CERTIFICATE

CLIMATE CONTRIBUTION

PVF Mesh & Screen Technology GmbH

CERTIFICATE NO.	DATE OF ISSUE	VALID UNTIL
DE-2812-0228	07.01.2021	22.01.2027

CONFIRMATION OF THE CLIMATE CONTRIBUTION

For the stated amount of 158 tonnes of CO_2, certificates from recognised climate protection projects were purchased and officially retired.

The purchase and retirement of these certificates enable the financing and implementation of the named climate protection projects.

By supporting these verified projects, PVF Mesh & Screen Technology GmbH makes a voluntary contribution to global climate protection.

The purchase and retirement of the certificates support the climate protection projects listed in the annex:

Dipl.-Ing. Frank Huschka

Climate Extender GmbH
Managing Director

CLIMATE EXTENDER

PVF Mesh & Screen Technology GmbH supports the following climate protection projects:





MANGOLI WIND POWER PROJECT

India

Standard: Verified Carbon Standard (VCS)

46MW MANGOLI WIND POWER PROJECT IN KARNATAKA

The project
The project activity is the installation of a 46 MW wind power project in Bijapur district of Karnataka. The objective of the project is to generate clean electricity through the utilisation of wind energy. The project consists of 23 Vestas V110 wind turbine generators (WTG) with a capacity of 2.0 MW each. As wind energy is free of greenhouse gas emissions, the electricity generated will avoid the anthropogenic gas emissions produced by thermal power plants using fossil fuels such as coal, diesel, fuel oil and gas.

Estimated annual emissions reduction
120,268

Category	Standard
Carbon	VCS 1771





Zorlu Enerji Wind project

Pakistan

Standard: Gold Standard

The Zorlu 56.4 MW Wind Farm Project will contribute to local sustainable development in the project area by exerting the following effects:

Economic development: Pakistan is currently facing acute energy supply bottlenecks. The project activity is expected to generate an estimated amount of 159,010 MWh per year and will therefore contribute to a reduction in the number of black-outs and brown-outs experienced by other Pakistani grid users. This can help to improve the economic performance of other businesses connected to the grid and supports economic growth in Pakistan.

Social development: The project will offer job opportunities for local people during the construction phase and the operational period, thus creating income opportunities and contributing to a higher living standard in the region.

Environmental development: By avoiding air pollution from fossil-fuel power plants and reducing greenhouse gas emissions significantly, the project has positive effects for the local environment and improves Pakistan's climate balance.

Technological development: The project activity is the first of its kind in Pakistan. By adopting foreign manufacturer wind turbines, the project initiates an important transfer of technical know-how to Pakistan, and can act as a pioneer in promoting the spread of this technology to other wind power projects in this country.

Category		Standard
Carbon	|	Gold Standard 3946