

55.560

SAVED EMISSIONS
TONS CO2 EQ /YEAR

BRASCARBON METHANE RECOVERY PROJECT

Brazil

FOKUS ZUKUNFT

PROJEKT-ID: 3056 FZ-ID: 2602

Methane Emission Reduction in Pig Farming in Brazil

In the Brazilian state of Mato Grosso do Sul, a climate protection project is reducing methane emissions from pig farming. Across seven farms, open manure lagoons have been replaced with enclosed biodigester systems. These systems capture the methane generated during manure decomposition and combust it in a controlled process, preventing its release into the atmosphere.

Beyond reducing greenhouse gas emissions, the project improves air quality, reduces unpleasant odours and protects groundwater resources. The treated effluent can also be reused for agricultural irrigation. At the same time, the project creates skilled jobs and supports farms in improving their environmental standards. Financing through carbon credits enables the long-term operation and maintenance of the systems.

More information.

Overview of the project data:

55.560
SAVED EMISSIONS
TONS CO2 EQ /YEAR

392.730
SAVED EMISSIONS
TONS CO2 EQ TOTAL



ICONTEC
VALIDATOR

CERTIFICATE STANDARD

Verified Carbon Standard
A VERRA STANDARD

FOKUS ZUKUNFT

PROJEKT-ID: 3056 FZ-ID: 2602

BRASCARBON METHANE RECOVERY PROJECT

The project contributes to the following Sustainable Development Goals (SDGs):



Clean Water and Sanitation:

By treating manure in a controlled process, the project reduces the risk of groundwater and surface water contamination. The treated effluent can also be reused for agricultural irrigation, supporting the responsible management of water resources.



Industry, Innovation and Infrastructure:

The use of modern biodigester systems improves environmental standards and farm infrastructure. At the same time, the project promotes innovative waste treatment technologies and creates skilled jobs in their installation, maintenance and monitoring.



Climate Action:

By capturing and safely combusting methane, the project reduces greenhouse gas emissions from pig farming. An estimated 393,000 tonnes of CO_2 equivalents are expected to be avoided during the first seven-year crediting period.



Life on Land:

Improved manure management reduces the risk of pollutants entering soils and surrounding ecosystems. The project therefore contributes to protecting agricultural land and reducing environmental pollution.

PROJEKT-ID: 3056 FZ-ID: 2602

Source of the project image: https://info.starcb.com/view/685848462/