

EKARIGARI SYSTEMS PRIVATE LIMITED GROWTH STAGE STARTUP

Agriculture

Pilot District
Kamrup, Assam

Geospatial Innovation Accelerator
IIM Calcutta Innovation Park

Technology Summary

Bridging gap between farmers and businesses (hotels, food processing units, canteens, bulk purchasers etc.). Increasing the selling price of farmer produce to 15–33%. Reducing the consumer price of crop produce to 16–20%. To develop data driven technology for fair pricing. To provide Opportunity for FPO's to get market Connectivity. To provide the best quality hygienic vegetables and reducing crop spoliation from 33% to 3%.

Technology Readiness Level:

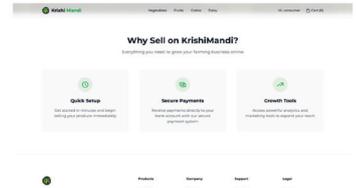
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Value Proposition

- Empowers small and marginal farmers through accessible, data-driven insights that improve productivity and income.
- Bridges the gap between farmers and fair markets by connecting them directly to buyers and processors.
- Improves soil health and sustainability through precision agriculture guidance and crop rotation recommendations.
- Builds farmer trust and transparency via localized language support, verified data, and transparent pricing.

Contribution to Sustainable Development Goals (SDGs)

1, 2, 8, 12, 13



Market Potential / Deployment Plan

- F2B AI integrated supply chain technology for small and marginal farmers
- Ground trials, data collection connecting with incubators
- Creation of business models, supply chain management, and customer relationship management
- Focused on all requirements of Indian farmers and consumers, providing solutions.
- To become a hub of crop-specific supply chains in various states of India

WORK AREAS: Currently working on optimization of logistics (to reduce 26% transit loss of govt)

AI Quality Grading Analysis Model!

Get Insights For farming Profitability with our models!

Shop Organic Shop Fresh!

ADMIN DASHBOARD (BUG FIXING AND TESTING DONE)

WORKING MODEL SCREEN (PROTOTYPE READY DEPLOYED ON PLAYSTORE)

Environmental / Social Impact

- Environmental: Encourages balanced fertilizer use and soil-restorative practices, reducing soil acidification and greenhouse emissions.
- Social: Enhances rural livelihoods, reduces dependency on middlemen, and promotes financial inclusion through digital literacy.
- Economic: Improves farm profitability and reduces crop spoilage through better data visibility and decision support.

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