SivaFreeSpiritAutoAG – 5 Year Strategic Vision (2029–2034)

Mission

Transform Southern Indian agriculture using robotics, AI, and automation to increase yield, reduce cost, and eliminate uncertainty in farming.

Problem Statement

- Unpredictable yields

- Labor shortages

- Climate variability

- High insurance losses

- Lack of crop-level data

Solution Architecture

1 Drone Surveillance Network

- Real-time NDVI monitoring

- Crop disease detection

- Cloud-based updates

2 Ground Robotic Units

- Automated seeding

- Smart fertilization

- Precision harvesting

3 Cloud AI Engine

- Yield prediction models

- Insurance risk scoring

- Government reporting tools

Revenue Model

1. Farmer subscription (per acre)

2. Corporate crop contracts

3. Insurance data licensing

4. Government smart farming partnerships

5. Robotics leasing model

Capital Deployment – ₹400 Crores (5 Years)

- 120 Cr – Manufacturing & Robotics R&D

- 80 Cr – AI + Cloud Infrastructure

- 100 Cr – Regional Deployment Clusters

- 50 Cr – Operations & Talent Acquisition

- 50 Cr – Strategic Partnerships & Legal

Year 5 Goal

- 100,000+ automated acres

- Recurring subscription revenue

- Profitable operations

- IPO ready structure

Equity Opportunity

Early engineers and contributors receive:

- Founding equity allocation

- ESOP pool participation

- Pre-IPO upside