



growindigo[®]

We Accelerate
Ag Transformation
For a Healthy Planet

Our Pedigree : Science meets Innovation and Scale



- Next-generation biologicals
- Carbon programs
- Low GHG commodities for Scope-3 interventions

JV Partners



- The global pioneer in ag-carbon
- Developer of the **VM0042, v1.0** methodology
- Leader in biologicals



- Founded by World Food Prize laureate Dr. B R Barwale
- **60+ years** of leadership in Indian agriculture
- Deep trust with **100M+** farmers

Partner Ecosystem



Project Finance



Project Partners



Technical Partners



Meet the team



Dr. Usha Barwale Zehr
Executive Director

PhD in Agronomy, University of Illinois,
Responsible for overall critical decision making at Grow Indigo



Dr. Umang Agrawal
COO - Carbon

MBA, IIM Ahmedabad
PhD, University of Maryland,
10+ YoE in ag-tech



Bishwaranjan Roy
Chief Revenue Officer - Carbon

MBA, Indian School of Business
B. Tech & M. Tech., IIT Kharagpur
19+ YoE in commercial roles



Parin Turakhia
CTO

Engineering leader, 15+ YoE in developing products used by millions of customers worldwide



Avinash Soni
CFO

Qualified chartered accountant
13+ YoE in finance



Dr. Vikas Chandak
COO - Biologicals

PhD, CP College of Agriculture,
20+ YoE in Biologicals & Agri. Input industry



30+
Scientists and Technologists



200+
Agri professionals



300+
Farm advisors

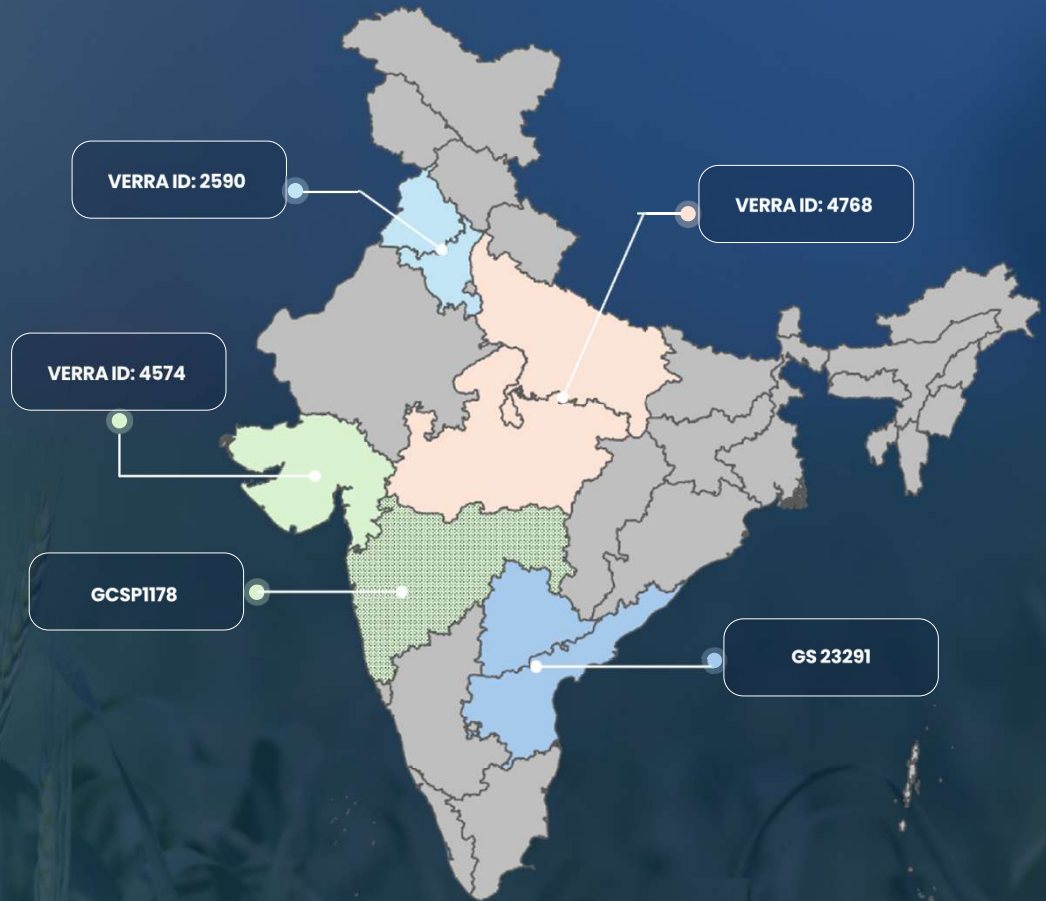
Vertically integrated team leading to robust farmer engagement and project implementation



Project Portfolio

5M+ under Regen-Ag by 2030

Project	Status	Credit Ready Hectares	Farmers	Next Issuance Plan
Regen-Ag Verra VM0042 Projects				
VCS 2590	57k issued	140,000	30,000	Dec' 26
VCS 4574	Under Validation	1,102,734	75,140	Feb' 27
VCS 4768	Under Validation	5,598	1,204	Mar' 27
AWD GS Projects				
GS 23291	Under Validation	9,000	3,000	Dec' 26
Biochar Projects Global C-Sink				
GCSP1178	Issued	140		June' 26





Our Projects contain multiple levers for change

Regenerative Agriculture VM0042

57,462 credits available;
800k+ credits expected by Dec'26

June 2019 – May 2039

VERRA ID: 2590



Punjab, Haryana | ~0.5M farmers | ~1.5M ha | ~4.2MtCO₂e/yr
Reduced tillage, DSR, Low-N, Improved water & residue management

May 2020 – May 2040

VERRA ID: 4574



Maharashtra, Gujarat | ~3M farmers | 3M ha | ~4.8M tCO₂e/yr
Reduced Tillage, Fertigation, Improved residue management

Oct 2020 – Oct 2040

VERRA ID: 4768



Uttar Pradesh, Bihar | ~4M farmers, 4M ha | ~5m tCO₂e/yr
DSR, Reduced Tillage, Low-N, Fertigation, Residue incorporation, Rice to Maize diversification

Alternate Wetting and Drying

May 2024 – May 2044

GOLD STANDARD ID: 23291



Telangana, Andhra Pradesh | ~12k farmers | 10k ha | ~60k tCO₂e/yr
Alternate wetting and drying, DSR, Intermittent flooding

Bio-Char

Feb 2025 – Feb 2035

CSI ID: GCSP1178



Maharashtra | 158 tonnes of Biochar/yr | 302 tCO₂e/yr
WasteX Pyrolysis, Cotton stock, Sorghum, Bajra straw, Wheat stalks, Corn straw

Security confidential - for Company Use Only



Project Aadi

Pioneering Carbon Farming: Setting the Standard for high-Integrity Soil Carbon Removals in India.



First smallholder VM0042
registered project globally



First VM0042 project
in Asia & India to issue credits

57,462

Credits Issued

550,000+

Credits expected annually

[Link to recognition of Aadi VCS 2590 by VERRA on LinkedIn](#)

Security confidential - for Company Use Only



Smallholder farmer community is at risk

Over **150M** Indian households directly depend on agriculture

Indian agriculture is **small scale, labor-intensive** and **income constrained**.

Poor soil health and climate changed has exposed smallholder farmers to crop losses and income shocks, ultimately causing deep financial distress.

More than 50 million farming households are trapped in vicious debt cycle - surviving on farm earnings of less than 50 cents a day.

- **Women >70%** of agricultural labor
- 86% of farm-lands <2Ha (5 acres)
- Average monthly household income: \$116
- 33% of farmland is water stressed

Death of winter: Heat arrives early, threatens to shrink Punjab and Haryana's wheat harvest

Unseasonal warmth in February and March forces early ripening, raising fears of lower yields across India's grain belt

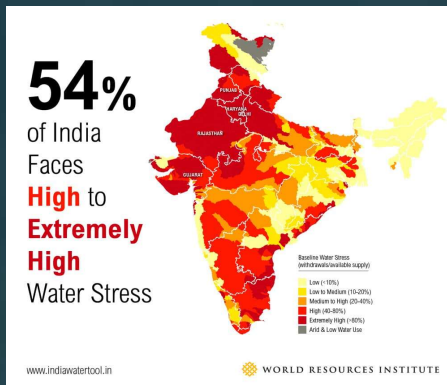


Persistent Challenges in the Global South

Feeding 1.45 billion people has come at a devastating environmental cost

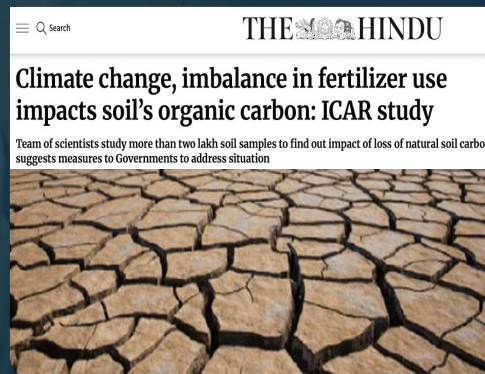
Water Crisis

- Punjab and Haryana together extract over 50% more groundwater than nature replenishes
- These states have lost 64.6 billion cubic meters in 17 years



Poor Soil Health

- Soils in Punjab and Haryana have just 0.3–0.5% SOC — less than half the global cropland average of 1.0–1.5%
- Soil degradation costs India USD 10+ Billion annually in lost productivity.



Polluted Air

- Air pollution kills ~2 million Indians every year
- Delhi recorded ZERO clean air days in all of 2025
- Winter PM2.5 levels at 8x the safe limit



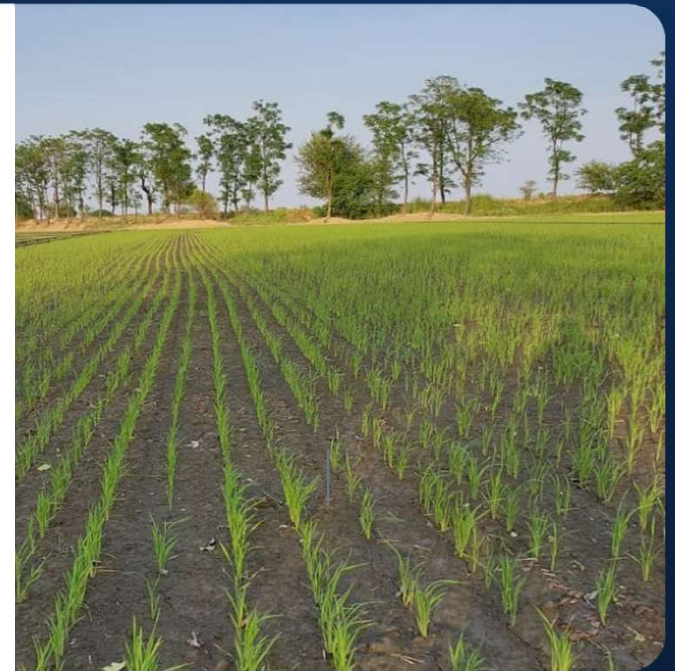
~ 400 MtCO₂e emissions from Agriculture, contributing to **16% of India's GHG** emissions

Our Solution: The Aadi Advantage

Before Aadi – Flooded fields in Transplanted Rice



After Aadi – Adequate water levels in Direct Seeded Rice



VCS 2590 : Prioritizing Removals

Grouped Project model across **Punjab and Haryana.**

Practices Include

-  **Wheat:** Conventional Tillage -> Reduced Tillage
-  **Rice:** Transplanted Rice -> Improved water management in Rice, DSR
-  Residue incorporation in the field
-  Reduced fertilizer usage

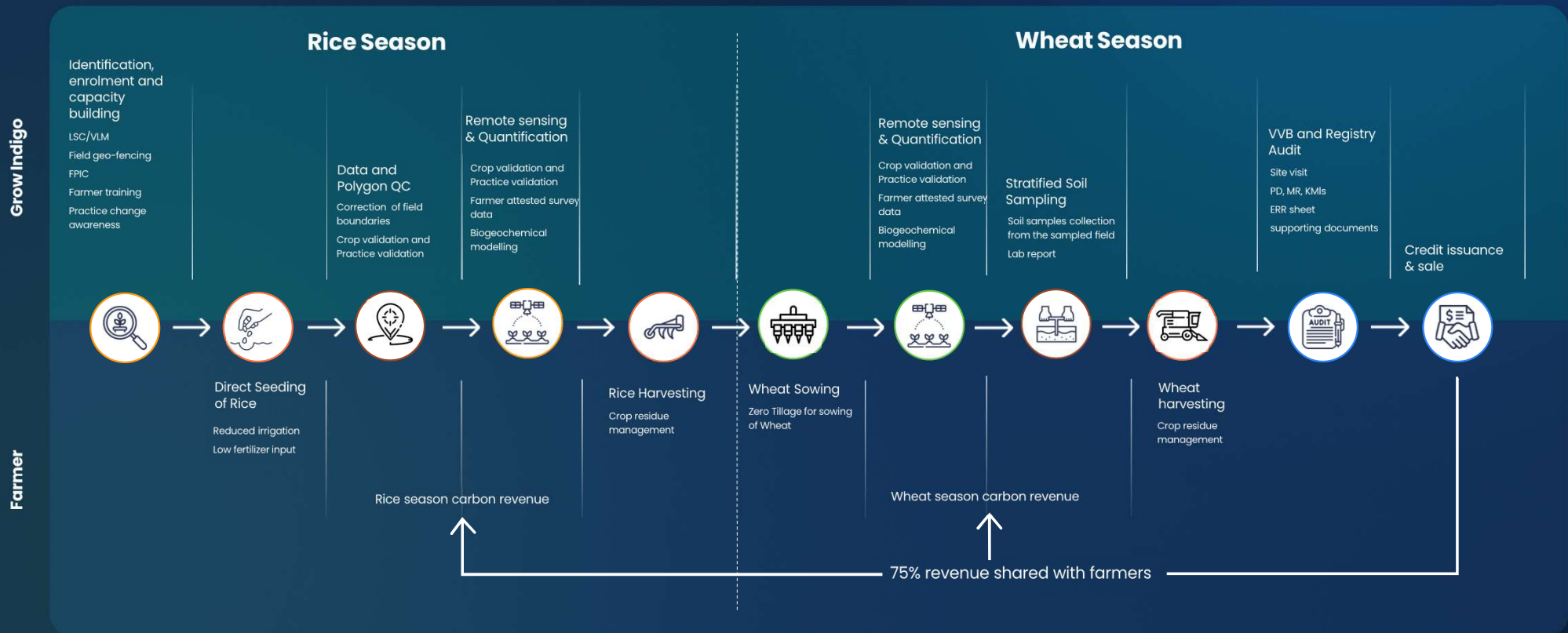
140k+
ha under
verification

1.5M
ha at full
scale

Majority of credits in the
SOC removals category.

Journey : From Field to Credits

We establish multiple touch points with farmers ensuring smooth transition





“Phyigital model”: combining field data with satellite-driven MRV

Secure, Scalable & Science-Backed Carbon Quantification

Field-level Evidence

Proprietary App | 200 KAs | Geotagged Primary Data Collection

car bon™
by growindigo

01

Stratified Soil Sampling

Representative: Soil Type | Crops & Practice



Multi-temporal Satellite Monitoring

Field Boundary Detection | Crop Detection | Practice Monitoring

02

Science-Backed Carbon Quantification

Digital Twin of Project Fields | Calibrated for Indian Conditions



03

04

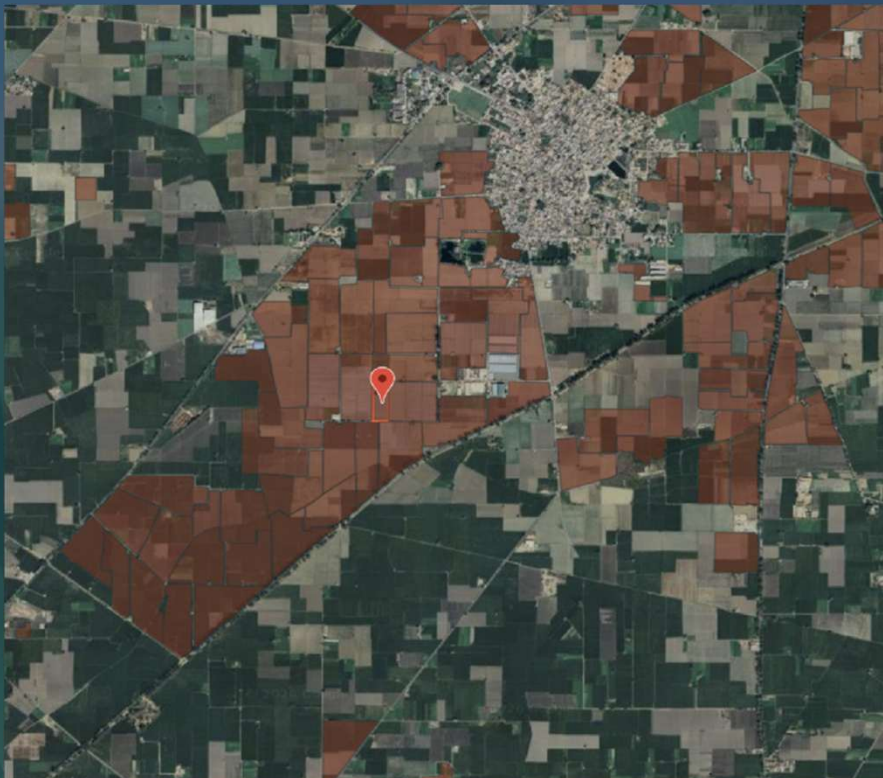
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Verified & Trusted Carbon Credits

Field ID	Area (Ha)	Carbon Stock (t/ha)	Carbon Credit (t)
INDIA_001	100	150	15000
INDIA_002	200	180	36000
INDIA_003	150	160	24000

Trust driven by Traceability

Grow Indigo's In-house state-of-the-art traceability capabilities



← Go back to full map view

Current Capabilities Kharif Rabi 2024

Rice
Current Crop Type

2.69 ac
Field Size

● Field ID: f96b119b-338c-4cc5-b0f8-c...
☐ Sowing Date: Invalid Date

📄 Most grown crop: Rice
🕒 Harvest Date: 12/09/2024

Future Capabilities
● AWD

Agriculture Practices Last 3 years

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2022												
2023												
2024												

Tillage Sowing Harvest

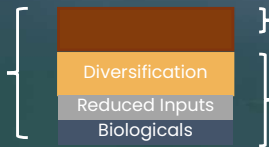
Field level traceability of project activities and its impact ensures transparency for our investors and buyers

Empowering the Smallholder Farmers

75% of the carbon revenue goes to the farmer

Long-term Livelihood Improvement by >30%

Grow Indigo effect:
Up to **32% increase** in income



BAU scenario for the farmer in rice-wheat system



Indicative calculation

- Aadi Credits per hectare = 1.6
- Avg landholding/farmer = 2.5 ha
- Assumed price/credit = \$40
- Farmer's share/credit = 75% of \$40 = \$30
- Increase in farmer's income per season = \$120
- Carbon harvest alone is contributing to ~10% increase in income for the smallholder farmer.

In addition, there will be increase in income through soil biologicals, crop diversification and reduced inputs.

Improvement in livelihood reduces the financial distress among the smallholder farmers and encourages them to continue these sustainable practices

Addressing the local challenges while Making the planet healthier



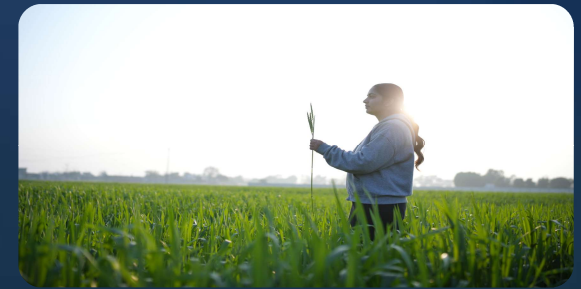
Water Savings

- **1 million liters+** water saved per hectare in rice every year.
- Improvement in ground-water levels and quality over time.
- Improvement in women's health as a result of reduced water-borne diseases.



Healthy Soil

- Verified increase in SOC across project areas.
- Higher crop resilience in harsh climate.
- Quantified reduction of fertilizers and chemicals.



Clean Air

- Zero stubble burning across 140k+ ha – reducing PM pollution menace.
- Improved public health by reducing seasonal smog.

Our project delivers strong co-benefits that not only help the farmers but also the environment, bio-diversity and larger local community

UN SDGs Targeted



2 ZERO HUNGER
End hunger, achieve food security and improved nutrition and promote sustainable agriculture:
The project plans to implement sustainable agricultural practices on 1.7 million hectares of project area in the **20years** lifetime. Total project area as of now is **1,40k+ ha**



6 CLEAN WATER AND SANITATION
Ensure availability and sustainable management of water and sanitation for all:
Adopting regenerative practices will substantially increase water-use efficiency in agriculture and ensure the availability of freshwater to address water scarcity. Currently we are saving **~1.4M litres/ha/year**



13 CLIMATE ACTION
Take urgent action to combat climate change and its impacts
We have already avoided and removed **~ 350k tCO2e** from the atmosphere.



1 NO POVERTY
Pay for regenerative, climate-smart practices



3 GOOD HEALTH AND WELL-BEING
Reduce chemical usage and run off



5 GENDER EQUALITY
Women farmers lead many of our climate programs



15 LIFE ON LAND
Restored soil health increases biodiversity



Make a difference with **Aadi**

What 1 Aadi credit delivers

 1 tCO₂e
removed + reduced

 **75%** of credit revenue goes directly to the farmer

 1M+ Litres
water saved per hectare per year

 Zero Burning
stubble burning eliminated across 140k+ ha

 SOC Increase
verified soil carbon increase, independently audited

Possible engagement options

01 Spot Purchase

AVAILABLE NOW

57,462 VCUs | Vintages v19-v22

Immediately available, fully verified credits from existing issuances. Eliminate delivery risk – take ownership today.

02 Multi-Year Offtake

~1M VCUs by Dec '26

~500k VCUs/year thereafter

Secure long-term supply at a known price. Hedge against price spikes and build a credible, repeatable net-zero narrative.

03 Co-Investment

STRATEGIC PARTNERSHIP

Fund expansion, secure priority offtake

Partner at the project level to co-fund farmer expansion and secure preferential long-term supply access.

 **Pricing available on request**



Join us in enriching lives with **Aadi**

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