

# IoT-Based Smart Greenhouse Prototype

**Industry:** AgriTech / IoT

**Investment Type:** Equity Share / Strategic Partnership

**Minimum Investment:** \$15,000

**Projected ROI:** 4X in 5 Years

## Business Overview

This project focuses on **developing a prototype for a commercial IoT-based Smart Greenhouse**. The prototype will showcase **sensor-driven automation, AI-powered analytics, and energy-efficient climate control** to create a **scalable, market-ready Smart Greenhouse system**.

Once tested and optimized, this product will be sold to **commercial farmers, urban growers, agribusinesses, and government smart agriculture programs**.

## Project Aim

- ✓ **Develop a working prototype** for a market-ready Smart Greenhouse.
- ✓ **Validate product performance** in real-world farming conditions.
- ✓ **Launch commercial sales** after prototype completion.

## Why Invest?

- ✓ **Growing AgriTech Market** – IoT in agriculture is projected to reach **\$30B by 2030**.
- ✓ **High Demand for Smart Greenhouses** – Climate change is driving **sustainable farming solutions**.
- ✓ **Proven Cost Savings & High Yield** – Reduces **water use by 50%** and increases **crop yield by 30%**.
- ✓ **Scalable Business Model** – Ready for **mass production and sales** after prototype testing.

## Market Opportunity




- The global **AgriTech market** is growing at **CAGR 12%**.
- Increasing demand for **smart farming automation**.
- Government subsidies for **IoT-based agriculture** projects.

## Business Model (Post-Prototype Sales)

### Revenue Streams:

- ◆ **Smart Greenhouse Sales** – Commercial units for farmers & agribusinesses.
- ◆ **SaaS Platform Subscription** – AI-powered farm monitoring system.
- ◆ **Custom Enterprise Solutions** – Tailored smart farming tech for large-scale operations.

## Roadmap & Milestones

-  **Q2 2025** – Prototype development & field testing.
-  **Q4 2025** – Commercial launch of Smart Greenhouse product.
-  **Q1 2026** – Expansion into large-scale farming projects.

