PROJECT SUMMARY

Kansas - Carbon Optimum Corp. & EVRG

Project holder	Carbon Optimum Corporation

Account holder	Carbon Optimum Corporation
Legal representative	Alix Stroiazzo
Tax Identification Number (NIT)	88-3927350
Email address	alix@carbonoptimum.com
Phone	+ 1 917 4355345
Address	Carbon Optimum Corporation - Brandywine Plaza - 1521 Concord Pike Suite 201 Wilmington DE 19803 USA
City	Lantana
Contact person	Alix Stroiazzo

Sector	Energy industries (renewable sources / energy efficiency)
Type of Project	Biomass Energy

Project description	A net zero emissions company which has developed a solution to permanently capture and neutralize CO2 emissions. The project is decarbonizing a Coal Fire Plant (electricity generation) We are capturing, neutralizing and processing CO2 from the Industrial emitter, while GHG and environmental waste, by effectively containing and utilizing flue gas emissions, solid and liquid waste in our conversion process. We neutralize GHG permanently, by converting it into biomass. Carbon Optimum mitigates the effects of climate change on our environment, achieving net zero emissions. Our project captures GHG from EVERGY coal fire plant located in Kansas. We have successfully designed and implemented a scalable industrial process to capture CO2 into biomass from cultivating microalgae in closed photo-bioreactors (PBR). We neutralize permanently CO2 and reverse the cumulative level of CO2 in the earth's atmosphere. We additionally take wastewater and clean that in the PBRs as well.
Location	Kansas, United States of America
Project participants	Carbon Optimum Corporation (Carbon Capture & Utilization) CCUS EVERGY, Inc. (Electricity Generation)
Special category	
ODS	Goal 7: Ensure access to affordable, reliable, sustainable and modern energy for all, Goal 13: Take urgent action to combat climate change and its impacts, Goal 17: Strengthen the means of implementation and revitalize the global partnership for sustainable development
Quantification period	2024-12-01 To 2031-11-30
Methodology	BCR0002_Quantification of GHG Emission Reductions. REDD+ Projects and CDM - ACM0012_Waste energy recovery
Estimated amount of GHG reductions / removals (ton CO2e)	0.00

Project ID	BCR-US-319-1-001
Inscription date (dd/mm/aaaa)	12/10/2024

Verification Period (dd/mm/aaaa)	Verified GHG emission reductions or removals (t CO2e)	Conformity Assessment Body