



# Carbon Credit Projects

17 December 2025

**Mr. Thanapat Supannasud**  
**Carbon Business Development**  
**Crop Integration Business**

# Pathways to Net Zero

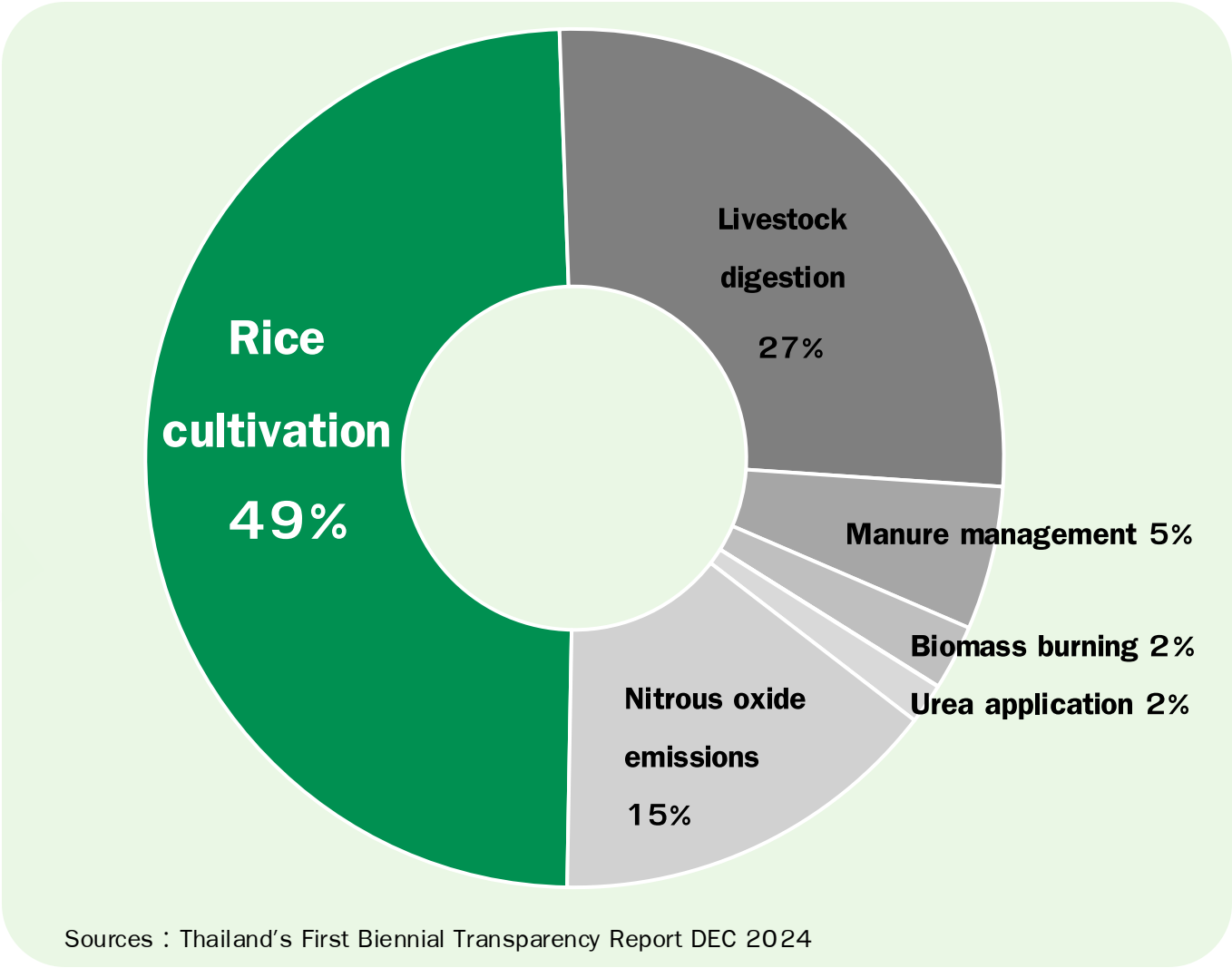
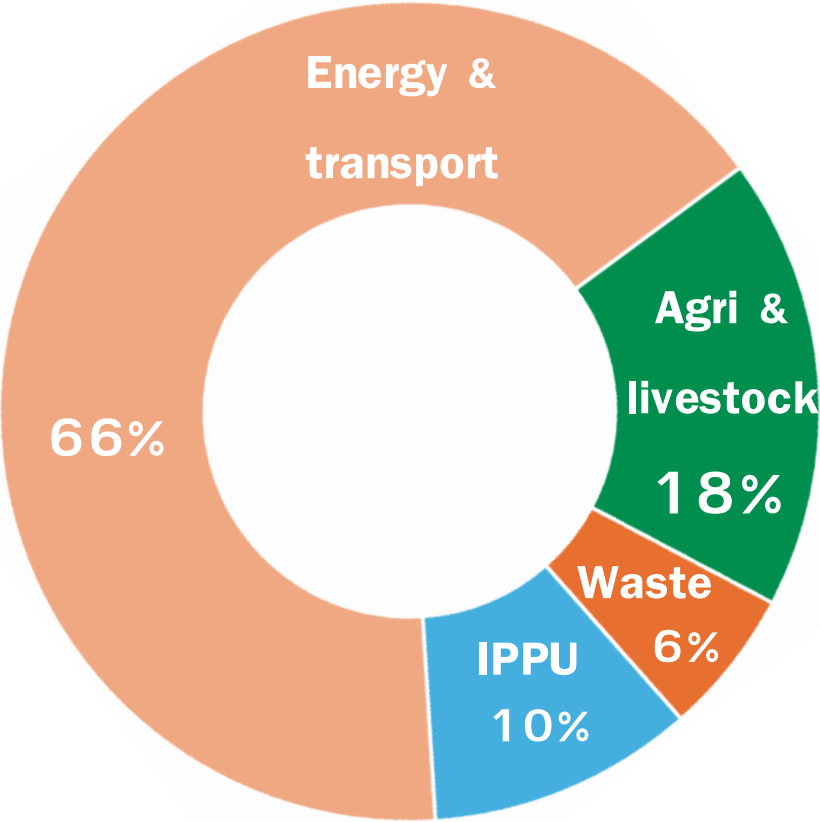


Charoen Pokphand Group places importance on climate stewardship while conducting business with responsibility by focusing on efficient natural resources management preventing risks from climate change impact and creating a long-term sustainable throughout the value chain.



# Net Zero 2050: Agriculture Is a Key Contributor

## National Greenhouse Gas



# Key Challenges in Agricultural Carbon Credit Projects

## Bridging Knowledge and Incentives

- Limited understanding of carbon credit
- Perceived complexity and additional operational burden
- Need for clear incentives and structured support

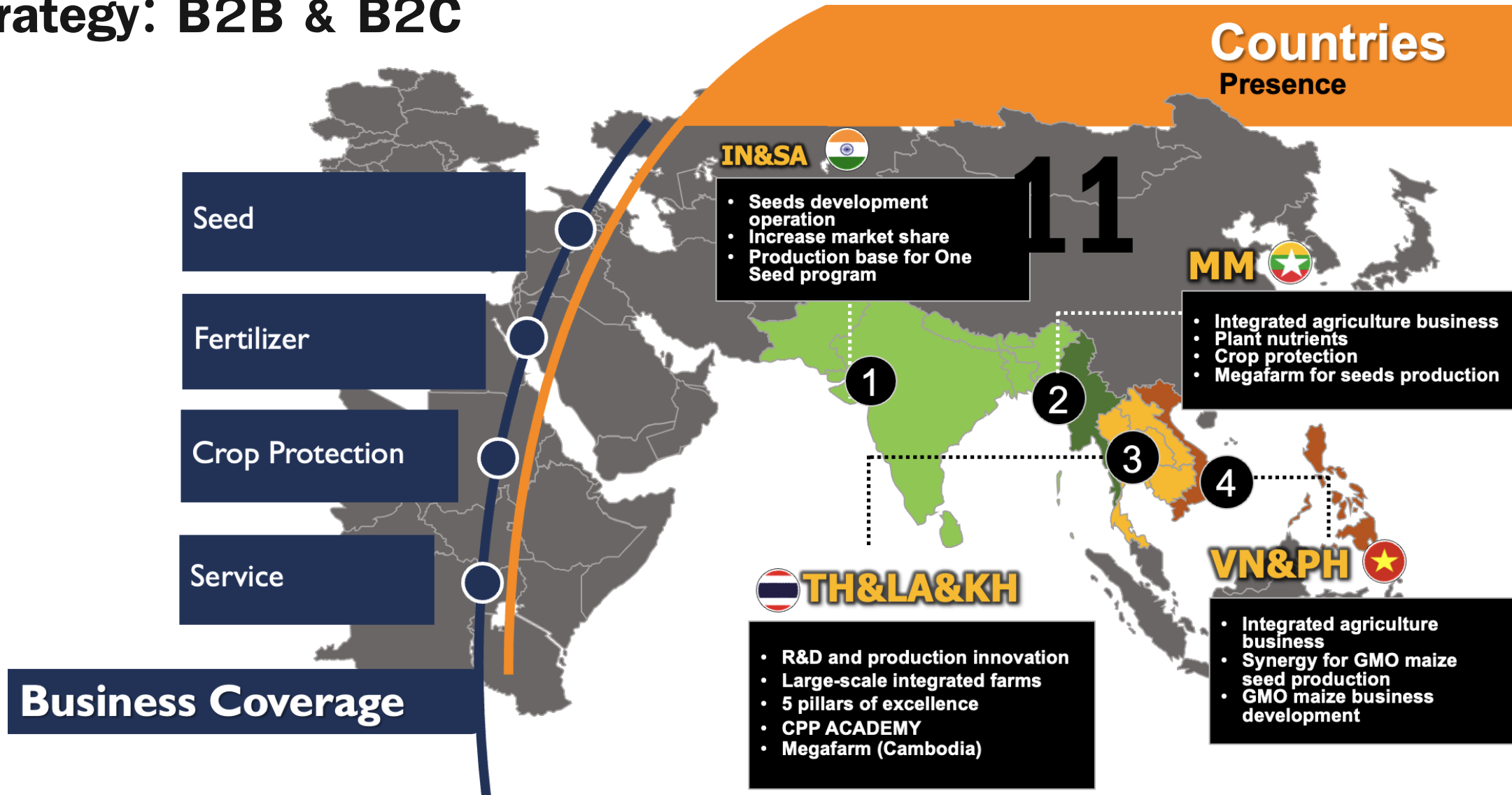
**More than 11,000 farmers**

have received training, capacity building, and continuous support through the project.



# To be a leader in integrated agriculture service

## Strategy: B2B & B2C





# Our Ongoing Project (VERRA: VM0051)

## Alternate wetting and dry (AWD) and direct seeding

This project applies water management practices to rice cultivation in the northern region of Thailand. It has successfully completed stakeholder consultation meetings and Project Design Document (PDD) is under pipeline listing.



# Our Ongoing Project (VERRA: VM0042)

## Regenerative Agriculture in Rice cultivations

This project is implemented in key jasmine rice-growing regions of Thailand. It adopts conservation agriculture practices that enhance soil organic matter and enable long-term carbon sequestration.





# Why CPP Is an Ideal Partner for JCM



## Scalable, Well-Governed, MRV-Ready

### 1) Integrated System → End-to-end chain

4 Rice mills, 4 Rice drying facility and  
20+ Paddy procurement centers

### 2) Scale & Rapid Replication

Ability to expand more than 160,000 Acres  
in 2026

### 3) Strong Farmer Network

More than 50 location of FarmPro service

### 4) MRV-Ready Organization

Data collection system, field team



Rice milling Thanyabooni



FarmPro Center



# What We Seek from JCM Partners

## Co-Creating Scalable and High-Integrity

### 1) Technology

IoT water sensors, Smart irrigation automation

### 2) MRV Collaboration

Digital AWD MRV system, Dashboard & data integration

### 3) Financial Support (40–60%)

Shared investment for field hardware, training, farmer incentive

### 4) Joint Research

SOC & CH<sub>4</sub> emission studies Baseline and monitoring protocol





Carbon Program

Thank you.