

**TC ABSTRACT**  
**Linking Climate Change Mitigation and Adaptation in the Forests of Amapá**  
**BR-T1275**

**I. Basic project data**

▪ Country/Region:	Brazil
▪ TC Name:	Linking climate change mitigation and adaptation in the forests of Amapá
▪ TC Number:	BR-T1275
▪ Team Leader/Members:	Simone Bauch, team leader (CCS/CBR), Gloria Visconti (INE/CCS), Anne Gander (CCS/CBR).
▪ Indicate if: Operational Support, Client Support, or Research & Dissemination.	Client Support
▪ Reference to Request <sup>1</sup> : (IDB docs #)	36996565
▪ Date of TC Abstract:	12/21/2012
▪ Beneficiary (countries or entities which are the recipient of the technical assistance):	Amapá State Institute of Forests (IEF-AP), Brazil
▪ Executing Agency and contact name (Organization or entity responsible for executing the TC Program)	State Institute of Forests of Amapá, Brazil
▪ IDB Funding Requested:	USD\$300,000
▪ Local counterpart funding, if any:	USD\$60,000
▪ Disbursement period (which includes execution period):	March 2013 - December 2015
▪ Required start date:	March 30 <sup>th</sup> 2013
▪ Types of consultants (firm or individual consultants):	Individual
▪ Prepared by Unit:	INE/CCS
▪ Unit of Disbursement Responsibility:	CBR
▪ Included in Country Strategy (y/n);	Yes
▪ TC included in CPD (y/n):	No
▪ GCI-9 Sector Priority:	Protect the environment, respond to climate change, promote renewable energy and ensure food security.

**II. Objective and Justification**

- 2.1 The maintenance of existing tropical forests depends on the livelihood alternatives of peoples living near these forests. Since over 60% of Brazilian greenhouse gas (GHG) emissions accrue from deforestation and land use, it is adamant to promote sustainable forest use. On the other hand, forested areas have one of the lowest Human Development Index (HDI) in Brazil, therefore the support to local populations so they can secure their livelihoods, at the same time the forests are preserved, is a top priority.

<sup>1</sup> A copy of the Letter of Request, Programming/Portfolio Review Mission Aide Memoire or Report requesting the TC should be submitted with the Abstract.

2.2 The objective of this TC is to support the Government of the State of Amapá, through its State Institute of Forests, to develop sustainable forest based activities seeking to mitigate GHG emissions and promoting the conservation of bioclimatic services. The focus of the activities will be 5 rural land settlements which have secured land tenure, and therefore are eligible for long term forest management.

2.3 Given that this TC is directly linked to climate change mitigation and adaptation, it is aligned with the GCI-9 objectives, as one of them is to substantially increase the support for climate change projects. This project is also aligned to the Brazil Country Strategy for 2012-2014 (document GN-2662-1).

### III. Description of activities and outputs

3.1 The activities of these TC are aimed at: (i) survey the species composition of the forests to assess economic value; (ii) train local families in sustainable forest management; and (iii) identify funds to support long term conservation of the bioclimatic services that come from these forests.

**A. Component 1:** This component will survey forest areas to assess species diversity, richness and above ground biomass. This will allow us to calculate potential carbon emissions mitigated, as well as consider potential uses of the forest by local settlers. We will carry out this activity initially in 48 household properties, aiming at the determination of a sample and the creation of a demonstration unit to be replicated later. Activities will involve local producers to ensure technology transference.

**B. Component 2:** This component will develop livelihood alternatives for these 48 households. A sequence of activities will be carried out:

- a. Training landholders in sustainable community forest management. This will include all activities needed for the production of timber and non-timber forest products, including planning, forest inventory, GPS use, quantification of production and labor security.
- b. Preparing forest management plans aimed at securing livelihoods while maintaining bioclimatic services.
- c. Training households in the commercialization of forest products to ensure economic sustainability.
- d. Supporting the implementation of the management plans and related activities.

**C. Component 3:** This component will support a macro study aimed at identifying funding for the State of Amapá's forest conservation program. This is aimed at linking forest conservation to the maintenance of carbon stocks and increasing resilience of local populations to climate change. The study will focus on schemes such as voluntary carbon credits, funding available for maintenance of bioclimatic services and readiness funding to strengthen the state's capacity.

#### IV. Budget

##### Indicative Budget

Activity/ Component	Description	IDB/Fund Funding (USD)	Counterpart Funding (USD)	Total Funding (USD)
Component 1	Forest and carbon assessment	\$135,000	-	\$135,000
Component 2	Livelihoods strategy	\$112,000	\$60,000	\$172,000
Component 3	Long term funding identification	\$53,000	-	\$53,000
Total		\$300,000	\$60,000	\$360,000

#### V. Executing agency and execution structure

- 5.1 The Executing Agency for this project will be the Amapá State Institute of Forests (IEF-AP). The institution was created in 2007 with the objective of promoting the rational use of forests to achieve sustainable socioeconomic development. It is linked to the Rural Development Secretary, created through Law 1.077 on April 2<sup>nd</sup> 2007. Some of its objectives are the promotion, support and creation of incentives for sustainable forest management, forest plantations and reforestation, the dissemination of timber and non-timber product technologies, the commercialization and strengthening of relevant markets, the quantification and appraisal of environmental services, and the execution of actions that focus on local development.
- 5.2 The IEF-AP is the organization responsible for technical assistance and forest expansion in the State of Amapá. It has a technical team comprising 55 employees, and its headquarters are located in the municipality of Macapá, the state capital. The institution currently has five regional offices located in the municipalities of Mazagão, Laranjal do Jarí, Porto Grande, Tartarugalzinho and Bailique. IEF-AP's annual budget is BRL\$2.5M (approximately USD\$1.23M).
- 5.3 The present TC will be directly linked to the actions of the regional offices in Porto Grande and Tartarugalzinho, under the coordination of the chiefs of the following groups: (i) forest management; (ii) forest expansion; (iii) markets and commercialization; and (iv) environmental services.
- 5.4 IEF-AP has a history of partnerships with the Japanese International Cooperation Agency (JICA), and currently develops projects in partnership with Conservation International, the Public Ministry, Peabiru Institute, Embrapa, Petrobrás Ambiental, and Sebrae.

#### VI. Project Risks and issues

- 6.1 There are of two types of risks associated to this project. The first one, associated to the capacity of the executing agency to implement this project. This will be mitigated by a close supervision of the Climate Change and Sustainability Division (CCS) staff at the Brazil Office.
- 6.2 The second risk pertains to the quality of the work developed during the execution of the TC. This risk will also be mitigated with a close supervision of the deliverables by state officials, as well as the oversight from CCS staff in the Brazil Country Office.

#### VII. Environmental and Social Classification

- 7.1 The project has been classified as Category C as it is a low risk TC.