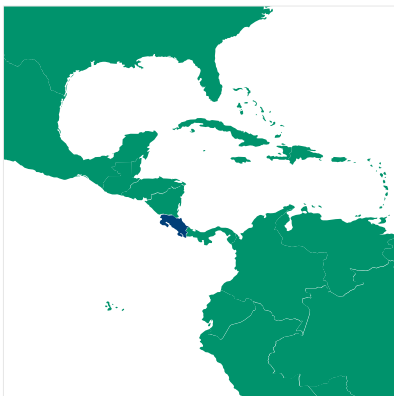


# LOS SANTOS: WIND POWER PROJECT

Costa Rica - Renewable energy

## PROJECT ENVIRONMENT

The Los Santos region is located in the south of the capital San José in the midst of the rugged mountain ranges of Costa Rica. As one of the countries windiest regions, it is of rural character where people usually work in agriculture and cattle raising.



Costa Rica is amongst the planet's most vulnerable regions to climate change.

Renewable energy development is essential to address future energy challenges and to reduce rural poverty.

Los Santos is a privileged region for wind power due to year-round strong and steady winds.

## ABOUT THE PROJECT

The Los Santos wind power project is a grid connected 12.75 MW wind farm. It is the first wind farm in Costa Rica that is constructed and operated by a rural local electricity generation cooperative, which distinguishes itself by having a very high degree of stakeholder involvement.

## PROJECT OBJECTIVES

- Distribution of around 20,000 MWh clean electricity to 50,000 people and 11,000 households in rural and underdeveloped region
- Preparation and direction of workshops for children and students on environmental education, focusing on renewable energy, climate change and waste recycling
- Los Santos wind farm generating concrete employment opportunities (6 direct and 14 indirect jobs)

## PROJECT TYPE



## PROJECT STANDARD

**Gold Standard**<sup>®</sup>  
*Climate Security & Sustainable Development*

## SDG



## PROJECT FACTS

Project type	Wind energy
Location	Costa Rica
Carbon standard	CDM, Gold Standard
CDM project ID	6275
GS project ID	3405
Registration date	11/06/2012
Installed capacity	12.75 MW
Annual CO <sub>2-eq</sub> reduction	15,000 tons



## CONTRIBUTION TO UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS



Emission reduction of sulfur dioxide (SO<sub>2</sub>) and nitrogen monoxide (NO). Studies prove a significant correlation between high concentrations of SO<sub>2</sub> or NO and cardiovascular and respiratory diseases.



Preparation and directing of workshops for children and students on environmental education, focusing on renewable energy, climate change and waste recycling.



Generation and distribution of 20,000 MWh clean energy to rural, underdeveloped regions, increases the total share of renewable energy within national energy mix and secures local energy supply.



Annual reduction of 15,000 tons CO<sub>2-eq</sub>. The reduction is in line with Costa Rica's ratification of the second commitment period of the Kyoto protocol and NDCs, submitted in accordance with the Paris Agreement.



Creation of 6 skilled technical full-time jobs and an additional 14 indirect jobs in rural region for men and women. Provision of income to co-op shareholder.



Transfer of revenue share to Costa Rica and support of environmentally sound technology development, since Carbonbay, as project partner, is responsible for the distribution of the generated carbon credits.



## CONTACT

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