



Sustainable Farming Communities

RURAL AGRICULTURE EMPOWERMENT

CROPWAY

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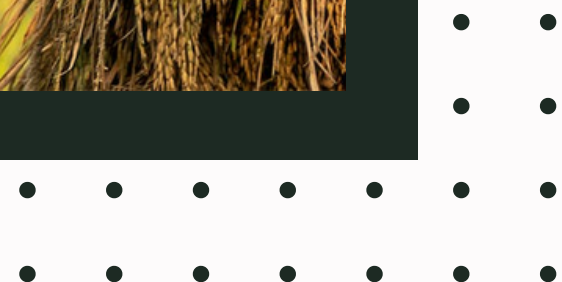
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ABOUT US

At Cropway we are dedicated to develop technology that backs up a sustainable, highly consistent, and cost effective Agri Ecosystem.

We are a diverse group of data science professionals, strategists, agriculturists, and developers from all over the world who are united by our enthusiasm for emerging technologies and our shared goal of eradicating global hunger.



Increasing Farm Productivity, Maximizing Profits

01

In the heart of India's agriculture-dependent landscape, small-scale farmers, often tending to less than 2.5 hectares of land, shoulder the burden of navigating a complex agricultural environment.



OBJECTIVES

01

In a nation where more than 57.8% of the population engages in agriculture, these diligent farmers often face the formidable challenge of limited access to crucial market information. They find themselves at the mercy of local traders and intermediaries who exploit their knowledge gap.



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02



Although state-operated market yards exist, the logistics of transporting small quantities of produce and actively participating in auctions create a double-edged problem.

This situation not only erodes profit margins but also perpetuates a cycle of dependence on intermediaries. However, with the right support and guidance, this landscape can be transformed into a realm of opportunity.

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Challenges Faced by Farming Cooperatives

Training and Education

Central Farm Operations Management

Advanced Crop Planning

Early Warning Field Insights

Resource Management

Access to Market

Access to Credit

SOLUTION

Cropway: Your Comprehensive Farming Companion



Land Evaluation
and Planning

Crop Planning

Soil Nutrient
Calculator

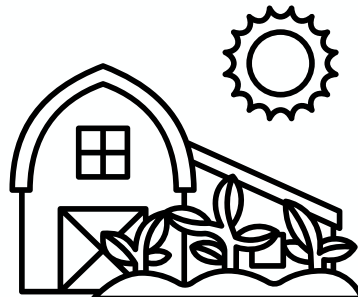
Geospatial and
Drone
Assessment



Seed Selection
and Purchase

Seed Catalog

Inputs
Purchase

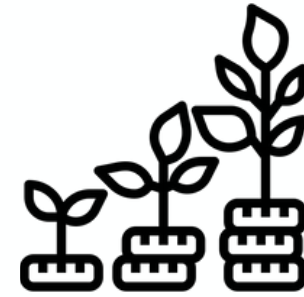


Crop
Management

Disease and
Pest
Monitoring

Plant Nutrition
and Chemicals

Field
Monitoring



Crop Marketing
and Sales

E-Marketplace

Output Market
Linkages

Auction
Platform



Post-Harvest
Process

Harvest
Optimization

Storage
Solutions

Quality Control

**1**

Cropway provides an end-to-end solution for farmers

2

Includes land evaluation, crop planning, management, marketing, and post-harvest processes

3

Encompasses digital transformation across the operational spectrum

4

Covers farm operations to final product delivery

Cropway isn't just about data it's about translating data into power!

01

Empowering Farmers:

Cropway provides market insights for informed decisions, resource optimization, and sustainability.

02

Precision Farming

Our tech targets resources, boosting productivity, reducing waste, and ensuring worker safety.

03

Sustainable Future

Choose Cropway for data-driven, eco-conscious agriculture and endless possibilities..



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CASE STUDY

**Empowering Rural
Farmers through
Cropway's FPO
Meet (Krishi
Sammelan) in
Chhattisgarh**

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INTRODUCTION

Cropway's Marketing and Promotion division organized a series of FPO Meets (Krishi Sammelan) in various locations across Chhattisgarh from May 2022 to Sept 2022.

These events aimed to connect with rural farmers and introduce them to the benefits of new -age farming technologies.



Location

- Sargaon (Bilaspur),
- Wadrafnagar (Balrampur), Baikunthpur (Koriya),
- Saja (Bemetara),
- Dawanbod (Raipur),
- and Kosmandi (Raipur)





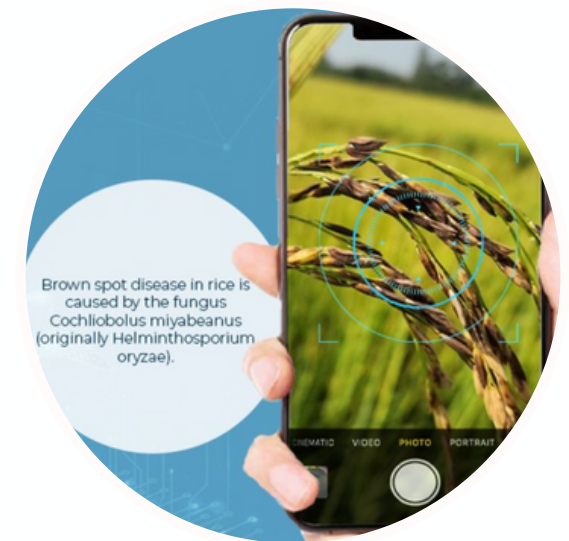
OBJECTIVE

- Provide technical assistance for smart farming practices to farmers.
- Facilitate market linkages for farmers and their Farmer Producer Organizations (FPOs).
- Promote sustainable farming practices.
- Introduce modern agricultural technologies,

Technologies including



GIS Technology



Disease Detection Technology

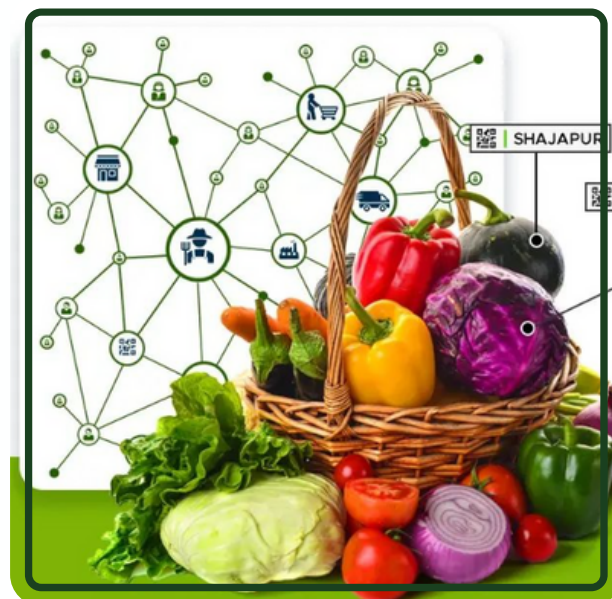


Dynamic Pricing Technology

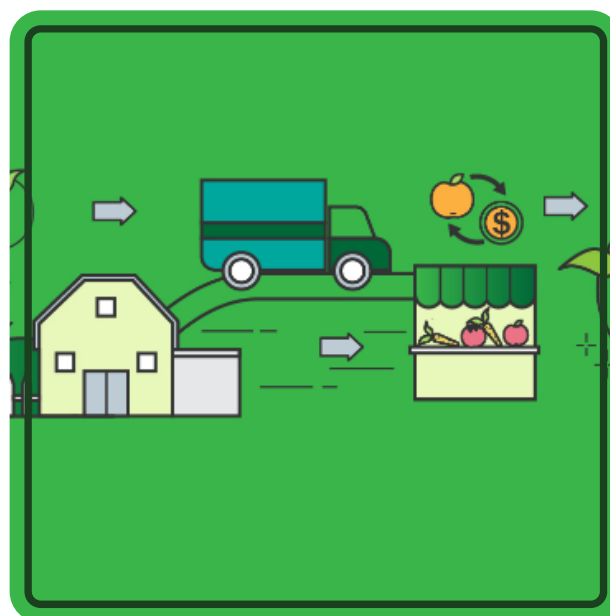




**Nutrient
Recommender**



**Blockchain for
Food Traceability**



Market Linkage

EVENT HIGHLIGHT

1. **Smart Farming:** Demonstrating how Cropway's solutions can assist farmers in optimizing their farming operations.
2. **Market Linkages:** Explaining how the platform connects farmers directly to buyers and processing companies.
3. **Technnnology Showcase:** Presenting a range of modern technologies that enhance farming practices and market access.
4. **Interactive Sessions:** Farmers actively participated by sharing their opinions, problems, and suggestions for the upcoming farming season

FARMER CENTRIC APPROACH



UNDERSTANDING FARMER NEEDS

Cropway's commitment to understanding the needs and challenges faced by farmers was a central theme of the FPO Meets.



INNOVATE SOLUTIONS

The company places a central theme on farmer-centric solutions.



CONSTANTLY IMPROVING

Cropway actively engages with farmers and integrates their feedback to ensure their offerings align with real-world agricultural needs



REAL-WORLD ALIGNMENT

Cropway's focus is on creating solutions that directly benefit and support the agricultural community.

OUTCOMES

FPO Meets organized by Cropway successfully achieved their objectives



Increasing awareness among rural farmers about modern farming technologies



Empowering farmers with tools and knowledge to enhance their agricultural practices



Strengthening the linkages between farmers and potential markets through the Cropway platform



Establishing a collaborative environment where farmers can share their experiences and challenges



CASE STUDY

Transforming Agricultural Prosperity - Koriya Farmer Producer Organization (FPO)

INTRODUCTION

The world of agriculture is evolving, driven by changes in our environment and lifestyles. Cropway envisions a future where food production has a reduced environmental impact, farmers produce goods in demand, and sustainable market connections flourish.

This case study delves into the transformational journey of the Koriya Farmer Producer Organization (FPO), a pioneering group focusing on various commodities such as black rice, scented rice, and other processed goods.



Koriya FPO faced several challenges

low agricultural yields

Poor pricing due to limited market access

A lack of credit facilities

insufficient knowledge among members

issues related to product



Scale: 1300+ Acres, 800+ farmers impacted

CROPWAY



CROPWAY INTERVENED WITH A MULTIFACETED APPROACH:

1

KNOWLEDGE ENHANCEMENT:

·Cropway provided comprehensive training and knowledge-sharing sessions to equip Koriya FPO members with modern agricultural techniques and cost-benefit analysis skills.

2

FINANCIAL SUPPORT:

·Access to credit facilities was facilitated to bolster agricultural activities and investment.

3

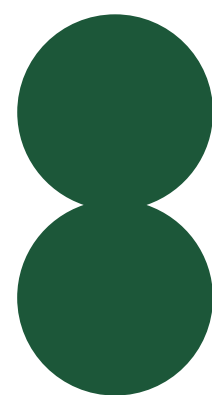
DIVERSIFICATION:

Encouraged the FPO to diversify their product portfolio, with a particular focus on high-demand crops like Lemongrass and Jackfruit.

4

QUALITY ENHANCEMENT:

·Provided access to a sortex machine (sorter and grader) to improve the quality of rice.



Economic Status Improvement

Improved profitability of FPO members.

Revenue Growth (FY22 to FY23)

Expected increase from INR 1.25 Cr to INR 2.0 Cr.

Project Advisory & Expansion

Introduction of Lemongrass and Jackfruit projects; proposal for a 100-acre Jackfruit cultivation project.

Quality Enhancement

Access to a sortex machine for improved rice quality; anticipation of reaching INR 50 Cr in 5 years.

CONCLUSION

The transformation of Koriya FPO exemplifies the potential of strategic interventions and knowledge-sharing in agricultural communities. By addressing challenges related to yields, pricing, credit access, and product quality, Cropway empowered the FPO members to significantly enhance their economic well-being.

The case study underscores the importance of sustainable agricultural practices, diversification, and access to modern technology in realizing the vision of a prosperous and environmentally friendly agricultural future.



CASE STUDY

Empowering Underprivileged Women Through Mushroom Cultivation | Raigarh District

INTRODUCTION

The voices of women farmers are often overlooked due to patriarchal practices and gender socialization. There is a need to expand their roles in agriculture, which could potentially lead to increased agricultural output and revenue.

Guided by Ms. Namrata Yadu's leadership, Cropway initiated a mission aimed at empowering underprivileged women from marginalized sections of society.



Objective

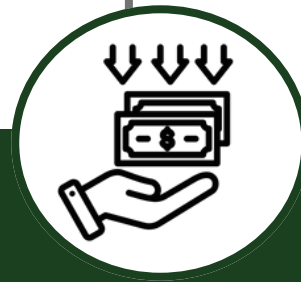
This mission focused on providing them with training that not only enhanced their self-reliance but also brought about transformative changes in their lives by providing them with:



Comprehensive training.



Access to quality inputs & market access.



Additional income sources & enhanced livelihood



Crop management practices.



Boost in productivity & income through information/advisory via a digital platform.

SCALE:

The initiative benefitted 5 SHGs with over 200+ members.



These women were introduced to the world of mushroom cultivation, an endeavor with the potential to significantly improve their quality of life. To kickstart this journey, they were equipped with essential resources, including mushroom spawn for their initial cultivation cycle, along with practical on-field demonstrations.

As they delved into comprehensive training encompassing marketing strategies and effective mushroom management, these resilient women not only secured additional sources of income for their livelihoods but also emerged as inspirational role models for neighboring villages. The impact of this initiative was far-reaching, sparking a wave of enthusiasm in nearby communities as they too began exploring similar opportunities for economic and social advancement.



CONCLUSION:

Cropway took significant steps to support a self-help group of young female farmers and their families in the Indian state of Chhattisgarh, ultimately contributing to the livelihood security of women engaged in mushroom cultivation.



Industry recognition

CROPWAY

Cropway receives
it's first grant from
IGKV RKVY RAFTAAR!

www.cropway.com

The image shows a certificate from the Samunnati Agri Startup Awards 2022. The certificate is awarded to Boaz Agri analytics Pvt. Ltd. as the Winner of the state Chhattisgarh. The reason for the award is being an exemplary impact-driven agri start-up striving towards re-imagining, renewing, and rebuilding the Indian Agriculture Ecosystem. The certificate is signed by Anil Kumar SG, Founder & Group CEO of Samunnati Financial Intermediation & Services Pvt Ltd., and Dr. P. Chandra Shekara, Director General of National Institute of Agricultural Extension Management (MANAGE).

MANAGE
मनोज्ञ

MANAGE
Samunnati

Agri
Startup
Awards
2022

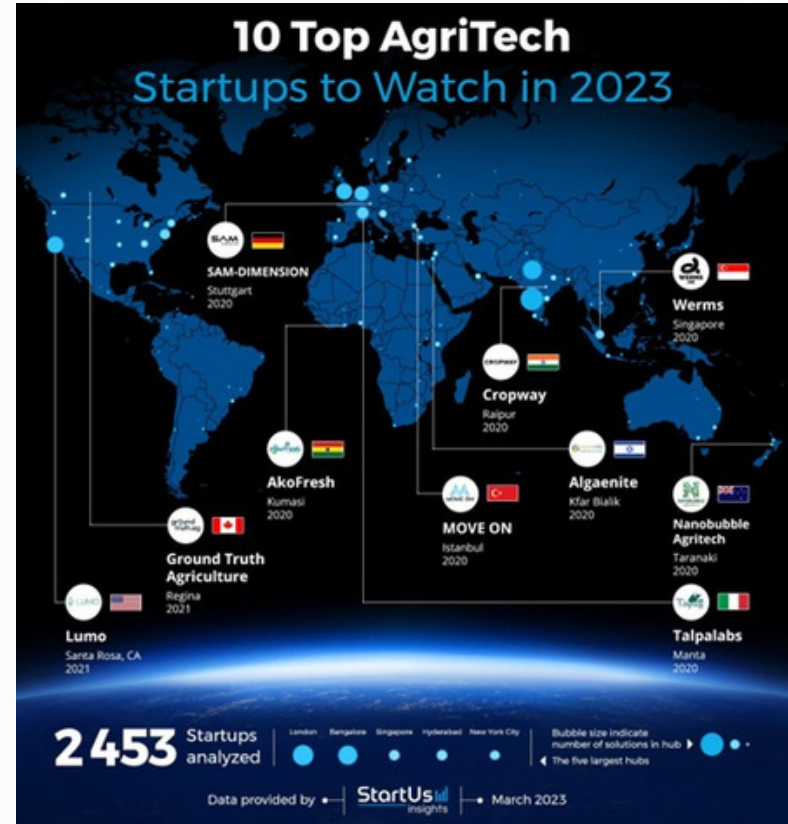
Samunnati

This Certificate is awarded to
Boaz Agri analytics Pvt. Ltd

as the **Winner** of the state **Chhattisgarh**
for being an exemplary impact-driven agri start-up
striving towards re-imagining, renewing, and rebuilding
the Indian Agriculture Ecosystem.

Anil Kumar SG
Founder & Group CEO
Samunnati Financial Intermediation
& Services Pvt Ltd.

Dr. P. Chandra Shekara
Director General
National Institute of Agricultural
Extension Management (MANAGE)



Certificate of Registration

This is to certify that the
Information Security Management System
of
BOAZ AGRI ANALYTICS PRIVATE LIMITED
at
**P 22, SECTOR 1, AVANTI VIHAR NEAR CSRE SUBSTATION, RAIPUR-492001,
CHHATTISGARH, INDIA**

has been independently assessed and is
compliant with the requirements of:

ISO/IEC 27001:2013

For the following scope of activities:

**PROVIDING INFORMATION TECHNOLOGY-ENABLED SERVICES, AGRITECH SOLUTIONS,
IT INFRASTRUCTURE SERVICES & AI BASED SOFTWARE SERVICES.**

Certificate Number: UQ - 2022011143

Validity of this certificate can be verified at www.ukcertifications.org.uk/verify

Date of Certification	
1 st Surveillance Audit Due	11th January 2022
10 th January 2023	10th January 2023
2 nd Surveillance Audit Due	10th January 2024
Certificate Expiry	10th January 2025

Daniel..
Authorised Signatory

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Company No. 11847651

EDITION 03

INDIA FIRST TECH STARTUP CONCLAVE & AWARDS 2023

2023

INDIA FIRST TECH STARTUP CONCLAVE & AWARDS

WINNER CERTIFICATE

This is to certify that

Boaz Agri Analytics Pvt. Ltd.

has been awarded in the category of

Best Data Science Company



Raj Kumar Sharma
(President)

Ministry of Electronics and Information Technology
GOVERNMENT OF INDIA

STARTUP HINDI

SUPPORTED BY

ORGANIZED BY

[illegible]

IQRO
QUALITY RESEARCH ORGANIZATION

Certificate of Registration

This is to certify that

BOAZ AGRI ANALYTICS PRIVATE LIMITED
P 22, SECTOR 1, AVANTI VIHAR NEAR CSBE SUBSTATION, RAIPUR-492001,
CHHATTISGARH, INDIA

has been independently assessed by QRO
and is compliant with the requirement of:

ISO 9001:2015

Quality Management System

For the following scope of activities:

**PROVIDING INFORMATION TECHNOLOGY-ENABLED SERVICES, AGRITECH SOLUTIONS,
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Date of Certification: 11th January 2022
1st Surveillance Audit Due: 10th January 2023

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Certificate Expiry: 10th January 2025

Certificate Number: 305022011128Q

IQRO
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EGAC
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C.I.B.R. 1500075

IAF
International Accreditation Forum

Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 360 days from date of the audit.
(If any surveillance audit is not allowed in the scheduled this certificate shall be suspended/ withdrawn).
The validity of this certificate can be verified at www.guest.org
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Website : www.guest.org E-mail : info@guest.org

FOCUS STARTUPS



STARTUP ICON

CROPWAY

climate resilience research and insight sharing, based on empirical inputs from highly specialized agri and data scientists on present and future farm performance.

The platform leverages open-source data to promote sustainable agriculture practices and uses blockchain technology to ensure product provenance and increase traceability, strengthening food systems and food security. It facilitates input market linkages supported with logistics infrastructure networks, improves yield through precision agriculture, helps digitize records through farm management, institutes quality management and traceability, facilitates output market linkages through efficient post-harvest supply-chain, and provides access to credit and insurance through appropriate financial institutions.

Rituparna
CEO
@Cropway

Cropway, an agri-tech startup, is revolutionizing the agribusiness sector through its 360-degree smart self-delivering integrated platform. The platform provides data-driven solutions to improve productivity and profitability in the agricultural value chain, empowering farmers and stakeholders to make informed decisions while promoting sustainability. Cropway's cutting-edge technology, including AI, machine learning, data science, and IoT, is aimed at strengthening small and marginal farming communities and improving food supply chain input-output linkages.

M/s Boaz Agri Analytics Co. Ltd., the Indian "mission-driven data science startup" behind Cropway, won the Best Agri Startup 2024 award from Sammanni & Manager and has received initial funding from the Government of India. The company's focus is on addressing agriculture's fragmented nature by providing technology solutions towards global sustainable development (SDG) to fight hunger, climate change, and responsible sourcing consumption.

Cropway's diverse, cross-functional team of data science, management, and agriculture science professionals is paving the way for a sustainable and technology-driven agribusiness ecosystem. By offering affordable and accessible technology solutions to farmers and stakeholders in the agricultural value chain to make data-driven decisions for improved productivity and profitability while promoting sustainability.

One of Cropway's standout features is its ability to identify gaps that are robust to climate change and those that are particularly prone to pest-disease using remote sensing and pattern identification algorithms. This data-driven approach allows the platform to promote

20 AICRA FutureTech

OUR NETWORK ADVANTAGE



THANK YOU!



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www.cropway.com



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Station, Avanti Vihar, RAIPUR (C.G.)

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