



Alembic Wind Power Project

Project Information





Introduction

We are delighted to support your organisation on its journey to Carbon Neutrality!

We are pleased to be sharing this brochure with you!

Part of those carbon credits were retired from the Alembic Wind Power Project. You will find here further information about this fantastic project.

Thank you for contributing to achieving a climate neutral society and bringing sustainable development to developing countries!

Introduction

Location & Aim of the Alembic Wind Power project

- This project is located in Bhavnagar, Gujarat, India.
- This project has the protection of the environment at its core, and aims to deliver a cleaner and greener environment by using wind as a renewable source of energy.



Commitment

- Alembic is a key part of the Clean Development Mechanism (CDM) of the United Nations Framework Convention on Climate Change.
- This project actively reduces the power consumption from the electricity grid (Western grid, India) thereby helping in significant reduction of GHG emissions.



Alembic considers the protection of the environment as its direct responsibility and all its processes and technologies incorporate this feature. Since a clean and a green environment is an absolute necessity, this project generates 5 MW of electricity with efficient utilization of the available wind energy through adoption of the latest, efficient and modern equipment.

The main contributions of the project to sustainable development and the environment are:

- Generation of eco-friendly power.
- Conserving fossil fuel reserves in vision of long-term sustainability.
- Reducing GHG emissions compared to a business-as-usual scenario.
- Reducing other pollutants (SO_x, NO_x, PM, etc.) resulting from power generation in the grid.

Environmental benefits

A greener future



“This project is also responsible for sustainable economic growth and conservation of environment through use of wind as a renewable source”





Social benefits

Supporting local communities

The local people are direct beneficiaries of the project. The construction and continuous operation of the mill constituted local manpower and it has received complete support from the local populace. The government of India, through Ministry of Non-conventional Energy Sources (MNES), has been promoting energy conservation, demand side management and renewable energy projects including. The implementation of this wind power project has been highly appreciated by locals.

With no adverse impact on agriculture, this project has generated additional revenues for contractors and employers, job opportunities for day-to-day maintenance and security, and a faster development of roads and connectivity for the region.



This project is part of the Clean Development Mechanism of the United Nations Framework Convention on Climate Change, and has been authorised under article 12 of the Kyoto Protocol



Thank you

One Carbon World

MEASURE | REDUCE | CONTRIBUTE

hello@onecarbonworld.com

www.onecarbonworld.com