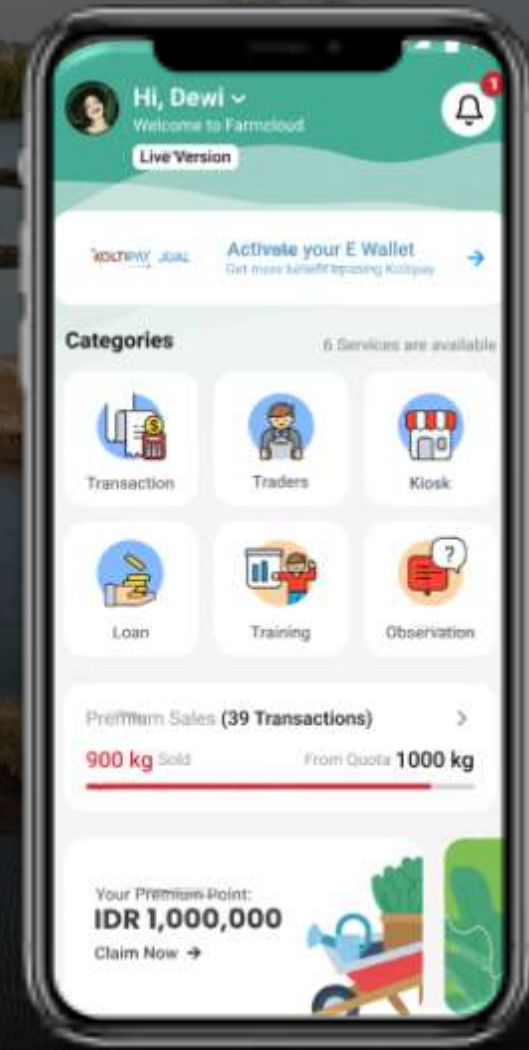




# Enabling Global Supply Chains to be Inclusive, Climate-Smart, and Traceable



BEYOND TRACEABILITY

# Our Executive Team



**Manfred Borer**  
Chief Executive Officer

**Manfred** has over 20 years of experience in entrepreneurship and 12 years in rural development and working alongside multinational companies' agriculture supply chains.



**Bernard Chevalier**  
Chief of Staff

**Bernard** has over 12 years of experience in leadership, organizational development, and project management in various executive positions in different Swiss companies.



**Ainu Rofiq**  
Chief Operations Officer

**Rofiq** has more than 15 years of experience in community development with technology and social agriculture.



**Furqonuddin Ramdhani**  
Chief Technology Officer

**Dhani** has more than 10 years of experience in software development and data warehousing.



**Tika Sylvia**  
Chief Marketing Officer

**Tika** has 10+ years of experience in leading B2B2C across various industries, Logistic, Prop-Tech, and eCommerce.



**Ria Arianti**  
Chief HR Officer

**Ria** has 22+ years of services as management consultant, HR Practitioner and business partner in Asian and European countries.



**Markus Sauter**  
Chief Financial Officer

**Markus** has been 10+ years in financial industry and worked as the CFO in an Indonesian bean-to-bar chocolate manufacturer start up.

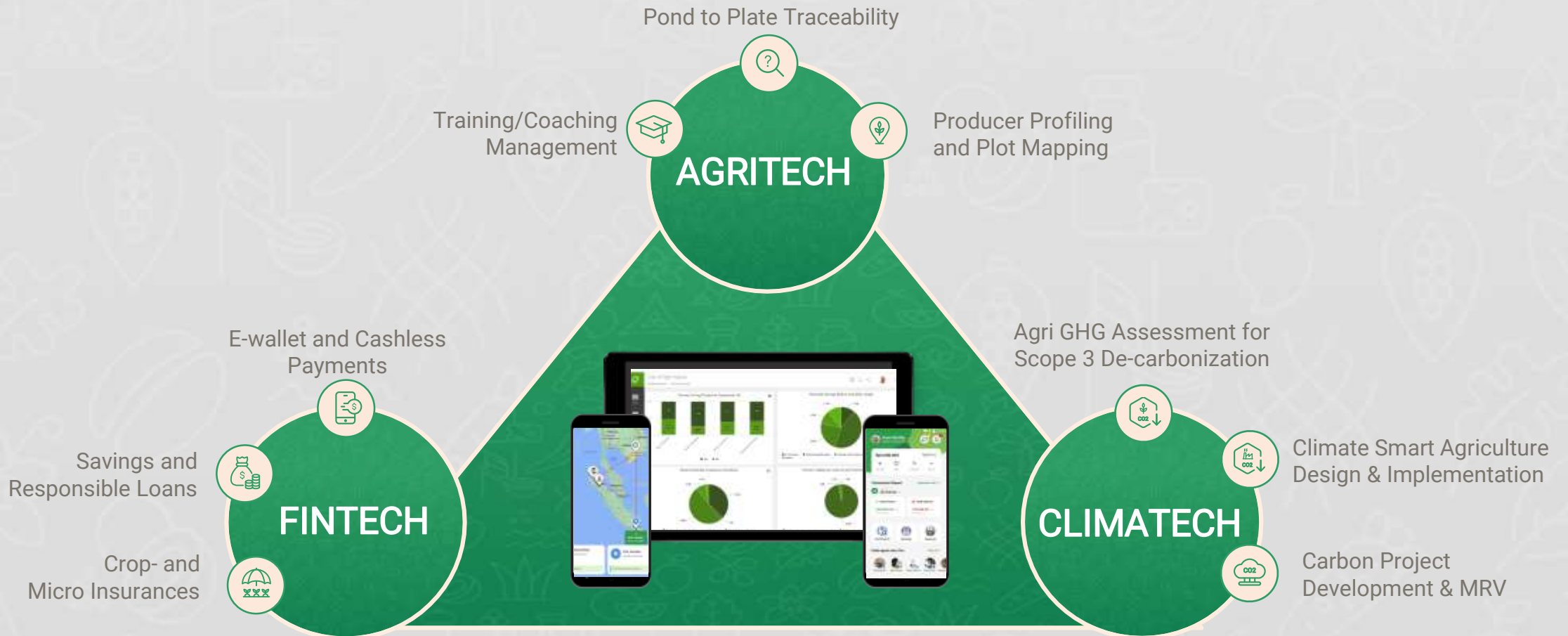


**Florian Reimer**  
Chief Climate Officer

**Florian** has more than 12 years of experience in sustainable development in Global South, corporate sustainability action & commodity supply chains.

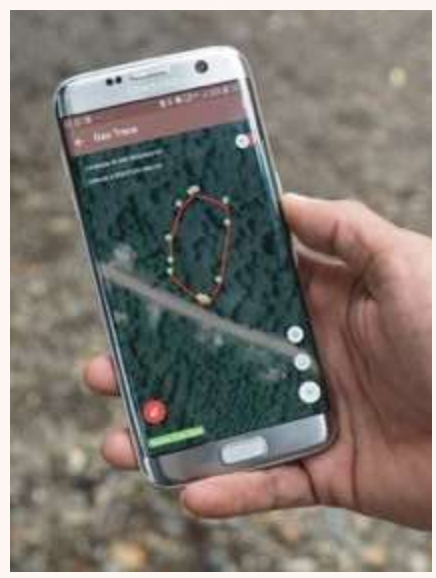


# Leading agritech start-up enabling **inclusive, climate-smart, and traceable** global supply chains



# End-to-end solutions for all supply chain actors

## KOLTITRACE



### TECH SOLUTIONS FROM SEED TO TABLE

Web, mobile, GIS, and IoT solutions empowering producers and businesses in global supply chains.

## KOLTIPAY



### RESPONSIBLE DIGITAL FINANCE AND PAYMENTS

Integrated fintech platform for cashless payments, loans, savings, micro-insurance, and bill payments.

## KOLTITRADE



### AGRI-INPUTS-, CROP-, AND CARBON TRADING

Distribution of agri-inputs, single origin crop processing and trading, and carbon credits trading.

## KOLTISKILLS



### PROFESSIONAL SERVICES BEYOND TRACEABILITY

'Boots on the Ground' for extension services, farming support, and carbon monitoring.

# Highlighting Our Most Impactful Clients



# Our Global Expansion

+9

Years Experience

32

Countries Worldwide

39

Commodity Track & Trace

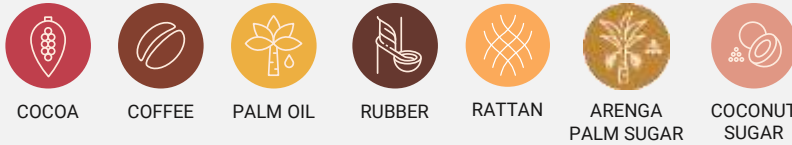


## 9 Customer Support Offices

ECUADOR | INDIA | INDONESIA | IVORY COAST | MÉXICO  
PHILIPPINES | SWITZERLAND | UGANDA | VIETNAM

# We Trace 39 Produce and Products

## PLANTATION CROPS AND NON-TIMBER FOREST PRODUCTS



## FRAGRANCES, FLAVORS, AND SPICES



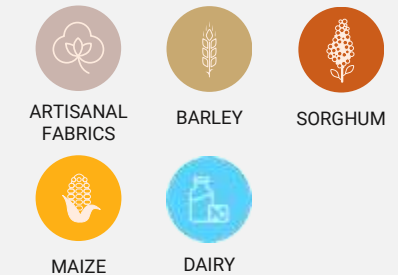
## TROPICAL FRUITS



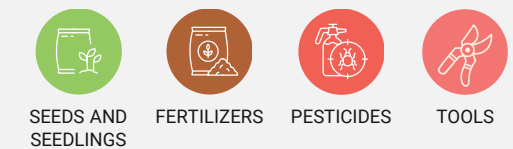
## AQUACULTURE



## GRAINS, GRASSES, CEREALS, DAIRY



## AGRI-INPUTS





# Introducing the All-in-One Global Supply Chain Solution

# Record Key Data Elements at each Critical Tracking Event

## Harvest and Production Record

- Key data elements reporting farm productivity that are generated after harvest. Priority KDE's are attached to transaction to Processor through application.

## Farm Details & Maintenance Record

- Aligned to gather data on farm type, location, legality that are required for compliance and certification
- KDE's regarding farming intensity, inspections, disease history and water quality monitoring

## Farmer & Laborer Details

- Basic data regarding age, working type and wage of labourers on farm site ensuring compliance local labour regulations and preventing child labour

## Delivery from Farm to Factory

- Recording the critical tracking events during fish transport that help visualize and support the chain of custody
  - Species
  - Item ID
  - Batch Number
  - Weight
  - Unit of Measure

## Batch Processing Record

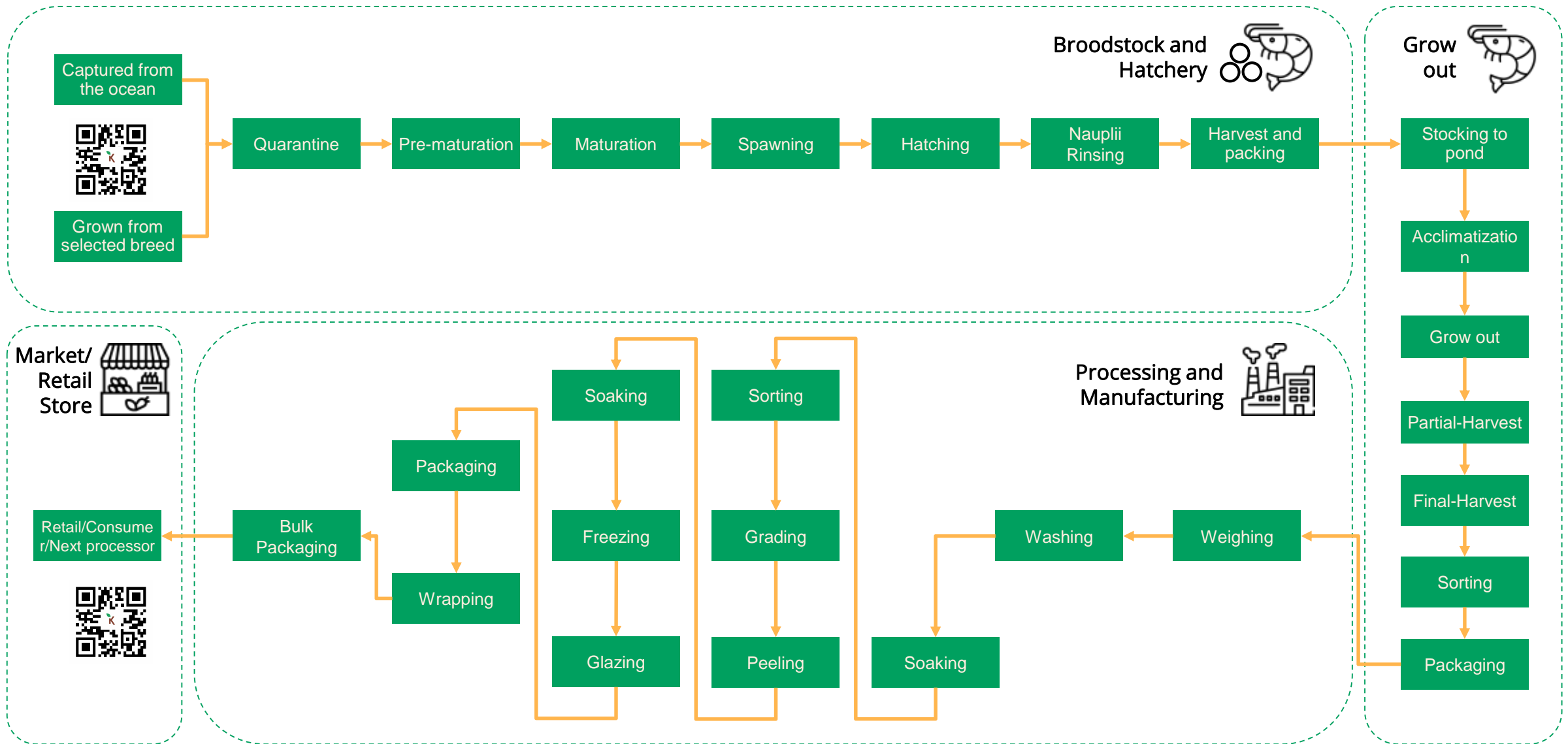
- Capturing batch processing steps inside the factory with easy-to-use mobile apps.

## Web Dashboards and Reports

- Visualizing all data and activities from real-time data input on mobile apps for business monitoring and reporting.



# Our Holistic Pond to Plate Traceability



# Communicate **Impact** to the End Consumers with QR Codes

Pond to Plate

100% TRACEABLE

TRANSPARENT AND INCLUSIVE



From Producer to Table

100% TRACEABLE

TRANSPARENT AND INCLUSIVE



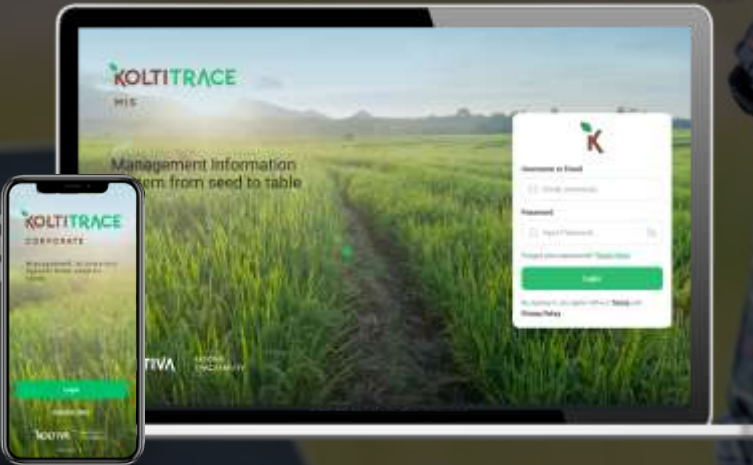
Coffee Bean to Cup

100% TRACEABLE

TRANSPARENT AND INCLUSIVE



# KoltiTrace, an Integrated **Multi-Crop Platform** for the Businesses



## Farm Management

Farmers data profile, training metrics, register and survey suppliers, interaction with farmers and producers including price notifications.



## Traceability Data-Proven

Crop production traceability with complete farmers, producers, data profile and verified digital transaction from seed to table.



## Geo Location Mapping

Advanced geo-location mapping for verified supply chains. Map production units and fields.



## Supply Chain GHG Assessment

Seed to Factory Scope 3 GHG emissions, including mapping deforestation and emissions from historic Land Use Change (LUC).



## Connected with IoT

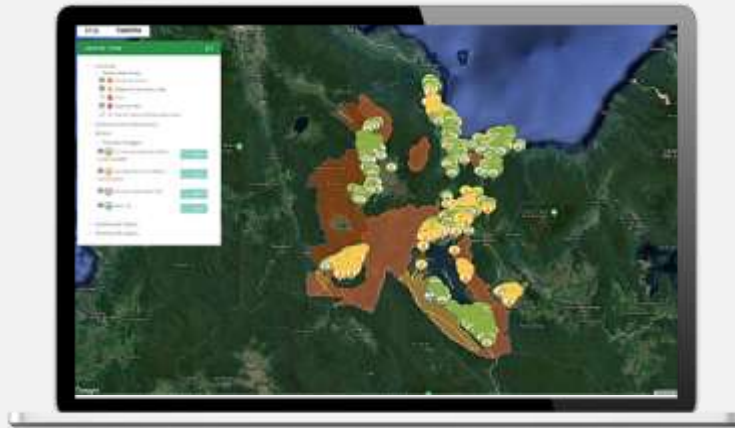
Automate data exchange with smart farming technology solutions with digital scales, portable soil analysis, and solar-powered weather stations.



## Extension Services

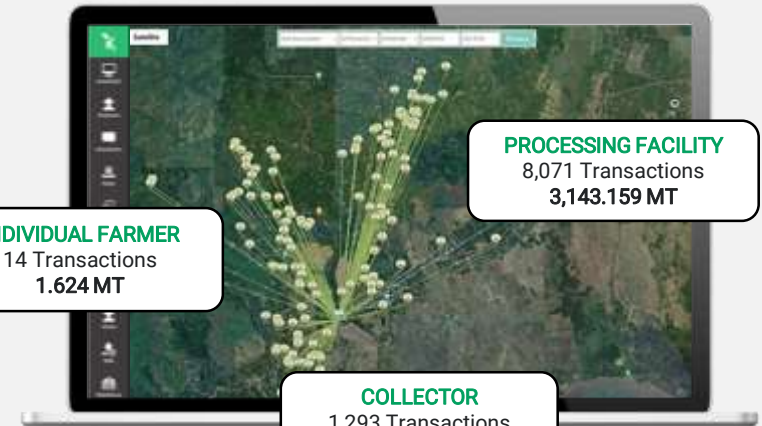
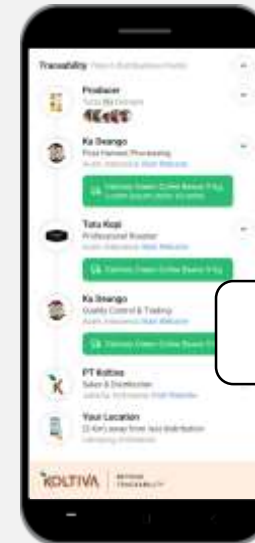
Farmers and producer surveys, polygon mapping of farm boundaries, training and coaching registrations, including access to agriculture knowledge & material.

# Advanced Features for Verified Supply Chains



## Geo Location & Mapping Features

The leading management information system platform enabling large businesses to control farm operations, make data-driven decisions, cost optimization and improve yields with proven system of traceability, from seed to table.



**INDIVIDUAL FARMER**  
14 Transactions  
1.624 MT

**PROCESSING FACILITY**  
8,071 Transactions  
3,143.159 MT

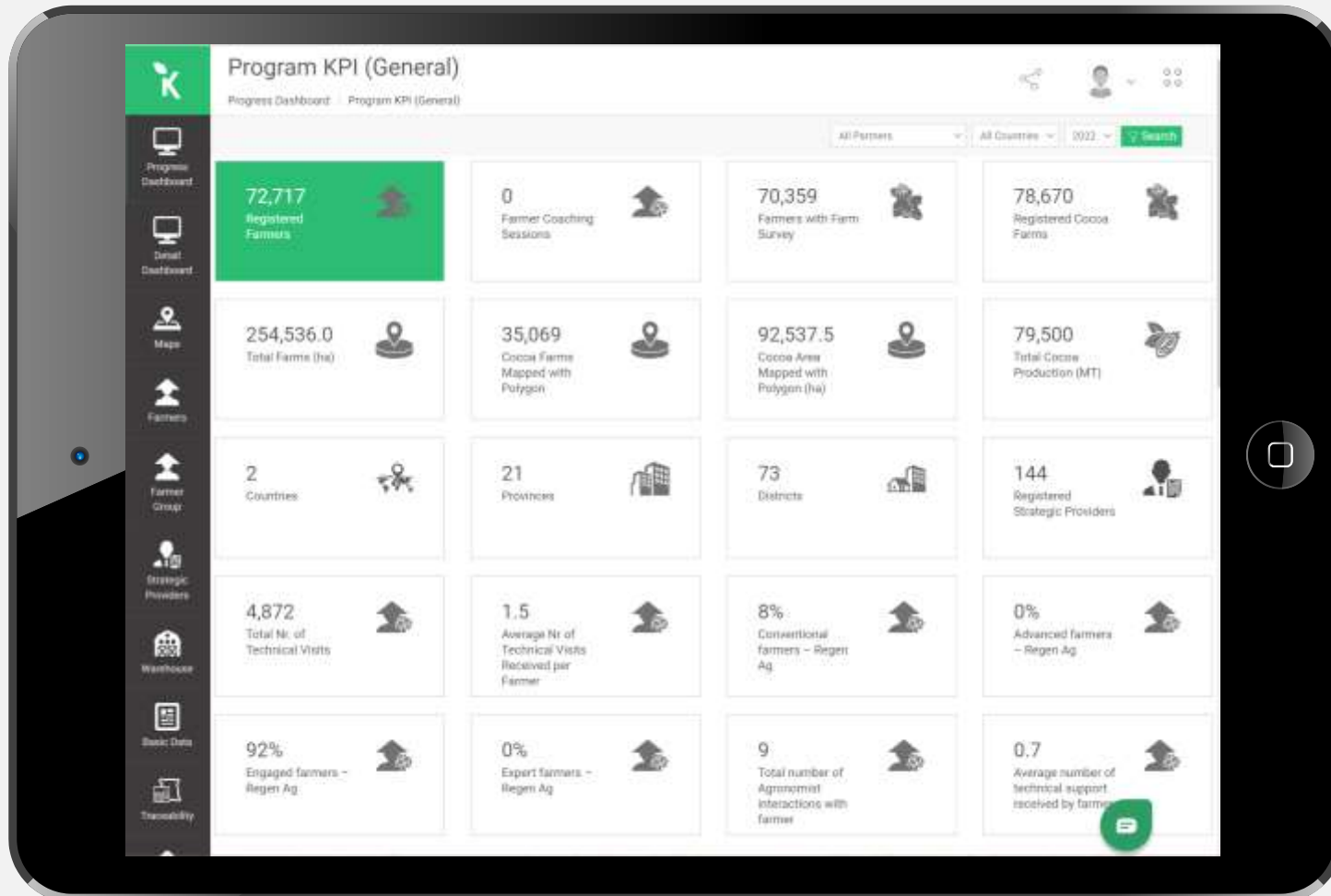
**COLLECTOR**  
1,293 Transactions  
111.028 MT



## Traceability from Seed to Table

With provenance information, data will be traceable and reproducible. Farming data collection, farmers and producer data profile, with verified digital transaction from seed to table.

# Producer Supply Chain Management



Verify traceability from independent smallholder producers, collectors, and traders to its warehouses, processing facilities, and retailers to the end customers.

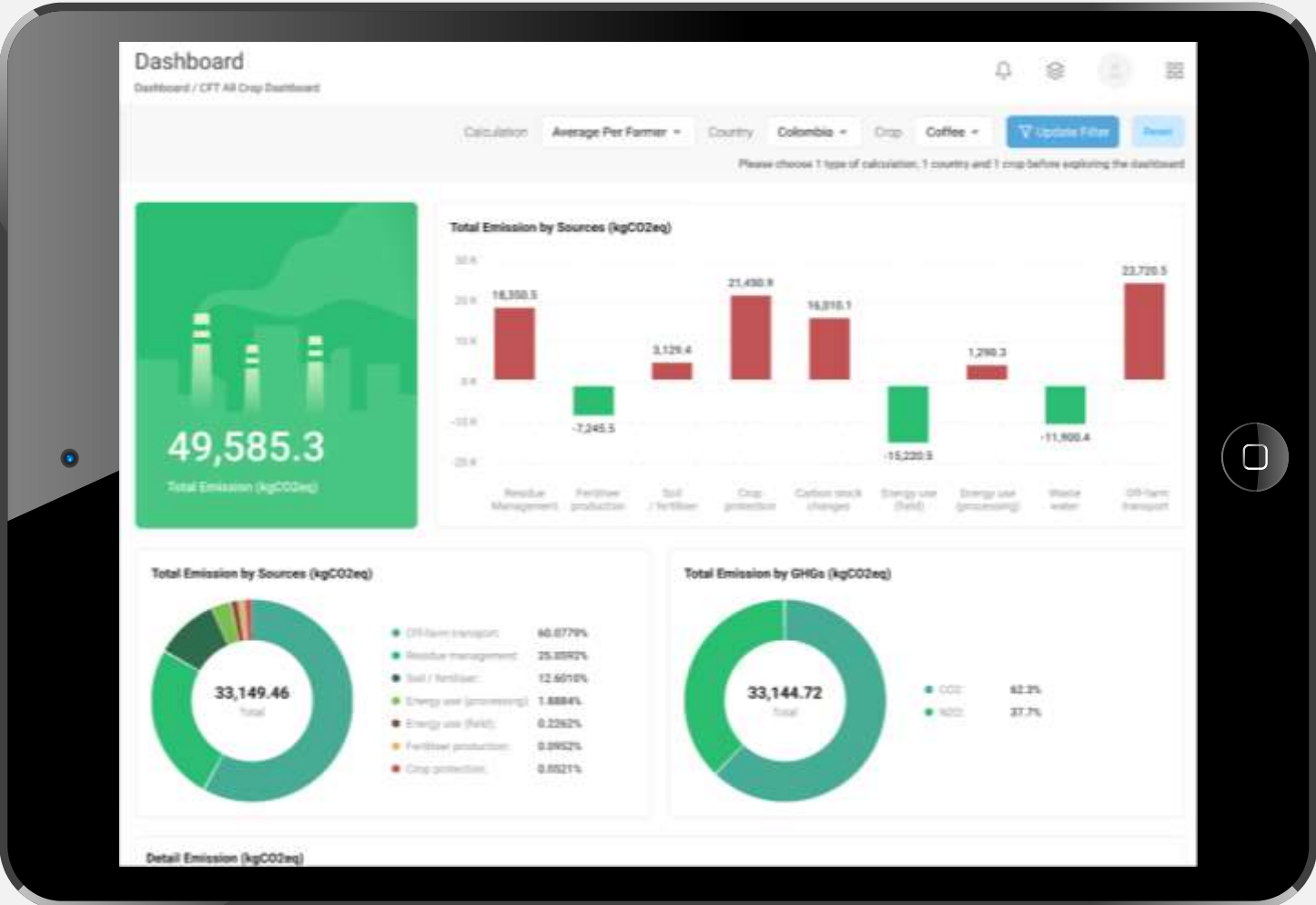


Comprehensive KPI dashboard. Monitor producer's demographics, complete profile, training progress, coaching sessions data, and transaction history.



Access can be used by management, warehouse/trading staff, suppliers, buyers, and project donors. Each access group can be fully tailored to comply with data sharing agreements and data privacy policies.

# Sourcing Origin GHG Management



Detailed annual GHG emissions and carbon removals from all value chain steps. See absolute GHG emissions or GHG intensity per ton material sources.



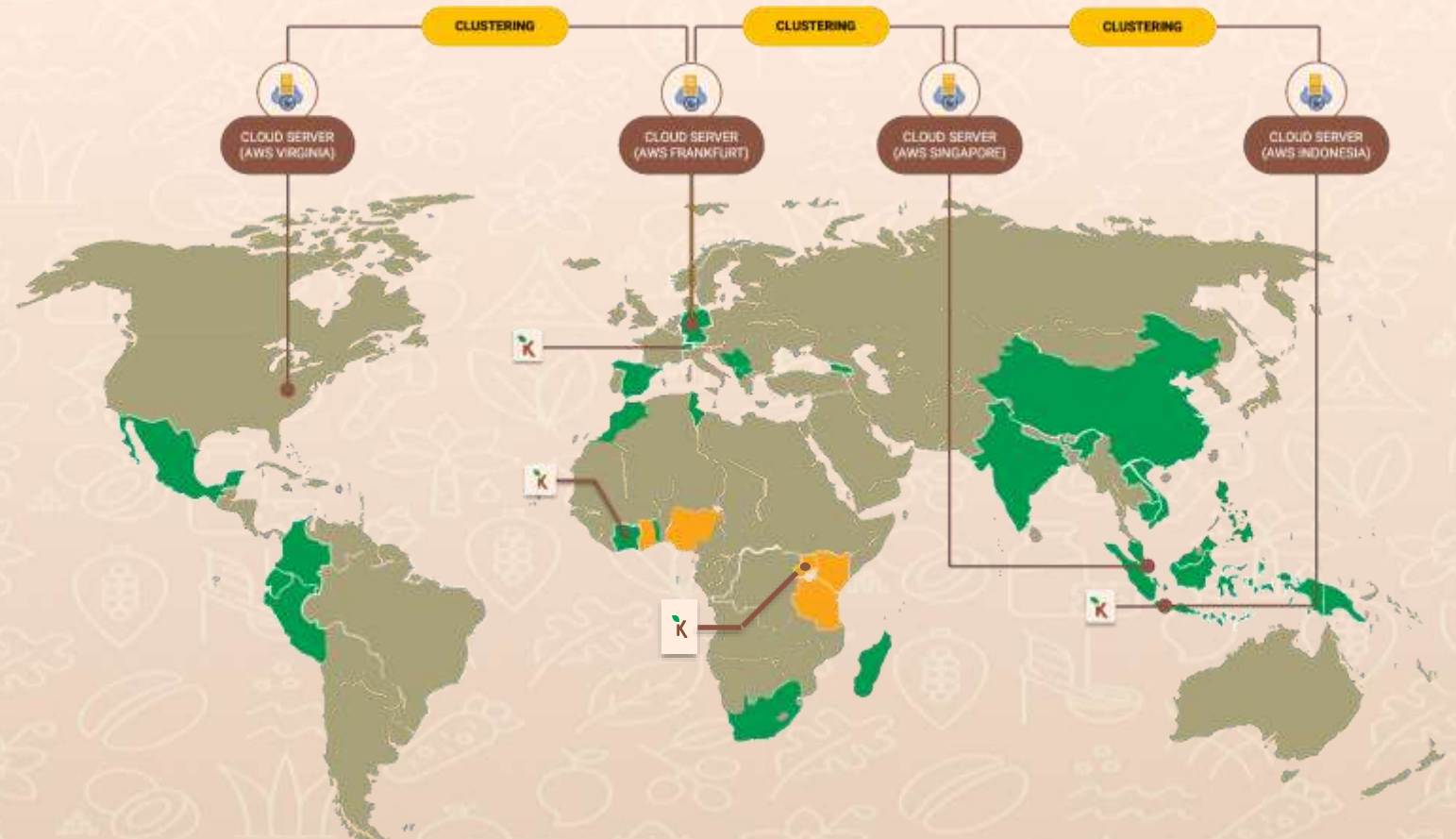
Emission Reduction Opportunities based on local potential for emission reduction and cost of intervention. See a comprehensive and easy to understand Value for Money in \$ / tCO2e of possible actions.



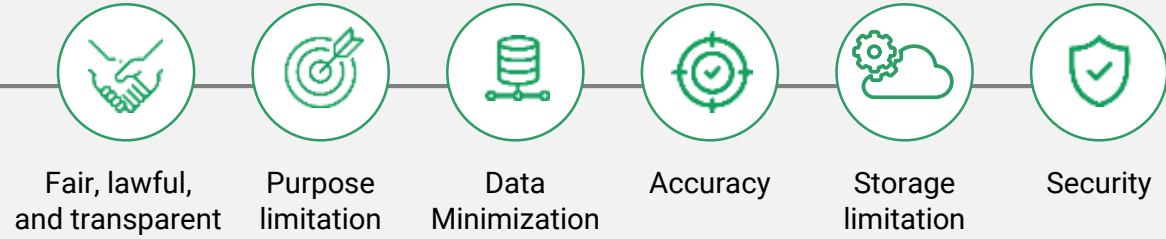
Cross Referencing of global data from GAP Adoption, Climate and GHG, Agri-Inputs use, Soil Conditions, Farm Revenues, and Supply Chain Loyalty.

# Global Cloud, Customer Success Coverage and Data Protection

We comply with **GDPR** regulation and use a global Amazon Web Service (AWS) cloud server infrastructure, that allow you and your users to have close to real-time access to updated and synced data, globally. Users are supported out of four Koltiva offices.



# General Data Protection Regulatory Compliances



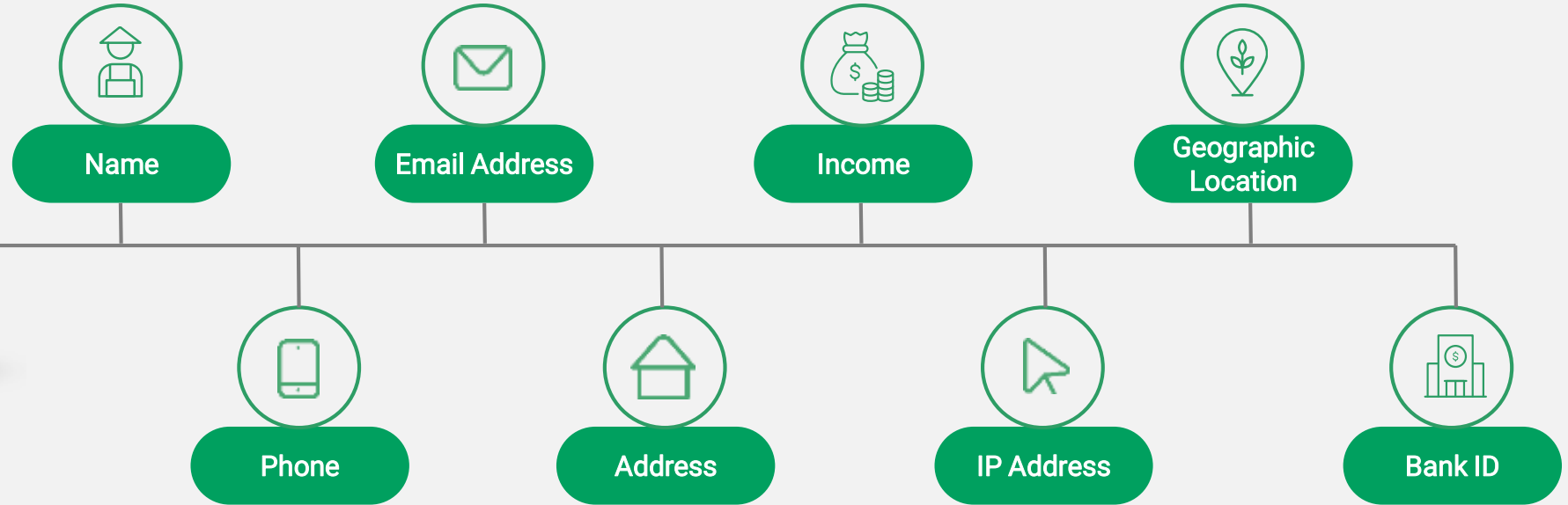
**USER RIGHT**

1. Right to Access
2. Right to Rectification
3. Right to Be Forgotten (30 days)
4. Right to Data Portability
5. Right to Object

**GDPR** General Data Protection Regulator



Personal Data in KOLTITRACE



# ESG Indicator Dashboard



## Environmental

Monitoring and measuring

- Sustainable aquaculture practices,
- Ecosystem impacts and biodiversity,
- Pollution and waste.



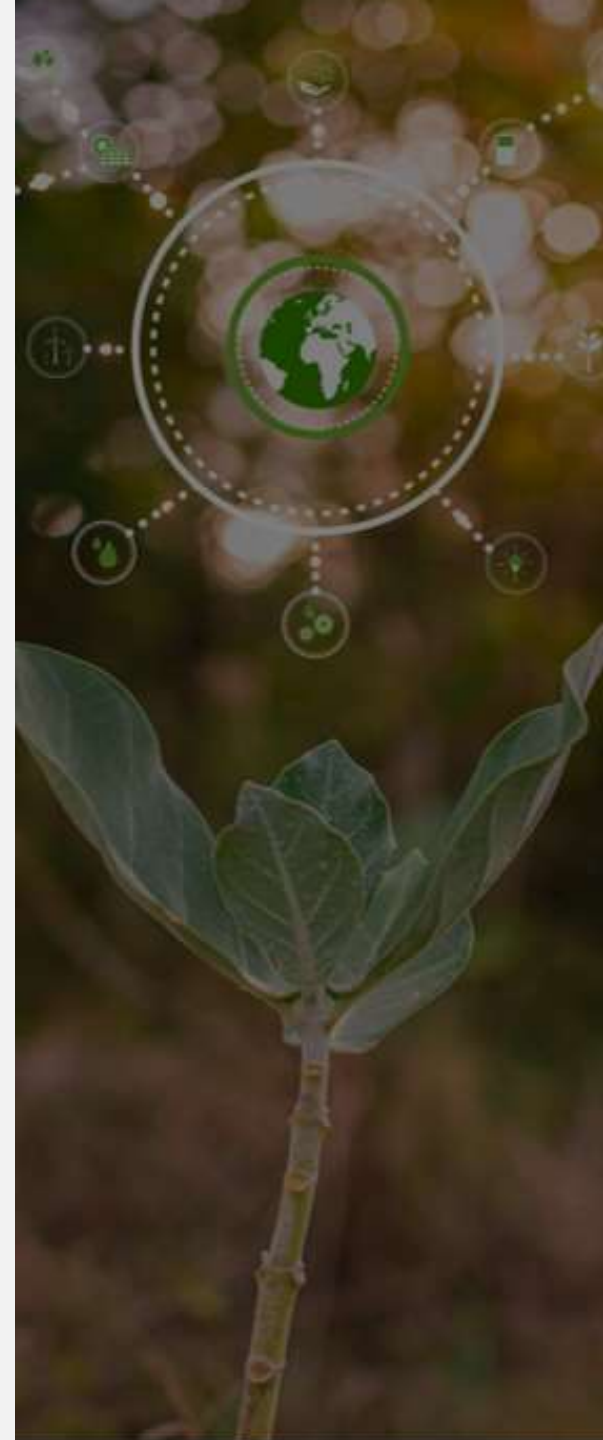
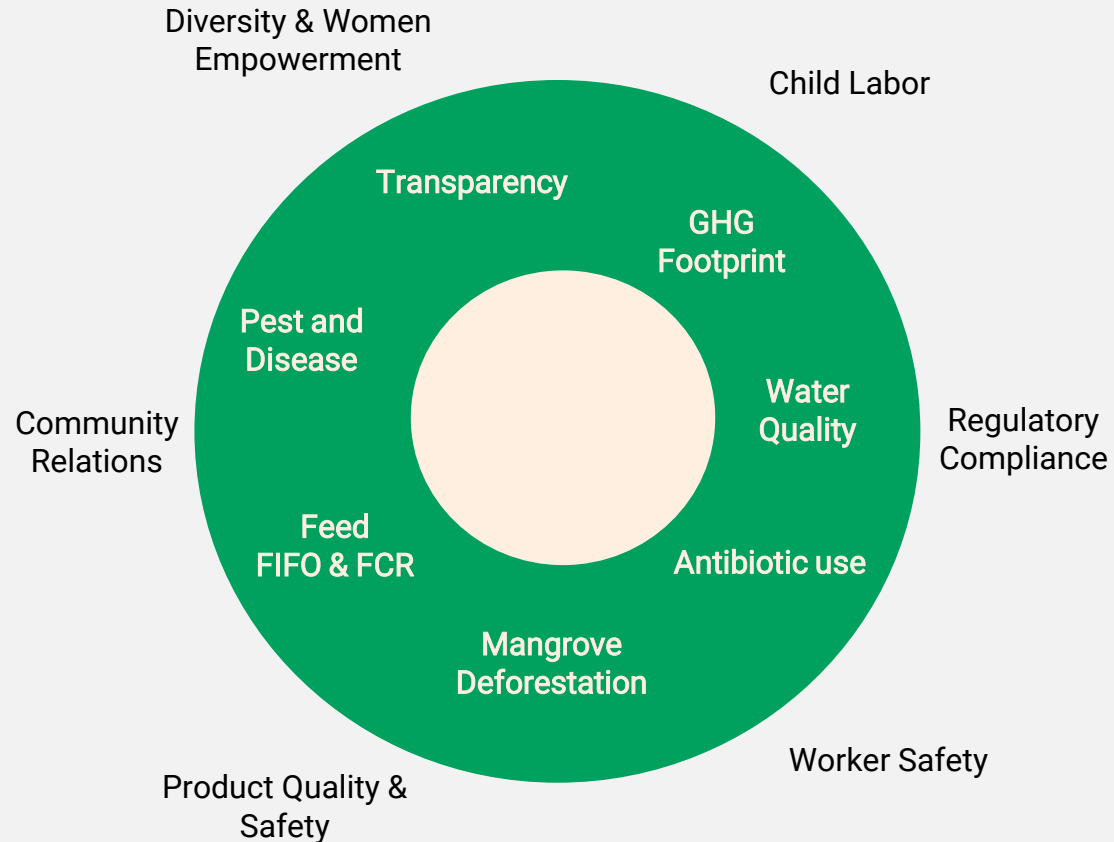
## Social

Considering stakeholder involvement in farming practices and the overall well-being of smallholder farmers.



## Governance

Ensuring farm legality and proper ownership, monitoring employee relations and overall farm management structure.



**KOLTIVA**

BEYOND  
TRACEABILITY

[koltiva.com](https://koltiva.com)

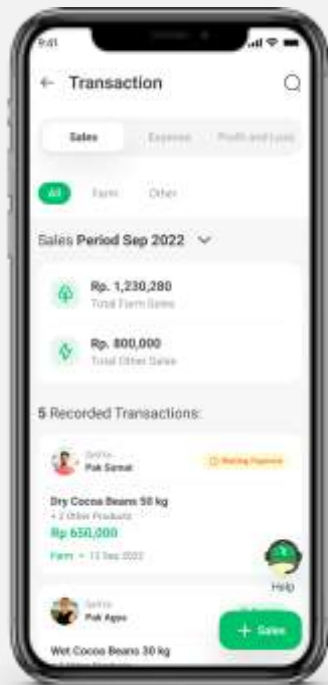
[info@koltiva.com](mailto:info@koltiva.com)

[Linkedin](#)

[YouTube](#)



# KoltiTrace FarmCloud Mobile **Farmers Apps** Features



Market  
Transparency



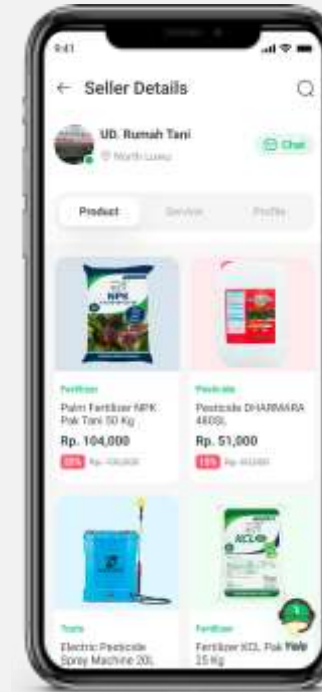
Digital Learning  
Materials



Agricultural  
Calendar



Farmers  
Certification



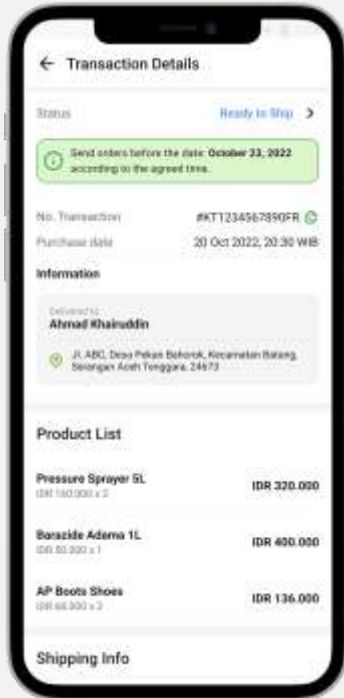
Access to  
Buyers

## KEY FEATURES:

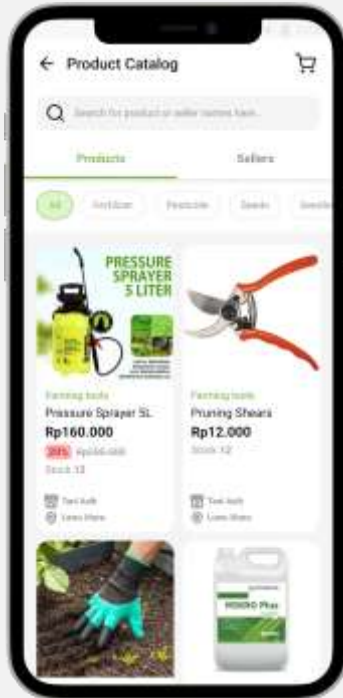
- eTraining modules
- Collector networking
- Farmers profile
- Real time transaction data and validations
- Chat with Field Agent, suppliers, and collector
- Capacity building & training
- Digital payments (saving, PPOB transaction)
- Crop procurement
- Smart weather advisory
- Purchase of quality inputs
- eLoans

# KoltiTrace FarmRetail

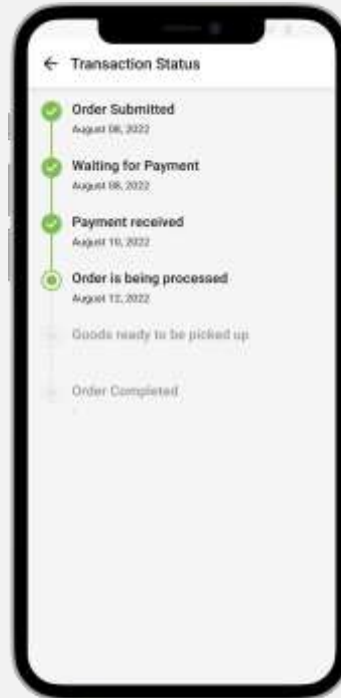
## Mobile Agri-Input Apps Features



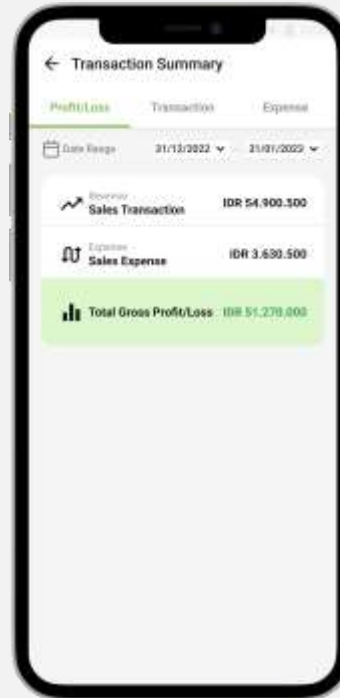
Digital Transaction



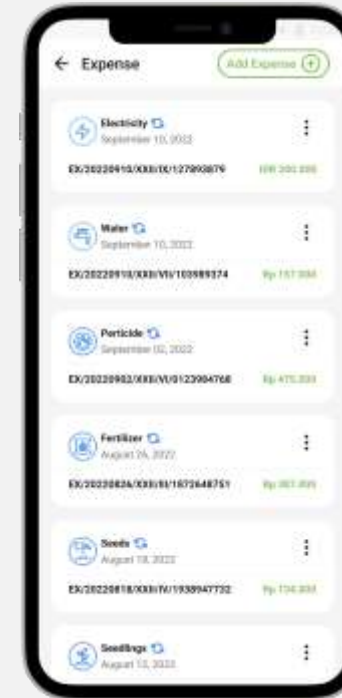
Product Traceability



Live Tracking Transaction



Financial Transaction



Expense Management

### KEY FEATURES:

- Stock management
- Cashless input transaction
- Traceability transaction
- Manage business expenses
- Online agri input marketplace
- Digital finance
- Agri input transaction
- Supplier relationship management
- Distribution mapping
- Expenses Management

# KoltiTrace IoT, Smart Farming Technology Solutions



Capture data from Weighing Scale Devices. Easy data integration with smartphones and PC

**IoT Digital Scale**



Accurate information, rapid responses, long battery, easy data integration



The latest handheld sensor provides Soil Conditions and Advice for smallholder producers.

**Portable Soil Analysis**



Easy-to-Use, real-time monitoring, accurate measurement, Bluetooth low energy connectivity.



Solar powered Automatic Weather Station for atmospheric temperature, relative humidity, wind directions and speed, and rainfall parameters.

**Weather Station & Soil Analysis**



High accuracy, self charging through solar panels, web dashboard, real-time monitoring.

Koltiva provides innovative farming solutions with Internet of Things (IoT) based smart agriculture, KOLTITRACE IoT.

Assists business users and producers in successfully implementing industry 4.0-enabled technologies to the highest standards.

Talk to us to find the right solution for your IoT requirements from Seed to Table, connected to our KOLTITRACE MIS ecosystem.