SMART GREEN HOUSE FOR HORTICULTURE

DISTANHORTI

WEST JAVA INVESTMENT SUMMIT 2022

VISION

**Actualizing Juara Lahir dan Batin
(Winning The Inner and Outer Self)
with Innovation and Collaboration**

MISSION

**Improving Productivity And Economic
Competitiveness To Be More Prosperous And Fair
Through Utilization Digital Technology, Centres Of
Innovation, And Development Stakeholders**

REGIONAL DEVELOPMENT PRIORITIES

2018 — 2023

**Strengthening Sustainable Food Security
System Through Sustainable Agriculture 4.0**

The smart greenhouse is A revolution in agriculture, creating A self-regulating, microclimate suitable for plant growth through the use of sensors, actuators, and monitoring and control systems that optimise growt conditions and automate the growing process

The market is expected to experience significant growth due to increasing population, climate change and, urbanization

Quality products through strict control of the cultivation environment for plant plants and greenhouses can be achieved through this indoor farming
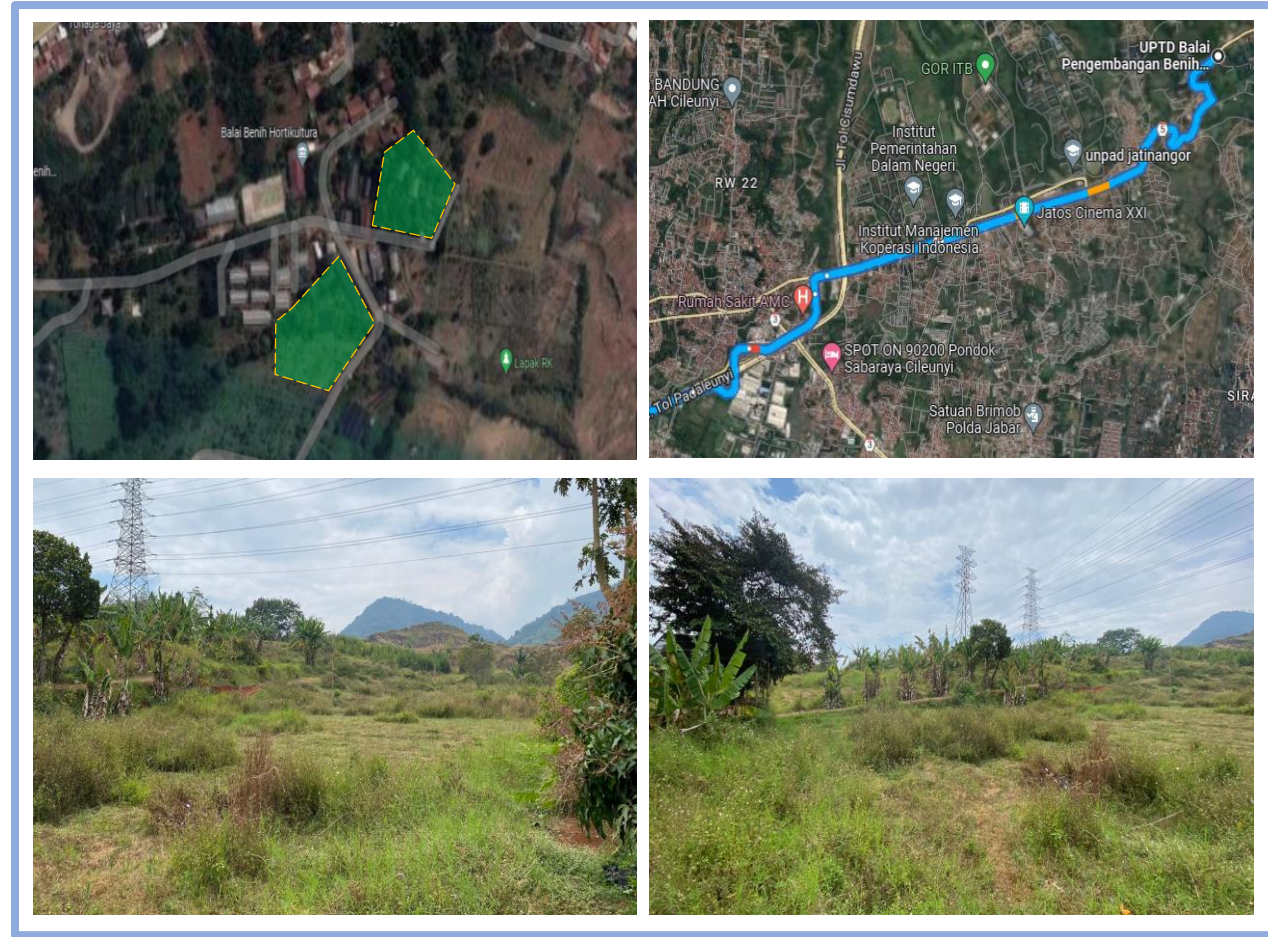
Smart farming based on IoT technologies enables farmers to reduce waste and enhance productivity ranging from the quantity of fertilizer utilized and enabling efficient utilization of resources such as water, electricity, etc. IoT smart farming solutions is a system that is built for monitoring the crop field with the help of sensors (light, humidity, temperature, soil moisture, crop health, etc.) and automating the irrigation system
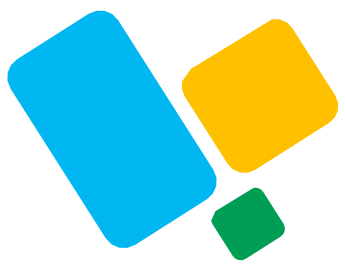
SMART GREEN HOUSE LOCATION PLAN

Key Investment Highlight

Location	**West Java Province**
Estimated Investment Value	**IDR 500 Million [USD 32.822] For 100 square meter Green House**
Total Area/Land Status	**2 Ha / government land**
Project Owner	**West Java Provincial Office of Food Crops and Horticulture**
Financial Feasibility	**Projected Income : IDR 250 Million For one Period** **IRR : 4,34 %** **Payback Period : 3 years 7 month**

THANK YOU

DINAS TANAMAN PANGAN DAN HORTIKULTURA PROVINSI JAWA BARAT