

CIBO

Scaling Regenerative Agriculture

Science-Based Platform for Regenerative Agriculture

CIBO has developed a breakthrough approach to scaling and accelerating regenerative agriculture.

CIBO connects growers with enterprises ready to meet their ESG, carbon, and Scope 3 commitments. Companies can understand the emissions reduction potential of the ag supply chain, incent growers to make changes, and monitor, verify, and report on results. Growers can find and enroll in the right programs quickly and easily.

The platform is built on advanced ecosystem simulation, AI, computer vision and software technologies, providing the following capabilities at scale and with minimal farmer inputs.

CIBO Grower

Navigate and Generate
Incentives



Supports growers on their journey to regenerative ag through streamlined enrollment and access to incentives including insets, offsets, and government programs.

CIBO Enterprise

Power Sustainability
Initiatives



Powers regenerative ag initiatives of grower-focused food and ag companies. Understand the carbon footprint of the supply shed; incent growers through pay-for-practice, premiums, carbon farming or discounts; or source growers for programs.

CIBO Insights

Evaluate Land & Ag
Systems



Free insights and intelligence about land and ag systems. Map-based user experience. Parcel-level details including soil, weather, productivity, and practice history.

Breakthrough Technology

CIBO applies patented data science, AI, and computer vision to deliver deep insights at scale. Backed by some of the best minds and institutions in the academic and agricultural industries, CIBO is powerful and high-performing— while remaining incredibly easy to use.



Scientific Crop Modeling & Ecosystem Simulation

- Fully scaled mechanistic ecosystem model
- 20+ years of academic research and hundreds of person-years of development

Computer Vision / Remote Sensing

- Advanced algorithms, neural networks, and AI enable identification of on-the-ground practices
- Detects cash crops, cover crops, tillage practices, and managed boundaries

Software Application & Scaled Cloud Infrastructure

- Service-based architecture deployed on AWS with unlimited scaling
- Automated data pipeline and scaled processing of above models in near-real-time

CIBO turns complicated field-level inputs into simple insights anyone can use.



CARBON
FOOTPRINT



PRACTICE
VERIFICATION



INCENTIVE
MANAGEMENT



SCOPE 3
REDUCTION



MANAGEMENT
HISTORY



YIELD

Meet CIBO's Science Team

Renowned scientists with technical expertise & a passion for transforming agriculture

70%+

Has a Ph.D.

550+

Articles Published

14,500+

Article Citations