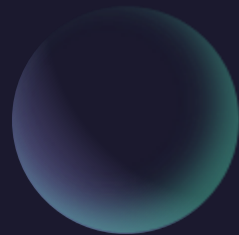


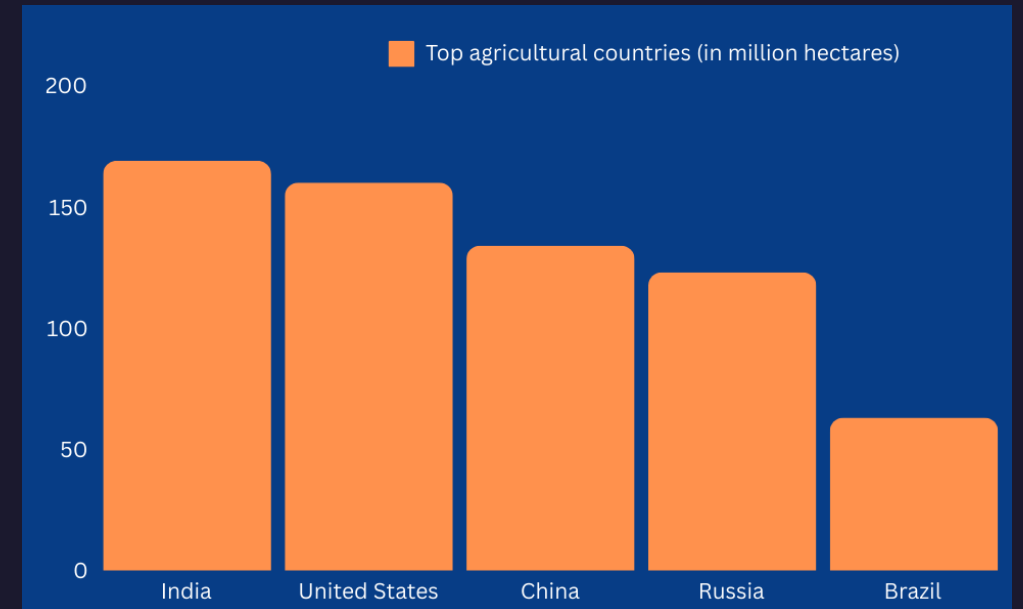
BHUMI @ aiabs

Where Cloud Meets Bhumi



India's Agricultural Paradox

- Largest agricultural land globally
- 60% of population in agriculture.
- 3,493 Agritech startups in India
- Yet, facing challenges in productivity and farmer income



What is the Problem?

- No **reliable data source**.
- No Realtime **high granularity data collection**.
- From Indian Agritech: **No innovation** worth deploying.
- From Abroad Startups: **Too complex** to adopt in Indian market.



Why **Bhumi**?

Remember the previous slide, **Bhumi** will take care of it.

- Real-time WebGIS-enabled soil mapping interface.
- GenAI-powered crop recommendations & virtual inspections
- Voice-activated analytics
- Developer API access
- Built-in marketplace for Agri-Apps



Realtime Data, How?

I know, hear me out, you'll love it.

Here comes "**Dhruva**" and below are it's features:

- **Autonomous** data collection.
- **Equipped with sensors** required for soil data collection.
- **Ability** to work in **swarm**.
- **Easy to use**.



Who operates **Dhruva**?

- Phase 1: Utilize **tech savvy humans** (for now:) for scanning our pilot farms and land.
- Phase 2: We **scale strategically** to cover more land.
 - Scan-to-Earn Program
 - School & College Partnerships
 - Kisan Drone Corps

This is our initial plan and we are not done.

More is coming!



Why we are building all this?





Our Mission: Automate agriculture from Farm to Table

- Building Blocks:
 - Real-time farm data
 - AI crop assistant
 - Voice-activated analytics
 - Developer API & marketplace
- Future Innovations:
 - Autonomous farm AI systems
 - Agricultural reasoning LLM
 - Expansion to medicine and defense



BHUMI: Sowing the seeds of a data-driven revolution across industries.

Business Model

-  Farmer Subscriptions
 - Freemium model:
 - Basic (free): AI-driven insights, crop recommendations, weather alerts (Only for their farm).
 - Premium tiers: Access to all data (For Farms under "Farmer Data Sharing Program").
-  Data Marketplace
 - Sell aggregated farm data to agribusinesses, researchers, and gov't agencies.
 - Tiered pricing based on data complexity and volume.
-  Developer Ecosystem
 - API access with free and paid tiers.
 - Revenue sharing for apps built on Bhumi platform.
-  Enterprise Solutions
 - Customized analytics for large agribusinesses
 - Supply chain optimization and yield prediction

Market Opportunity

Given our technology's comprehensive scope, precise market estimates are premature. However, based on our Phase 1 plans, we project:

- Indian AgriTech market valued at \$10.9 billion in 2023
- Expected to reach \$24 billion by 2025
- CAGR of 37.5% from 2023 to 2025



What will we accomplish with seed?

- Product:
 - Launch BHUMI platform beta
 - Develop farmer mobile app MVP
 - Achieve 75% accuracy in crop yield predictions
- Market Traction:
 - Onboard 10,000 farmers
 - Scan and analyze 10,000 acres
 - 80% user retention rate
- Data & Innovation:
 - Collect 1 million unique data points
 - Initiate 1 university research collaboration
- Team & Operations:
 - Expand to 5 core team members and 10 support.
 - Establish presence in 2 major agricultural states
- Financial:
 - Generate ₹10,000,000 (~\$125,000 USD) initial revenue
 - Position for Series A funding



Who are we?

Harsh Tiwari (Founder And Chief AI Engineer)

- Passionate researcher and engineer with 8+ years in software and AI development.
- On my way to pursue research collaboration with an IIT.
 - Focus: Data-driven simulations for Reinforcement Learning in Agriculture
- Expertise bridging academic research and practical AI applications

Our work at AIABS and my research are laying the groundwork for transformative AI applications



Manish Kumar Singh (CBDO)

Our team includes a seasoned Business Development Manager with 9+ years of experience in procurement and finance, complemented by a strong agricultural background. This expertise is crucial for BHUMI's growth from Business Development side.



We are in talks with experts in **WebGIS, Robotics and Mechatronics**, with your support we can make this reality.

What do we ask?

Seeking a **visionary partner** to **fuel** BHUMI's **growth** and revolutionize agriculture. Remember, yesterday's 'impossible' is today's reality—just look at quick commerce. Let's make **AgriTech** the next **big disruption**.

Help us build our dream.



Any Questions?

