

---

# Beyond Flight · Comprehensive Agricultural & Industrial Solutions

---

Taiwanese Brand ×  
Maintenance Support – Enhancing Spraying Efficiency



# Company Introduction

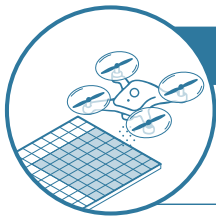
Founded in 2017, Earthgen Technology builds on the aerospace expertise of National Cheng Kung University. We specialize in the design and manufacturing of agricultural drones, applying them to pesticide spraying while integrating agricultural data and AI analysis to establish a new generation of smart spray management systems. Through backend data platforms, service matching, and agricultural analytics, Earthgen addresses labor shortages in rural areas and promotes sustainable farming with reduced pesticide use, precision agriculture, and carbon reduction.

With over a decade of experience in drone design and manufacturing, Earthgen holds multiple patents and proprietary technologies. Each drone is engineered by seasoned experts to deliver both performance and reliability. Looking ahead, Earthgen is advancing Drone as a Service (DaaS) to provide tailored digital transformation solutions across industries. With multiple service hubs in Taiwan and growing global outreach—including partnerships in Central America and Africa—we are expanding our presence worldwide.



# Beyond Products - Partner With Us on Proof of Concept Projects

Program Includes:



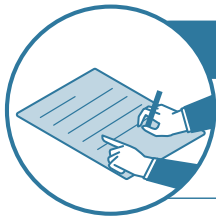
## Pilot Deployment

Field-proven drones for localized operations



## Expert Training

Focused training for local operators and technicians



## Data Optimization

Joint data collection and performance tuning



## Tailored Configuration

Customized for local crops, climate, and regulatory needs

At Earthgen, we don't just build drones—we deliver integrated solutions tailored to the evolving needs of modern agriculture.

### 1. Flexible Customization

Wide range of modular options for payloads, nozzles, and software integration—drones adapt to the field, not the other way around.

### 2. Comprehensive Training

End-to-end programs covering flight operations, agricultural practices, and maintenance, empowering farmers with independence and confidence.

### 3. Reliable Maintenance & Repair

Spare parts provisioning and technical assistance ensure high uptime and cost efficiency.

### 4. Durable Design

Built for rugged use with long-term usability in mind; installment plans available for eligible customers.

## Earthgen Core Equipment

Every Earthgen drone is built with a modular design, enabling quick swaps between pesticide and fertilizer tanks. The dual-system four-nozzle setup (centrifugal + pressure) ensures even droplet distribution across all crops. Terrain-following radar and optional Real time kinematic (RTK) enhance accuracy and safety, while spreader trays support seeding and fertilization. All components comply with Taiwan's safety standards, ensuring efficient, reliable, and versatile operations.

Included in the standard package:





50L Pesticide Tank



60kg Fertilizer Tank



1 Charger



2 Batteries

## EG7 | Large-Scale Agricultural Drone (Primary Model)

The EG7 is our premier model built for large-scale farms and professional spraying contractors. With a 50-liter payload, it is designed for high-output, high-density farmland such as expansive paddy fields, sugarcane plantations, and forage areas. Supporting long-distance and continuous operations, it delivers spraying efficiency of up to 15 hectares per hour (ha/h), making it a powerful solution for intensive agricultural demands.

The EG7 has already been adopted by agricultural co-ops in Australia and Southeast Asia, enhancing efficiency and coverage in large-scale farming.

### High Payload, High Efficiency

Covers up to 1.5 hectares per flight

### Smart Flight Planning

Supports large-area zone management

### Hot-Swappable Dual Batteries

Operate all day with fewer batteries

### Specifications

Battery Endurance: 15–20 minutes | Max Flight Range: 2 km | Wind Resistance: 10.8–13.8 m/s (Beaufort scale 7) | Camera: 1280 × 720, 30 fps





20L Pesticide Tank



20kg Fertilizer Tank



1 Charger



2 Batteries

## EG5 Next | High-Efficiency Drone for Mid-Scale Farms

The EG5 Next, equipped with a 20-liter payload, is designed for paddy fields, vegetable farms, and orchards. It is the most popular mid-size agricultural drone in our lineup, striking a balance between stability and flight duration.

With front/rear obstacle avoidance and terrain-following radar, it adapts to various terrains and crops. The dual-system four-nozzle setup with flow meters ensures precise application, delivering spraying efficiency of up to 10 hectares per hour (ha/h). Each flight lasts 15–20 minutes, making it ideal for efficient solo operations.

It is not only the primary model for contract farmers in Taiwan, but also a trusted Taiwan-made choice for Southeast Asian farmers.

### Automated Flight Navigation

High precision with no missed spots

### Crop-Specific Spraying

Adjustable for orchards, vegetables, and rice

### Solo-Friendly Operation

Lightweight, easy to maneuver, and labor-saving

### Specifications

Battery Endurance: 15–20 minutes | Max Flight Range: 2 km | Wind Resistance: 10.8–13.8 m/s (Beaufort scale 6) | Camera: 1280 × 720, 30 fps

## Application Scenarios

Earthgen brings aerospace expertise to land-based applications, delivering value in agriculture and renewable energy. Our modular drones adapt to multiple tasks and connect with data platforms for real-time monitoring and maintenance tracking. With rapid deployment, safety, and efficiency at the core, Earthgen supports farms, solar operators, and outdoor industries facing labor shortages and climate challenges.

### Agriculture



- Increases spraying and fertilization speed by over 20× compared to manual labor
- Saves up to 90% of water usage
- Protects operators from pesticide exposure and related health risks

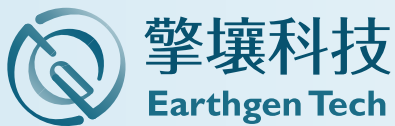
- With a nozzle kit change, drones perform high-efficiency solar panel cleaning from a safe distance
- Boosts power generation by 5–10%
- Reduces risks from high-altitude maintenance work



### Green Energy

## Our Commitment to Partners

- **Proven Performance** – Provide drones with field-tested reliability, ready for fast localization and adaptation.
- **Hands-On Support** – Deliver expert training and technical assistance for smooth pilot implementation.
- **Data-Driven Optimization** – Collaborate on data collection and fine-tuning to meet your market's needs.



////////////////////////////////////  
**Agricultural and Industrial Drone Solutions**  
////////////////////////////////////

Phone | (+886) 0966-363-660

WhatsApp | (+886) 966363660

Email | [international\\_dpt@earthgen.com.tw](mailto:international_dpt@earthgen.com.tw)

Address |

Room 321, 3rd Floor, No. 6, Section 1, Guiren 13th Road, Guiren  
District, Tainan City, Taiwan