

PROJECT SUMMARY

BEUAS ANIMAL MANURE METHANE RECOVERY AND UTILIZATION PLANT

Project holder	CS Climate Solutions Danışmanlık Anonim Şirketi
Legal representative of the project holder	
Email address of the project holder	
Phone number of the project holder	
Contact person of the project holder	

Account holder	CS CLIMATE SOLUTIONS
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City	İzmir
Contact person	Hande Gürsel

Sector	Waste handling and disposal
Type of Project	Organic Waste Digestion

Project description	BEUAS Animal Manure Methane Recovery and Utilization Plant is a biogas-to-energy project that captures biogas from animal manure -via anaerobic digestion- and utilizes it to generate thermal and electric energy through cogeneration units. The animal manure is collected from the neighboring animal farms with vacuum trucks and transferred to the waste receiving units. Continuously stirred tank reactor (CSTR) type anaerobic digesters are used to capture methane rich biogas. Biogas is then utilized in cogeneration units for heat and electricity generation. The thermal energy is utilized for heating anaerobic fermenters. The generated electricity is used for internal electricity requirements and supplied to the national grid. The project activity avoids methane emission through the capture and utilization processes.
Location	TİGEM Ceylanpınar Tarım İşletmeleri Müdürlüğü, Gümüşsuyu Mevkii, 4919 No'lu Parsel Ceylanpınar/ŞANLIURFA
Project participants	CS Climate Solutions Danışmanlık Anonim Şirketi BEÜAŞ Elektrik Üretim Anonim Şirketi
Special category	
ODS	Goal 7: Ensure access to affordable, reliable, sustainable and modern energy for all, Goal 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all, Goal 13: Take urgent action to combat climate change and its impacts, Goal 12: Ensure sustainable consumption and production patterns, Goal 17: Strengthen the means of implementation and revitalize the global partnership for sustainable development
Quantification period	To
Methodology	BCR0001_ARR Activities
Estimated amount of GHG reductions / removals (ton CO2e)	180,000.00

Project ID	BCR-TR-815-13-003
Inscription date (dd/mm/aaaa)	03/11/2022

Verification Period (dd/mm/aaaa)	Verified GHG emission reductions or removals (t CO ₂ e)	Conformity Assessment Body
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