

PROJECT SUMMARY**ATLAS BURDUR ANIMAL MANURE METHANE RECOVERY AND
UTILIZATION PLANT**

Project holder	CS Climate Solutions Danışmanlık Anonim Şirketi
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Account holder	CS CLIMATE SOLUTIONS
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Sector	Waste handling and disposal
Type of Project	Organic Waste Digestion

Project description	<p>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.</p>
Location	<p>Merkez İlçesi, Necatibey Mahallesi, Akdeniz Bulvarı, No:107 Merkez/Burdur/TÜRKİYE</p>
Project participants	<p>Burdur Yenilenebilir Enerji ve Entegre Atık Yönetimi Sistemi Limited Şirketi CS Climate Solutions Anonim Şirketi</p>
Special category	
ODS	<p>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</p>
Quantification period	<p>To</p>
Methodology	<p>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</p>

Estimated amount of GHG reductions / removals (ton CO2e)	210,000.00
Project ID	BCR-TR-815-13-002
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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