

Integrated Safeguards Data Sheet

Section I – Basic Information

Date ISDS Prepared/Updated:

A. Basic Project Data (from PDS)

COUNTRY: Brazil	PROJECT ID: 75871
PROJECT: PCF MINAS GERAIS PLANTAR PROJECT	TTL: Werner Kornexl
APPRAISAL DATE: 2002	IBRD AMOUNT (\$m): 5.3 m
BOARD DATE: 2002	IDA AMOUNT (\$m): -
MANAGING UNIT: LCSN	SECTOR: Environment.
LENDING INSTRUMENTS: others (PCF)	STATUS: LEND

Project Objectives (From PDS)

The development objective of the PLANTAR project is to contribute to carbon dioxide emissions reduction, through the replacement of fossil fuel (coal/coke), by renewable energy (charcoal from sustainably managed biomass plantation) and to contribute to the sustainable development of the pig iron sector.

Project Description (From PDS)

Plantar, S.A. – Planejamento, Técnica e Administração de Reflorestamentos (Sponsor) is a family owned company based in Minas Gerais, Brazil, with over 4500 employees. Carbon revenues from the sale of Certificates of Emission Reductions (CER) are expected to promote and maintain project feasibility and guarantee that the project will be self-sustainable after the end of the project cycle. The Plantar project will address following Greenhouse Gas Reduction: (i) by replacing coke by sustainably produced charcoal for the pig-iron production (CO₂, N₂O), (ii) by eliminating methane in the carbonization process, and (iii) by reestablishment of native forests around and within the plantation area (CO₂). The Project lifetime is 28 years and effective Emission Reductions (ERs) will be monitored by external consultants.

Project Location: (Geographic location, information about the key environmental and social characteristics of the area and population likely to be affected, and proximity to any protected areas, or sites or critical natural habitats, or any other culturally or socially sensitive areas.)

Municipalities of Felixlandia and Curvelo in the State of Minas Gerais, Brazil. The environmental characteristic of this area is a typical rural production area in the cerrado region of Brazil, dominating economic activity is cattle ranching and mining.

B. Check Environmental Classification A ☐, B ☒, C ☐, FI ☐, TBD ☐

Comments: The classification has been approved by QAT on the PCD level and all recommendations have been taken into account in both, the PAD and the PCF related documentation: The Emission Reduction Purchase Agreement and Monitoring and Verification Protocol

C. Applicability of Safeguard Policies (from PDS)

Click on Policy name for brief summary of objectives, triggers and requirements
Click on Policy reference number for full policy

	Yes	No	TBD
Environmental Assessment (OP/BP/GP 4.01)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Forestry (OP/GP 4.36)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Natural Habitats (OP/BP 4.04)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Safety of Dams (OP/BP 4.37)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pest Management (OP 4.09)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Involuntary Resettlement (OD 4.30)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Indigenous Peoples (OD 4.20)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cultural Property (OPN 11.03)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Projects in Disputed Areas (OP/BP/GP 7.60)*	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Projects on International Waterways (OP/BP/GP 7.50)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

* *By supporting the proposed project, the Bank does not intend to prejudice the final determination of the parties' claims on the disputed areas*

Section II – Key Safeguard Issues and Their Management

D. Summary of Key Safeguard Issues. Please fill in all relevant questions. If information is not available, describe steps to be taken to obtain necessary data.

1. Describe any safeguard issues and impacts associated with the proposed project
Plantations are located on former planted pasture land, no land use changes identified on already identified land. Further land to be used for sustainable plantations will only be implemented on former planted pasture land.

Parts of the forests are certified under the FSC criteria, rest of the forests will be certified before every plantation. Annual Emission Reduction payments are conditioned to the existence of FSC certification

Pest Management is following strict rules of FSC criteria and will continue to not use POPs or pesticides that are in classes 1A and 1B. Plantar is currently conducting research on improvements on optimal pesticide uses and results will be integrated into Plantar's company policy.

Current charcoal use still partly coming from native resources, sources have been verified and considered legal. Nevertheless, PCF is not involved in carbon credit purchase until Plantar is self sufficient in charcoal supply from own monitored resources.

2. Identify and describe any potential large scale, significant and/or irreversible impacts. Describe any potential cumulative or long term impacts.
none

3. In light of 1 and 2, describe the proposed treatment of alternatives (if required)
Biodiversity: PCF developed a proactive program to increase and measure biodiversity improvements by building up corridors.

Foresees environmental investments in pig-iron industry (filters, cogeneration) and the implementation of ISO 14000 procedures.

Established timetable for FSC certification for all plantation areas (2002)

Investment in improvement of carbonization process in order to eliminate GHG and other negative impacts on Climate Change and workers' health.

Environmental education of workers and neighbors.

Social assessment process concluded (no-objection given by all contacted institutions)

4. Describe arrangement for the borrower to address safeguard issues

PCF financing is based on improvement of processes in order to reduce GHG (quantitative) and biodiversity/social impacts (qualitative).

- Replacement of coke by sustainable produced charcoal
- improvement of biodiversity
- improvement of worker's health
- improvement of carbonization process and reduction of emissions
- improvement of industry standards (filters, cogeneration, ISO 14000)
- expansion of FSC certified area

<p>5. Identify the key stakeholders and describe the mechanisms for consultation and disclosure on safeguard policies, with an emphasis on potentially affected people.</p> <p>Municipalities (Curvelo, Felixlandia, Itacambira) NGOs (Friends of the Earth, Amdar, WWF) local agriculture school State Forest Institute</p> <p>FSC project was explained and possible impacts declared, stakeholders were asked for opinion, suggestions, recommendations, objections. No objections have been given by all stakeholders.</p>		
<p>E. Safeguards Classification (<i>select one</i>). Category is determined by the highest impact in any policy. Or on basis of cumulative impacts from multiple safeguards. Whenever an individual safeguard policy is triggered the provisions of that policy apply.</p>		
<p><input type="checkbox"/> S₁. – Significant, cumulative and/or irreversible impacts; or significant technical and institutional risks in management of one or more safeguard areas</p>		
<p><input checked="" type="checkbox"/> S₂. – One or more safeguard policies are triggered, but effects are limited in their impact and are technically and institutionally manageable</p>		
<p><input type="checkbox"/> S₃. – No safeguard issues</p>		
<p><input type="checkbox"/> S_F – Financial intermediary projects, social development funds, community driven development or similar projects which require a safeguard framework or programmatic approach to address safeguard issues.</p>		
<p>F. Disclosure Requirements</p>		
<p><i>Environmental Assessment/Analysis/Management Plan:</i></p>		
Date of receipt by the Bank	.../.../...	or N/A
Date of “in-country” disclosure	04/30/02	or N/A
Date of submission to InfoShop	05/06/02	or N/A
For category A projects, date of distributing the Executive Summary of the EA to the Executive Directors	.../.../...	or N/A
<p><i>Resettlement Action Plan/Framework:</i></p>		
Date of receipt by the Bank	.../.../...	or N/A
Date of “in-country” disclosure	.../.../...	or N/A
Date of submission to InfoShop	.../.../...	or N/A
<p><i>Indigenous Peoples Development Plan/Framework:</i></p>		
Date of receipt by the Bank	.../.../...	or N/A
Date of “in-country” disclosure	.../.../...	or N/A
Date of submission to InfoShop	.../.../...	or N/A
<p><i>Pest Management Plan:</i></p>		
Date of receipt by the Bank	03/20/02	or N/A
Date of “in-country” disclosure	04/30/02	or N/A
Date of submission to InfoShop	05/06/02	or N/A
<p><i>Dam Safety Management Plan:</i></p>		
Date of receipt by the Bank	.../.../...	or N/A
Date of “in-country” disclosure	.../.../...	or N/A
Date of submission to InfoShop	.../.../...	or N/A
<p>If in-country disclosure of any of the above documents is not expected, please explain why.</p>		

<i>Signed and submitted by:</i>		
Task Team Leader:	Name Werner Kornexl	Date:
Project Safeguards Specialist 1:	Name Werner Kornexl	Date:
Project Safeguards Specialist 2:	Name Gunars Platais	Date:
Project Safeguards Specialist 3:	Name Dan Nepstad	Date:
<i>Approved by:</i>		
Regional Safeguards Coordinator	Juan Quintero	Date
Sector Manager	Theresa Serra	Date