

CARBON-FRIENDLY COMPANY



Erler + Pless GmbH CCF 2023 supports the following UN goals for sustainable development:



Erler + Pless GmbH CCF 2023

ERLER +
PLESS

Participant ID: DE-3954-0823
Valid until: 23.08.2025

This certificate guarantees that the reported amount of 283 tons of CO₂ has been accounted according to the standard of the Greenhouse Gas Protocol. The amount of 96 tons of CO₂ has been offset with Gold Standard and VCS verified international carbon offset projects.

Erler + Pless GmbH CCF 2023 has acquired shares (certificates) in climate protection projects corresponding to the calculated volume of CO₂ and therefore plays a transparent part in the realisation of the projects. This ensures that the company compensates for its own CO₂ emissions, and thus scales back the rise in global warming.

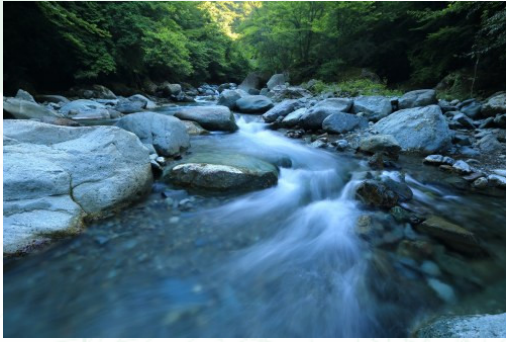
The projects have been certified, and the issue and closure of the certificates is registered transparently.

Erler + Pless GmbH CCF 2023 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



Erler + Pless GmbH CCF 2023 supporting climate protection projects:



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

Category	Standard
Carbon	VCS 1348





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

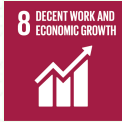


Renewable Energy from Biomass, UPPPL, India Andhra Pradesh

India

Addressing methane emissions and promoting a sustainable use of resources in rural farms

Fueled by poultry litter, this innovative project feeds renewable electricity back to the grid. This displaces electricity from thermal power plants in the Andhra Pradesh region, reducing emissions and supporting the expansion of the renewable energy industry. As the poultry litter is collected rather than left to decay in open fields, odour and sanitation are improved for the local villages, while job opportunities provided by the plant help boost the economy.



The Context

Prior to the project, litter from the local poultry industry was dumped in landfill pits near the farms, which resulted in methane being released freely into the atmosphere. In the first two decades after its release, methane is 84 times more potent than carbon dioxide in terms of heating up the atmosphere. This project is connected to the Southern Regional Electricity Grid of India, which is dominated by thermal power plants.

The Project

The project involves installing a 7.5 MW capacity generator to burn poultry and biomass waste, including litter and rice husks, that will be collected from local farms. Besides the small internal consumption, the energy will be exported to the grid.

The Benefits

By feeding into the grid, the project displaces electricity generated from fossil fuels, thus avoiding the associated emissions. In addition, it helps to avoid the methane emissions arising from poultry waste being disposed of in anaerobic lagoons in the surrounding fields. This improves the environment, in terms of sanitation and odor for the nearby villages resulting in better health and living conditions. The project also creates a number of job opportunities, a share of which goes to the local communities, boosting the regional economy, while training provides staff with skills that could help other renewable energy projects flourish.

Category	Standard
Carbon	Gold Standard 3072