



FAEGER

Enhancing Thailand's Food Security and Sustainable Agriculture through Carbon Credits and Beyond

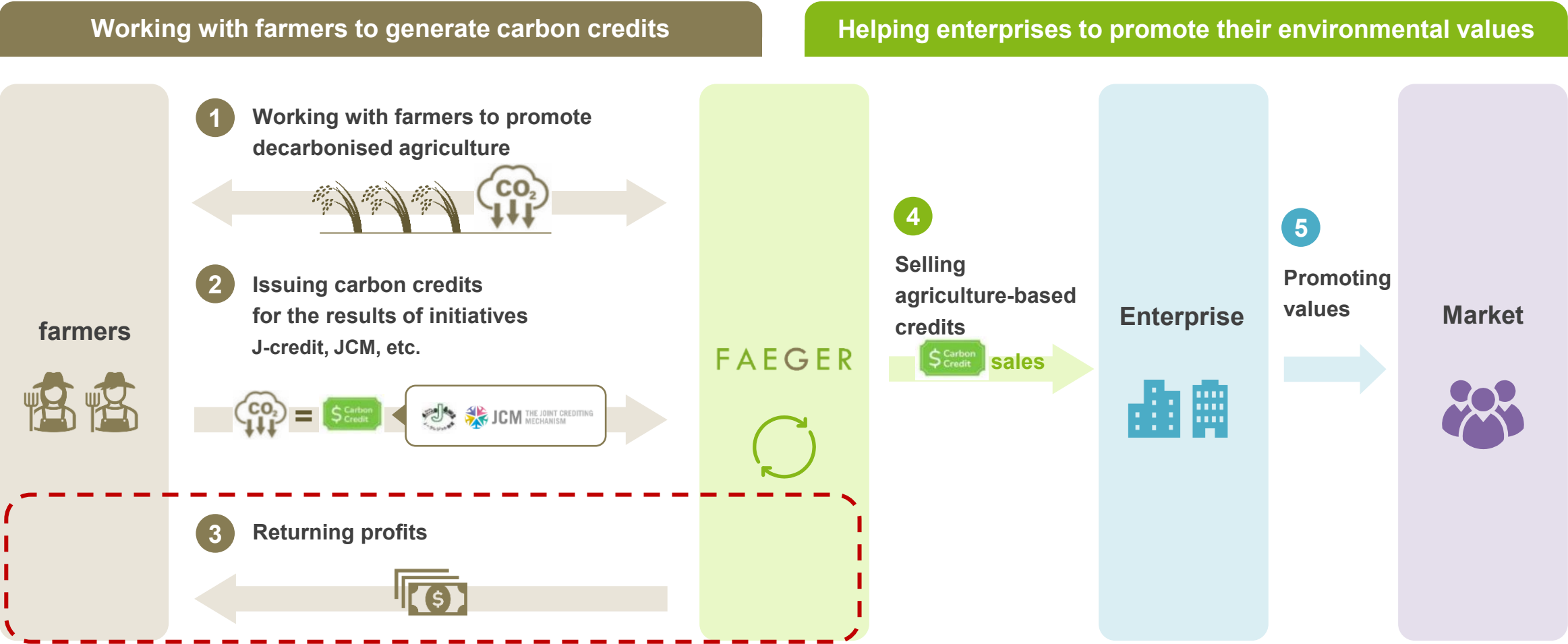
December 2025

An aerial photograph of a vast, flat landscape in Japan, featuring a large, rectangular rice paddy field in the foreground. The field is divided into several smaller sections by narrow, green earthen paths. The water in the paddy reflects the sky and the surrounding greenery. In the background, there are rolling green hills and mountains under a sky filled with large, white, fluffy clouds. A few small buildings and a road are visible in the distance.

Faeger is the No.1 Agri-based Carbon Credit Developer in Japan
And we put farmers at the center of our business model

Faeger's Carbon Credit-related Business Model

We work with farmers to generate carbon credits as well as helping enterprises to contribute to GHG reduction/removal.
 We make sure that **farmers are paid first** once the carbon credits are issued for the results of **decarbonized agriculture practices**.



Beyond Carbon Credit: Mitigation and Adaptation

To advance both climate mitigation and adaptation, **Faeger conducts R&D alongside with partners to deliver solutions that enhance farmers’ productivity and profitability**, while actively promoting agri-based carbon credit.

Mitigation

For emission reduction/removal

Carbon Credits

Provide returns for efforts put on developing environmental values using carbon credits (JCM, J-Credit and VCS)

Methodologies in Carbon Credits

- Water management (AWD etc.)
- Biochar application at farms
- Others under agriculture

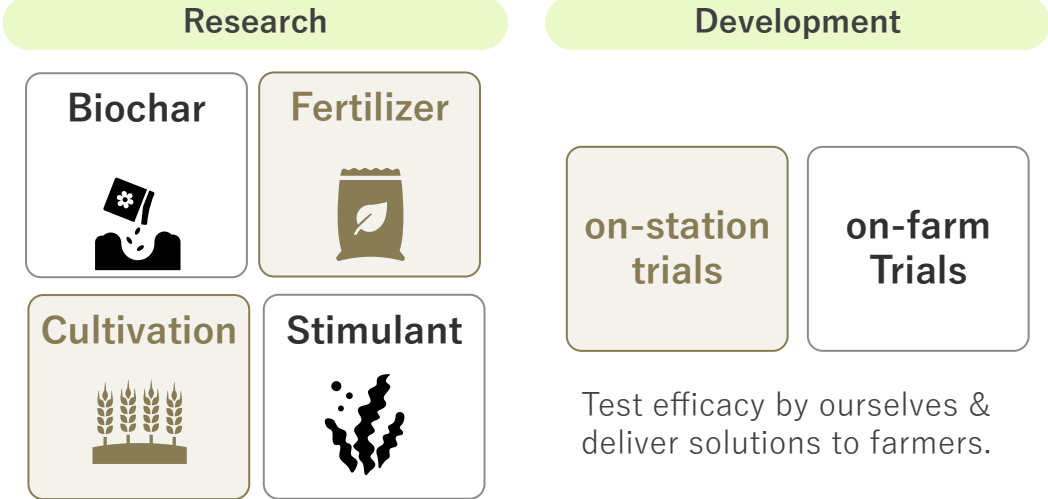


Adaptation

Countermeasures for climate change

Climate-resilient Solutions

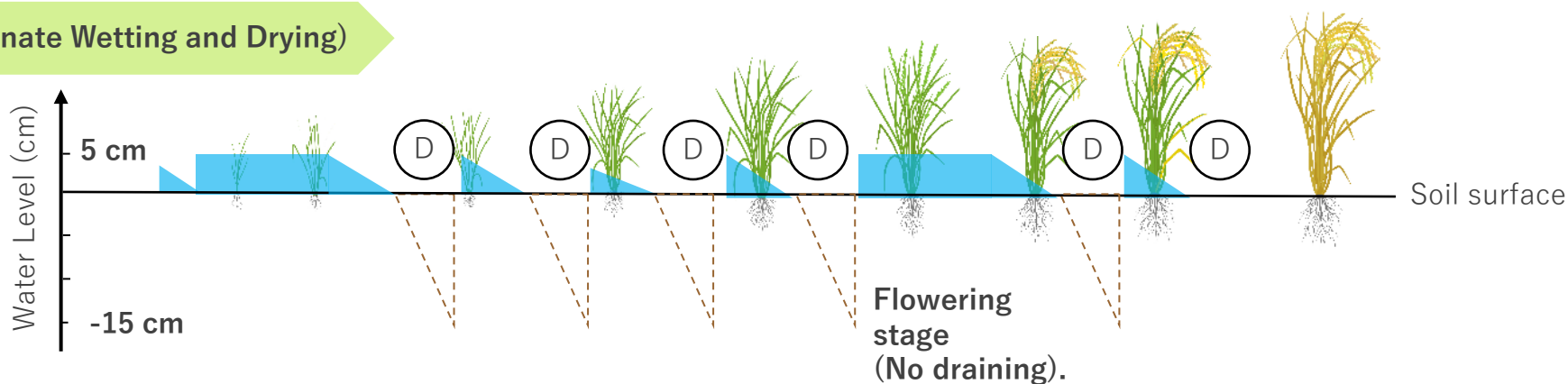
Provide agri-solution for productivity and profitability to farmers up against abiotic stress



Comprehensive Farmer Support: AWD and other technologies

AWD could be integrated with other existing or emerging technologies to boost rice productivity. By offering **comprehensive farmer support**, we contribute to both agricultural sustainability and productivity.

AWD (Alternate Wetting and Drying)



Note that in case, water level can't go down up to - 15 cm from soil surface, farmers can keep water level 0 ~ -10 cm for 10 days (must include 3 consecutive days)



- Seed Selection
- Direct seeding
- Aerobic rice



Fertilization



Mechanization



Harvesting Method



Post-Harvesting Method



Water management



Weed/Pest management



Record Keeping

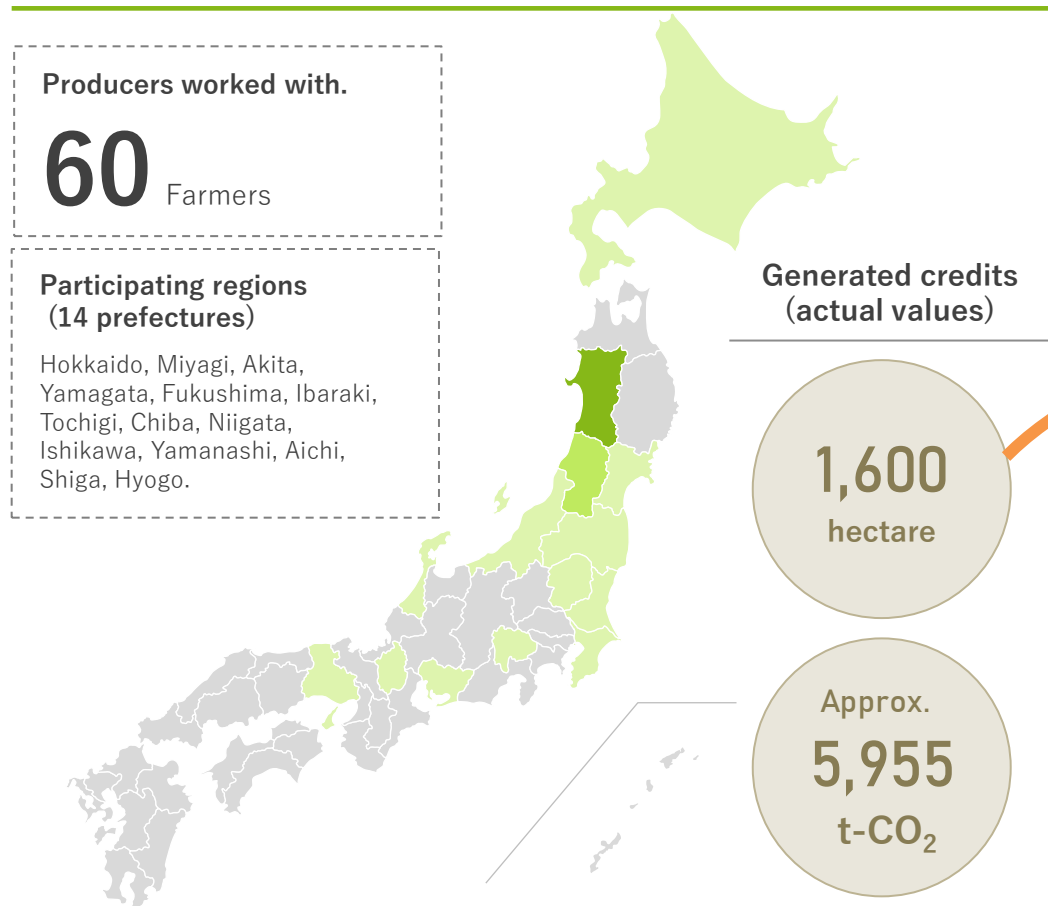
Japan: We generated 26,000ha AWD Credit as a **No.1 Credit Developer**

We are anticipating further growth in 2025, drive by **word-of-mouth recommendations** among farmers regarding Faeger's outstanding support ☺

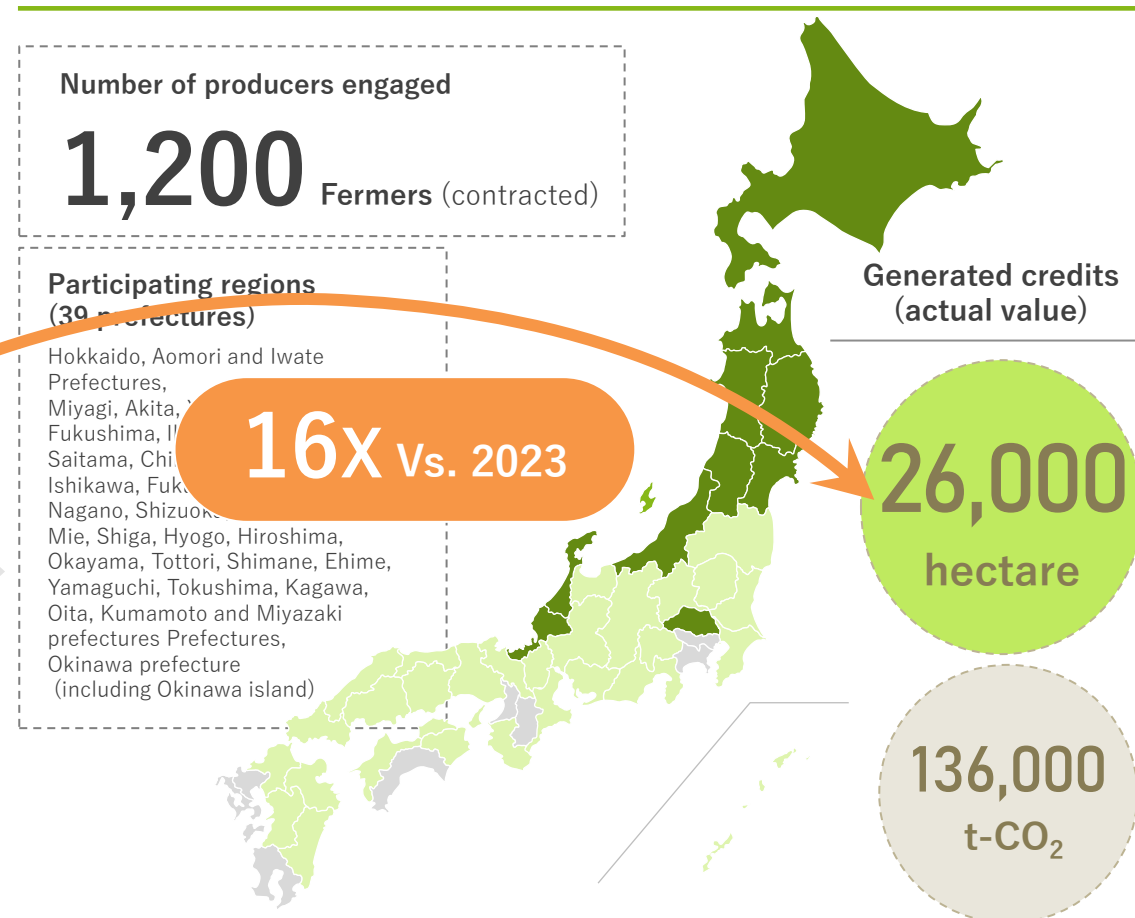
scale of commitment

- Large. Medium. Small.
- Not yet implemented areas

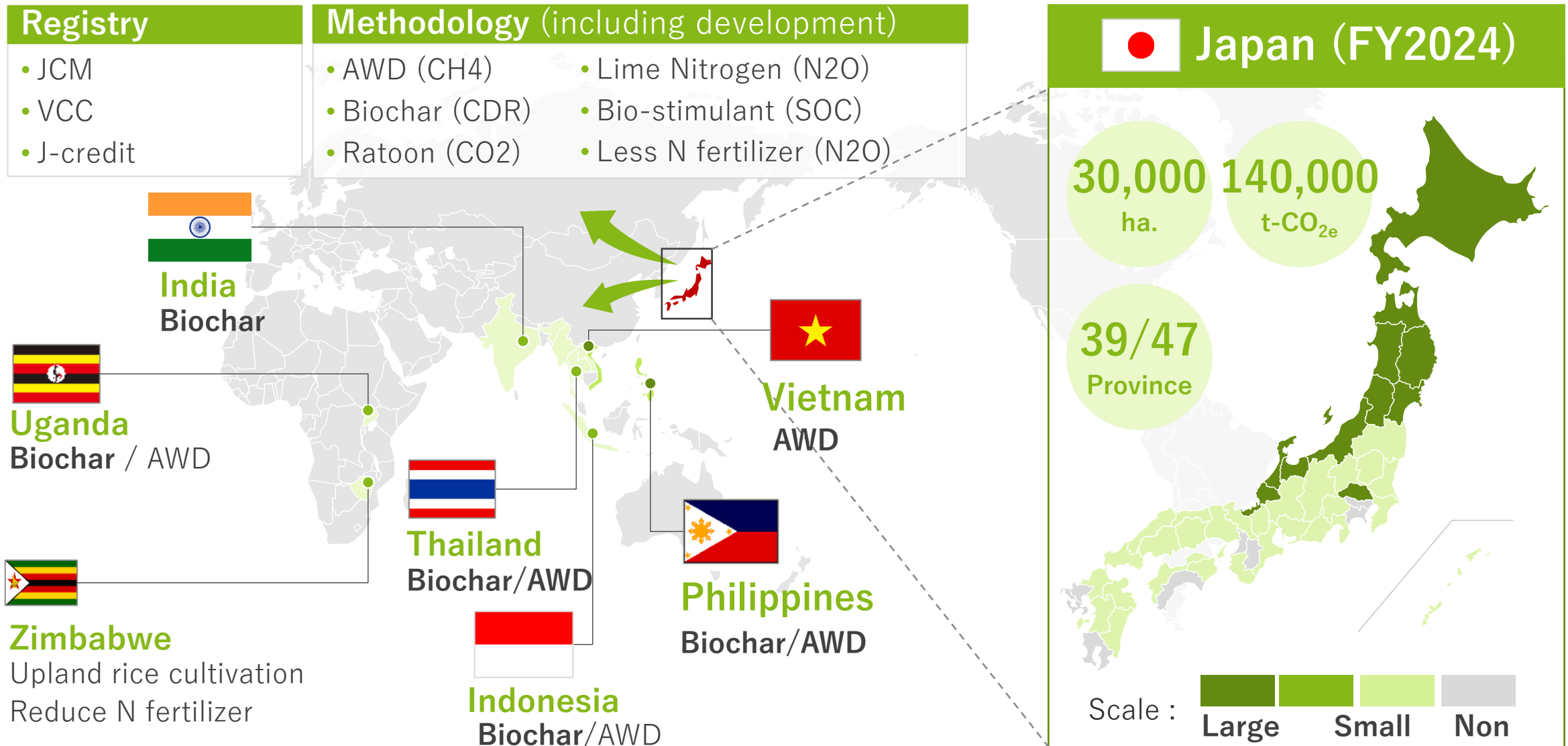
2023 Actual



2024 Actual



Global: On-going projects and pipelines in ASEAN and other regions



Large Scale JCM AWD Project in the Philippines

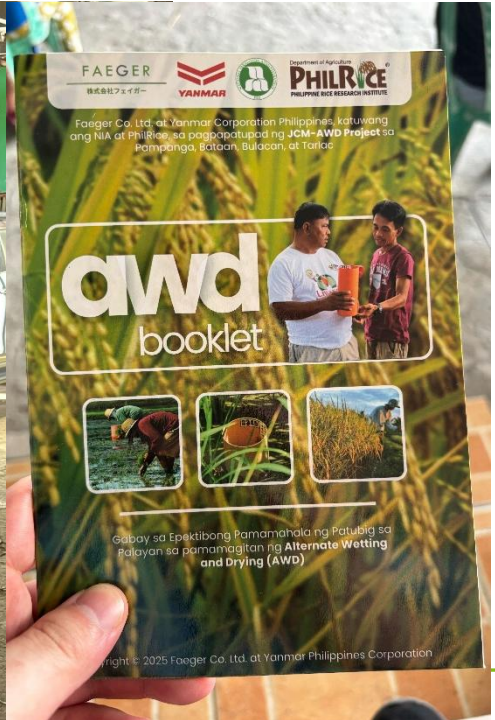


We are implementing a large-scale JCM-AWD project across Luzon Island, **in collaboration with Yanmar Philippines, PhilRice, NIA, DA and DENR** to advance both climate action and food security.



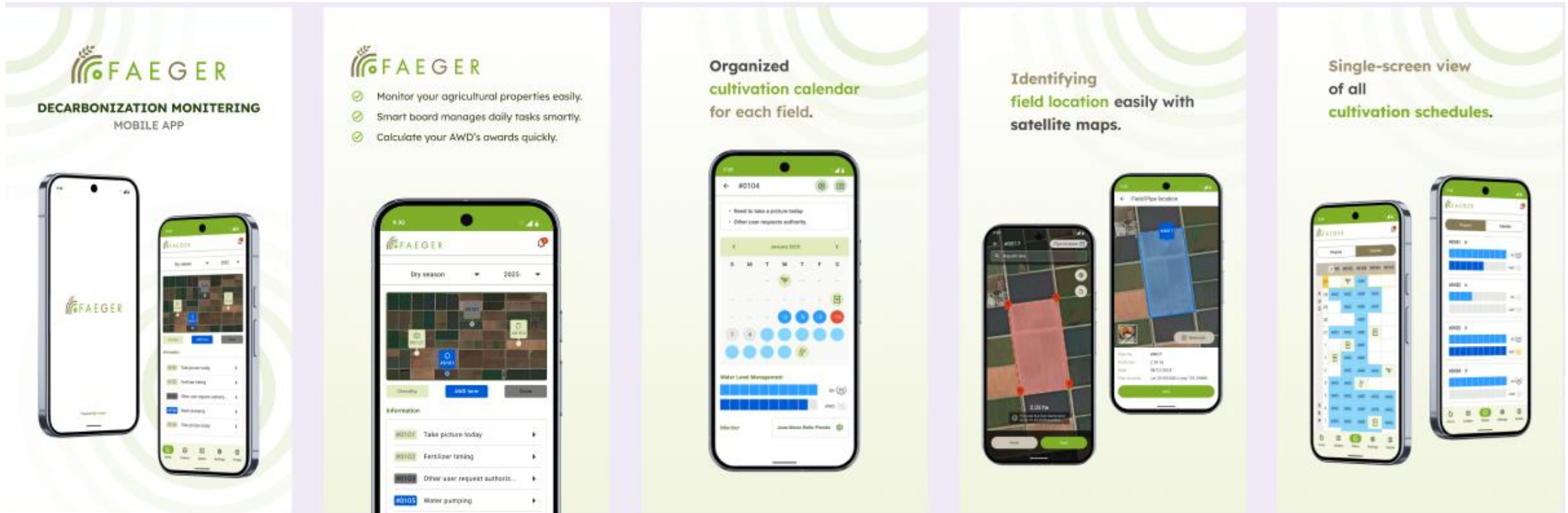
YANMAR





Digital MRV system for AWD Project via Faeger's Android App

We developed and launched **our own Android App to serve as the digital MRV system** for our JCM-AWD project in the Philippines. This application can be easily tailored and deployed for use in Thailand as well.



Public Engagement: We work closely with JICA, FAO and others

Our JCM-AWD project in the Philippines was selected as one of the projects for **JICA Biz initiatives**.

We presented at several events organized by **FAO** (Ex. World Food Forum in Rome, Digital Agricultural Event in Bangkok)



Seminar at JICA @ Tokyo, Japan



World Food Forum @ Rome, Italy



FAEGER

We would love to collaborate with local partners in Thailand!

Based on our successful implementation in Japan, Philippines, etc, we are expanding our expertise in Thailand
And we would be honored to **explore collaboration opportunities with local partners!**

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Our Strength and Key Highlights

No.1 Agri- Based Carbon Credit Developer in Japan

Comprehensive Farmers Support (AWD+α)

Digital MRV System through our own App

Strong public engagement with JICA, FAO, etc

Local Partners

Private Sector Actors

Government Agencies

Research Institutions

Development Partners

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