CARBON NEUTRAL COMPANY



Design Offices GmbH CCF 2022 supports the following UN goals for sustainable development:



Design Offices GmbH CCF 2022

DESIGN OFFICES

Participant ID: DE-3473-1028 Valid until: 21.12.2023

This certificate guarantees that the reported quantity of 9062 tons CO₂ 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.

Design Offices GmbH CCF 2022 has acquired shares (certificates) in climate protection projects corresponding to the calculated volume of CO_2 and therefore plays a transparent part in the realisation of the projects. This ensures that the company compensates for its own CO_2 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.

Design Offices GmbH CCF 2022 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







Design Offices GmbH CCF 2022 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 Carbon

Standard VCS Verified Carbon Standard 902





LAS PIZARRAS Hydroelectric PROJECT

Peru

The Las Pizarras Project in Peru is a new run-of-river hydroelectric power project located at approx. 1,078 m.a.s.l, on the high basin of the Chancay river, in the district of Sexi, province of Santa Cruz, region of Cajamarca, in Peru.

The total installed capacity of the Project will be of 18 MW, with an electricity generation potential of 103.32 GWh per year. The Project aims to generate renewable electricity by using water from the Chancay river and supply this energy to the National Interconnected Electric Grid (SEIN). The Project will have an expected minimum operating lifetime of 40 years.

The Project is expected to avoid the emission of 68,132 tons of carbon dioxide equivalent (tCO2e) per year, which will amount to 681,323tCO2e for the first crediting period of 10 years.

Estimated Annual Emission Reductions 68,132 t CO2

Standard VCS 1348

Category	
Carbon	



Infravest Windkraftprojekt 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 m2 of land, encouraging local biodiversity.

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

Category Carbon Standard Gold Standard





Orange Suvaan Solar Photovoltaic Power Project in Maharashtra

India

Solar Energy for India

M/s Orange SuvaanEnergy Private Limited (OSEPL) is constructing a solar energy project in the village of Mhasaleim district of Dhule, Maharasthra, with a capacity of 100 MW (50 x 2 phases).

The aim of the project activity is to generate electrical energy through the operation of a photovoltaic solar power plant. The total installed capacity of the project activity is 100 MW.

The objective of the Project Activity is the generation of electrical energy using solar energy through the operation of photovoltaic solar panels.

The electricity generated by the project will be exported to the Indian power grid. The Project Activity will therefore displace a corresponding amount of electricity that would otherwise have been generated by the dominant fossil fuel based electricity grid.

Category Carbon Standard Gold Standard 5928



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 carbondioxide emission reduction per year. In addition to the CO2, the project will reduce SOx and NOx emissions which arise from electricity generation from mainly coal power plants.

Category Carbon Standard Gold Standard 2544





Kikonda Forest Reserve

Uganda

The project is located 30km south east of the City of Hoima in the catchment of the Kafu River in central Uganda.

The project activity includes an eligible planting area of 7,321 ha complemented by non eligible land and conservation areas of 4861 ha, adding up to a total of 12,182 ha.)

Category	Standard
Carbon	Gold Standard GS2990





TOYOLA Promoting Improved Cooking practices

Nigeria

The project involves manufacturing and distribution of efficient charcoal cookstoves that would replace the inefficient cookstoves currently being used in the host country of Nigeria. The project will help thousands of families, small and medium commercial entities in Nigeria and will reduce the Green House Gas emissions.

The project activity involves replacement of existing in-efficient cookstoves being used by majority of Nigerian population with highly efficient Toyola Cookstoves.

Over 71% of Nigeria's population, mainly poor people, cooks with solid fuel in inefficient traditional Cookstoves and open fires resulting in serious indoor air pollution. Due to this, Nigeria records the highest number of indoor air pollution related deaths, averaging 64,000 annually, especially among women and children in poor families (Source: Clean Cooking Alliance). This is why Toyola Cookstoves is primarily target at the majority, the poor part of the population.

The project described here will reduce greenhouse emissions by disseminating fuel-efficient charcoal stoves. The project is based on work by Toyola Energy Limited (TEL) in clean cookstoves space over past 10 years in various parts of Africa. TEL was established in 2003. It is owned and managed by highly educated and trained entrepreneurs. TEL was part of 50 informal metal artisans selected and trained by EnterpriseWorks Worldwide to fabricate the "GYAPA" charcoal efficient cook stoves.

Category Carbon | Standard Gold Standard GS7312