

# CLIMATE INVESTMENT FUNDS

July 15, 2015

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**FIP Brazil: Development of systems to prevent forest fires and monitor vegetation cover in the Brazilian Cerrado**

**World Bank responses to comments received from the United Kingdom**

Response submitted by the World Bank to the comments received by the United Kingdom

**1. It is important that the project is able to make the best use of potential synergies with other interventions in the area, mainly in relation to the Rural Environmental Cadastre (CAR), the Forest Inventory, the ABC Plan, and especially those concerned with Forest Fires, like the Brazil Cerrado Climate Change Mitigation Program (funded by UK's Defra). Could IBRD confirm how such relationships will be established and maintained?**

Regarding the synergies among the different interventions in the area, the Brazil Investment Plan (BIP) has developed a governance structure to ensure synergies among the different projects and institutions during its implementation phase. Beginning with the design phase of the BIP, the successful collaboration among the three ministries (MMA, MAPA and MCTI) has enabled the development of a strategic approach with the ability to foster synergies, not only between the BIP and its projects, but also with ongoing Cerrado government plans and policies already under implementation at federal, state and municipal levels. The BIP has developed a management arrangement in order to ensure the coordinated and synergistic implementation of the projects and achieve the FIP's objectives, both in terms of what was formulated under the BIP, and in relation to the overall objectives and outcomes of the FIP.

In more detail, the ABC Plan and the proposed project have synergies regarding fire prevention. A set of ABC training activities are focused on fire avoidance and the ABC Plan promotes sustainable production systems that increase their resiliency to fires. Likewise, regarding emissions estimates, the productive sector, and the ABC Cerrado Project in particular, will certainly gain from information on the estimates of CO<sub>2</sub> developed by the proposed project. Also the Cerrado ABC Project will develop carbon accounting studies to monitor CO<sub>2</sub> emissions in agricultural systems, which will enable data and methodology feedback between projects. Moreover, Embrapa will help to evaluate and test a series of estimates in the field, contributing to the process of carbon calculation estimates for national emissions accounting.

With respect to the Ministry of Environment's CAR project, all the information related to forest cover in the Cerrado will help the cadastre technical team and Municipal Environmental Secretariats in the preparation of rural properties maps and identifying areas to be recovered, ecological corridors or areas of permanent preservation. Also, both projects will generate knowledge and data on fire tendency and fire hot spots that will be available to farmers and the public sector.

The Brazil Cerrado Climate Change Mitigation Program supports the Platform of Monitoring and Warning of Forest Fires. Its objective is to facilitate the monitoring and analyse and perform early detection of forest fires by using the TERRA-MA<sup>2</sup>-Queimadas. TERRA-MA<sup>2</sup>-Queimada, is a new geo-processing tool to monitor fire throughout all biomes in Brazil. This platform can play host to a broad variety of monitoring and early-warming forest fires services at a single point, and can simplify users' access to its contents which responds to their expectations. It also addresses the need to have more accurate and more comprehensive information to support governments and rural communities to better implement their fire prevention and combat strategies. Therefore the

proposed projects, financed by FIP & DEFRA, can be seen as two complementary efforts focusing on prevention of forest fires in the Cerrado Biome. It will be integrated with the Queimadas platform and be supported by the FIP MCTI project.

**2. Alongside the current suggested prime users of INPE’s information, we would advise that IBRD should consider MAPA (Ministry of Agriculture, Livestock and Food Supply) and the State Secretariats for Agriculture Development. These institutions are enabled to provide capacity building to improve management of forest resources, mainly through the ABC Plan.**

1.

2. Many thanks for pointing out this oversight, we will include MAPA (Ministry of Agriculture, Livestock and Food Supply) and the State Secretariats for Agriculture Development as project beneficiaries and also prime users. In Subcomponent 1.2. Dissemination and training, the project will finance training sessions and working meetings with the prime users of the system. MAPA and the agriculture sector as a whole will benefit from the information developed by the system by reducing their risk of losing natural areas, and by minimizing economic losses for Cerrado farmers.

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**3. It would be useful if IBRD could provide further details on how they will work with FUNDEP to ensure risk mitigation actions are taken forward.**

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5. FUNDEP has extensive experience in national and international project management, with more than 22,000 managed projects to date. One risk we identify is the lack of familiarity of FUNDEP's staff with the Bank's procedures in selecting consultants and procuring goods and services. To mitigate this risk, the Bank has already started training FUNDEP's procurement and technical staff on Bank fiduciary policy and procedures. Prior to implementation, FUNDEP has agreed to either appoint a member of its own staff, or hire an external procurement specialist to prepare documents, supervise, and support FUNDEP and other agencies. This person will be responsible for managing procurement, strengthening FUNDEP's procurement capacity, and preparing a detailed procurement plan through the SEPA<sup>[1]</sup> System.

6.

7. The second major risk is the number of agencies involved with the project. To mitigate this risk, a Project Institutional Coordination Committee (PICC) will be created through an MCTI Ministerial Ordinance (Portaria), to ensure coordination between FUNDEP, MCTI and the three participating institutions. The PICC will be composed of representatives of all the institutions and of the Ministry of Environment (MMA). They will facilitate coordination at the level of the Brazil FIP Plan and PPCerrado. An important design element to mitigate this risk has been to concentrate all administrative and fiduciary management functions within FUNDEP. Also, as any other Bank project, FUNDEP and the participating institutions will implement the project in accordance with a Project Operational Manual which shall include the rules, methods, guidelines, standard

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1. <sup>[1]</sup> The Procurement Plan Execution System (Sistema de Ejecución de Planes de Adquisiciones SEPA) is an innovative Internet platform developed in 2006 by the World Bank to provide public access to contracts executed in the framework of its investment portfolio in the region. In July 2008, the World Bank (IBRD) and the Inter-American Development Bank (IDB) signed a memorandum of understanding to share use of this tool and thus improve governance of projects and contribute to the development goals of the Millennium Development Goals.

documents and procedures for the implementation of the Project. The Bank will provide ongoing training on procurement and financial management. All supervision missions will include financial management and procurement Bank staff, and ex-post reviews. If any issues are detected, the Bank is willing to provide all the support FUNDEP may need to resolve them.

8.

9. Given the extensive Bank presence in Brazil, and particularly in the Brasilia office, FUNDEP will be well supported and attended to by the Bank.

10.

- On Component A – The additional activities covered by the additional \$0.5 million are overly vague, for which we would like some additional information.
- Component B – The concept note states what the existing project intends to do but only makes suggestions about what the additional funds might cover. We are also unclear to what extent the proposals are realistic under the budget proposed.
- The results framework appears under-developed in terms of definitive targets, with a focus on measuring activities rather than outcomes or impacts.
- We gather there were previous questions and concerns about the targets and results on the existing project. Can you update us about how these were addressed.
- Overall the concept note is pitched at an activity level and does not seem to make the links that one might expect to see, in terms of application of training, use of information in other planning process and improved services.
- We would like further information on the implications from the recent sad-event of the major earthquake on this project