







MILESTONES

Phase 1: Concept validation, basic prototype setup.

Phase 2: Core Al and sensor integration, solar setup.

Phase 3: Beta testing with user feedback, dashboard launch.

Phase 4: Full system deployment, optimization, and market readiness.

Phases	Prototype Progress (%)	AI & Sensor Integration (%)	User Testing & Feedback (%)
Phase 1	10	20	0
Phase 2	40	35	15
Phase 3	60	65	45
Phase 4	90	85	70

Key Partners

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- Urban planning or gan izat ions
- Government smart city in itiat ives
- Agricultural research in stitu tes
- IoT sensor m anu fact urer s
- Renewable energy providers (solar panels)
- Al & tech companies for
- model development
 Water purification technology providers

Key Activities



- Integrating IoT sensors for real-time monitoring
- Implementing Alpowered disease
 de tec tion
- Educating users on
- organic composting Creating an interactive web dashboard

Key Resources



- Al & IoT sensor
 technology Trained Al
- model for plant health detection Weather forecast
 - integration system
 - Web & mobile

dashboard development

Value Propositions



Chemical-free, organic food production in cities Water-efficient irrigation that reduces waste Less use of labor work Cost-effective solution compared to traditional m etho ds

Customer Relationships

Personalized plant care

re com me nda tion s

Online community &

Teach users to make

organic fertilizers at

support forums



- Urban households & terrace garden
- Restaurants & organic food businesses

Customer Segments

en thu sias ts

- Schools & universities promoting green in itiat ives
- Smart city projects &
- municipal authorities
 Green Buyers

Channels

home

- Online platform (website
- & mobile app)

Collaborations with

- agricultural and
- sustainability groups
 Expo, exhibitions and tra des how
 Word of mouth

Cost Structure

Sensor & hardware production

Cloud infrastructure for data storage & processing

Al model development & tra inin g

Marketing & customer education campaigns

Revenue Streams

Selling System

Subscription plans for Al-powered farming in sigh ts

Small-Scale Users

Integrating our systeminto their existing plant pots

Large-Scale In stitu tion s One-timefee to convert their terrace into an automated urban fa rm.

