



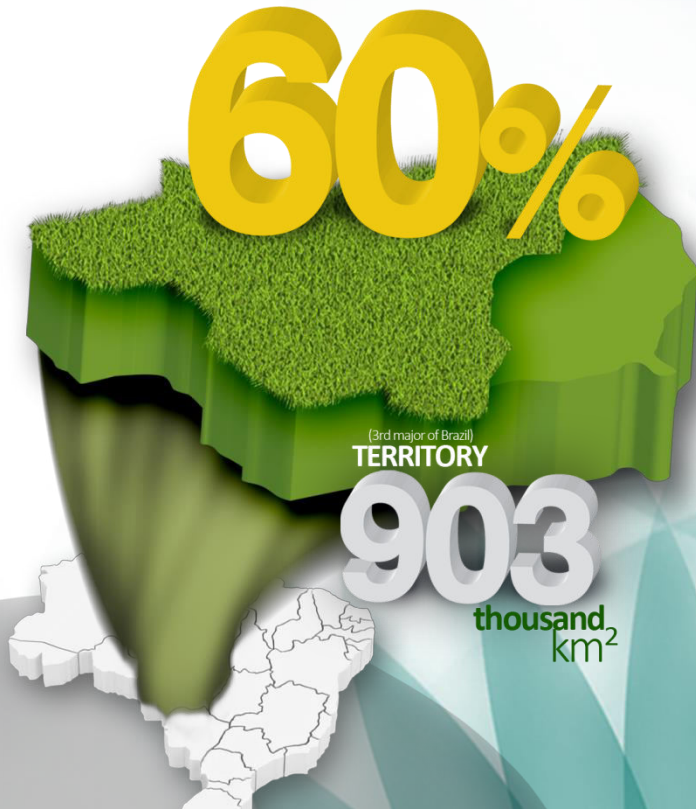
MATO
GROSSO
BRASIL COP21



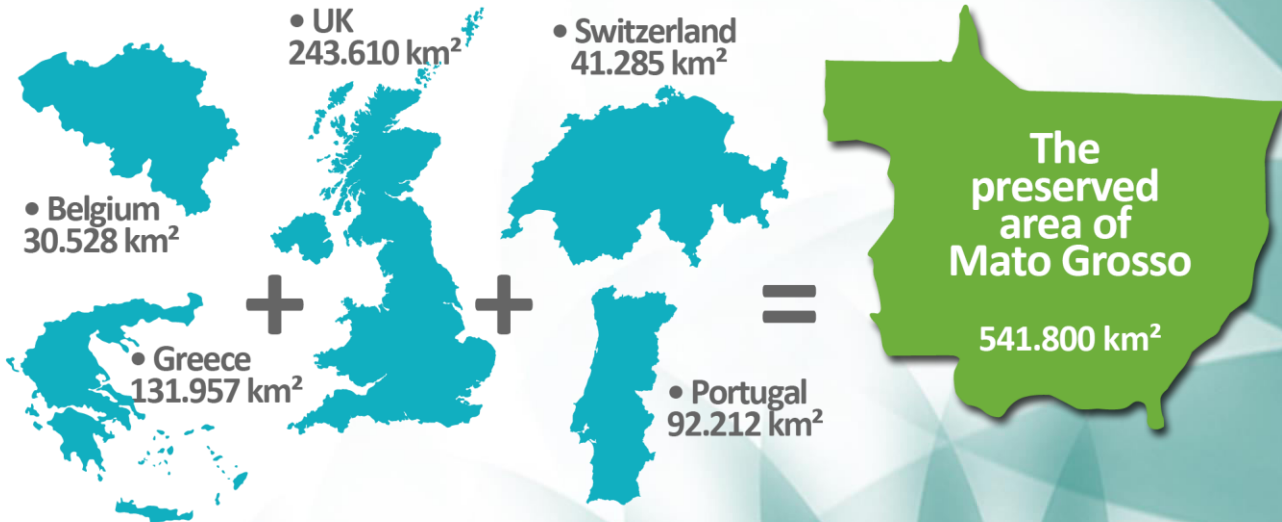
Produce, Conserve and Include

Strategy of Mato Grosso to reduce
Global Warming

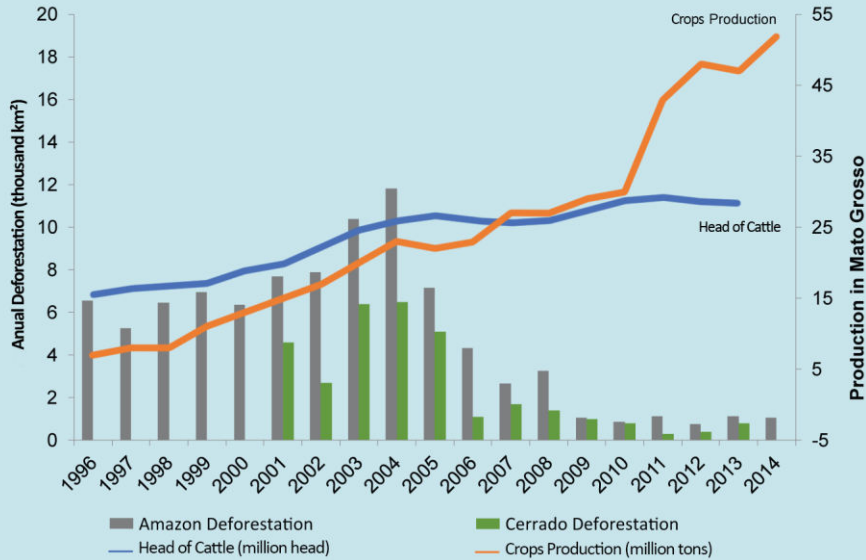
Mato Grosso is a Giant



Mato Grosso is a Giant



Mato Grosso's Achievements



Strategies of Mato Grosso

Produce

Growth and increased efficiency of cattle ranching, agricultural production and forestry

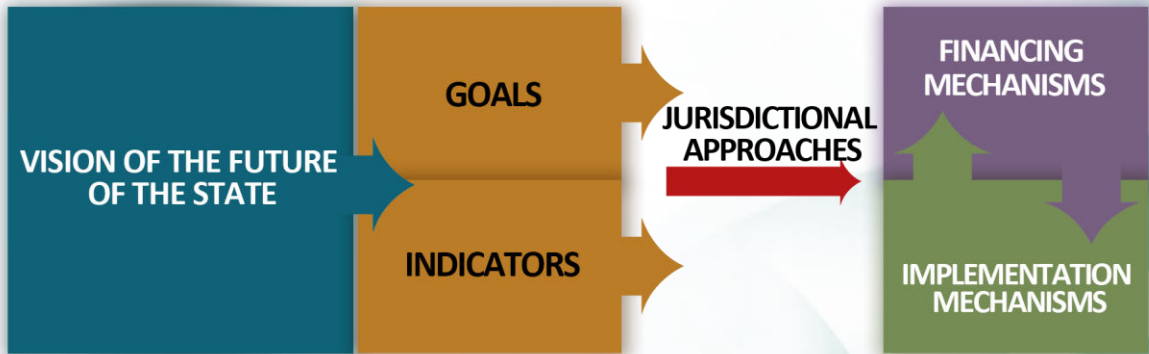
Conserve

Conservation of remaining native vegetation and restoration of deforested areas

Include

Socioeconomic Inclusion of smallholders farms and traditional population

Strategies of Mato Grosso



General GOALS by 2030

PRODUCE

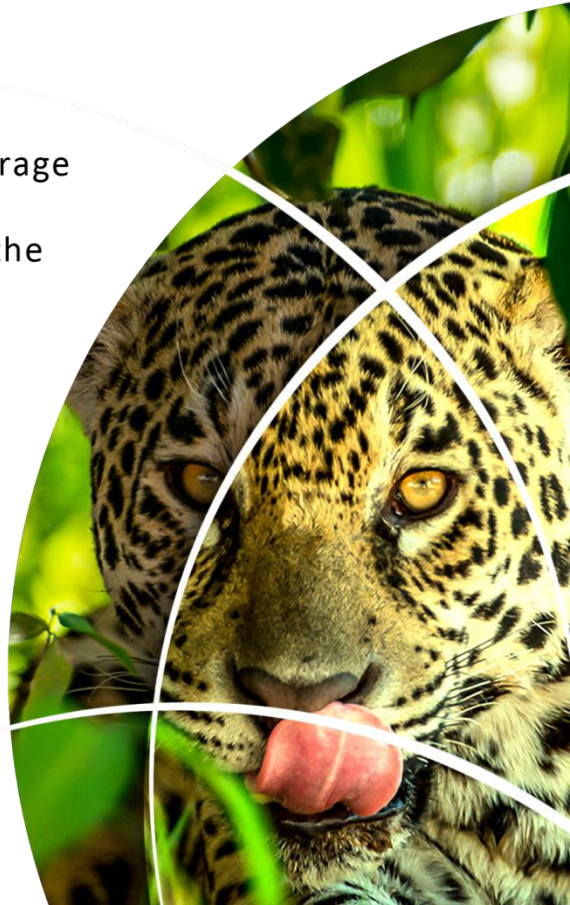
- Replace 6 million ha of pasture of low income for high productive crops (3 million ha of grains, 2,5 million ha of livestock and 500 thousand ha of planted forest).
- Reach 6 million ha of million há of native forest under sustainable forest management.



General GOALS by 2030

CONSERVE

- Maintain 60% of native vegetal coverage
- Reduce the deforestation in 90% in the Amazon Forest and 95% in savannah
- Eradicate illegal deforestation by 2020
- Compensate 1 million ha of areas likely to be legally cleared
- Recover 2,9 million ha of riparian area



General GOALS by 2030

INCLUDE

- Raise from 20% to 70% the participation of smallholders farms in the domestic food market
- Promote land regularization in 70% of smallholders farms lots
- Provide technical assistance to 100% of smallholders farms
- Raise the access to credit from R\$ 411 million to R\$ 1,3 billion/year



GENERAL GOAL

PRODUCE

Goals of Pasture Restoration

BRAZIL: 15 million/ha

MATO GROSSO: 6 million/ha

CONSERVE

Goals of Illegal Zero Deforestation

BRAZIL: 2030

MATO GROSSO: 2020

Goals of Restoration

BRAZIL: 12 million/ha

MATO GROSSO: 2,9 million/ha

DETAILED GOALS

PRODUCE

BEEF CATTLE

- *Restore 2,5 million ha of pasture areas of low productivity by 2030.*
- *Raise the productivity from 50 to 95 kg/ha/year by 2030.*

AGRICULTURE (soy, corn, cotton)

- *Expand the areas of crops, in areas of degraded pasture, from 9,5 to 12,5 million ha by 2030.*
- *Raise the production of crops from 50 to 92 Mton by 2030.*

NATIVE FOREST

- *Expand the area under sustainable forest management from 2,8 to 6 million ha by 2030.*

PLANTED FOREST

- *Expand planted forest areas in already opened areas from 317 thousand to 800 thousand ha by 2030.*
- *Raise timber production from 4,9 million m³ to 11,75 million m³ by 2030.*

DETAILED GOALS

CONSERVE

DEFORESTATION

- *Maintain 60% of native vegetal coverage*
- *Reduce in 90% deforestation in the forest, having as reference a baseline: 2001-2010 (PRODES) of 5.714 km, reaching 571 km²/year by 2030.*
- *Reduce in 95% deforestation in cerrado having as reference a baseline of 3.016 km² (SEMA), reaching 150Km²/year by 2030.*
- *Erradicate illegal deforestation by 2020.*
- *Conserve 1 million ha of those areas likely to be legally deforested.*

ENVIRONMENTAL REGULATION (Forestry Code)

- *Register 90% of the rural properties (CAR) by 2016.*
- *Validate 100% of declared CAR by 2018.*
- *Restore 1 million ha (100%) of degraded APP by 2030.*
- *Regulate 5,8 million ha (100%) of Legal Reserve, being 1,9 million ha by reconstitution by 2030.*

DETAILED GOALS

INCLUDE

PRODUCTION AND MARKET INCLUSION

- *Expand technical Assistance attendance and Rural Extension (ATER) of family farming from 30% to 100% of families by 2030.*
- *Raise participation of family farming in the intern market from 20% to 70% by 2030.*
- *Expand participation of family farming products in all institutional markets from 15% to 30% by 2030.*
- *Raise access to credit from R\$ 411 million to R\$ 1,3 billion/year by 2030.*

LAND REGULATION

- *Perform land regulation of 70% of lots of family farming by 2030.*

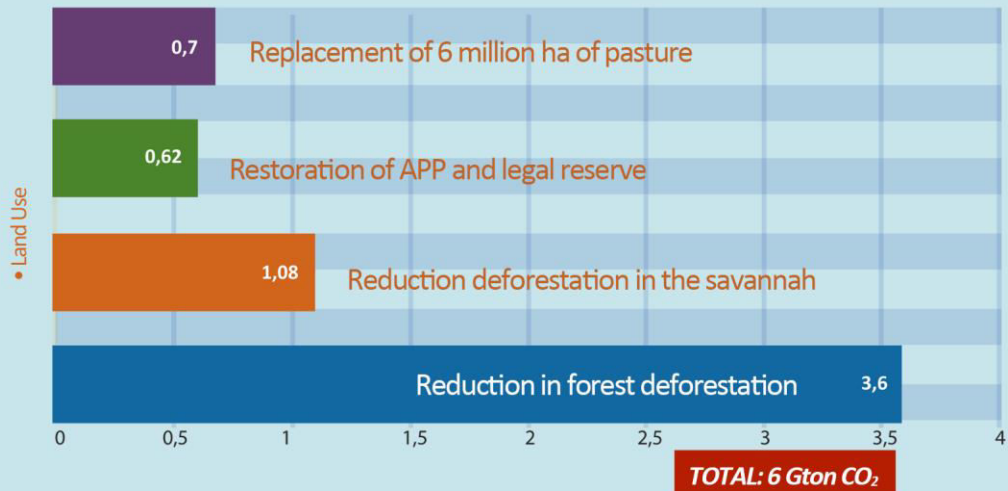
Necessary Investment within 15 years

High Social, Environmental and Economic Return



With appropriate support and investments, this strategy can produce 6 Gton CO₂ of emission reductions and removals by 2030

AVOIDED EMISSIONS AND CARBON SEQUESTRATION



Mato Grosso proposes to reduce 6 Gton CO₂ by 2030, which is equivalent to a year total USA emissions, 5,5 Gton CO₂

RESULTS

Increase in agricultural and forestry
GDP: \$ 1,3+ billion/year

GHG emissions reductions: 6 Gt CO₂ e
full forest code compliance

100,000 smallholder families included
Increase in
smallholder farmers' income: \$ 1.2 billion/year

WHAT IS GAINED WITH THE STRATEGY?

Mato Grosso's Strategy defines ambitious goals with indicators and metrics to monitor its implementation mechanisms and to build a robust economy of low carbon emission combined with environmental conservation and social equity.

With appropriate support and investments, this strategy can produce 6 Gt/CO₂ of emission reductions and removals by 2030.



GOVERNO DE
MATO GROSSO
ESTADO DE TRANSFORMAÇÃO

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