

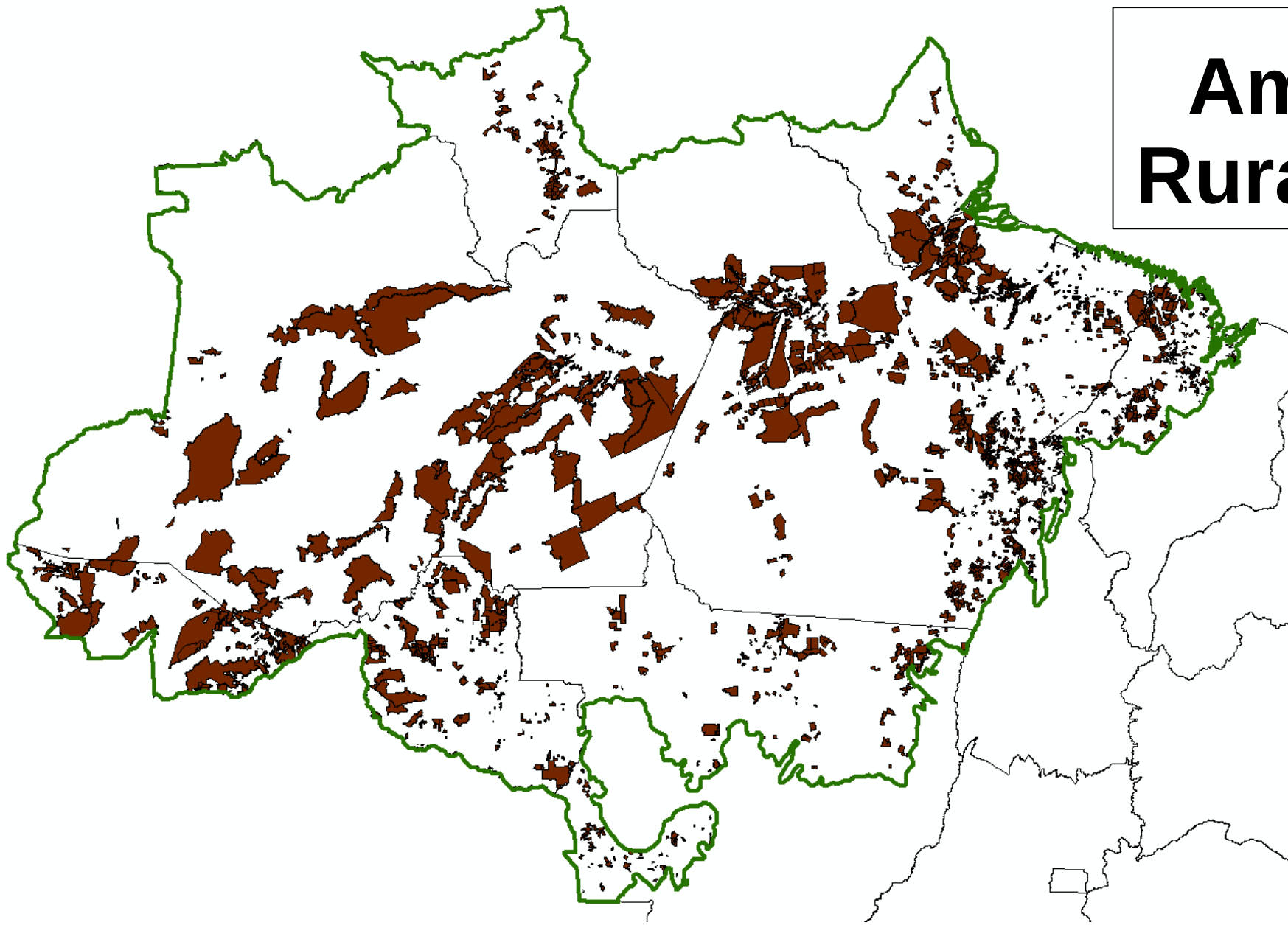
Brazil Experience with Low Carbon Agriculture

Tereza Cristina

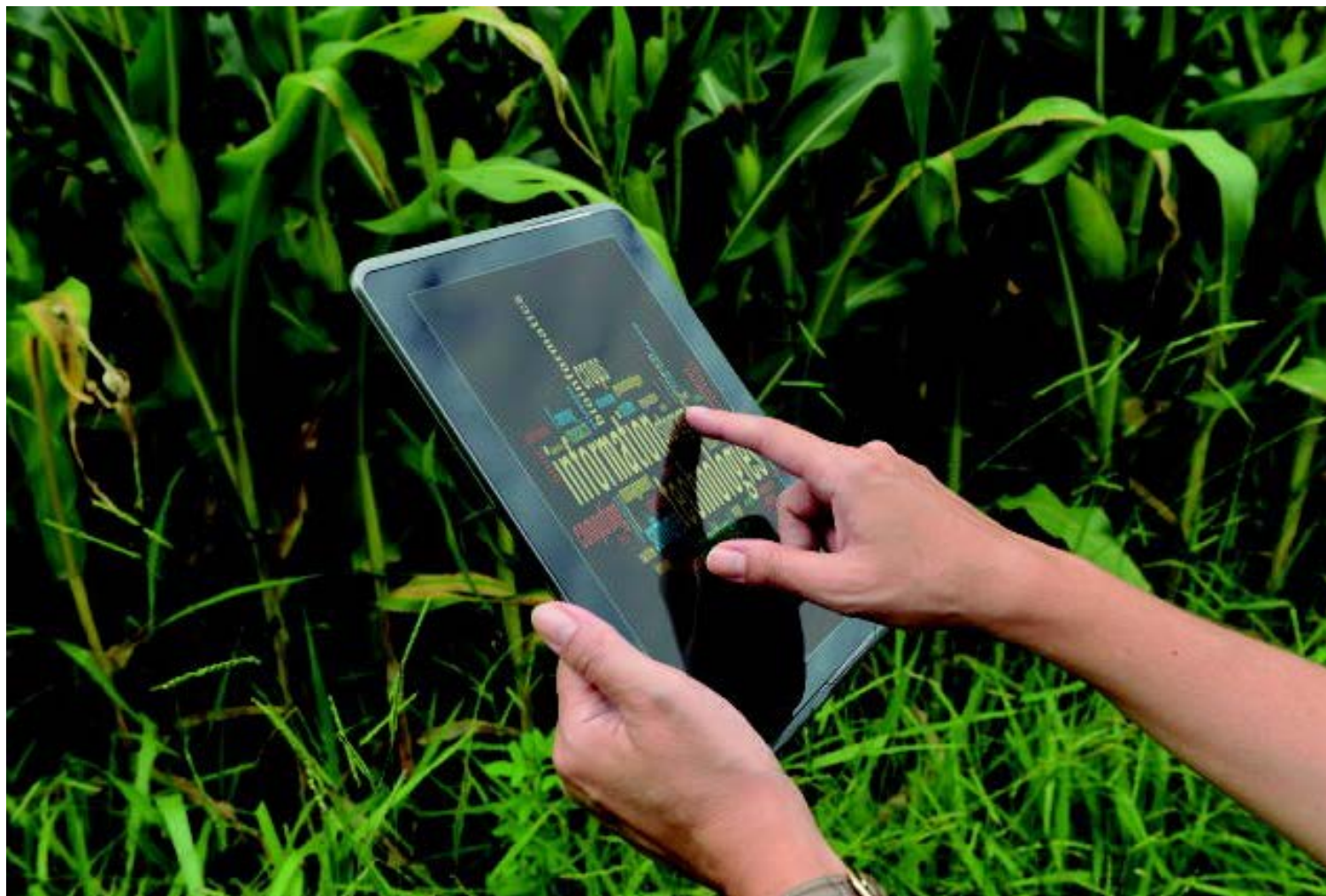
Minister of Agriculture, Livestock and Food Supply of Brazil

Wilson Center - November 19, 2019.

Amazon Biome Rural Settlements



- ✓ 500,000 families
- ✓ 2,310 settlements
- ✓ 62,726,427 ha



Innovation

**Agriculture
4.0**

Connectivity

**Technical
Assistance**

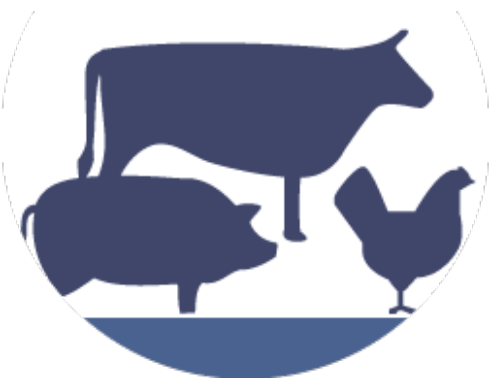
Planted Forest



No-till System



Recovery of Degraded Pastures



Manure Management
and Treatment



Biological Nitrogen
Fixation



Integrated Crop-Livestock-
Forest Systems

**US\$4.25 bi
in loans**

**59 million
hectares
improved**

**More than 200
million tons of
carbon
equivalent
removed**





Aftosa Free
International Recognition



ANIMAL AND PLANT HEALTH & INSPECTION



The image is a side-by-side comparison of two agricultural systems. On the left, a traditional pasture is shown with a few scattered trees and a small group of cattle grazing. On the right, a high-density forage crop field, likely sorghum, is shown. A dirt path runs between the two fields, and a wooden fence separates them. The sky is clear and blue.

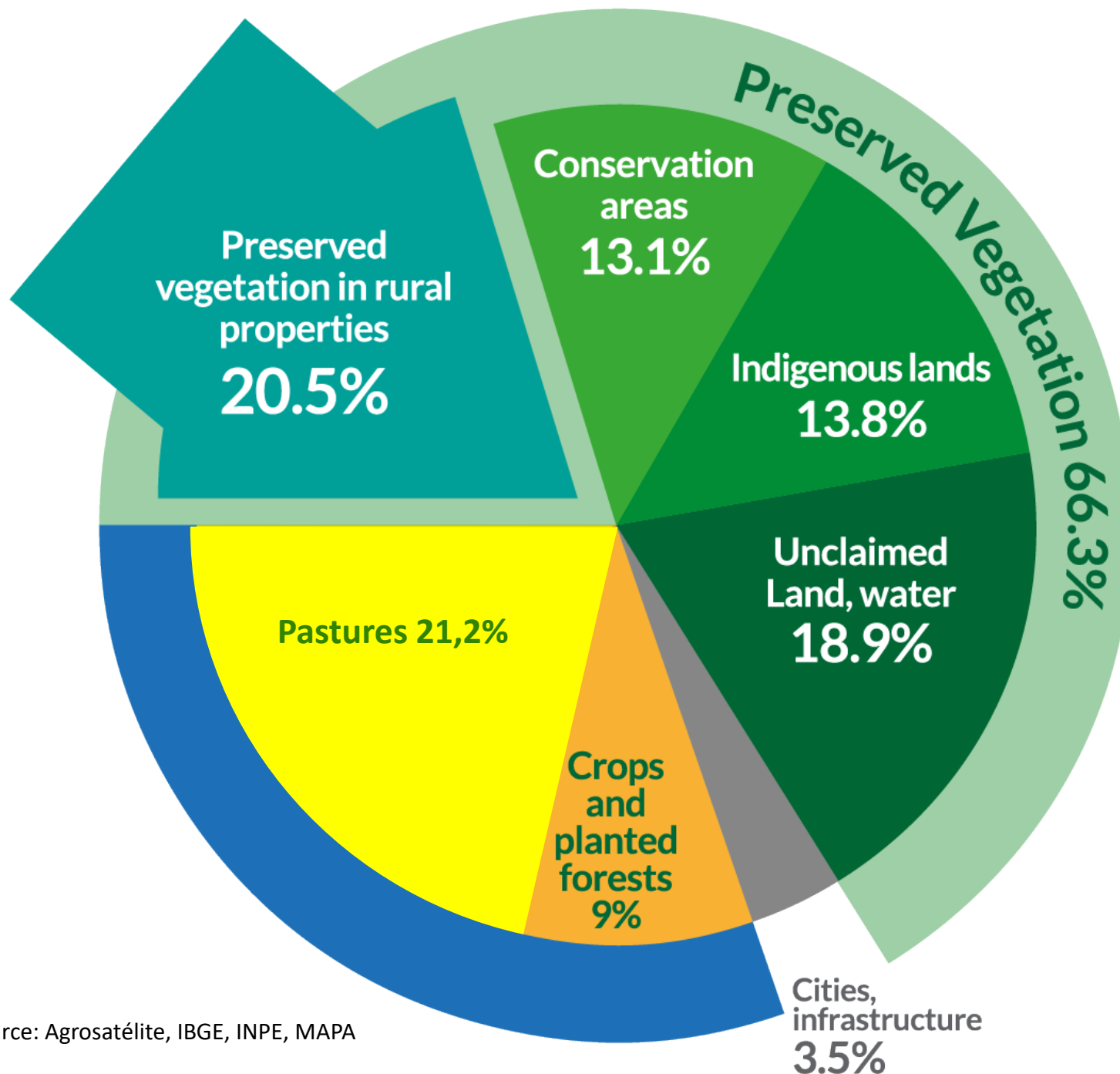
1 head / ha

50 kg of beef / ha / year

5 head / ha

500 kg of beef / ha / year

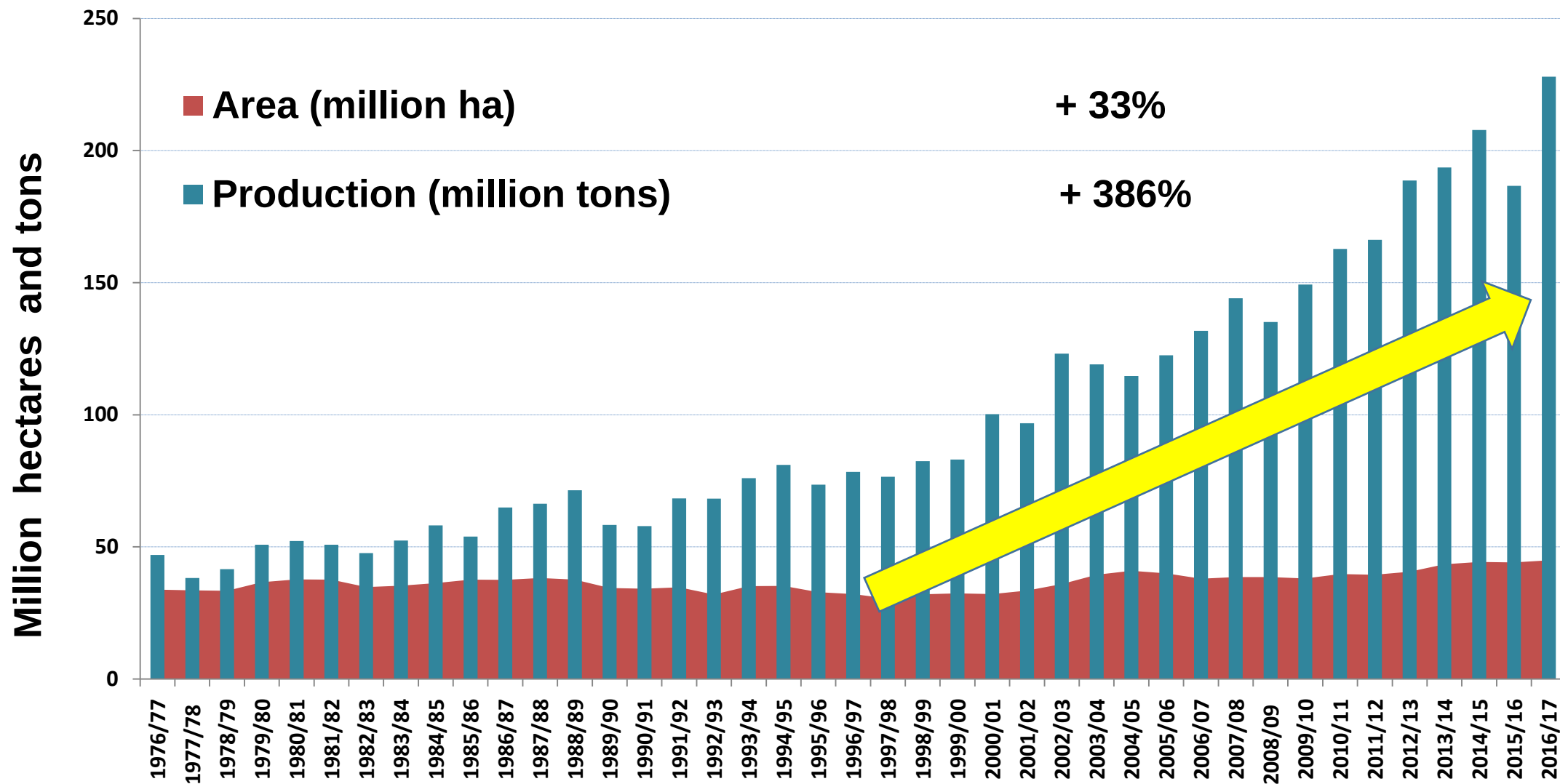
LAND USE

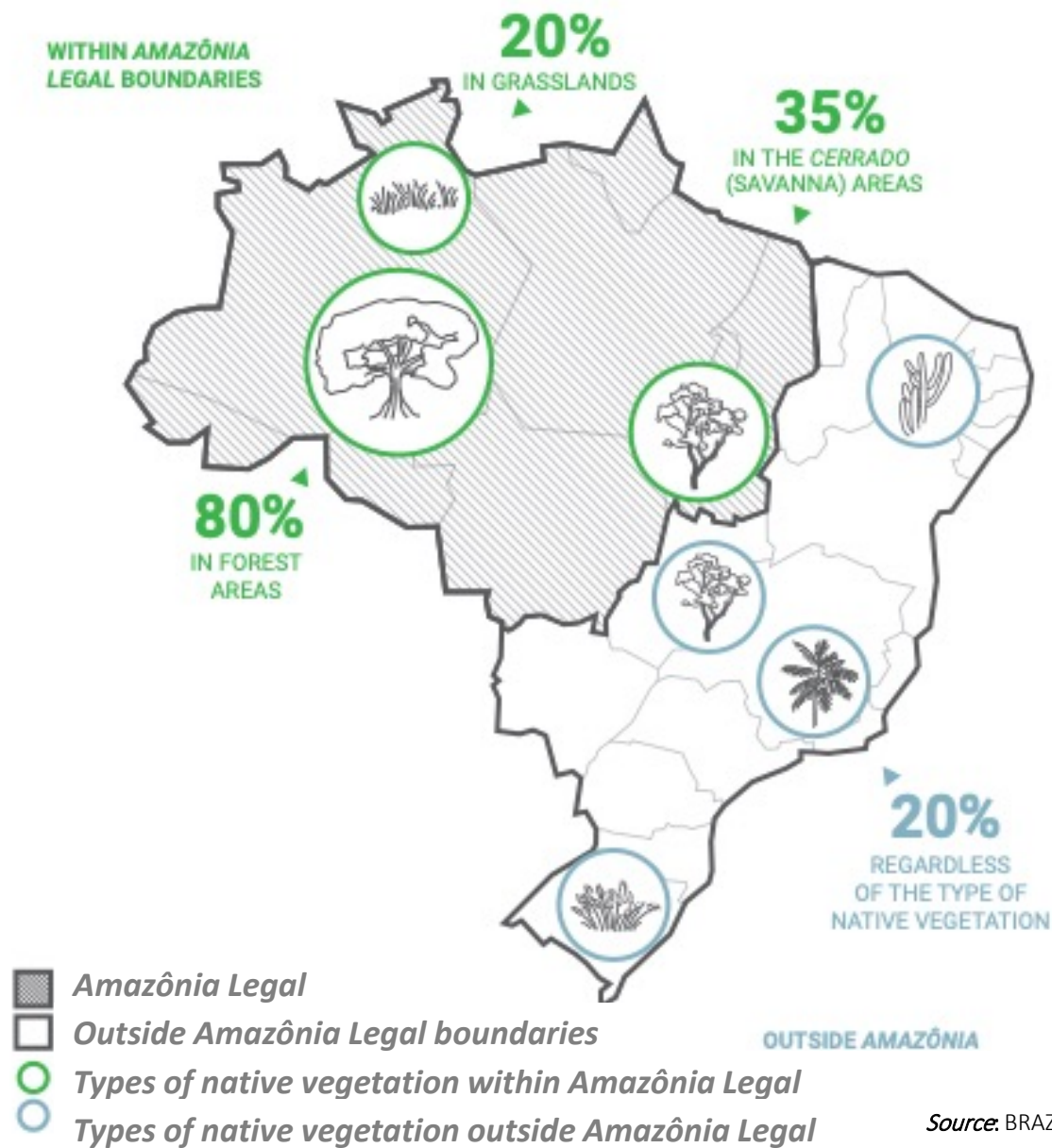


66,3% of preserved vegetation

PRODUCTIVITY

**Land spared from deforestation:
150 million hectares**





Legal Forest Reserve Percentage Based on Type of Vegetation and Geographical Location

Source: BRAZIL'S NEW FOREST CODE PART I: HOW TO NAVIGATE THE COMPLEXITY - Climate Policy Initiative



Thank you!
Obrigada!