



TSE-XIN ORGANIC AGRICULTURE FOUNDATION (TOAF)

# From Crisis to Coexistence

Scaling SEPLS through the Green  
Green Conservation Label and  
Knowledge Co-production in  
Taiwan

Presenter: Alice Hsu | Tse-Xin Organic Agriculture Foundation  
(TOAF)



## THE SPARK

# A Crisis That Changed Everything

- Mass pesticide poisoning of **Pheasant-tailed Jacana** in 2009
- Sparked national wake-up call in Taiwan
- Catalyzed government–TOAF partnership with Forestry and Nature Conservation Agency
- Launched **Green Conservation Label (GCL)**
- Transformed production landscapes into biodiversity safe havens

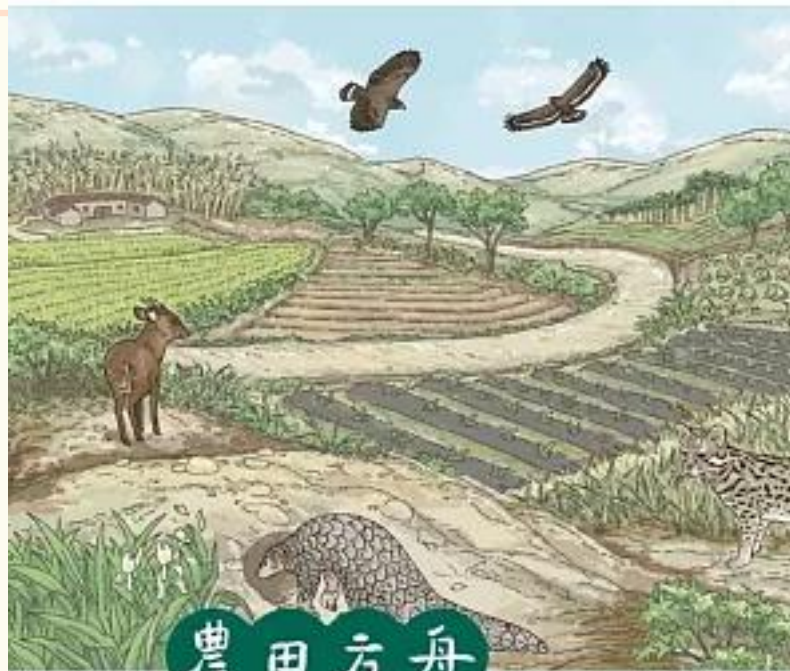


# Knowledge & Capacity: The Power of Translation

- TOAF : a **"Translator"** between scientific conservation and practical farming
- Two strategic objectives drive this work

## SO 1 — Knowledge Co-production

15 years of tacit farmer wisdom codified into a **replicable manual**

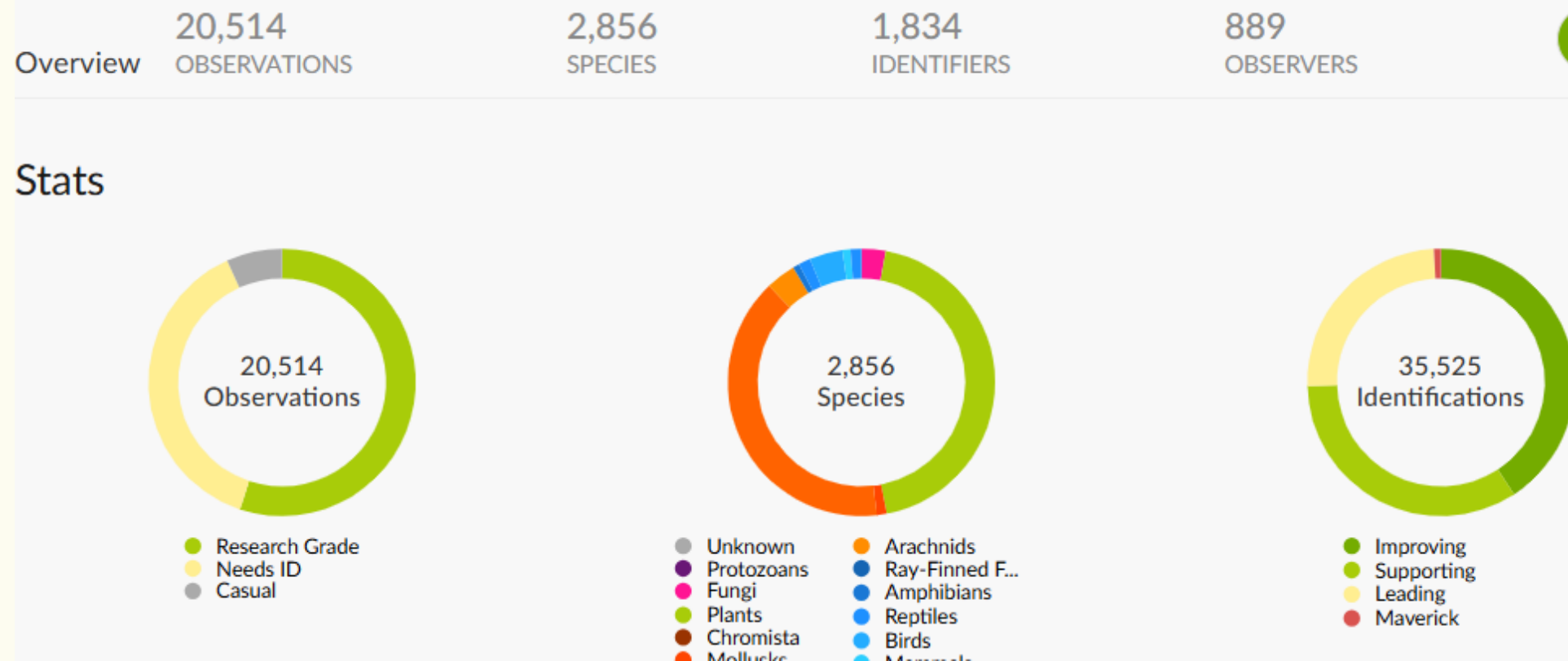


**農田方舟**  
野生動物棲地營造手冊

農田動物多，怎麼讓牠們安心棲息？  
編輯農田野生動物棲地營造，11篇案例，輕鬆上手無負擔！

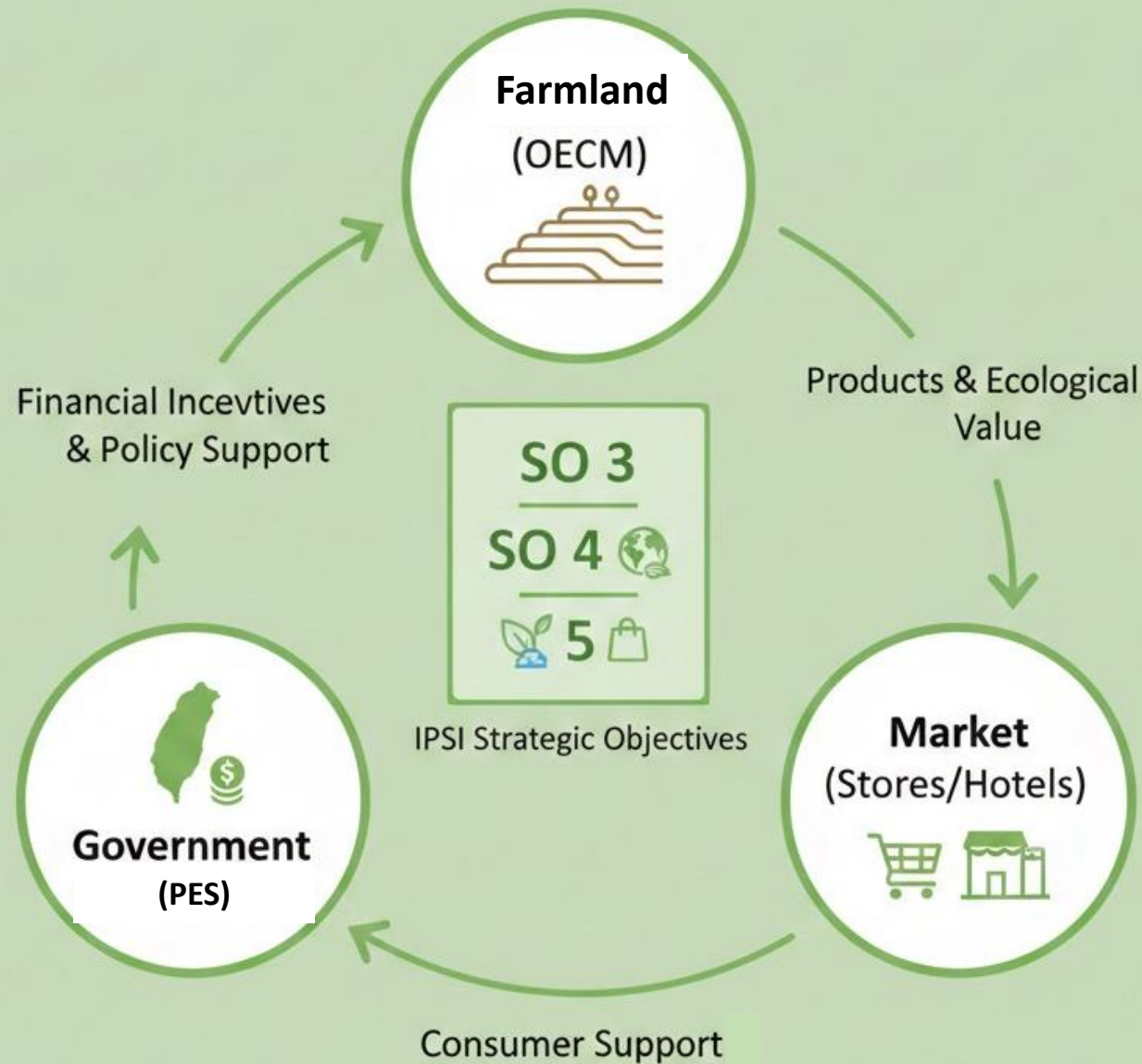
## SO 2 — Capacity Building

Farmers are empowered to lead the transition through **Integrated Pest Management (IPM)** and using the citizen science **APP-iNaturalist**



## SO 3, 4 & 5

# Area-Based Conservation & Resilient Value Chains



### SO 3 & 4 — OECM & PES

- Agricultural landscapes recognized as vital OECM potential sites
- GCL integrated with Taiwan's Payment for Ecosystem Services (PES)
- Anchors ecological restoration in policy

### SO 5 — Market Resilience

- High-value processing and stable procurement
- From supermarkets to 5-star hotels
- Turns biodiversity protection into economic opportunity for farmers

# Nanan: A Microcosm of Success



- **11-year collaboration** with indigenous people
- Restored **20 hectares** of organic SEPLS in Nanan
- Safeguarded cultural heritage and biodiversity together
- Funded by **Satoyama Development Mechanism (SDM)**
- Recognized in **CBD LBO-3 (2026), SITR Vol. 10(2025)**

17

Traditional bean varieties preserved

22

Endangered species protected

**1,000+**

Hectares of protected habitat.

**46**

Conservation species benefited.

**10x**

Growth in Jacana population (from 300 to 3,000).



Thank you!

