

CASE STUDY: SELVA NEGRA COFFEE FARM

OVERVIEW

Selva Negra Coffee Farm was first developed in 1890 and is one of the world's leading coffee suppliers. As part of a sustainability initiative, Selva Negra calculated its carbon footprint.

This project required the calculation of Selva Negra's carbon emissions and also their carbon offsets. Selva Negra has approximately 1,468 acres of untouched rainforest on the estate and this rainforest acts as a carbon sink. No industrial processing or manufacturing takes place on the subject property



CARBON MITIGATION

The goal of carbon footprinting is to measure your impact to the environment in units of greenhouse gases (GHGs).

PROJECT DETAIL

The purpose of the project was to determine the coffee farm's greenhouse gas (GHG) emissions and removals through quantification, monitoring, reporting and verification.

Responsibility included preparation of the Carbon Footprint report detailing the conclusions of the analysis; recommendations to reduce emissions and increase GHG removals. Total emissions for the farm were measured and diesel emissions from cargo transport accounted for the largest contribution to their overall footprint. Recommendations were provided and included the use of hybrid trucks for cargo transport, an environmental management system and the use of properly sealed methane storage tanks.

Carbon Partner staff generated the carbon footprint by measuring and calculating direct, indirect and other indirect emission sources and was performed in compliance with International Standards Organization (ISO) standards for GHG Emission Inventories and Verification.

:: BUILDING SNAPSHOT ::

Property Type

Coffee Farm

Location

Matagalpa, Nicaragua

Year Developed

1890

GHG Reduction Measures

- Environmental Management System
- Hybrid trucks
- Properly sealed methane tanks

Project Benefits

- Registration with a carbon credit trade organization
- Reduced operating costs