Koltiva Software Platform Solution and Traceability to Smallholder Plantations

Jakarta, 29 July 2019
**OUR MISSION**
Fair and Sustainable Supply Chains through Technological Innovation

**WE ARE KOLTIVA**
Koltiva is an integrated agriculture technology and service company, based in Jakarta – Indonesia, delivering tailor-made sustainability project management and product traceability software applications. Koltiva leverages technology to solve social issues relating to equality development and opportunities.

**WHERE WE ARE**

![Map with locations marked](image)

- **20** COUNTRIES
- **08** PLATFORM SOLUTIONS
- **36** CLIENT & PARTNERS

**OUR TEAM**
MORE THAN 275 CREATIVE RESOURCES

- Field Agents
- Management
- Developers
- Data Quality

**OUR MILESTONES**

- **2013**
  - July 2013: Founding of PT Koltiva in Indonesia
  - January 2017: Expanding to Field and Farm Evaluations

- **2019**
  - August 2018: Founding of PTPMA Koltiva in Indonesia
  - 2019: Start of Global Client Expansion

*Never Ending Innovation*
Experience, Dedication and Proof of Concept

Why Koltiva is your Best Choice to work with for Digital Innovations

→ **Expertise**
It takes time to build something meaningful and sustainable. CocoaTrace V1 was developed in 2013. After six years of fulltime development we have eight leading Web-Platforms and five interconnected Mobile Applications covering the needs from Farm Inputs to Manufacturing for Small, Medium, and Large Enterprises

→ **A Passionate Team**
A passionate team of Software Engineers, Backend Developers, Web and Mobile Developers, Quality & Assurance Specialists and dedicated Customer Support and Data Management Teams

→ **Supply Chain Solutions**
Our SupplyChainTrace Ecosystems are the most holistic Software Application Platforms on the market, covering all requirements of your Business for sustainable Supply Chain development

→ **Safe and Secure**
Koltiva is ISO/IEC 27001:2013 certified for safe and secure Information Technology. We have secured large contracts from multinational enterprise clients and passed their independent IT Security Assessments

→ **Quality and Integrity**
Applications developed in Jakarta with users in rural and remote locations: Integrated Software Development in Supply Chain Projects with more than 200 experienced Koltiva Agronomists testing, using, and providing inputs for continuous improvement and user satisfaction

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Developing B2B Applications and Services in Indonesia to Accelerate the World’s Transition to Sustainable Supply Chains
Koltiva Cloud-Based Platform Solutions
Providing Business to Business Mobile and Web Applications

- CRM and ERP Solutions
- Supply Chain Solutions
- Farmer and Market Solutions
Our Integrated Agriculture Supply Chain Services
Products and Services - Tailor-Made for your Business and Projects Requirements

01 Software as a Service
02 Agri-Inputs and Finance Market Place
03 Household Surveys and Farm Evaluations
04 Farmer Training and Coaching
05 Responsible Sourcing Standards Management
06 Traceability Monitoring and User Support
Supply- and Value Chain Services for Palm Oil Sector in Malaysia
PalmoiTrace is a web and mobile application that focuses on palm traceability and sustainability program management. With PalmoiTrace, palm and palm oil companies are able to verify supply chain sustainability and fair working practices from independent palm smallholders farms, through the trade, to its processing facilities.
The Koltiva PalmoilTrace
Supply Chain Ecosystem
Cloud-based web and mobile software applications for project and supply chain management

FarmXtension
Field Agents collect data from farmers and businesses along the supply chain and provide capacity development services

FarmCloud
Farmers can access their farm and sales data, authenticate transactions, access service providers, and request farm support from Field Agents

FarmProcess
Internal Process management from Factory Gate to Dispatch of finished or semi finished goods

FarmGate
Collectors and traders record transactions for traceable and certified commodities.

FarmRetail
Agri-input shops manage their online marketplace, stock, and business administration.

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FarmCloud is a mobile application used by farmers with smartphones to access their data profile stored in the web platforms as well as supporting service to promote better production.

Farmers receive a push notification to get price information and verify traceable transactions.

Through integrated chat function Farmers can contact Traders and Wild Asia field agents near them.

Wild Asia can upload training materials and videos, news and other content to support the Farmers.

Our aim is to expand the FarmCloud services to include access to financial services, monitor cash-flow and other.
FarmCloud

4.4 Ha

Farm 1
Farm 2
Farm 3

Collectors

Transaction

Total Net Sale
10,150 kg

Total Revenue
2,967.86 M

Number of Transactions
11

Average Quality (Mean)
28,814

Transaction Details

Transaction
17 December 2018 (08:04 AM)

Gross
720 kg

Price/kg
420.00 MM

Number
207.5 kg

Average Quality (Peach)
2.8

Transaction
17 December 2018 (02:43 PM)

Gross
1,058 kg

Price/kg
500.00 MM

Net Weight
1,000 kg

Number
290 kg

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FarmGate is a Traceability tool used by Traders to record sales from registered Farmers and create batches to send to the next supply chain aggregator.

Collectors, Traders, Buying Stations, Warehouses and Mills use FarmGate to record goods received and verify origin of their product.

Through integrated chat function Traders can communicate with Farmers registered in their supply chain to provide price information, schedule collection of FFBs an other.
**FarmXtension** is a mobile application used to survey farmers for social, environmental and farm information. Wild Asia field staff use the FarmXtension to register Farmers and their farms to the program, to determine production quotas and compliance with certification standards. Polygons are taken to more accurately capture farm size and farm proximity to restricted areas. Data can be collected offline and synced later when internet access is available. Once synced, collected data appear in the web application.
Integrated and Secure Chat Function
Improving connectivity and loyalty in transparent delivery chains and traceable supply chains. Closed communication loop between Farmers, Traders and Field Extension Staff. Even though not included in the pilot, connectivity within the supply chain can later be enhanced by including Agri-Input Suppliers through the FarmRetail application.
Online Dashboard and Reporting
Online and Interactive Mapping

Government approved Land Use Maps including Restricted and Agriculture approved areas

Animal Conservation Areas

Administrative Boundaries

Distance maps for Mills and Agents

Polygon Farm Boundaries

Trader, Nurseries, Agri-Inputs Kiosks, Banks, and Warehouse Locations

Farmer Categorization per Project, Certification Standards, Farm Yields, Farm Age, and other customized filters
Know Your Farmer (KYC) – the Basics for Finance and Sustainable Agriculture
End-to-End-Traceability with Farm Polygon Mapping
Thriving and Inclusive Supply Chains from Farm to Factory
Mapping Point-to-Point in End-to-End-Traceability
All Business and Plantation Information one Click away
Access Control Level (ACL)

Access control is a security technique that regulates who or what can view or use resources in a computing environment. It is a fundamental concept in security that minimizes risk to the business or organization.

SupplyChainTrace software accommodates Access Control management based on business/organization rules so that data can be accessible only by authorized personnel.

Access Control Management

- **User Types**
  - Field Agents
  - Supplier/Warehouse Staff
  - Procurement and Finance
  - Management

- **User/Group Levels**
  - Admin
  - Directors
  - Managers
  - Staff

- **User Permission Levels**
  - Add
  - Edit
  - Delete
  - View
CONTACT US!
Our Customer Support Service is ready to help. Contact our Team through In-App Messaging or Email.

SUPPORT CHANNELS

1. IN APP MESSAGING
2. SUPPORT@KOLTIVA.COM

Customer Support
You’ve reached first page
THURSDAY, DECEMBER 27, 2018
Hello
Zuraida Saffi
Zuraida Saffi joined this conversation
THURSDAY, DECEMBER 27, 2018
Hello,
12:12
Type a message

HELPDESK

OUR COMMUNITY

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