

PROJECT SUMMARY

ATLAS BURDUR 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	Atlas Burdur 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 neighbouring animal farms with vacuum trucks and transferred to the biogas plant. 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 is being implemented by the project owner, Burdur Yenilenebilir Enerji ve Entegre Atık Yönetimi Sistemi Limited Şirketi, Burdur province, in Turkey. The project activity avoids methane emissions through the capture and utilization processes.
Location	Merkez İlçesi, Necatibey Mahallesi, Akdeniz Bulvarı, No:107 Merkez/Burdur/TÜRKİYE
Project participants	Burdur Yenilenebilir Enerji ve Entegre Atık Yönetimi Sistemi Limited Şirketi CS Climate Solutions 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)	210,000.00
Project ID	BCR-TR-815-13-002
Inscription date (dd/mm/aaaa)	03/11/2022

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