



# The CIKEL Project

Brazil's First Certified REDD Project



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The CIKEL Project works to avoid CO<sub>2</sub> emissions by avoiding planned deforestation of part of the Rio Capim Complex, located in Paragominas in Pará State, Brazil, a region with the **highest rate of deforestation in Brazil** (*Brazilian National Institute for Space Research*).

As the first REDD project within the VCS (Verified Carbon Standard) framework in the Amazon, the CIKEL Project helps reduce **9.4 million tonnes** of CO<sub>2</sub> emissions that would have been emitted into the atmosphere over the next ten years.



An initial 27.4 thousand hectares of rainforest are conserved by the CIKEL Projects

In 2005, CIKEL decided to conserve its forest by moving forward with its sustainable forest management activities that are certified by the Forest Stewardship Council

**CIKEL opted to protect the environment, conserving the area and practicing FSC certified sustainable forest management.** CIKEL manages a total of approx. 200,000 hectares where a total of **120 million tonnes of CO<sub>2</sub>** is stored.

**Why it matters:** deforestation has a greater pollution impact than the entire global transport sector.



Pará State, Brazil where the Rio Capim Complex is located

# Pioneer in Conservation

As the first REDD project verified by the Verified Carbon Standard in the Amazon, (VCS, see <http://v-c-s.org/>), the CIKEL Project:

- ✂ Preserves carbon stored in the forest's living biomass
- ✂ Protects the biodiversity that depends on the forest's ecosystem, and
- ✂ Generates an alternative and sustainable income source for CIKEL, via the sale of Verified Carbon Units (VCUs).

## *Why use the Verified Carbon Standard?*

VCS ensures greenhouse gas emission reductions and removals are real, measureable, additional, permanent, independently verified and conservatively estimated.

To do this, projects are independently validated and verified by a third party. The Rainforest Alliance has validated and verified the CIKEL Project. VCS uniquely numbers and registers all projects and VCUs in a central database, guaranteeing transparency.

In May 2012, the CIKEL Project was verified and validated by VCS and the Rainforest Alliance. Now CIKEL can continue to avoid deforestation and continue to practice the social activities and community guidelines under FSC certification.



Recognizing the irreplaceability of the rainforest, the family business of CIKEL has worked in forest management in the Brazilian Amazon since 1977.



# What is REDD?

*REDD stands for **Reducing Emissions from Deforestation and Forest Degradation**, and was established by the United Nations to help stop the destruction of the world's forests.*

REDD projects do the following:

- ❧ Reduce greenhouse gas emissions by protecting threatened forests
- ❧ Conserve forest biodiversity
- ❧ Create financial incentives to protect the carbon stored in forests



It is estimated that financial flows for the reduction of greenhouse gas emissions from REDD projects could reach \$30 billion per year

# Biodiversity Program

Forests are more than just carbon. In the Cikel project, biodiversity plays a vital role. The Cikel area is part of the Amazon, the largest remaining rainforest on our planet. The Amazon is known for its amazing biodiversity; it contains 15% of all species. The Cikel area is home to some endangered species, such as the rare Ka'apori monkey, that rely on the forest for their survival.



## *Why are forests important?*

- Forests house 80% of terrestrial biodiversity;*
- Over 75% of the world's freshwater comes from forest areas;*
- Forests reduce the occurrence and impact of natural disasters such as floods and landslides;*
- 300 million people depend directly on forest ecosystems for their subsistence and survival;*

*Every 24 hours, an estimated 150 species of mammals, birds, insects and plants go extinct – UN Environmental Program, 2010*



By becoming an environmental advocate you can help safeguard the future for endangered species of the Amazon.



A long term biodiversity program has been set up between 33FC and Federal University of Para (UFPA). The program will help us to improve our knowledge on local biodiversity, to identify threats to biodiversity and to evaluate and apply activities to improve the current situation. This program is set up in under the supervision of international universities and experts.



### ***Preliminary results***

*During a period of two months, 75 indicators of aquatic biodiversity were measured, in 34 plots, of three ha each, in all different stages of vegetation present in the area. Already some new species have been identified.*

In the next months an extensive survey of terrestrial fauna and flora will be carried out. The results of these extensive field surveys are used to create a biodiversity protocol for the quantification, qualification and valorization of biodiversity for REDD projects.



Approximately 700 new animal species are discovered each year in Brazil – *UN Conference of Biological Diversity 2012*

# Social Benefits



Protecting the forest leads to social benefits for the people living in the surrounding area who depend on the forest:

- ❧ Opportunities for employment
- ❧ Availability of forest area to scientific research of local university;
- ❧ Improvement and diversification of livelihood of project stakeholders;
- ❧ Improvement of quality of life of project stakeholders through education, schools and improved medical facilities.



In the words of a local community member:

*"Everything would be different if there were no trees."*





# Bottom Line

Supporting the CIKEL Project helps conserve native rainforests, protect the rich local biodiversity, provide support to local (indigenous) communities and demonstrates your environmental commitment to your stakeholders.

Be an environmental advocate,  
**champion change**



33 Forest Capital is bringing these REDD VCU credits to market. Cast your vote in favor of forest conservation. Contact 33 Forest Capital to learn more.

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