AGRISMART

A Dhrud Initiative

Real-World Problems

Farmers risk incorrect fertilizer use due to a lack of precise soil analysis

Improper fertilizer application harms soil health and increases costs.

Crop diseases may go unnoticed until too late, reducing yields.

Without pest prediction features, farmers are caught off guard by pest infestations

Farmers may miss smarter financial decisions on fertilizer and crop investments

AgriSmart's Solution

Offers cost analysis
Offers crop insurance

Recommends alternative crops
Promotes sustainable practices

Real-time fertilizer recommendations

Boosts crop yields
Optimizes water usage
Lowers crop failure risk

Why our Hardware is better

Multi-Sensor Integration

Solar-Powered Energy Efficiency

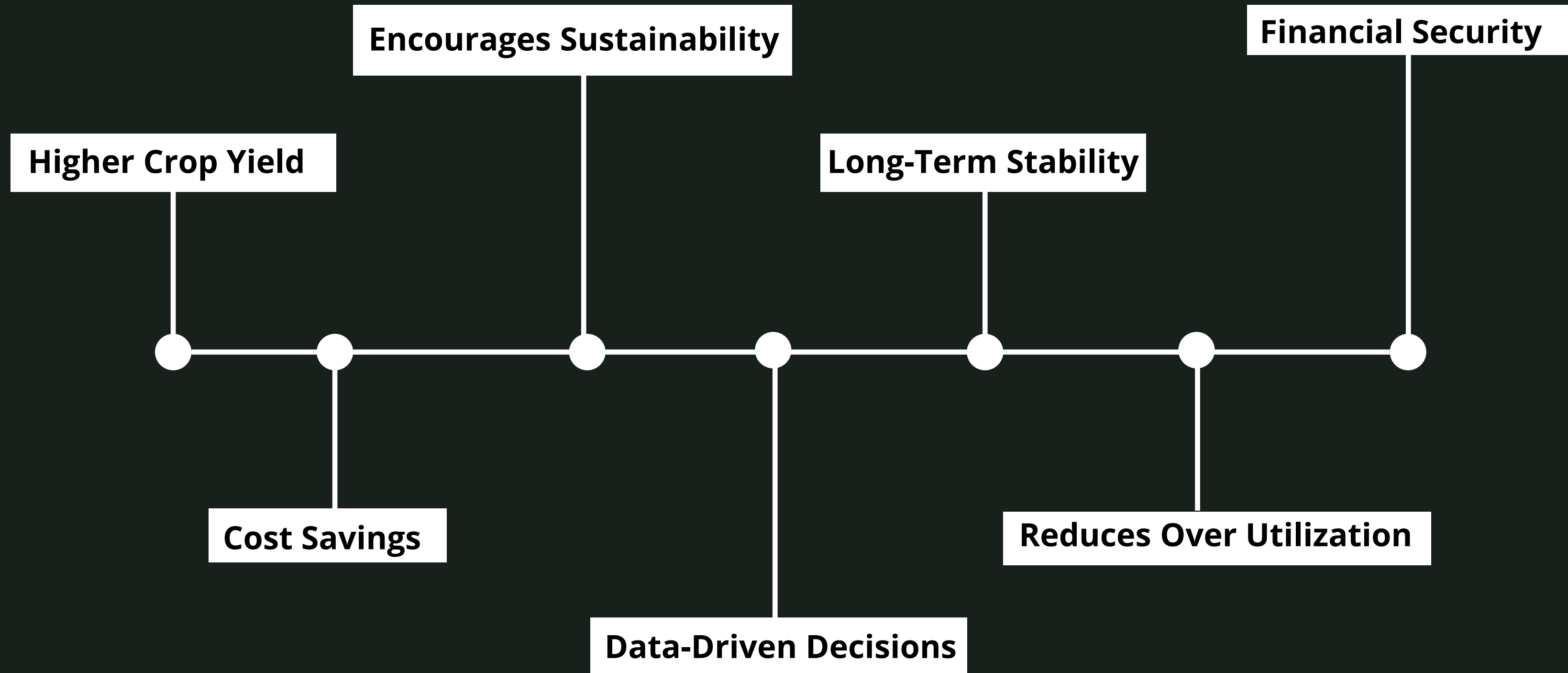**Rugged and Designed for Remote Areas**

Cost Effectiveness

Wireless Connectivity Real-Time Data Transmission

Durability Versatility

Benefits of AgriSmart

Encourages Sustainability

Financial Security

Higher Crop Yield

Long-Term Stability

Cost Savings

Reduces Over Utilization

Data-Driven Decisions

How AgriSmart Stands Out

01 **Real-time IoT Data**

02 **Sustainability Focus**

03 **Cost Efficiency**

04 **Financial Risk Mitigation**

FEATURES	AgriStack	NinjaCart	Fasal	CropIn	AgriDigital	AgriSmart
Soil Health Analysis	✗	✗	✓	✗	✗	✓
Crop Disease Detection	✓	✗	✓	✓	✗	✓
Personalized Recommendations	✓	✗	✓	✓	✗	✓
Crop Analysis Features	✓	✗	✓	✓	✓	✓
Data-Driven Accuracy	✓	✗	✓	✓	✗	✓
User-Friendly Interface	✓	✓	✓	✓	✓	✓
User-Friendly Interface	✓	✗	✓	✓	✗	✓

Proof of Concept: Pilot Phase

Select 2-3 diverse regions for pilot implementation.

Deploy IoT sensors, implement sustainable practices, and offer cost analysis.

Train farmers on using AgriSmart and collect feedback.

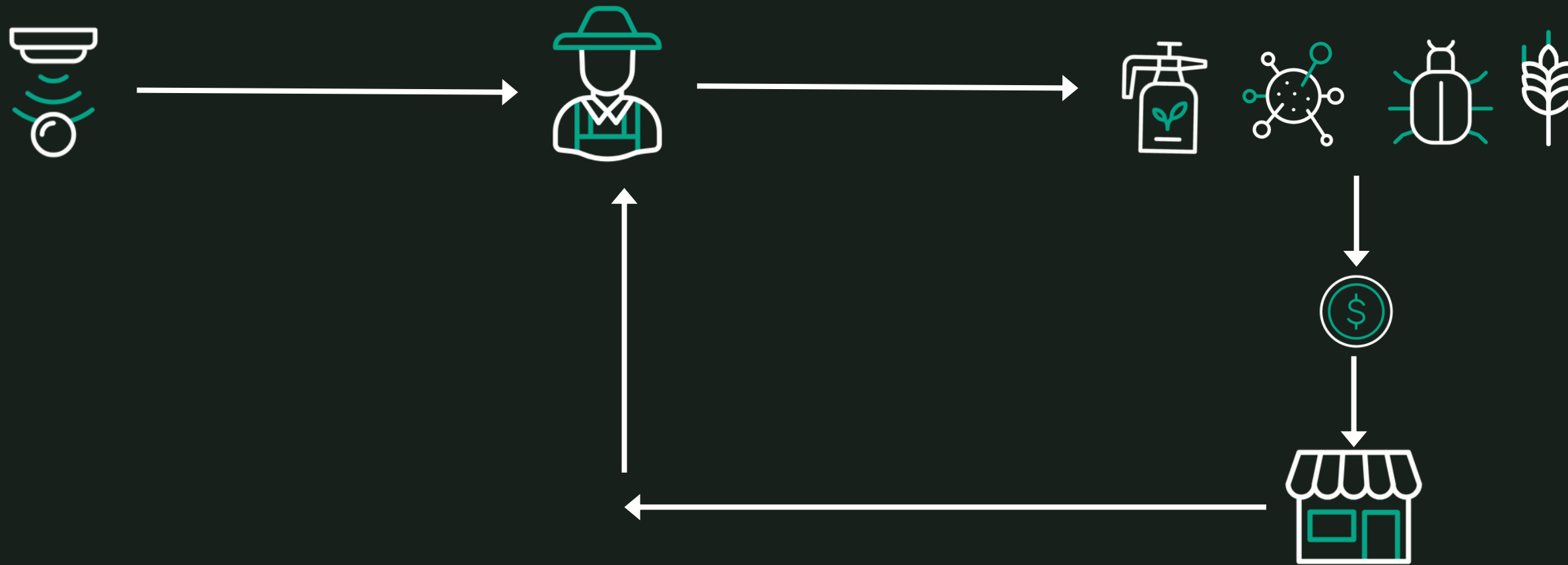Train farmers on using AgriSmart and collect feedback.

Track yield, cost savings, sustainability adoption, and farmer satisfaction.

3-6 months covering the full growing season.

Validate AgriSmart's benefits and gather case studies for scale-up.

AgriSmart's Business Model (1/2)

- Farmer will pay for the sensor
- Fertilizer and seed companies pay AgriSmart to get featured

AgriSmart Value Proposition

1   Holistic and Real-Time Data-Driven Approach

2   SustaiMachine Learning-Driven Fertilizer Recommendations

3   Cost Analysis Integration

4   Focus on Sustainable Farming Practices

5   AI-Powered Chatbot for Farmer Support

6   Seamless Integration of Sensors and Smart Technology
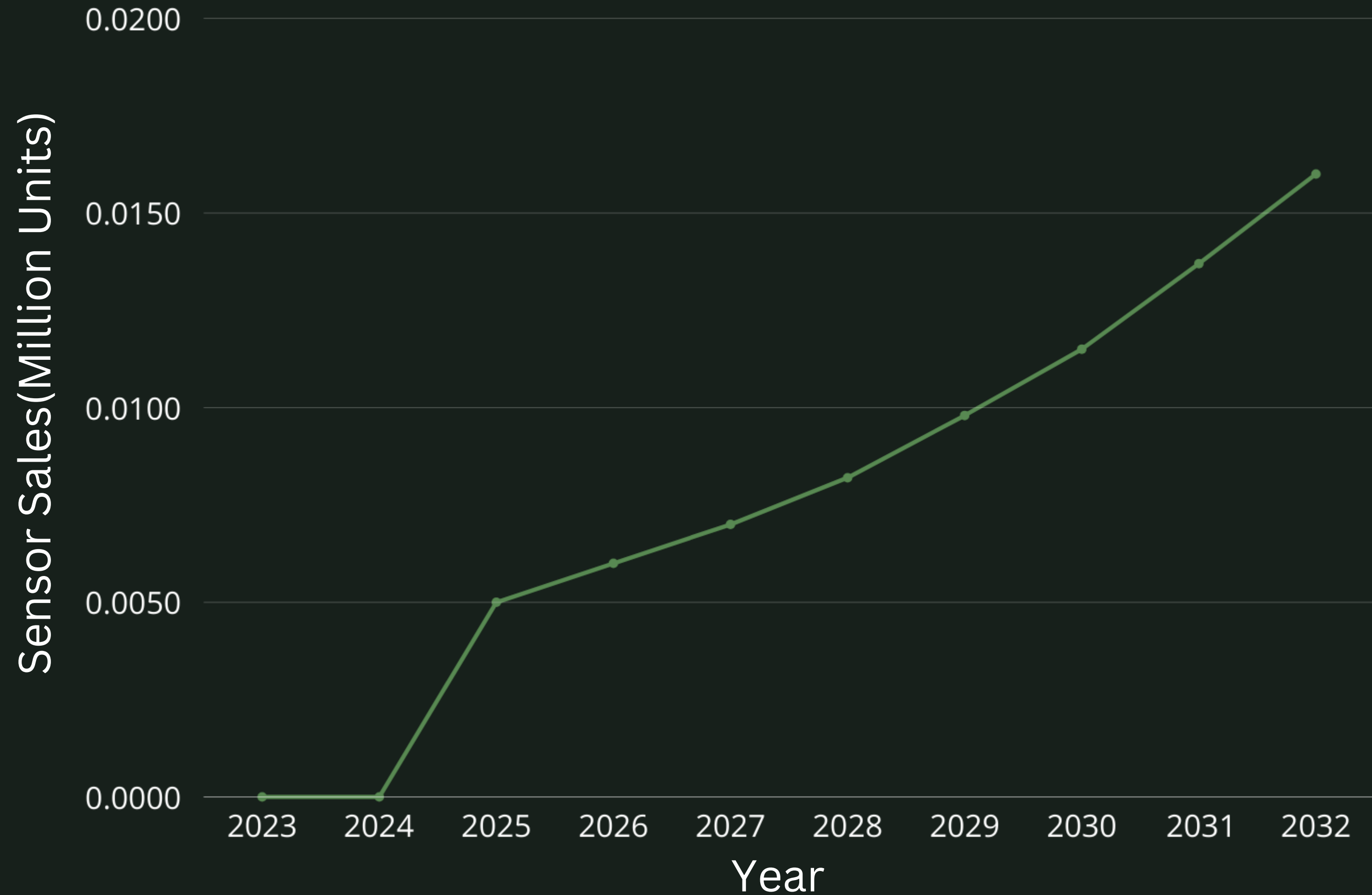
7   Complete Farming Ecosystem

8   Scalable for Farmers of All Sizes
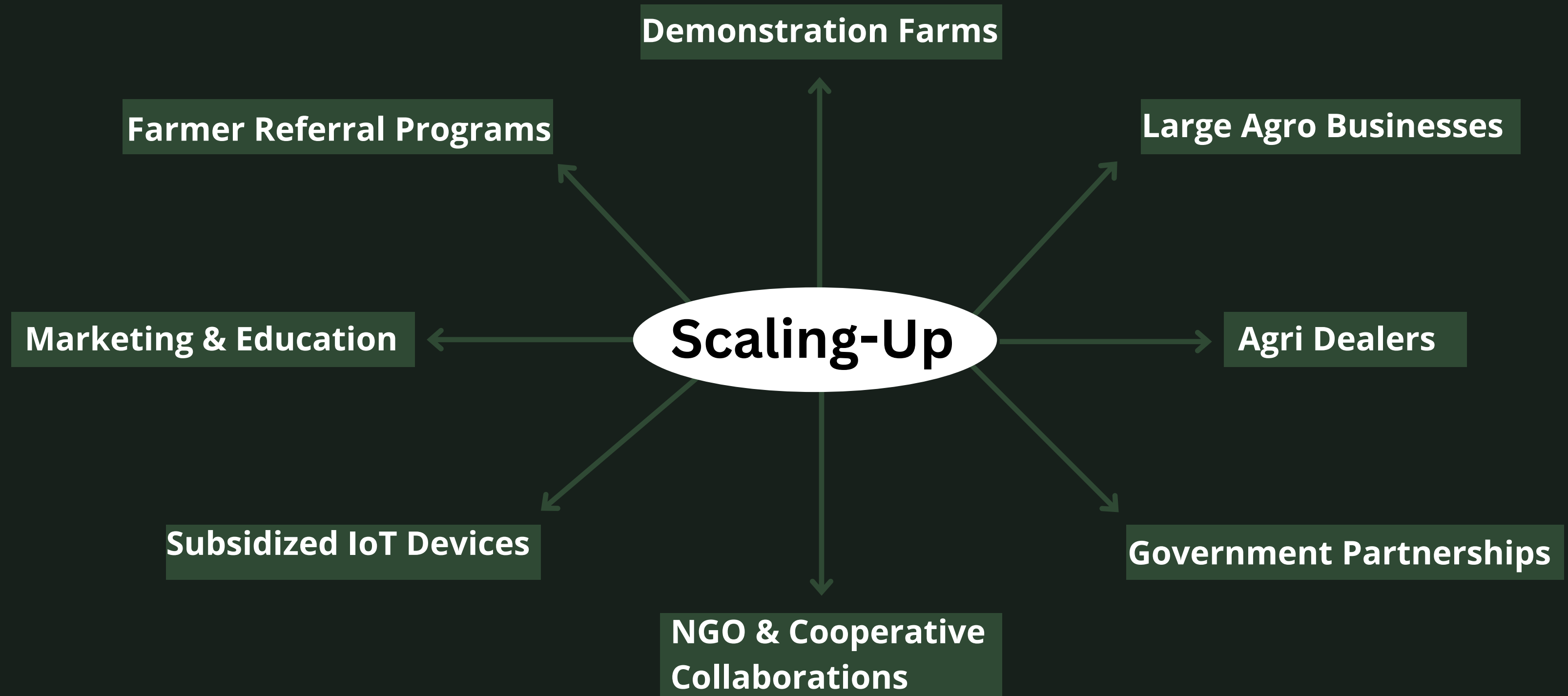
9   Market Differentiation with Actionable Insights

0   Commitment to Long-Term Soil Health

Predicted Sales of the sensors

Scale-Up

THANK YOU