



**ClearSky**  
Climate Solutions  
for our shared future



## **ClearSky Carbon Offset Project Description**

### *Native Species Reforestation and Restoration in Panama*

#### **Project Activity:**

ClearSky Climate Solutions reforested degraded and abandoned cattle pastures and practiced sustainable forestry in the Pacific lowlands of Panama. Our strategy, with our partner Futuro Forestal, was to purchase lands and employ local people in the forest restoration work. These lowland rainforest areas had been logged, farmed, and grazed extensively over the past 200 years. We've planted over 50 native rainforest species and one commercial timber species (teak), which makes for an exceptionally diverse forest cover. A portion of the timber is sustainably harvested over the 20-30 year management period, and the project's emissions reductions are generated by the remaining forest.



#### **Carbon Sequestration:**

As of December 2017, this project has sequestered **955,033 metric tons of CO2** from the atmosphere, and projections confirm an additional 136,000 metric tons are stored every year as the trees continue to grow. This project currently operates on approximately 12,000 hectares. The project has plans to expand to 15,000 hectares by 2019, thereby increasing the positive impacts noted above.



#### **Additional Benefits:**

We're very proud of the environmental and social benefits delivered by this project. Beyond sequestering CO2, this project helps to:

- Stabilize soils, reduce erosion, and increase soil fertility;
- Provide habitat and migratory corridors for native flora and fauna, as evidenced by the return of ocelots and spider monkeys to the project area; and
- Protect downstream regions of the watershed, including vital and threatened coastal mangrove forests.

This project also addresses several social concerns in the project area, by:

- Reversing the trend of rural-to-urban migration;
- Providing higher wages and benefits to workers;
- Employing a high proportion of indigenous people and women; and
- Training employees in nursery operation, forestry, and fire prevention, as well as literacy and family health.



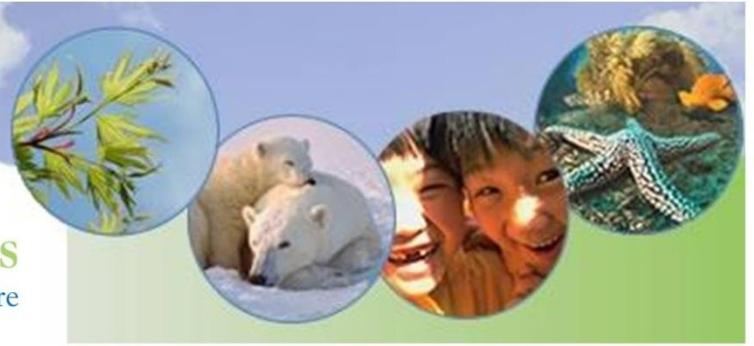
#### **Certification:**

This project has been an excellent model of environmental and social responsibility, receiving the following recognition:

- **Forest Stewardship Council (FSC)** certification for sustainable forestry (1998), re-certified with no corrective actions (2003, 2008, 2013 and upcoming in 2018)
- **The first project to receive the Climate, Community, Biodiversity Alliance (CCBA)** certification at the Gold (highest) level for environmental and social criteria (2007 and 2013)
- **Carbon Fix 2.0** – certification for emissions reductions through carbon sequestration (2007 and 2013)



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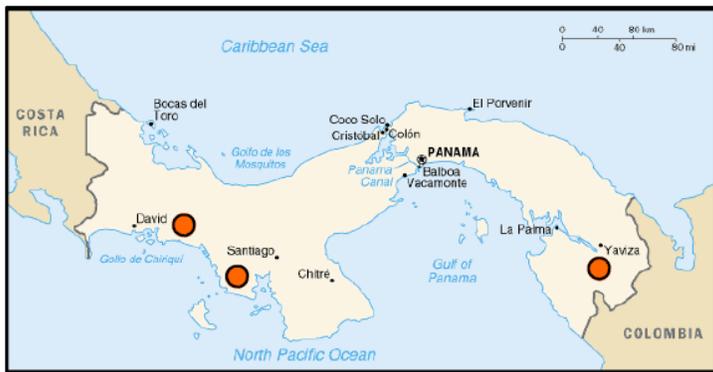


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#### Location:

The project is located in three rural lowland areas on the Pacific side of the country: at Las Lajas in the Municipio of San Felix, Province of Chiriquí; and at El Pito in the Municipio of Sona, Province of Veraguas. Additionally, the project has just purchased lands for reforestation in the Darién Province. Lands being actively reforested are marked in the map below:



#### Timeline:

Initiated in 1995 on only 10 hectares of land, the project has now reforested over 12,000 hectares of degraded lands that were formerly lowland Pacific rainforest in Panama. This project aims to expand to over 15,000 hectares by 2019. The project sponsors have invested in the project for 30 years, at which point they will have the option to re-invest for additional planting or project cycles.

#### How to Purchase Offsets:

##### **Organizations:**

We will work closely with you to design a customized greenhouse gas mitigation plan. This will include an emissions assessment, strategies to reduce emissions, and a personalized selection of offsets from our project portfolio to mitigate remaining, unavoidable emissions.



##### **Individuals:**

Please visit our web page ([www.clearskyclimatesolutions.com](http://www.clearskyclimatesolutions.com)) to purchase carbon offsets from this project. You can use our custom Carbon Footprint Calculator to determine your yearly personal greenhouse gas emissions, or work with us to design a carbon footprint assessment for your special event!

The emissions reductions credits we're selling have already been certified and verified by an external, 3<sup>rd</sup> party auditor. This means the emissions reductions have already happened, and you can have confidence that your offsets are legitimate, rather than promises of future action.

