



CLIMATE COMPENSATED
BUSINESS

CEMA_{sys}.com
sustainability management

CLIMATE CERTIFICATE 2020

CEMA_{sys}' Climate Certificate™ is hereby issued as a proof of purchase of carbon credits for voluntary offsets of own greenhouse gas emissions. The carbon credits have been issued in accordance to the relevant standard's protocols and tracked in the registry using unique serial numbers to prevent double counting or double selling.

Company	CEMA _{sys} .com AS
Offsets cover	Twice the emissions from own business activities
Volume (tonnes CO ₂ e)	20,8
Type	CER (Certified Emission Reduction)
Issuing body	UN
Project name	Biomass Based Power Generation Project in Maharashtra, India
Project reference	https://cdm.unfccc.int/Projects/DB/SGS-UKL1288172340.56/view

The carbon credits have been retired from the registry permanently, so that no one else can hold or retire them. For more information, see the project description.

Oslo, 11. March 2020

Kjetil Selmer-Olsen

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CDM 4078 - Biomass based power generation project in Maharashtra, India

The project produces electricity from agriculture biomass residuals such as rice husk to generate power in a sustainable manner.

The plant is connected to the electricity supply network and will after meeting the auxiliary power requirements, supply the area with clean renewable electricity. The project reduces the need for fossil fuels, and hence contributes in reducing the emission of greenhouse gases.

The project encourages the adoption of clean technologies for power generation and bring participation from the private sector to promote such technologies. The project also contributes to the energy security in the region.

The state of Maharashtra is currently facing two problems regarding power supply – first it has a generation deficit in electricity supply, and second, the electricity supply relies overwhelmingly on coal and oil-based power generation.

A renewable energy plant such as this reduces the need for fossil fuels. The project fulfils the criteria for becoming a CDM project (Clean Development Mechanism) and has been possible to establish thanks to the CDM validation and the following issuing of Certified Emission Reduction (CER) credits by the UN.



Rice husk used as a source of energy.

Supporting UN Sustainable Developments Goals (SDG)



By replacing the use of fossil fuels as a source of energy, the project reduces global CO₂-emissions by 50 000 tons CO₂/year.

For more information about the project, please refer to the CDM project 4078 at UNFCCC website:

<https://cdm.unfccc.int/Projects/DB/SGS-UKL1288172340.56/view>