

# CARBON NEUTRAL COMPANY



MOESCHTER Group GmbH supports the following UN goals for sustainable development:



## MOESCHTER Group GmbH



Participant ID: DE-2817-0812  
Valid until: 01.09.2024

This certificate guarantees that the reported quantity of 1315 tons CO<sub>2</sub> has been calculated according to Greenhouse Gas Protocol Standard, scopes 1, 2 and 3. The resulting emissions have been saved in Gold Standard and VCS tested climate projects.

MOESCHTER Group GmbH has acquired shares (certificates) in climate protection projects corresponding to the calculated volume of CO<sub>2</sub> and therefore plays a transparent part in the realisation of the projects. This ensures that the company compensates for its own CO<sub>2</sub> emissions, and thus scales back the rise in global warming.

The projects have been certified, and the issue and closure of the certificates is registered transparently.

MOESCHTER Group GmbH is therefore a voluntary participant in emissions trading, and thus makes a contribution to maintaining a viable environment by reducing the emissions of greenhouse gases. The holder of this certificate makes a sustainable contribution to the commitment to tackle global warming.

Dipl.-Ing. Frank Huschka



# MOESCHTER Group GmbH supporting climate protection projects:



## Kariba REDD+ Forest Protection

### Zimbabwe

#### Saving forests, protecting wildlife and changing lives

*Since the Kariba REDD+ (Reduced Emissions from Deforestation and Degradation) project launched in 2011, more than 18 million tonnes of CO2 have been prevented from entering the atmosphere. The project has also supported the independence and well-being of local communities.*

#### The Context

In recent decades, Zimbabwe has suffered from political and economic turbulence. With limited economic opportunities, desperate communities have delved deeper into the forests, clearing it for subsistence farming and fuelwood. More than a third of Zimbabwe's majestic forests have been lost. Creating further instability for people with already precarious livelihoods.

#### The Project

The Kariba Project protects almost 785,000 hectares of forests and wildlife on the southern shores of Lake Kariba, near the Zimbabwe-Zambia border. One of the largest registered REDD+ projects by area it connects four national parks and eight safari reserves, forming a giant biodiversity corridor that protects an expansive forest and numerous vulnerable and endangered species – including the African elephant, lion, hippo, lappet-faced vulture and southern ground hornbill. As well as this, the project implements numerous community-focused initiatives detailed below.

#### The Benefits

Kariba is a community-based project, administered by the four local Rural District Councils (RDCs) of Binga, Nyaminyami, Hurungwe and Mbire. As such, the project supports a range of activities beyond environmental protection, promoting the independence and wellbeing of these communities. Improved clinic amenities provide better healthcare, infrastructure including new roads and boreholes improve daily life, and school subsidies are offered to the poorest quartile of the population. Project activities in conservation agriculture, community gardens, beekeeping training, fire management, and ecotourism create jobs and facilitate sustainable incomes, benefiting the entire region.

So far, the project has trained 233 local people to generate profit from sustainable beekeeping. Community gardens, beekeeping training, fire management and ecotourism create jobs and facilitate sustainable incomes that benefit the entire community.

**Category** | **Standard**  
Carbon | VCS Verified Carbon Standard 902





# ADPML Pacajai Portel-Para REDD Forrest Project

## Brazil

### Avoided Deforestation Project (Manaus) Limited (ADPML)

The project is located within the Amazon, the largest remaining rainforest on our planet. The Amazon is known for its amazing biodiversity; home to 10% of all species, including some endangered species that rely on it for their survival.

THE PROJECT IS IN AN AREA OF EXTREME IMPORTANCE FOR BIODIVERSITY CONSERVATION.

According to the Brazilian Ministry of Environment, this area holds a great diversity and abundance of species, not only important for the maintenance of ecological relationships, but also of socio-economic importance such as Brazil nut trees and other noble tree species.

#### THE KEY PROJECT ACTIVITIES INCLUDE:

- Providing training on forest and biodiversity monitoring and management and opportunities to work as a monitoring/enforcement staff.
- Enhancing community's organizational capabilities.
- Providing legal land-ownership rights versus results for conservation.
- Providing capacity building on steps to gain land use rights over Government owned forests.
- Providing capacity building in agroforestry techniques and implement agroforestry pilots.
- Providing capacity building on improved efficiency cook stoves and implement cook stove pilots.
- Providing capacity building to develop small sustainable business.
- Providing capacity building to cattle ranchers that move inside the Project Boundary.

#### SOCIAL AND SUSTAINABILITY BENEFITS

The project is contributing to sustainable development:

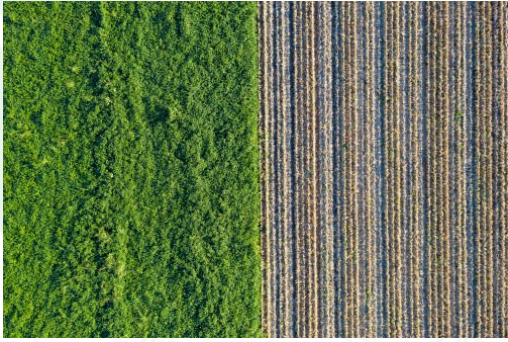
- Stimulate the creation of jobs linked to forest management.
- Training in forest management.
- Supports critical biodiversity habitats.

VCS guarantees the transparency and accuracy of carbon accounting and CCB guarantees positive social and environmental benefits. The Gold Level Award is an additional guarantee of the exceptional social and environmental co-benefits of the project.

Category	Standard
Carbon	UNFCCC VCS 981







# BIOMASS/BIOGAS BASED HEAT AND POWER GENERATION AT EVEREST STARCH

## India

The starch production process requires thermal and electrical energy for drying process.

The purpose of proposed project activity is to have biomass based thermal energy generation to meet the thermal energy requirement and biogas based power generation in gas engines, where biogas is captured from wastewater treatment generated during fermentation process to improve overall energy efficiency of the manufacturing facility.

The project activity utilises the renewable resources to generate steam and electricity for captive consumption, thereby avoiding the use of non-renewable energy resources such as coal and fossil fuel based grid electricity.



Category	Standard
Carbon	VCS 1535

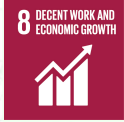


# Infravest Wind Farms CHANGBIN AND TAICHUNG

## Taiwan

### Harnessing the energy of coastal winds to power Taiwan communities

*These two wind farms help drive Taiwan's renewable energy expansion and pave the way for sustainable development. Each year, this project prevents over 320.000 tonnes of greenhouse gases from entering the atmosphere.*



### The Context

Despite the abundant coastal winds along its shoreline, Taiwan remains heavily reliant on fossil fuels, which make up over 75 percent of its total installed electricity capacity. Shifting towards sustainable energy is vital for both Taiwan's national security, and for its economic and environmental prosperity.

### The Project

This project harnesses the plentiful supply of wind energy along Taiwan's coast near Taichung in the west and Changbin in the east. The wind farms consist of 62 wind turbines, and generate over 480.000 MWh of clean power each year which is supplied to the local electricity grid.

### The Benefits

In addition to contributing to global climate change mitigation, this project is engaged in several nature preservation enterprises such as regular beach clean ups and guided tours that raise awareness about climate change, pollution and other environmental issues. The project has also led to the forestation of 2.400 m<sup>2</sup> of land, encouraging local biodiversity.

Your investment in the project supports the energy transition and sustainable development goals in Taiwan.

Category	Standard
Carbon	Gold Standard



## Harmanlik Wind Power Plant

### Turkey

Eskoda Enerji and Fuatres Elektrik Üretim A.S. have invested into new wind power plant to generate electricity and feed it into the Turkish grid. The wind power plant is planned to be built close to Çamlüca Village in the province of Bursa in Turkey.

The project has 50 MW installed power in total, the project will generate around 166 GWh electricity annually.

Comparing with baseline situation for electricity system of Turkey, this amount of electricity generation will lead around 98.000 tonnes carbon dioxide emission reduction per year. In addition to the CO<sub>2</sub>, the project will reduce SO<sub>x</sub> and NO<sub>x</sub> emissions which arise from electricity generation from mainly coal power plants.



Category	Standard
Carbon	Gold Standard 2544