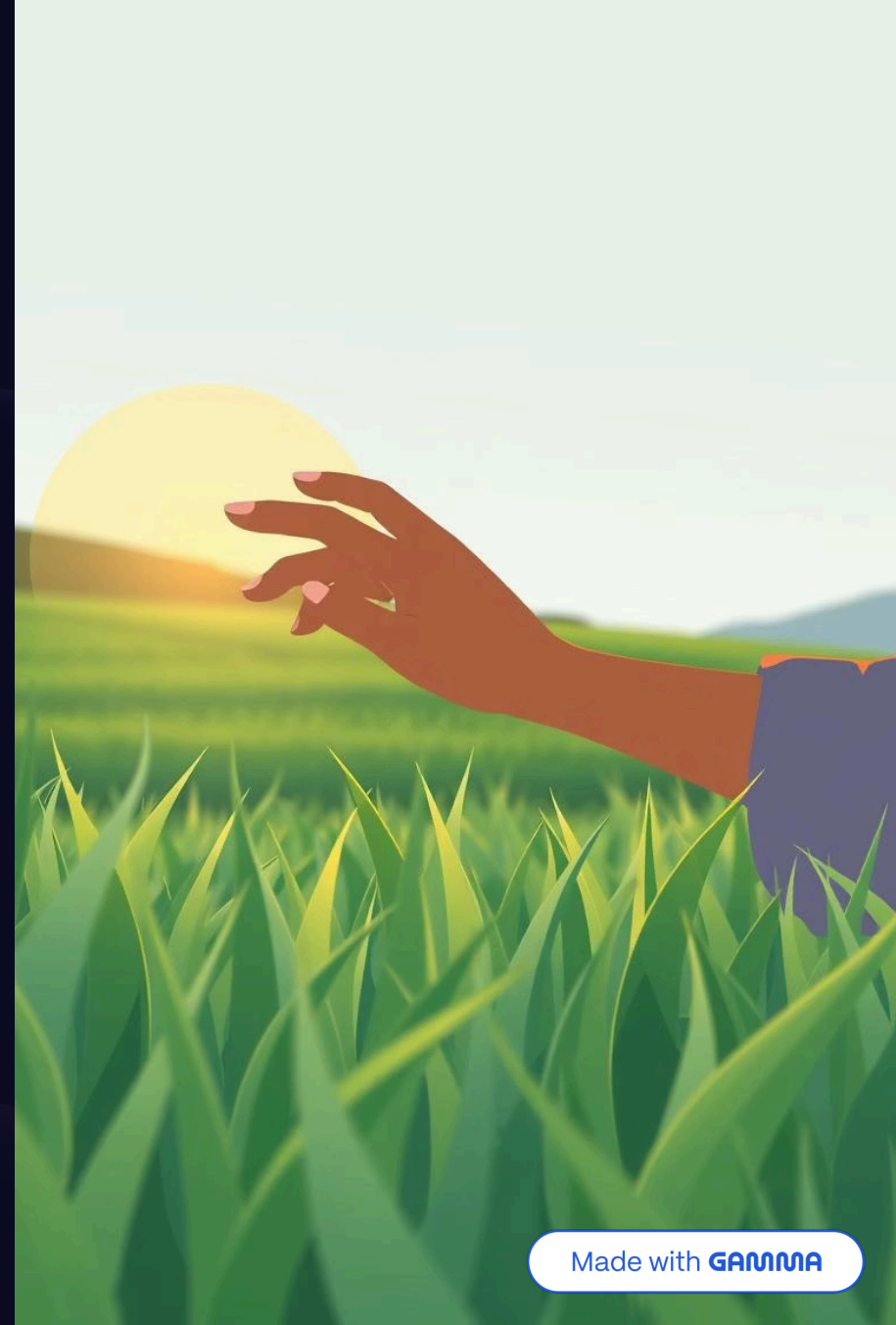


# Project Syasya-Carbon: Empowering India's Smallholder Farmers

Unlocking climate action and prosperity through innovative carbon solutions.



## THE CHALLENGE

# High-Cost MRV: A Barrier to Entry

### Complex & Manual

Traditional Measurement, Reporting, and Verification (MRV) processes are labour-intensive and costly for smallholder farmers.

### Exclusion

High MRV costs prevent small-scale landholders from participating in lucrative carbon markets.

### Limited Impact

This exclusion limits the potential for large-scale climate impact and farmer income generation.

## OUR SOLUTION

# Syasya-Carbon: A Hybrid MRV Platform



Project Syasya-Carbon introduces a **groundbreaking hybrid MRV solution** that combines cutting-edge satellite AI with an intuitive farmer-first mobile application.

- Satellite imagery and AI for broad-acre monitoring.
- Mobile app for precise, farmer-reported ground truth data.
- Ensuring data accuracy and integrity at scale.

# Key Features & Benefits



## Automated Data Collection

Leveraging AI for seamless, continuous monitoring of carbon sequestration.



## User-Friendly Mobile App

Empowering farmers to easily record and verify their sustainable practices.



## Significant Cost Reduction

Reducing MRV expenses by up to 70%, making carbon markets accessible.



## Increased Farmer Income

Directly connecting farmers to carbon credit buyers, ensuring fair compensation.

## IMPACT HIGHLIGHTS

# Transforming Lives and Landscapes

**70%**

### Cost Reduction

Average reduction in MRV costs for smallholder carbon projects.

**300K**

### Farmers Impacted

Target number of farmers to be onboarded within first 3 years.

**\$200**

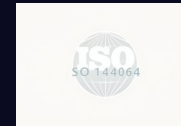
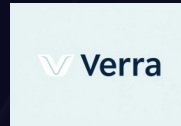
### Additional Income

Average annual additional income per farmer from carbon credits.

Our platform not only facilitates access to carbon markets but also promotes sustainable agricultural practices, leading to healthier soils and improved biodiversity.

## ALIGNMENT & TRUST

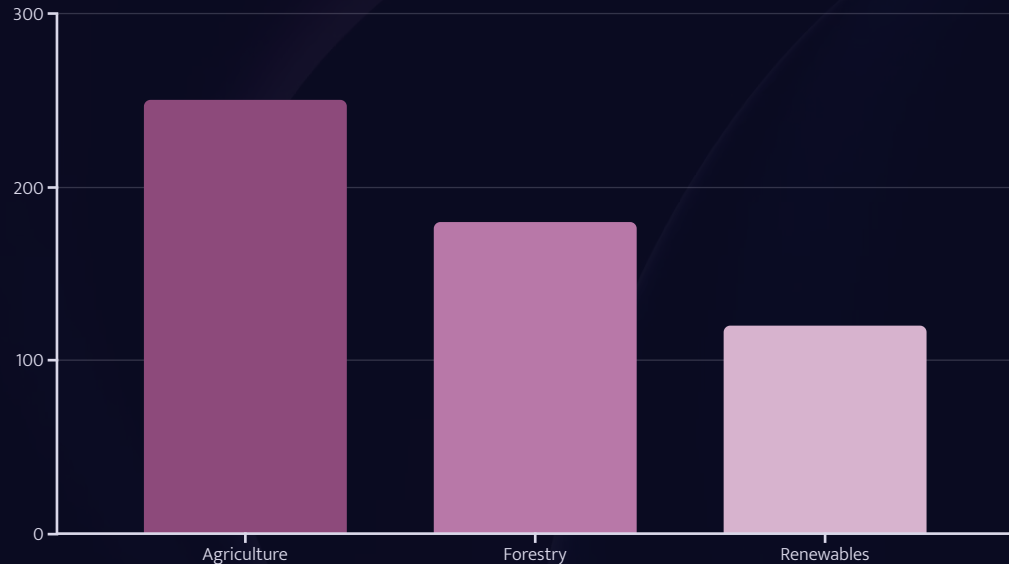
# Adhering to Global Standards



Syasya-Carbon is meticulously designed to comply with leading international carbon certification standards, including **Verra** and **Gold Standard**, ensuring the integrity and marketability of generated carbon credits. Our MRV protocols are built on transparency and scientific rigor, ready for ISO 14064 validation.

## THE MARKET OPPORTUNITY

# Unlocking India's Carbon Potential



India's agricultural sector holds immense potential for carbon sequestration. With over 100 million smallholder farmers, a scalable and cost-effective MRV solution is crucial to tap into this market.

Syasya-Carbon is poised to become the leading platform for connecting these farmers to the global carbon market, driving both economic growth and environmental sustainability.

## OUR VISION

# Scaling Climate Action, Farmer by Farmer



### Pilot Expansion

Expand successful pilot programmes across key agricultural regions in India.

### Platform Refinement

Continuously enhance AI algorithms and mobile app features for optimal performance.



### Strategic Partnerships

Forge alliances with carbon buyers, development agencies, and financial institutions.

### Global Replication

Adapt and deploy the Syasya-Carbon model to other developing nations facing similar challenges.





# Join Us in Cultivating a Sustainable Future

Project Syasya-Carbon offers a unique opportunity to invest in a scalable solution that delivers tangible climate benefits and empowers millions of smallholder farmers.

Together, we can turn agricultural land into a powerful carbon sink and transform lives.