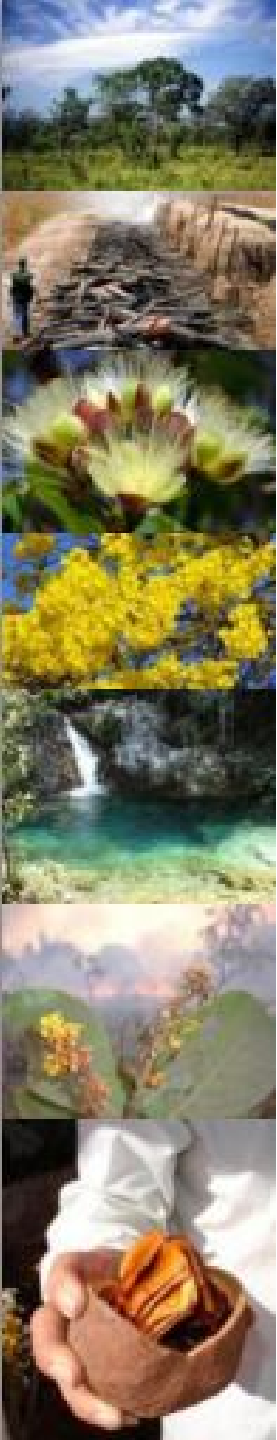




**BRAZIL INVESTMENT PLAN**

**FOREST INVESTMENT PROGRAM**

**Kinshasa, June 2015**

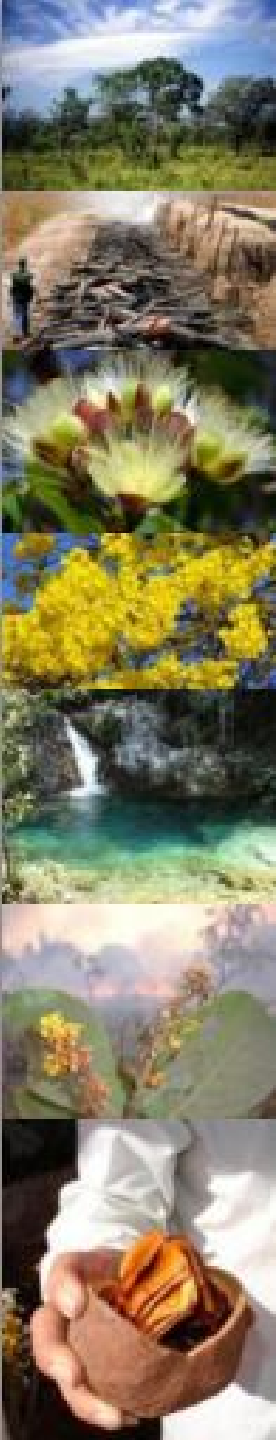


**Projects target  
area:  
Cerrado biome**

**Why?**

- **Connects all other biomes**
- **Key for biodiversity**
- **Key for agriculture**





# FIP – Brazil Investment Plan

Sustainable use and management of areas under anthropic influence		Production and management of Forest Information	
Enhance access to financial and technical resources for a Low Carbon Agriculture – LCA (ABC)		Generate Forest Information and make it all readily available through the National Forest Inventory – NFI (IFN) in the Cerrado	
Implement the Rural Environment Registry – RER (CAR) in the prioritised municipalities of Cerrado		Remote monitoring system to prevent forest fires and monitor vegetation cover in the Cerrado	
Project RER - FIP	Projeto LCA - FIP	Project NFI Cerrado - FIP	Projeto FIP- MCTI

Ministério do Meio Ambiente

Ministério da Agricultura Pecuária e Abastecimento

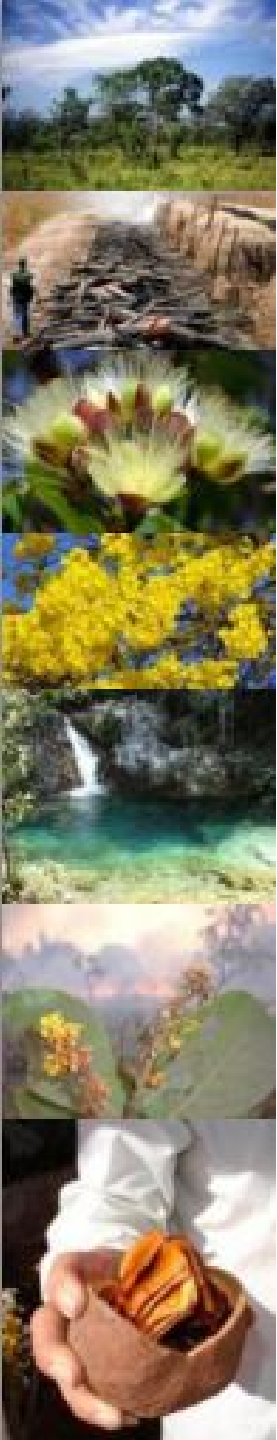


Ministério da Ciência, Tecnologia e Inovação

## DISTRIBUTION OF RESOURCES

Values in millions of dollars

Project	Loan	Donation	Counterpart	Total
RER – FIP CAR – FIP	32,50	-	17,50	50,00
FIP - LCA FIP – ABC	-	11,00	25,00	36,00
NFI Cerrado IFN – Cerrado	-	17,00	8,00	25,00
FIP - MCTI	-	9,50	6,50	16,00
Coordination	-	1,00	-	1,00
TOTAL	32,50	38,50	57,00	128,00

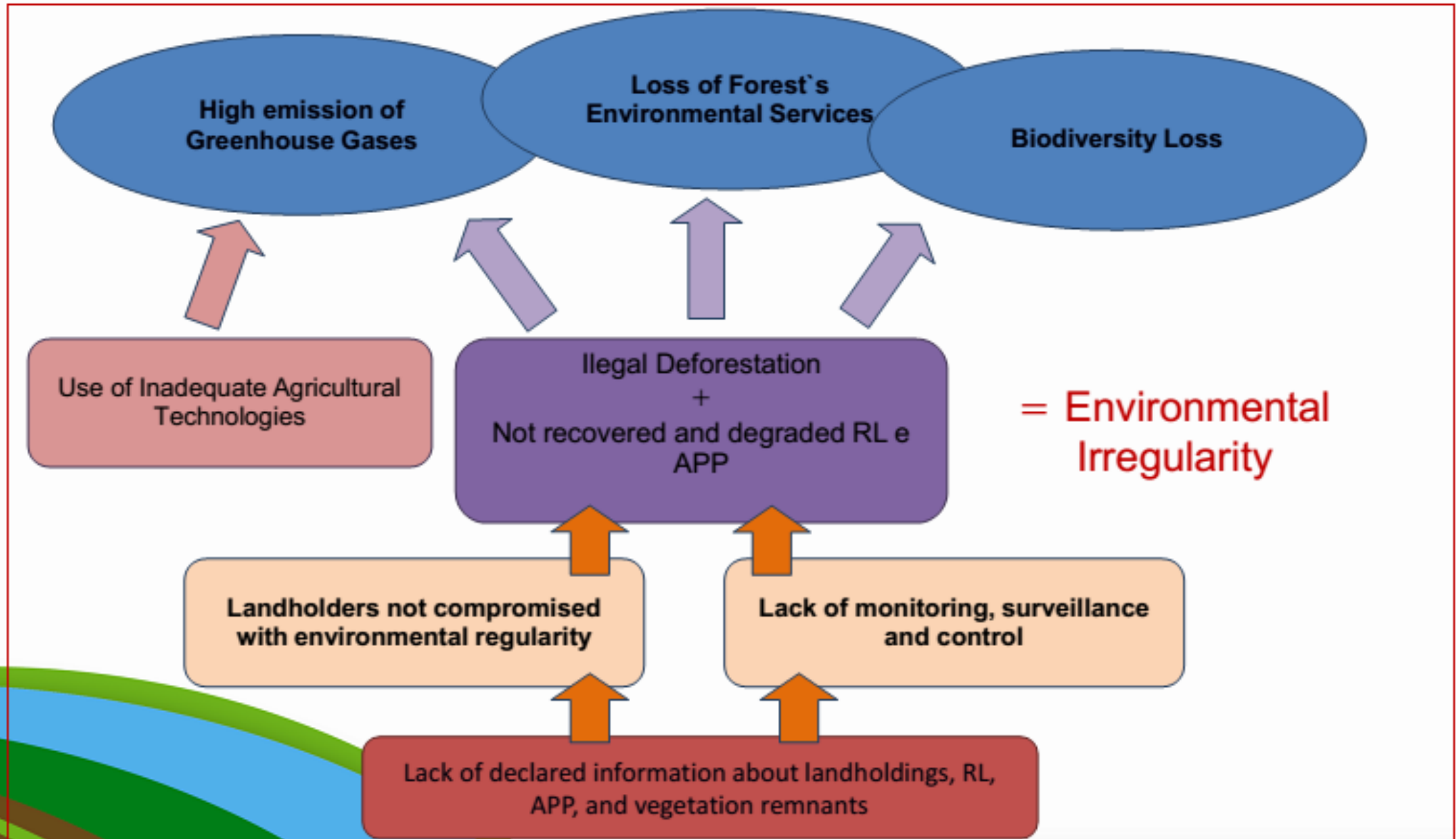


## Project RER-FIP



- Law nº 12.651/2012 – New Forest Code (*creates the CAR, Art. 29*)
- Information provided by rural producer (*size, location, land use, natural assets – “income tax like”*)
- Registration is mandatory (*it will affect the access to licenses and credit lines of public institutions*)
- Leverage the level of information about the land use (*control, plan and monitor environmental and economic issues*)

# Project RER-FIP

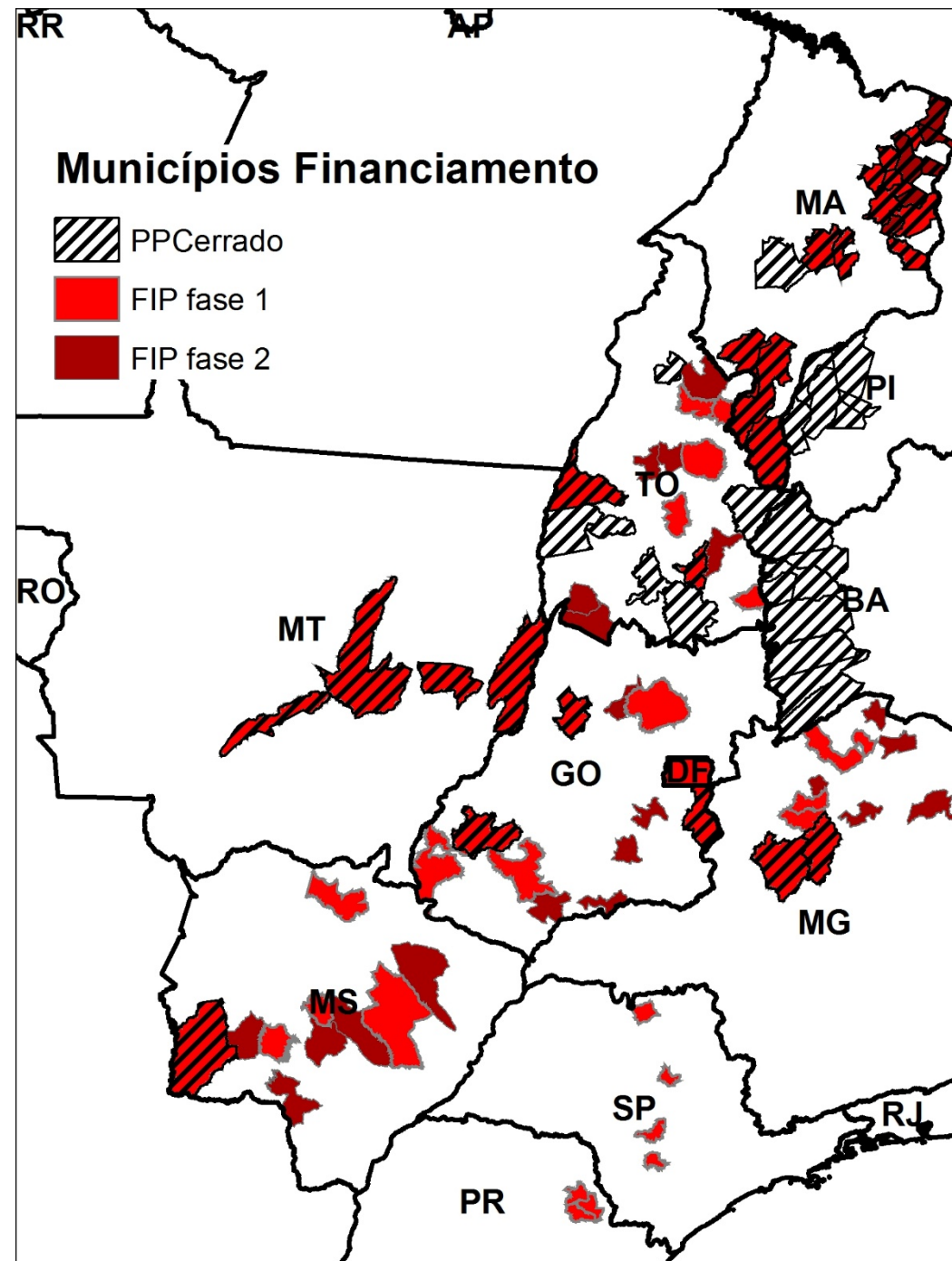




Projeto CAR-FIP



CADASTRO AMBIENTAL RURAL



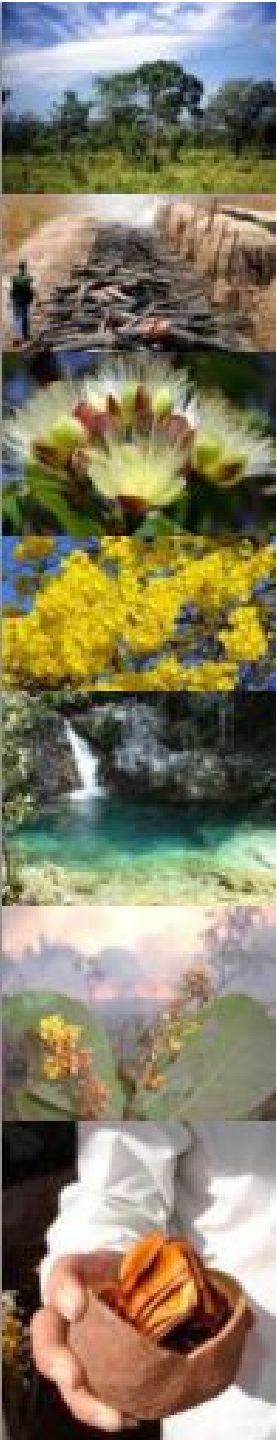
# Project RER-FIP – Implementation Strategy



- MMA: coordination, guidelines and compliance
- Training to all 27 state environmental agencies (*500 technical staff*)
- Partnership with rural associations and stakeholders (*small and large scale farmers – 10 national institutions and 220 technical staff*)
- E-learning (*cooperation with Federal University of Lavras to capacitate 30.000 people*)







# Project FIP-LCA

*Sustainable Production of Areas converted to Agricultural Use*



**Resources:** US\$11M donation + US\$25M from Federal Government

Project Monitoring Committee:

MAPA

EMBRAPA

SENAR

:

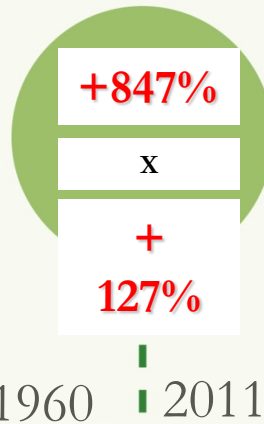
Executive Agency :

SENAR (Serviço Nacional de Aprendizagem Rural)  
(National Rural Learning Service)

Technical  
support:  
EMBRAPA

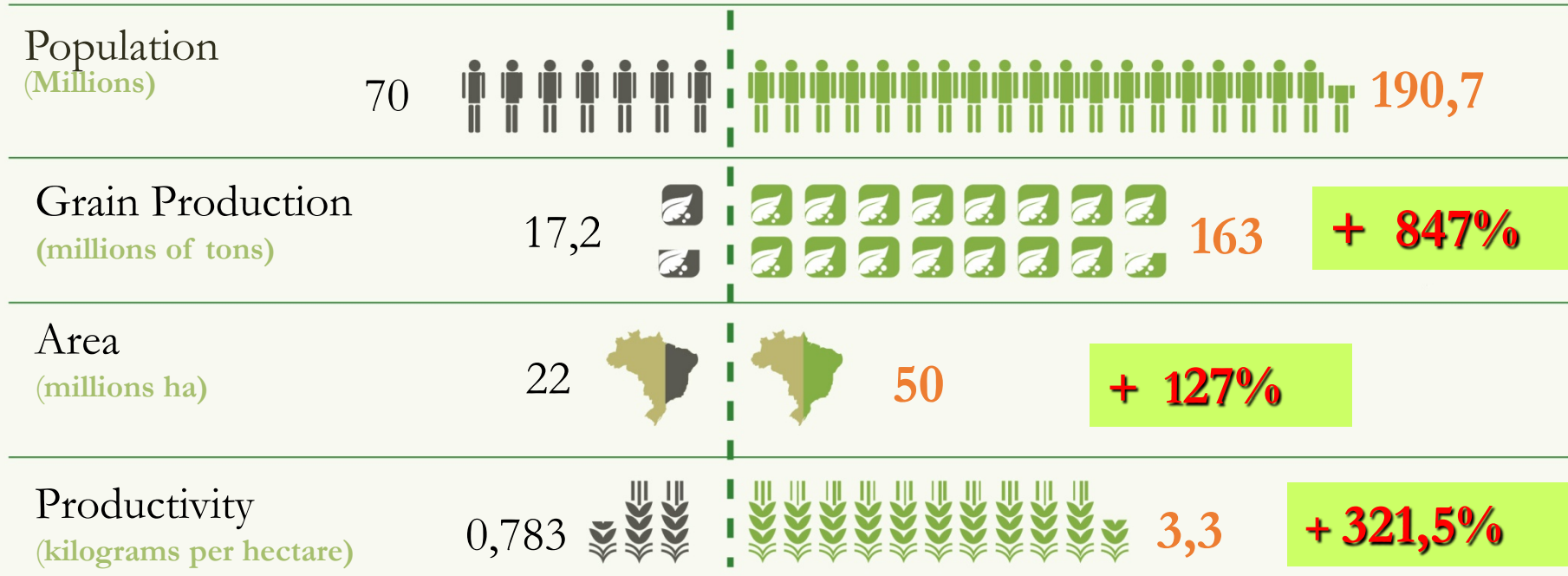
# Grain

Production



Whether Brazil kept the same technology of the 1960s, it would take over 145 million hectares of land,

Avoided deforestation



1 = 10 millions of inhabitants

1 = 10 millions of tons

1 = 300 kilograms per hectare

# Livestock

Cattle





+251%  
Cattle


+41%  
Area


If Brazil kept the same production technology of the 1960s, it would allocate more than 474 million hectares of land to pasture


Avoided deforestation

1960      2011

Cattle (million of cattle - animal)	58			204	<b>+ 251%</b>
Pasture area (million hectares)	122,3			172	
Productivity (heads per hectare)	0,47			1,2	

 1 = 10 millions of inhabitants

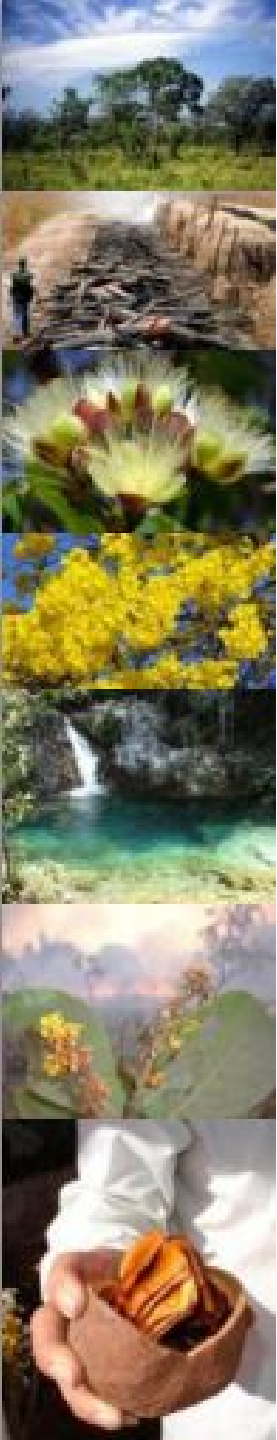
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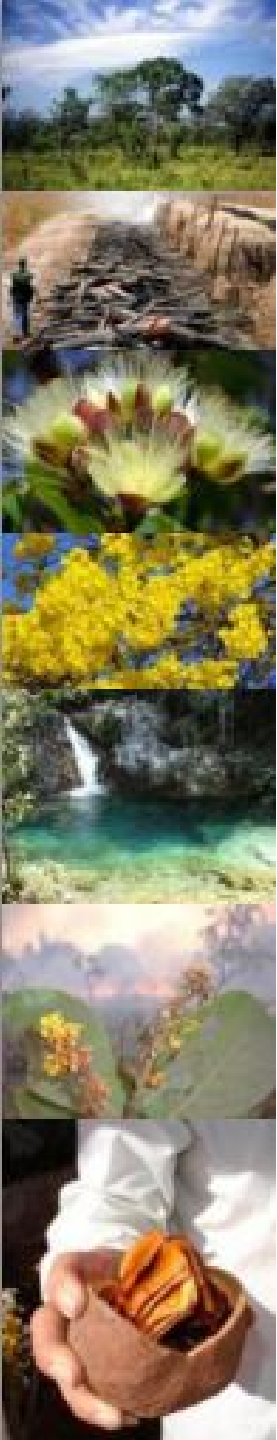
 1 = 300 kilograms per hectare

## Projeto FIP-LCA – Challenges to Agriculture



- World: Population growth
- Brazil: Increasing agricultural exports
- Consumption standard x Production standard
  
- **Recovery of Degraded Areas**
- **Elimination of illegal deforestation**
- **Rational and efficient use of water resources**





## Projeto FIP-LCA – Challenges to Agriculture



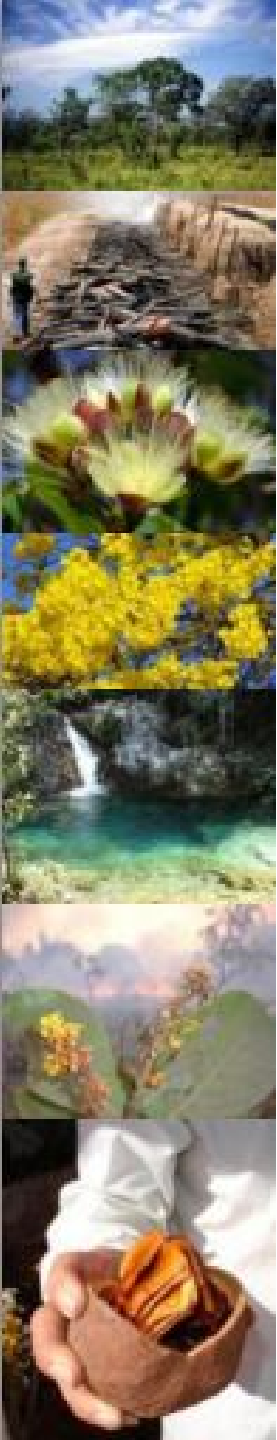
- Compensation for environmental services;
- Carbon Credit ;
- Demand for a safe and certified food;
- Sustainable Agriculture;
- Greenhouse Gases (GHGs);
- Global warming and climate change ; and
- Adaptation and Vulnerability Reduction.

## Project FIP-LCA



### Aims:

- Promote the adoption of low carbon emission technologies for mid-sized producers in Cerrado
- Capacity building of rural technical assistance professionals and institutions
- Technical Assistance to rural producers
- Collect, systematise and diffuse knowledge associated with low carbon technologies among all stakeholders

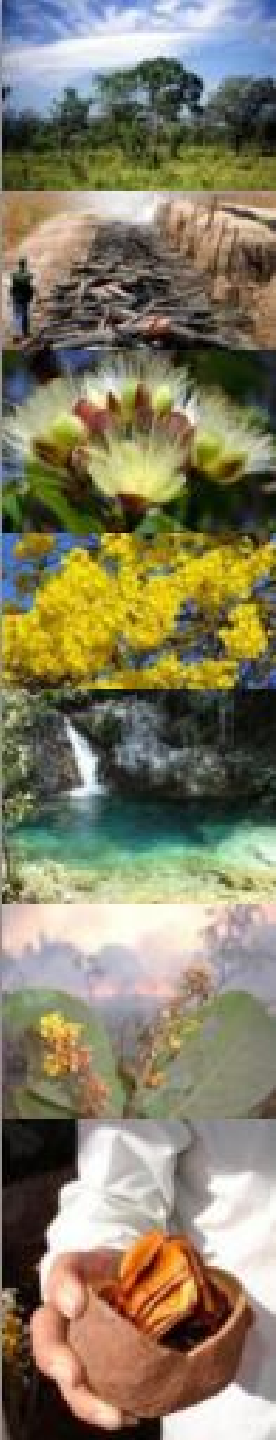


## Project FIP-LCA



### Main Targets:

- Offer 56 hour courses to 12,000 rural producers and managers in mid sized properties.
- Offer 142 hour courses to 160 rural technical assistance professionals
- Promote the adoption of LCA Technologies in 900,000 hectares
- Provide better financial conditions to those who adopt LCA Technologies:



## Project FIP-LCA – Financial Conditions



### 2015/16 Agriculture and Livestock Plan

Resources	R\$3bn (USD 1bn)
Credit Limit	R\$2M (USD 0.7M) for agriculture and livestock R\$5M (USD 1.7M) for planted forests
Terms	Up to 15 years First payment due after 3 years
Rates	7,5% (Baseline interest rate is 15%)

Since 2010/11:

- R\$ 10bn disbursed (USD 3.2bn)
- 30,000 contracts





GOVERNO FEDERAL  
**BRASIL**  
PAÍS RICO É PAÍS SEM POBREZA



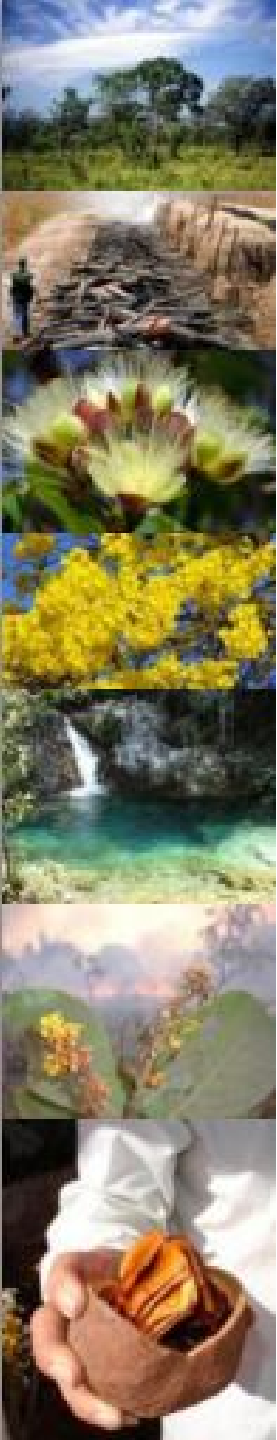
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e Inovação**

Ministério do  
**Meio Ambiente**



Ministério da  
**Agricultura Pecuária  
e Abastecimento**





Thank You

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