



Rural Environmental Cadastre and Fire Prevention in Bahia State Project (P143376)

LATIN AMERICA AND CARIBBEAN | Brazil | Environment & Natural Resources Global Practice |
 Recipient Executed Activities | Technical Assistance Loan | FY 2015 | Seq No: 3 | ARCHIVED on 18-Aug-2016 | ISR24694 |

Implementing Agencies: Secretaria do Meio Ambiente do Estado da Bahia - SEMA-BA

Key Dates

Key Project Dates

Bank Approval Date:12-Sep-2014

Effectiveness Date:17-Sep-2014

Original Closing Date:30-Jun-2016

Revised Closing Date:31-Dec-2017

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project's main objective is to promote the reduction of climate change impacts in the Cerrado of the west of the Bahia State by: (i) promoting the environmental regularization of landholdings in the targeted municipalities and support actions to promote recovery of environmental liabilities; and (ii) strengthening the State's capacity to prevent and combat forest fires through the integration of local actors and promoting the adoption of sustainable production practices in the targeted municipalities.

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

No

Components

Name

Overall Ratings

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

Implementation Status and Key Decisions

Launched in 2012, the Brazil Cerrado Climate Change Mitigation Trust Fund (BCCMTF) has been supporting activities and projects under a two-pronged approach: (i) promotion of farmers' compliance with the Brazilian Forest Code, based on strengthening the monitoring and enforcement of mandatory environmental reserve requirements through environmental registration of rural properties; and (ii) promotion of controlled burning, prevention of forest fires, replacement of burning with more sustainable agricultural practices, and strengthened firefighting capacity. The total



amount of the BCCMTF is £10,000,000 (Ten million British Pound Sterling).

To date, the BCCMTF comprises the following Projects, all under implementation:

1. **Rural Environmental Cadastre and Fire Prevention in Bahia Project, implemented by the Bahia State Secretariat of Environment (SEMA-BA).** The project's main activities are to: (i) assist rural landholders to bring their lands into compliance with the Forest Code by implementing the CAR (in the State of Bahia, the system is called CEFIR [*Catastro Estadual Florestal de Imóveis Rurais*/State Forestry Cadastre of Rural Properties], developed by the State as a broader system than the CAR and covering other environmental aspects); (ii) promote sustainable productive activities; and (iii) strengthen municipal governments' capacity to prevent and control forest fires.
2. **Rural Environmental Cadastre and Fire Prevention in Piauí Project, implemented by the Secretariat of Environment and Water Resources in Piauí.** The project's main activities are to (i) assist rural landholders to bring their lands into compliance with the Forest Code by implementing the CAR; (ii) promote sustainable productive activities; and (iii) strengthen municipal governments' capacities to prevent and control forest fires.
3. **Platform of Monitoring and Warning of Forest Fires in the Brazilian Cerrado Project, coordinated by National Institute of Spatial Research (*Instituto Nacional de Pesquisas Espaciais, INPE*).** The project's objective is to develop a system to monitor and analyze forest fires and produce fire alerts in priority States of the Cerrado Biome as a pilot system. The Project includes a reconfiguration of the structure of INPE's Burning System, both internally in INPE as well as in users' Internet access, by adapting the system to the state of the art in remote sensing, geoprocessing, information technology, and decision intelligence.
4. **ProCerrado Federal Project,** to be coordinated by the Department of Policies to Combat Deforestation of the Ministry of Environment, in partnership with its operational agencies. The project's main activity will be to build capacity in federal agencies to coordinate and execute actions to reduce deforestation and fires in the Brazilian Cerrado. The project will support the PPCerrado's coordination unit, the development of state strategies to recover degraded areas, and the development of the National Policy for Fire Management, Burning Control, and Combating and Preventing Forest Fires. It will also strengthen ICMBio's capacity to prevent and combat forest fires in critical protected areas within the Cerrado Biome.
5. **Non-Lending Technical Assistance - DEFRA Cerrado Climate Change Mitigation Program,** a Bank-Executed Technical Assistance Project, to provide the analytical work, technical assistance and training necessary for the Ministry of Environment and its partners to achieve the goal of mitigating Climate Change in, and improving environmental and natural resource management of the Cerrado biome as defined in the main TF Program (TF071814).

Regarding ProCerrado Bahia Project, the Bank team, accompanied by the Ministry of Environment's team, undertook a supervision mission on July 11-15, 2016.

During the supervision mission, the Government reaffirmed its commitment to implement the rural environmental cadaster and forest fire prevention and control in the selected municipalities; the mission undertook field visits and was able to see the great results that have been achieved so far. The action plan to accelerated implementation is being executed successfully and is being closely monitored.

In addition, the Bank team confirms that all safeguards are being complied with and procurement post-review and financial management missions were carried out.









Risks

Overall Risk Rating

Risk Category	Rating at Approval	Previous Rating	Current Rating
Overall	--	--	● Moderate



Comments

In view of the Political and economic crises in Brazil, the overall risk is rated Moderate.

Results

Project Development Objective Indicators

►Land users adopting sustainable land mgt. practices as a result of the project (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	8803.00	3376.00
Date	17-Sep-2014	14-Aug-2015	15-Jul-2016	31-Dec-2017

Comments

So far, target surpassed (261%).

It is important to highlight that the CAR implementation is a priority for the Federal Government. The State of Bahia has its own system (CEFIR, which is part of a bigger state system called SEIA) for the CAR registration, which is fully connected to the National system (SICAR) and operational.

The registration of small landholdings in the SEIA/CEFIR system started in 2015. The field activities are successfully being implemented.

Two firms were hired to work directly with landholders, landholder associations and Municipal governments to undertake the registration.

Field activities are being implemented through partnership with governments and local associations.

In addition to the selected municipalities mentioned in the PAD - Luis Eduardo Magalhães, São Desidério, Formosa do Rio Preto, and Riachão das Neves -, the following municipalities are also being benefited with the CAR registration, namely: Cocos, Jaborandi, Correntina, and Barreiras.

►Land area where sustainable land mgt. practices were adopted as a result of proj (Hectare(Ha), Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	96003.71	83902.00
Date	17-Sep-2014	14-Aug-2015	15-Jul-2016	31-Dec-2017

Comments

Target surpassed (114%). Although the target number of small landholdings cadaster in the SICAR surpassed on 227%, target area was surpassed only on 114%. This shows that in the selected municipalities, the familiar rural landholdings are smaller than expected.

►Hotspots observed in Areas of Permanent preservation and Legal Reserves registeres in the CEFOR , in targeted municipalities, as a result of the project (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
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Value	0.00	0.00	0.00	7.00
Date	17-Sep-2014	14-Aug-2015	11-Jul-2016	31-Dec-2017

Comments

This indicator will be measure in 2017. Field activities related to forest fire prevention (such as trainings, communication materials, materials and equipment) are being implemented.

►Number of actions to combat forest fires in the targeted municipalities as a result of the Project (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	53.00	150.00
Date	17-Sep-2014	14-Aug-2015	15-Jul-2016	31-Dec-2017

Comments

In 2015, 53 actions to combat forest fires were supported, meaning 35% of the project end target. This indicator will be updated in 2017, after the end of dry season.

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	--	2.00	2.00
Date	12-Sep-2014	--	15-Jul-2016	31-Dec-2017

Comments

INEMA and SEMA that are in charge of environmental management in the Sate of Bahia are being strengthened trough acquisition of equipment, goods (cars, computers, software, etc.) and training.



►Municipalities provided with CEFIR registration for small landholdings as a result of the Project (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	8.00	4.00
Date	17-Sep-2014	--	11-Jul-2016	31-Dec-2017

Comments

Target surpassed (200%). Currently, the project is working in 8 municipalities, supporting rural environmental cadaster for small landholdings.

►Demonstrative degraded areas where recovery practices have been implemented as a result of the Project (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	30.00
Date	17-Sep-2014	--	11-Jul-2016	31-Dec-2017

Comments

On target.

Under the current law, the State government has the responsibility to make the registry and the Plan for Recovery of Degraded Areas (PRAD) of all small rural properties, as well as offer technical support for the restoration of the natural vegetation, supporting the preparation of recovery of degraded plans for APPs and RLs in these landholdings located in the targeted municipalities.

In addition, the Project is establishing partnerships with local Universities and Municipalities to implement Demonstrative Units.

►People trained to prepare and assist with the PRAD (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	53.00	200.00
Date	17-Sep-2014	--	15-Jul-2016	31-Dec-2017

Comments

To date, 53 people were trained to prepare and assist with PRADs. This target is on track.



► People trained on techniques to prevent and fight forest fires (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	98.00	210.00	120.00
Date	17-Sep-2014	14-Aug-2015	15-Jul-2016	31-Dec-2017

Comments
Target surpassed (175%).

► People trained in alternatives to the use of fire under the Project. (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	270.00	160.00
Date	17-Sep-2014	07-May-2015	11-Jul-2016	31-Dec-2017

Comments
Target surpassed (168%).

► Targeted municipalities equipped to combat forest fires. (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	8.00	8.00
Date	17-Sep-2014	07-May-2015	15-Jul-2016	31-Dec-2017

Comments
Target on track. Eight municipalities are being strengthened for forest fire prevention and combat, through training events and equipment.

Overall Comments

Data on Financial Performance

Disbursements (by loan)

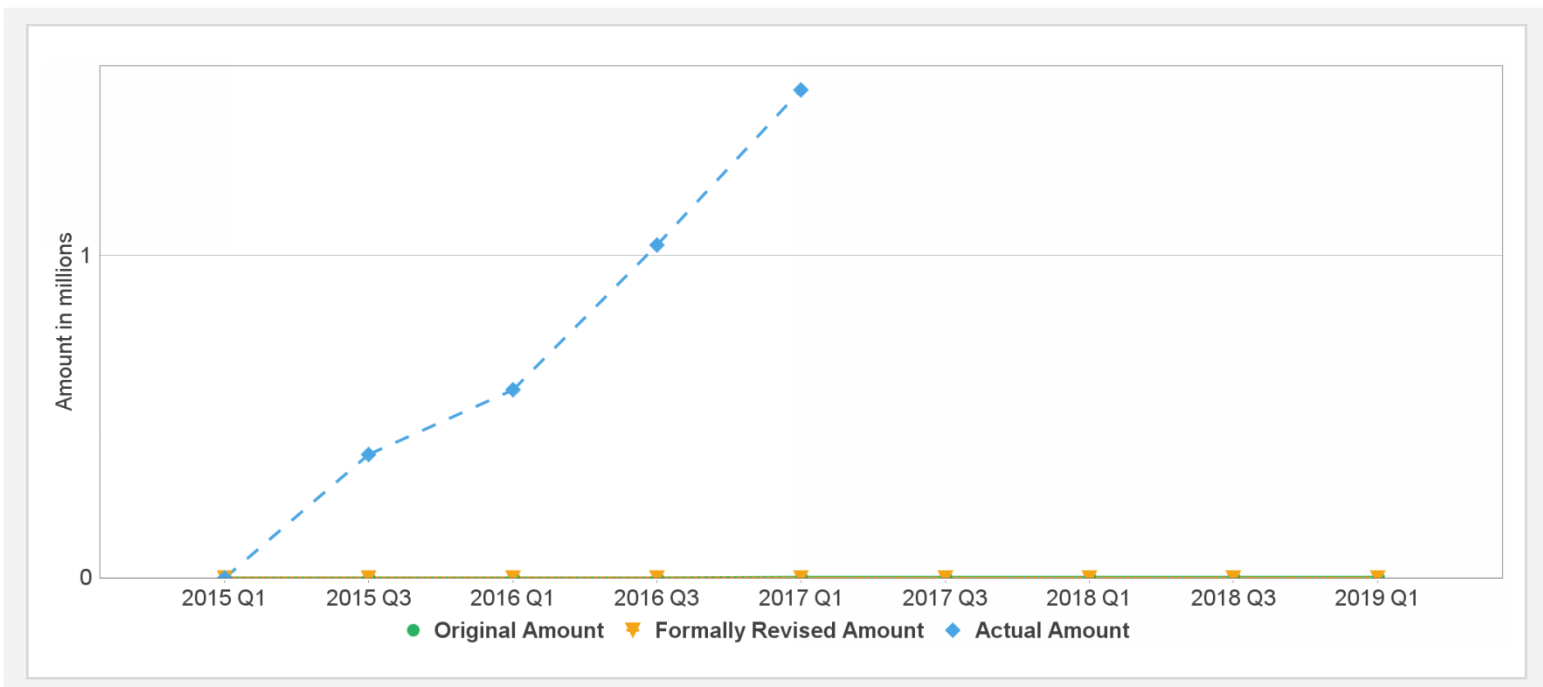


Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P143376	TF-15228	Effective	USD	4.40	4.40	0.00	1.51	2.89	34%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P143376	TF-15228	Effective	12-Sep-2014	17-Sep-2014	17-Sep-2014	30-Jun-2016	31-Dec-2017

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.