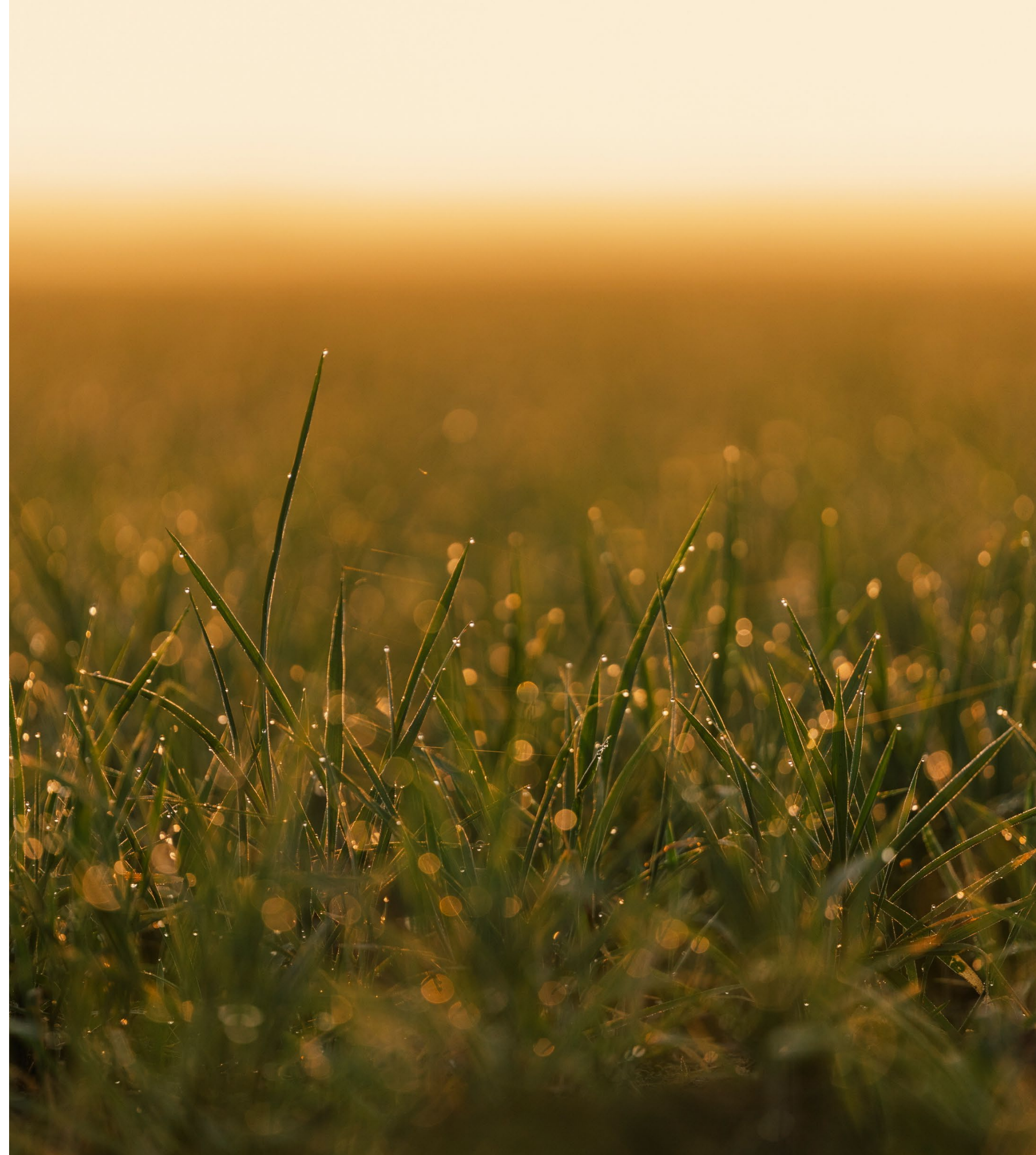




Carbon Market Opportunities in Rice Cultivation

Oportunidades del mercado de carbono en el cultivo de arroz

Rice Market & Technology Convention
May 2025



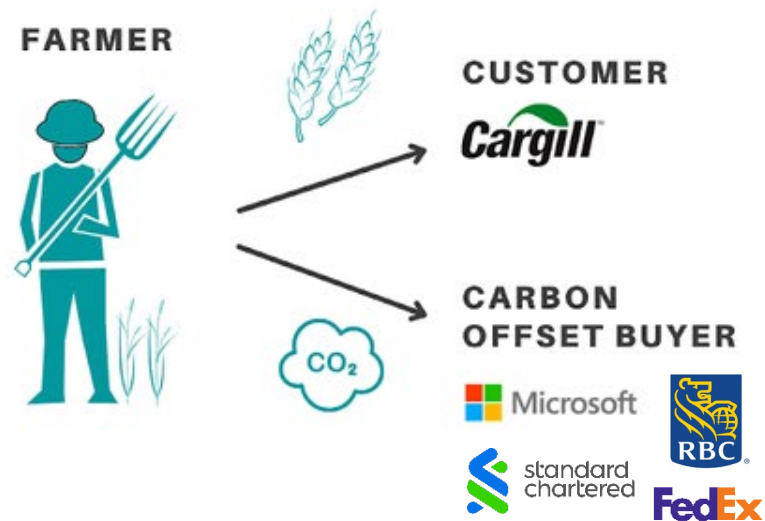
Carbon Market Overview

Sustainable farming practices reduce greenhouse gas emissions.

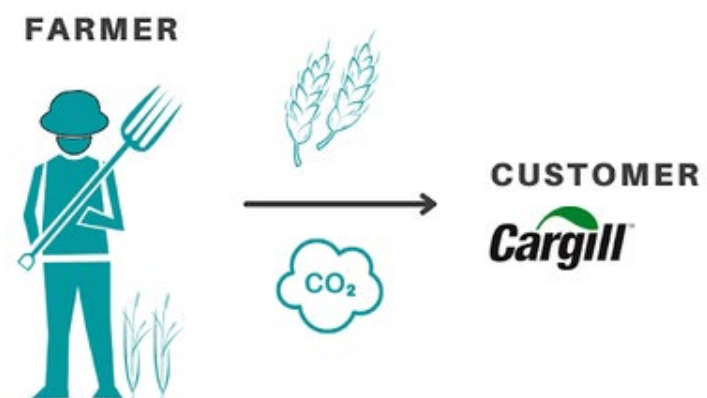
This reduction creates an “environmental asset” and is quantified as a carbon credit.

Credits are sold to businesses to offset their corporate carbon footprint, in pursuit of net zero goals.

Carbon Offset



Carbon Inset



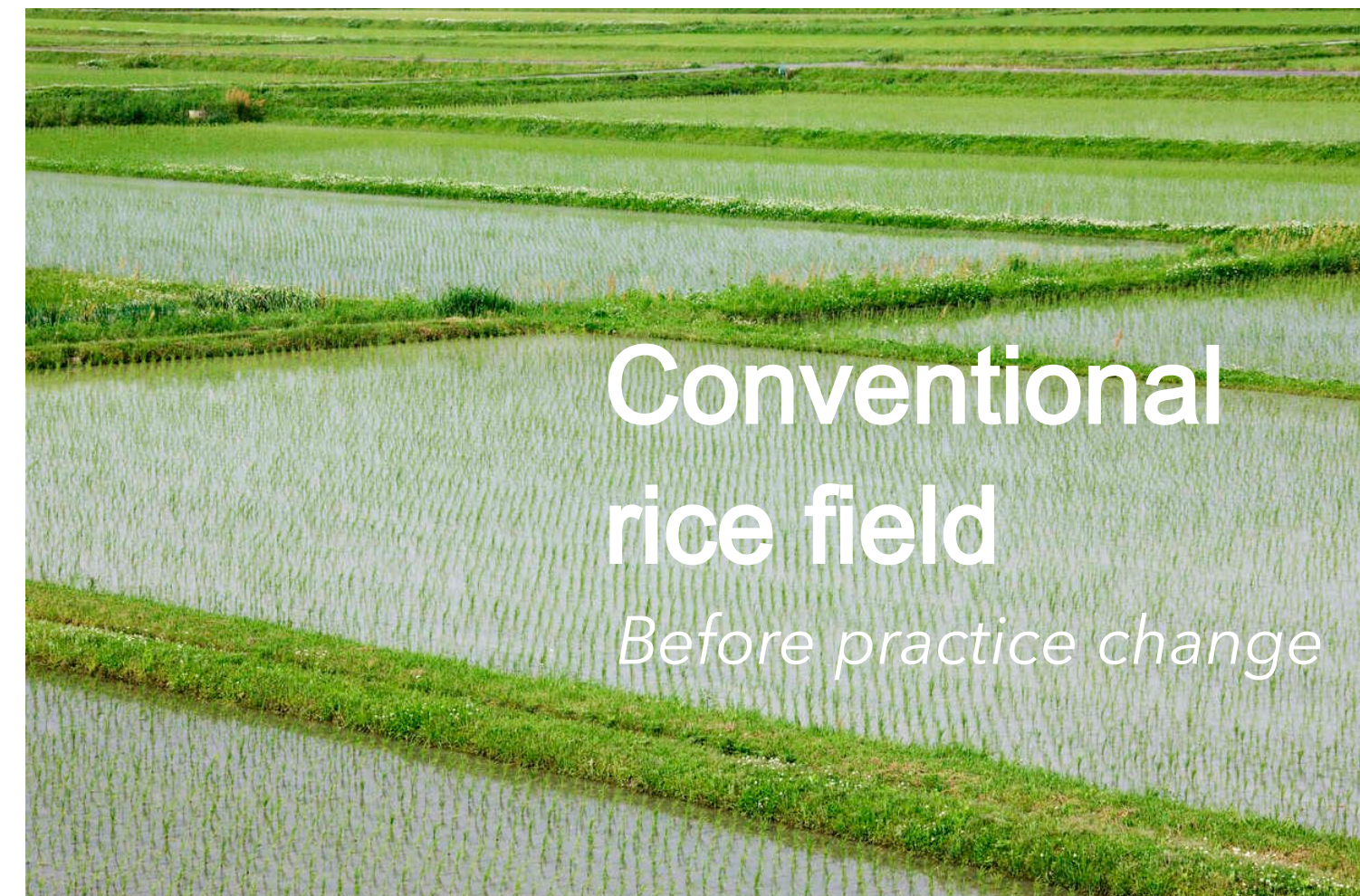
Rice Methane Reduction

Irrigation techniques **decrease methane emissions by 70%** and **reduce water use by 30%** with no yield decline, creating carbon credits.

Irrigation Practice Changes

Alternate Wetting & Drying (AWD) introduces drainage periods during the season when fields would typically be flooded.

Furrow Irrigated Rice is planted in sloped beds to allow water to flow down the field, preventing continuous irrigation.



Momentum for Rice Carbon Projects

- ✓ **Verra Improved Management in Rice Production Systems** (VM0051) launched February 2025 for international rice methane project development.
- ✓ **No permanence risk** in methane reduction projects compared to soil carbon projects which require 100 years of permanence.
- ✓ **Growing number of corporate methane pledges** and demand for climate solutions addressing super pollutants like methane.
- ✓ **Water Co-Benefits & payment stacking** create the potential to layer financial incentives for water and methane outcomes.



AgriCapture

AgriCapture monetizes sustainable rice farming by generating and selling rice methane carbon credits.

AgriCapture Rice Methane Reduction Project

First and largest rice methane reduction project in U.S. history.

As of May 2025, AgriCapture sold 33,000 carbon credits to some of the market's most sophisticated buyers.

Farmers received historic first-of-a-kind payments for adopting methane-reducing practices.

2025 enrollment and verification is estimated to span 150K acres in the Southeast United States.



International Rice Methane Project

Project development and pilot programs are underway.

To develop an international rice methane reduction project and generate revenue for rice farmers, AgriCapture needs implementation partners and farmers that are willing to adopt improved irrigation practices.

Implementation Partners needed to:

- facilitate enrollment and data sharing between the farm operator and AgriCapture.
- submit maps, farmer contracts, and grower information through the enrollment platform.
- provide technical support to growers implementing the new practice.



Partnering with NatCap to launch
Brazil pilot project May 2025



AgriCapture Carbon Program

Farmer
Responsible for implementing practices and providing evidence.

Implementation Partner
Provide maps, contracts, and supplemental data via AgriCapture enrollment platform.

 **AgriCapture**
Provide Measurement, Monitoring, Reporting, and Verification services.



Questions?



Contact AgriCapture

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Our Partners



Data Sources + MMRV

