CARBON NEUTRAL COMPANY

DOCERAM GmbH supports the following UN goals for sustainable development:

DOCERAM GmbH

MOESCHTER GROUP

Participant ID: DE-3079-0901
Valid until: 01.09.2025

This certificate guarantees that the reported quantity of 559 tons CO_2 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.

DOCERAM GmbH 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.

DOCERAM 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

CLIMATE EXTENDER

Verified Carbon Standard
A VERRA STANDARD

Gold Standard
Climate Security & Sustainable Development

DOCERAM GmbH supporting climate protection projects:

BUNDLED SOLAR PHOTOVOLTAIC PROJECT BY ACME

India

The proposed project activity is a step towards supporting the implementation and installation of grid connected renewable solar energy power plants in India. The implementation of project activity ensures energy security, diversification of the grid generation mix and sustainable growth of the electricity generation sector in India. The main goal of project activity is to implement renewable energy projects in the country and the significant importance of revenues from sale of Verified Carbon Units (VCUs) to achieve this goal forms the basis of the implementation of this project activity.
The project activity is a voluntary action and each SPV will be the Project Proponent for their project activity. ACME Cleantech Solutions Private Limited as a parent company formed different SPV (Special Purpose Vehicles) for solar projects and projects are developed by name of SPVs. There are no mandatory laws or regulations existing in India requiring PP or any other party to develop a programme for renewable generation plants.

Category		Standard
Carbon	|	VCS VER 1753

HIGH EFFICIENCY WOOD BURNING COOKSTOVES IN MALAWI

Malawi

The project involves distribution of fuel-efficient improved cookstoves (ICS) in Malawi.

The ICS disseminated through this project will replace the baseline cookstoves. Through this project, the distribution and installation of approximately 500,000 ICS will be undertaken for households in Malawi. It is intended that under this project single pot, TLC-CQC Rocket Stove will be distributed. The ICS will burn wood more efficiently thereby improving thermal transfer to pots, hence saving fuel. Not only will this halt the rapidly progressing deforestation in Malawi but will also reduce health hazards from indoor smoke pollution and women and children will have to spend less time collecting firewood.

Category		Standard
Carbon	|	VCS VER 2342

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 m2 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

Biomass Power Project 20MW at Godawari Power and Ispat Limited

India

Godawari Power and Ispat Limited (GPIL) has installed a 20MW biomass based power project at Siltara, Raipur. The purpose of the project activity is to generate electricity using renewable biomass residues i.e. rice husk to reduce GHG (CO2) emissions. As biomass is a CO2 neutral fuel, the power produced by the GPIL from renewable biomass will have zero GHG emissions. Also as it is replacing fossil fuel intensive based power generation from Indian grid, thereby results in reducing emissions from such fossil fuels.

In the project activity, biomass shall be combusted in the boiler for producing high pressure steam to generate 20MW electricity. The total annual generation of electricity from the project activity will be 126.72 GWh. The rice husk will be collected from a radius of 50km from projectsite. The project has obtained the requisite clearances and is commissioned on 01 November 2010.

Government of India has stipulated the following indicators for the sustainable development in the interim approval guidelines for Gold Standard projects.

Social and Economic wellbeing: The project would lead to generation of direct and indirect employment and improving economic condition of the area. The project activity adds income to the farmers by providing added economic value to the produce of farmers by procuring rice husk from the rice mills. This will definitely help the
millers to pay better price to the farmers for their paddy crop.
Since the biomass resources are to be collected and transported to the plant site from the fields, opportunities are being generated for the rural people to collect and transport the biomass residues. The rice husk transportation to site will provide employment opportunities to a number of trucks and other similar vehicles will be making trips to project site throughout the year. This will increase the transport related income and employment. The above benefits due to the project activity ensure that the project would contribute to social and economic wellbeing in the region.

Environmental wellbeing: The project activity utilises biomass potential available for power generation, which
otherwise is left un-utilised (left to decay or burnt). Thus it aids in the resource utilization and avoids pollution due to burning / dumping of biomass in nearby areas. Further, project activity replaces part of power generated in the grid using predominantly fossil fuels such as coal, lignite and gas. The project would not result in increase of GHG emissions and cause no negative impact on the environment.

Technological wellbeing: Successful implementation of this project would encourage other promoters to adopt
similar technology in the relevant sector and hence the project leads to technological wellbeing.

Category		Standard
Carbon	|	Gold Standard 3547