

PROJECT SUMMARY**ASKOC DIYARBAKIR BIOGAS PLANT**

Project holder	CS Climate Solutions Danışmanlık Anonim Şirketi
Account holder	CS CLIMATE SOLUTIONS
Legal representative	Umut Önder
Tax Identification Number (NIT)	2150595685
Identification	37777748910
Email address	hande.gursel@climatesolutions.com
Phone	+90 533 550 71 55
Address	Kazımdirik mah 372/12 Sokak No:11 Bornova İzmir
City	İzmir
Contact person	Hande Gürsel

Sector	Waste handling and disposal
Type of Project	Organic Waste Digestion
Project description	<p>Askoç Diyarbakır Biogas 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 neighbouring 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.</p>
Location	Övündüler Mahallesi Diyarbakır Tarıma Dayalı İhtisas Besi OSB, 25. Sokak No:8 Bağlar/Diyarbakır/TÜRKİYE

Project participants	AS KOÇ Enerji Tarım Hayvancılık Gıda İnşaat Sanayi ve Ticaret Anonim Şirketi CS Climate Solutions Danışmanlık 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 12: Ensure sustainable consumption and production patterns, 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	To
Methodology	CDM - ACM0010_GHG emission reductions from manure management systems and CDM - AM0073_GHG emission reductions through multi-site manure collection and treatment in a central plant
Estimated amount of GHG reductions / removals (ton CO2e)	290,000.00
Project ID	BCR-TR-815-13-001
Inscription date (dd/mm/yyyy)	03/11/2022

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