



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: 1 | ARCHIVED on 13-Jun-2016 | ISR23844 |

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:--

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 |
| Overall Implementation Progress (IP) | -- | ● Satisfactory |
| Overall Risk Rating | -- | ● Moderate |



Implementation Status and Key Decisions

The Project was approved by the Board on March 28, 2016; the Grant Agreement was signed on April 6, 2016. The Grantee, Fundacao de Desenvolvimento da Pesquisa (FUNDEP), is working on the documents required to declare the Project effective. The team expects to have this concluded by the end of June 2016, and start full speed implementation in July 2016.

Risks

Systematic Operations Risk-rating Tool

| Risk Category | Rating at Approval | Previous Rating | Current Rating |
|--|--------------------|-----------------|----------------|
| Political and Governance | ● Moderate | -- | ● Moderate |
| Macroeconomic | ● Moderate | -- | ● Moderate |
| Sector Strategies and Policies | ● Low | -- | ● Low |
| Technical Design of Project or Program | ● Low | -- | ● Low |
| Institutional Capacity for Implementation and Sustainability | ● Moderate | -- | ● Moderate |
| Fiduciary | ● Moderate | -- | ● Moderate |
| Environment and Social | ● Low | -- | ● Low |
| Stakeholders | ● Low | -- | ● Low |
| Other | -- | -- | -- |
| Overall | ● 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 | Y |
| Date | 16-Dec-2015 | -- | 27-May-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 | -- | 27-May-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 | -- | 27-May-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 | -- | 27-May-2016 | 22-Jan-2020 |

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

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



| | | | | |
|------|-------------|----|-------------|-------------|
| Date | 16-Dec-2015 | -- | 27-May-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 | 15.00 |
| Date | 16-Dec-2015 | -- | 27-May-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 | -- | 27-May-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 | 12.00 |
| Date | 16-Dec-2015 | -- | 27-May-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 | -- | 27-May-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 | 100.00 |
| Date | 16-Dec-2015 | -- | 27-May-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 | -- | 27-May-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 | 3.00 |
| Date | 16-Dec-2015 | -- | 27-May-2016 | 22-Jan-2020 |

Overall Comments

Data on Financial Performance



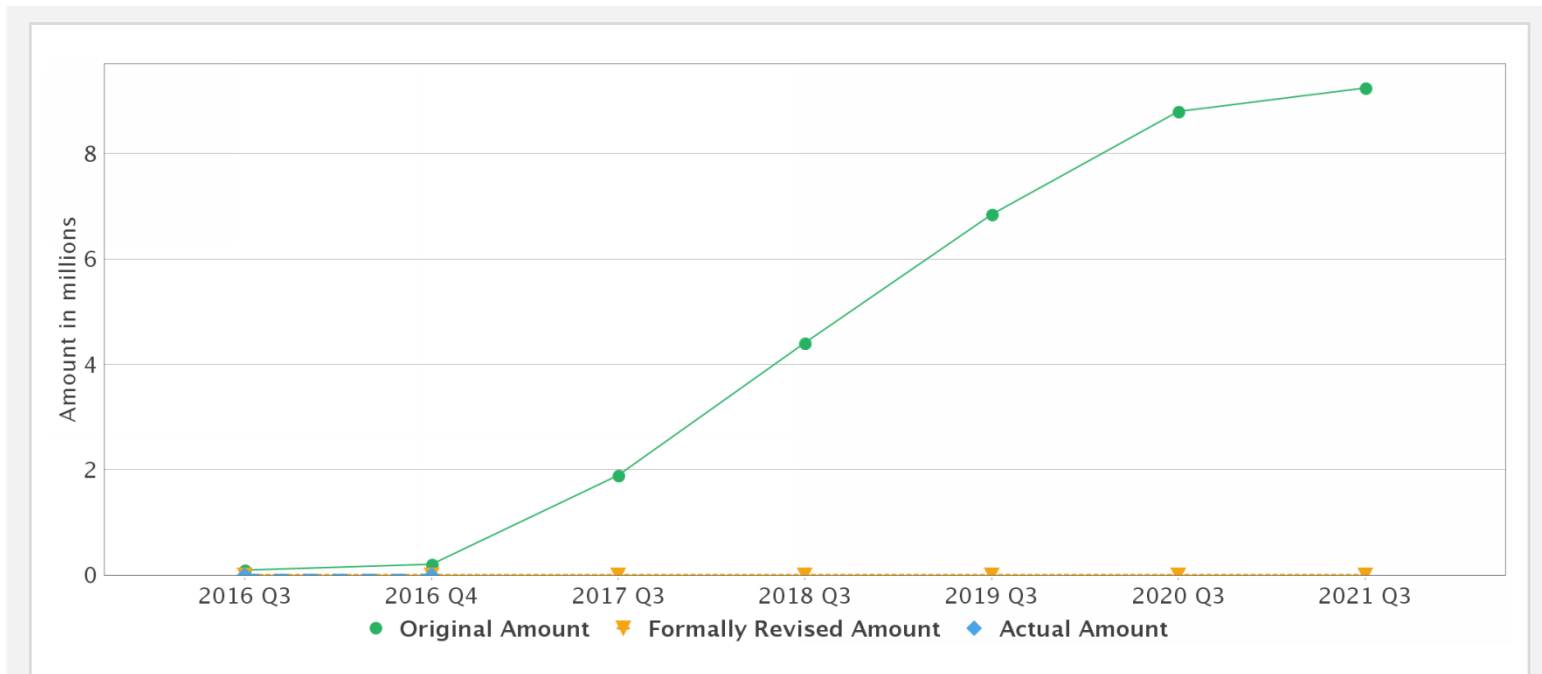
Disbursements (by loan)

| Project | Loan/Credit/TF | Status | Currency | Original | Revised | Cancelled | Disbursed | Undisbursed | Disbursed |
|---------|----------------|---------------|----------|----------|---------|-----------|-----------|-------------|-----------|
| P143185 | TF-A1787 | Not Effective | USD | 9.25 | 9.25 | 0.00 | 0.00 | 9.25 | 0% |

Key Dates (by loan)

| Project | Loan/Credit/TF | Status | Approval Date | Signing Date | Effectiveness Date | Orig. Closing Date | Rev. Closing Date |
|---------|----------------|---------------|---------------|--------------|--------------------|--------------------|-------------------|
| P143185 | TF-A1787 | Not Effective | 28-Mar-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.

