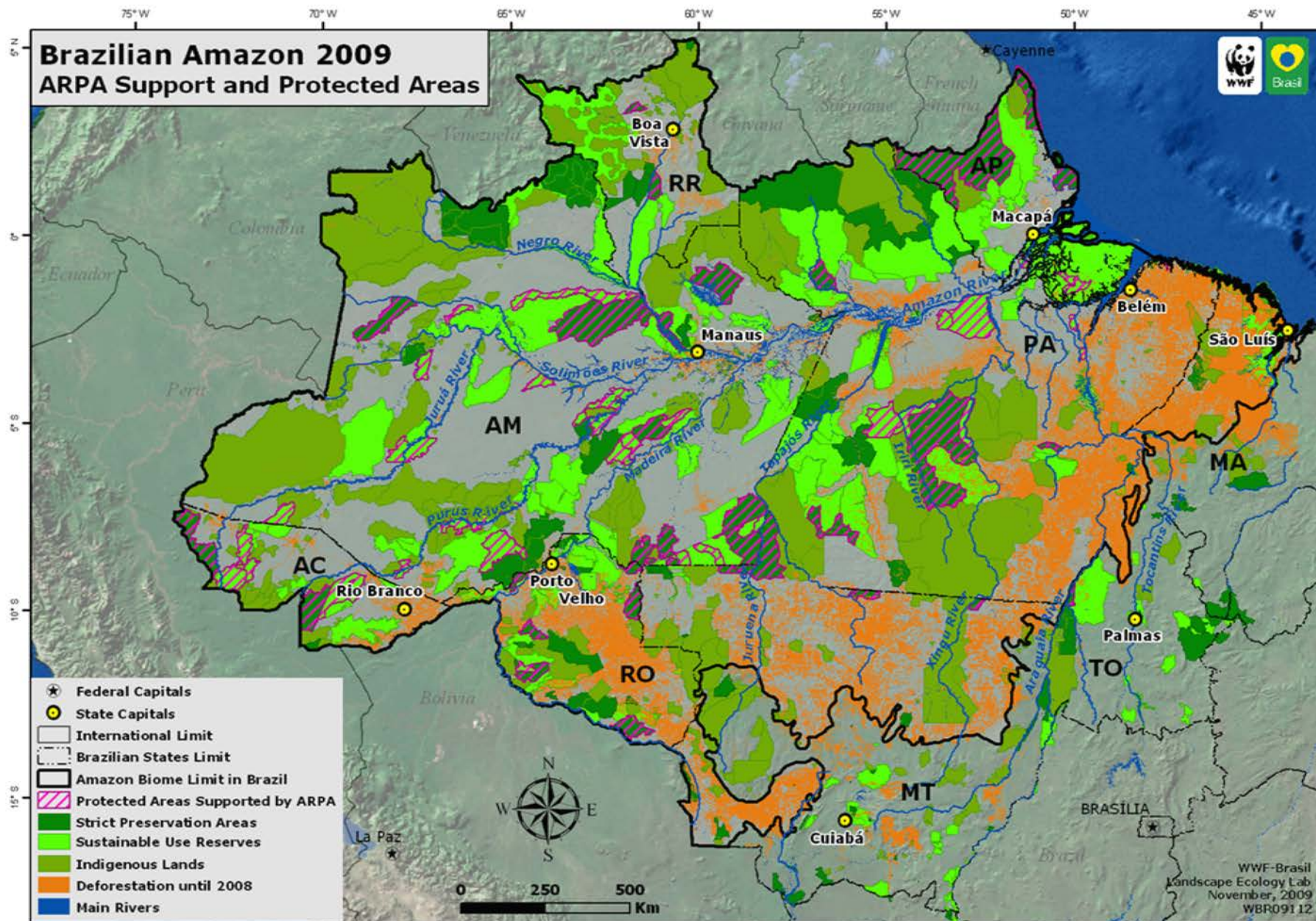- 46% below poverty line (2nd poorest region)

Comparative size of Brazilian Amazon and Europe

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

Brazilian Amazon 2009
ARPA Support and Protected Areas

Legend:
- ★ Federal Capitals
- ⊙ State Capitals
- International Limit
- Brazilian States Limit
- Amazon Biome Limit in Brazil
- Protected Areas Supported by ARPA
- Strict Preservation Areas
- Sustainable Use Reserves
- Indigenous Lands
- Deforestation until 2008
- Main Rivers

0   250   500 Km

WWF-Brasil
Landscape Ecology Lab
November, 2009
WBR09112

2010

ARPA

250,000km2 of new Protected areas and 100,000km2 of Indigenous Lands demarcated

Deforestation in the Amazon
(1988 - 2013)

Source: INPE

Deforestation x GDP

Desmatamento na Amazônia x PIB

Emissions reductions

Redução de Desmatamento do PPCDAm
(Indicador R_PPCDAM) 1996-2005 (D7390/2010)

REDUÇÕES · EMISSÕES · MÉDIA DE EMISSÕES NA BASE COMPARATIVA
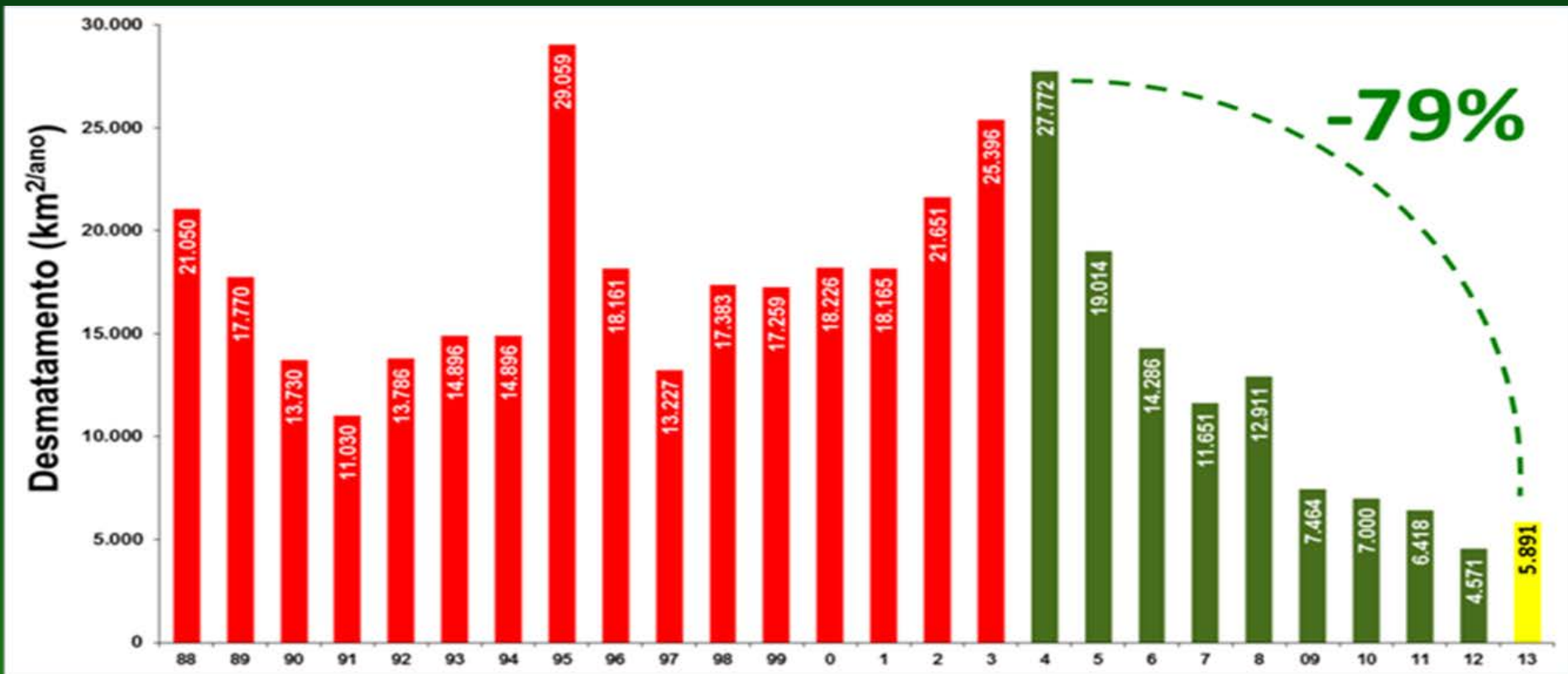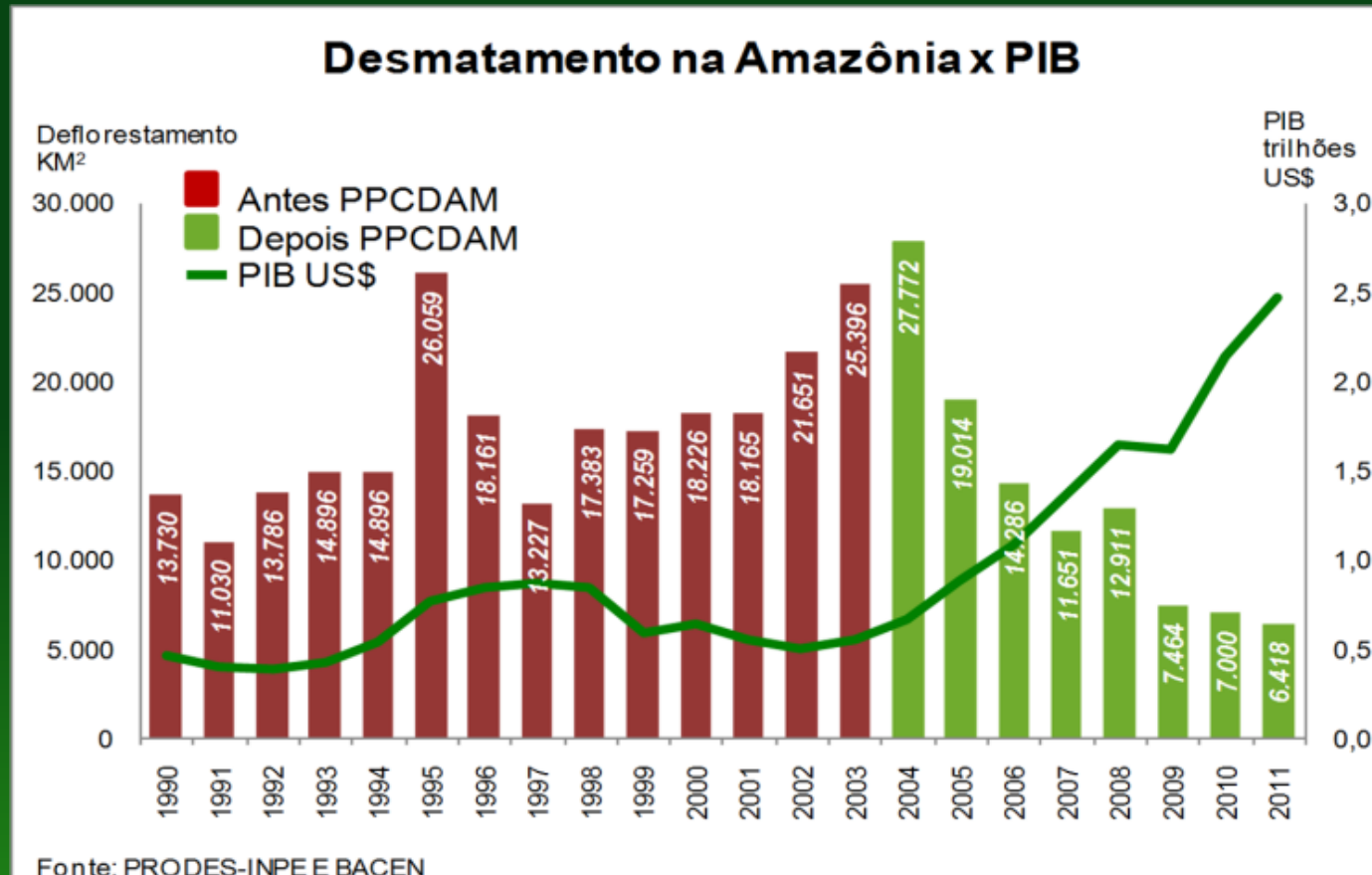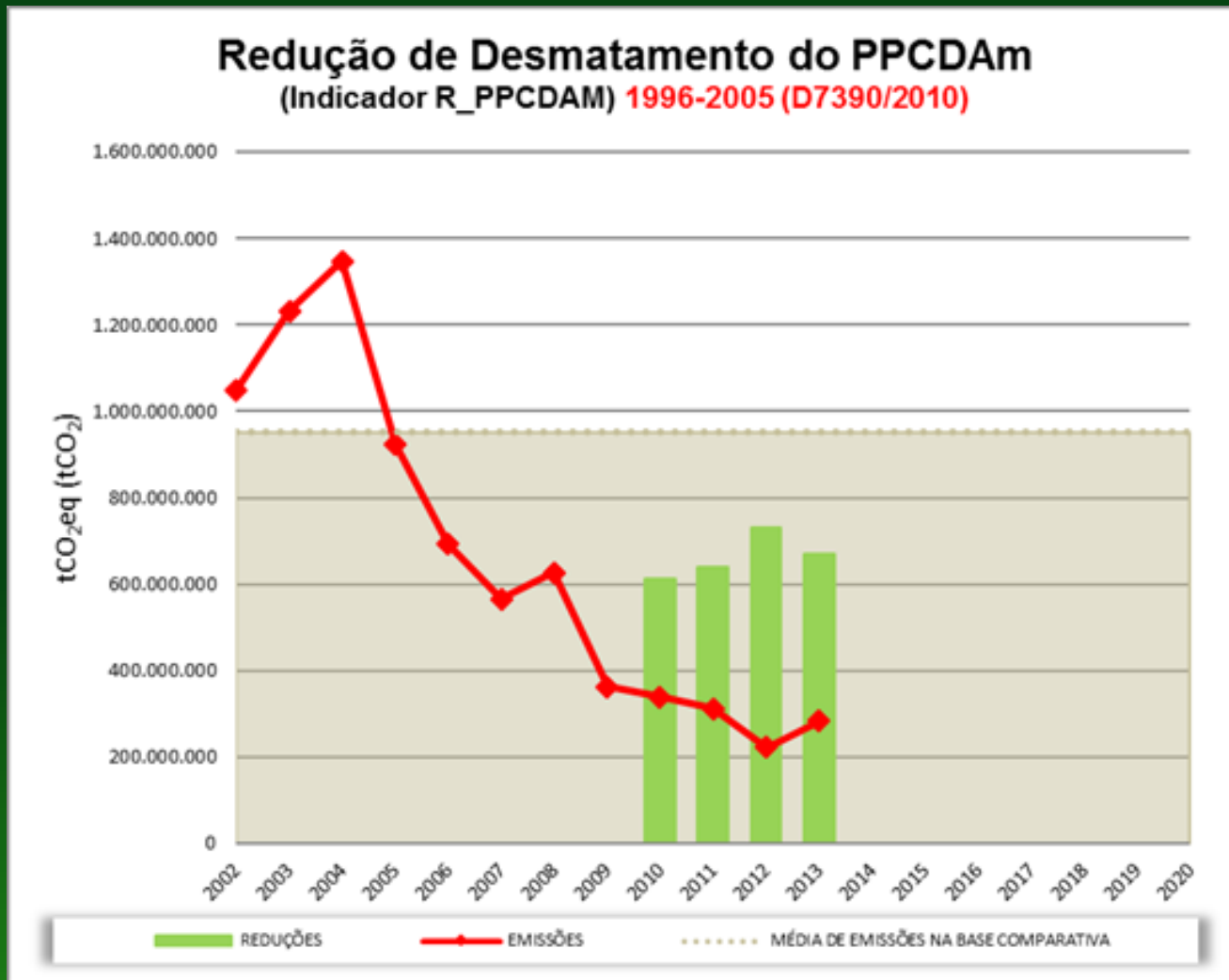
79 % reduction of deforestation = 3.3 Gt CO_2 emissions avoided to the atmosphere

Agriculture (5%)

Planted pasture (66%)

Forest Regrowth (21%)

TerraClass 2010

0,2%   2,8%

18,2%

78,8%
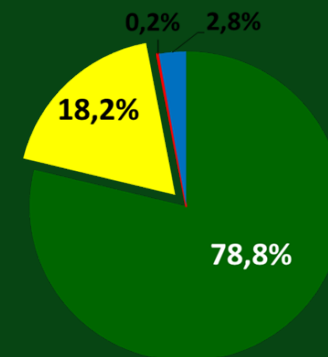
- FLORESTA
- DESFLORESTAMENTO ACUMULADO (1988 - 2009)
- DESFLORESTAMENTO 2010
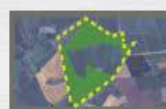- HIDROGRAFIA

CADASTRO AMBIENTAL RURAL

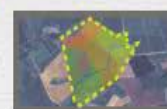ÁREA DO IMÓVEL ▸ SERVIDÃO ADMINISTRATIVA ▸ APP / USO RESTRITO ▸ COBERTURA DO SOLO ▸ RESERVA LEGAL ▸ ÁREA FINAL

8

Next Steps

- Expansion of CAR registry implementation and simplification of regulatory requirements

- Regular and frequent monitoring of selected areas that represent key land uses

- Funding mechanisms for regional consortia ("green municipalities") for transition to low-deforestation, high production land use systems.

- Development of incentives and tools for management of vast territories with mosaics of different types of protected areas and indigenous lands

" At first I thought I was fighting to save rubber trees.
Then, I was fighting to save the Amazon rainforest.
Now I realize I am fighting for humanity!"

Chico Mendes
Rubber tapper

Thank you!