

CARBON NEUTRAL COMPANY



O.T.S Astracon air + sea transport systems GmbH Ostfildern supports the following UN goals for sustainable development:



O.T.S Astracon air + sea transport systems GmbH Ostfildern



O.T.S. ASTRACON
AIR+SEA TRANSPORT SYSTEMS

Participant ID: DE-3211-0111
Valid until: 05.04.2026

This certificate guarantees that the reported quantity of 167 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.

O.T.S Astracon air + sea transport systems GmbH Ostfildern 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.

O.T.S Astracon air + sea transport systems GmbH Ostfildern 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

O.T.S Astracon air + sea transport systems GmbH Ostfildern 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

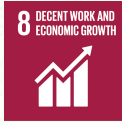


Renewable Energy from Biomass, UPPPL, India Andhra Pradesh

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