



## Development of systems to prevent forest fires and monitor vegetation cover in the Brazilian Cerrado (P143185)

LATIN AMERICA AND CARIBBEAN | Brazil | Environment & Natural Resources Global Practice | Recipient Executed Activities | Investment Project Financing | FY 2016 | Seq No: 2 | ARCHIVED on 09-Dec-2016 | ISR25895 |

Implementing Agencies: Ministerio da Ciencia, Tecnologia e Inovacao (MCTI), Fundacao de Desenvolvimento da Pesquisa

### Key Dates

#### Key Project Dates

Bank Approval Date:28-Mar-2016

Effectiveness Date:22-Jun-2016

Planned Mid Term Review Date:22-May-2018

Actual Mid-Term Review Date:--

Original Closing Date:29-May-2020

Revised Closing Date:29-May-2020

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The objective of the Project is to enhance the Member Country's institutional capacity in monitoring deforestation, in providing information on fire risks, and in estimating related GHG emissions in the Cerrado.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

### Components

Name

Deforestation monitoring:(Cost \$4.39 M)

Information systems on forest fire risk and GHG emissions estimation:(Cost \$3.31 M)

Project management, monitoring and evaluation:(Cost \$1.55 M)

### Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Satisfactory	● Satisfactory
Overall Implementation Progress (IP)	● Satisfactory	● Satisfactory
Overall Risk Rating	● Moderate	● Moderate



## Implementation Status and Key Decisions

This report follows the project launch mission, carried out on September 28-30, 2016.

The Project was approved by the Board on March 28, 2016; the Grant Agreement was signed on April 6, 2016, and effectiveness was declared on June 22, 2016.

FUNDEP and partners have been focused on institutional and administrative preparation. Technical activities have not yet started.

## Risks

### Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	● Moderate	● Moderate	● Moderate
Macroeconomic	● Moderate	● Moderate	● Moderate
Sector Strategies and Policies	● Low	● Low	● Low
Technical Design of Project or Program	● Low	● Low	● Low
Institutional Capacity for Implementation and Sustainability	● Moderate	● Moderate	● Substantial
Fiduciary	● Moderate	● Moderate	● Moderate
Environment and Social	● Low	● Low	● Low
Stakeholders	● Low	● Low	● Low
Other	--	--	--
Overall	● Moderate	● Moderate	● Moderate

## Results

### Project Development Objective Indicators



► Information on deforestation in the Cerrado is regularly made available to the public and relevant institutions (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	16-Dec-2015	27-May-2016	30-Sep-2016	22-Jan-2020

► Improved information on forest fire risk is publicly available (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	16-Dec-2015	--	30-Sep-2016	22-Jan-2020

► Real-time information on potential fire spread in the Cerrado is publicly available (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	16-Dec-2015	--	30-Sep-2016	22-Jan-2020

► GHG emissions estimates for the Cerrado available are publicly available (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	16-Dec-2015	--	30-Sep-2016	22-Jan-2020

► Government institutions in charge of policy, deforestation control and fire prevention using the information on deforestation and fire risk in the Cerrado (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	15.00



Date	16-Dec-2015	27-May-2016	30-Sep-2016	22-Jan-2020
------	-------------	-------------	-------------	-------------

## Overall Comments

## Intermediate Results Indicators

► Govt institutions provided w/ capacity buildg to improve mgt of forest resources (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	15.00
Date	16-Dec-2015	27-May-2016	30-Sep-2016	22-Jan-2020

► Annual deforestation maps on the scale of 1:250.000 are publicly available (PRODES-Cerrado) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	4.00
Date	16-Dec-2015	--	30-Sep-2016	22-Jan-2020

► Deforestation data on the scale of 1:500,000 is delivered daily to deforestation control agencies and monthly to the public (DETER-Cerrado) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	12.00
Date	16-Dec-2015	27-May-2016	30-Sep-2016	22-Jan-2020



► New fire risk information products are available to users on interactive communication devices (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	26.00
Date	16-Dec-2015	--	30-Sep-2016	22-Jan-2020

► On-line fire ignition and fire spread risk (FISC) data is published on INPE's website. (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	16-Dec-2015	27-May-2016	30-Sep-2016	22-Jan-2020

► Off-line fire ignition and spread risk (FISC) model is piloted in selected conservation areas (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	4.00
Date	16-Dec-2015	--	30-Sep-2016	22-Jan-2020

► Independent reports on the quality of the project products (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.00
Date	16-Dec-2015	27-May-2016	30-Sep-2016	22-Jan-2020

Overall Comments

**Data on Financial Performance**



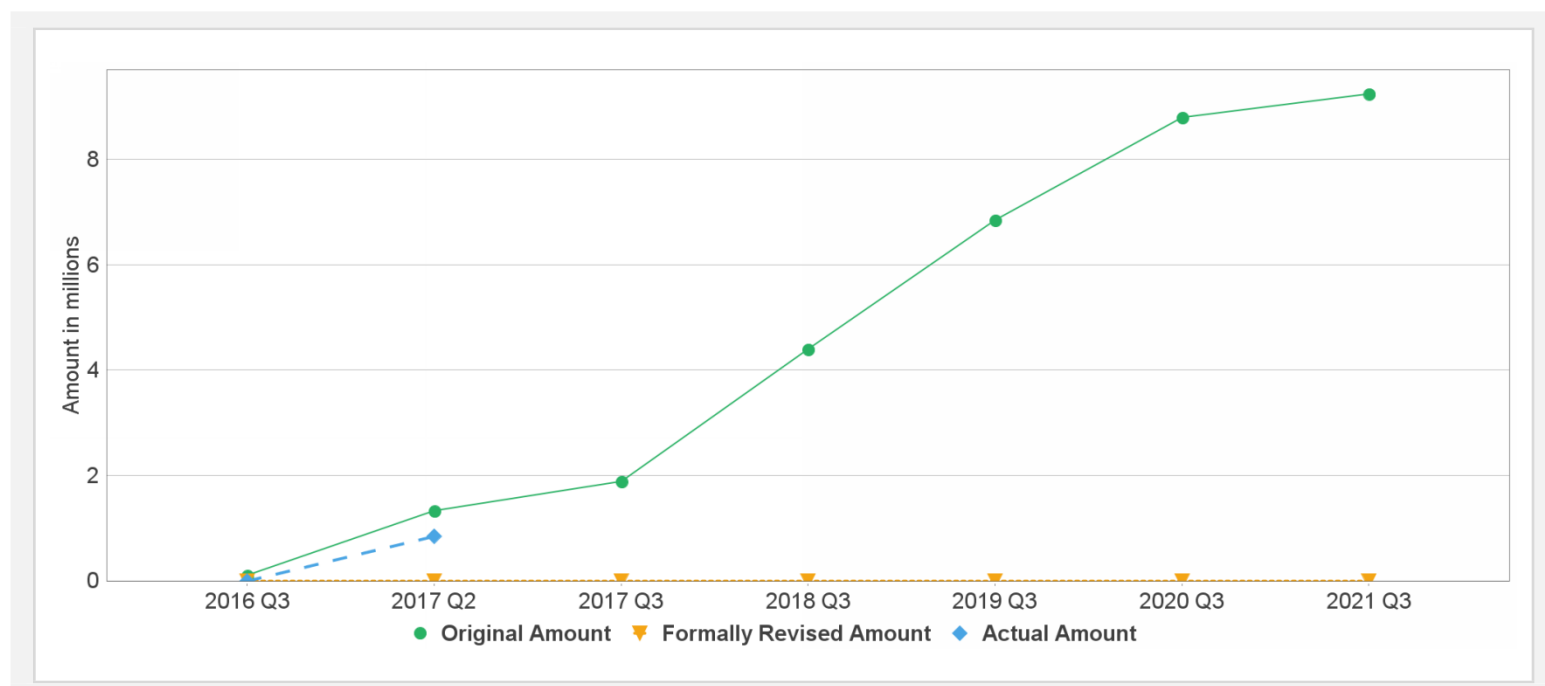
### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P143185	TF-A1787	Effective	USD	9.25	9.25	0.00	0.85	8.40	9%

### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P143185	TF-A1787	Effective	28-Mar-2016	06-Apr-2016	22-Jun-2016	29-May-2020	29-May-2020

### Cumulative Disbursements



### Restructuring History

There has been no restructuring to date.

### Related Project(s)

There are no related projects.

