

Leveraging the **Smart Kungahara System** to Strengthen Rwanda's Coffee Value Chain and Support EUDR Compliance

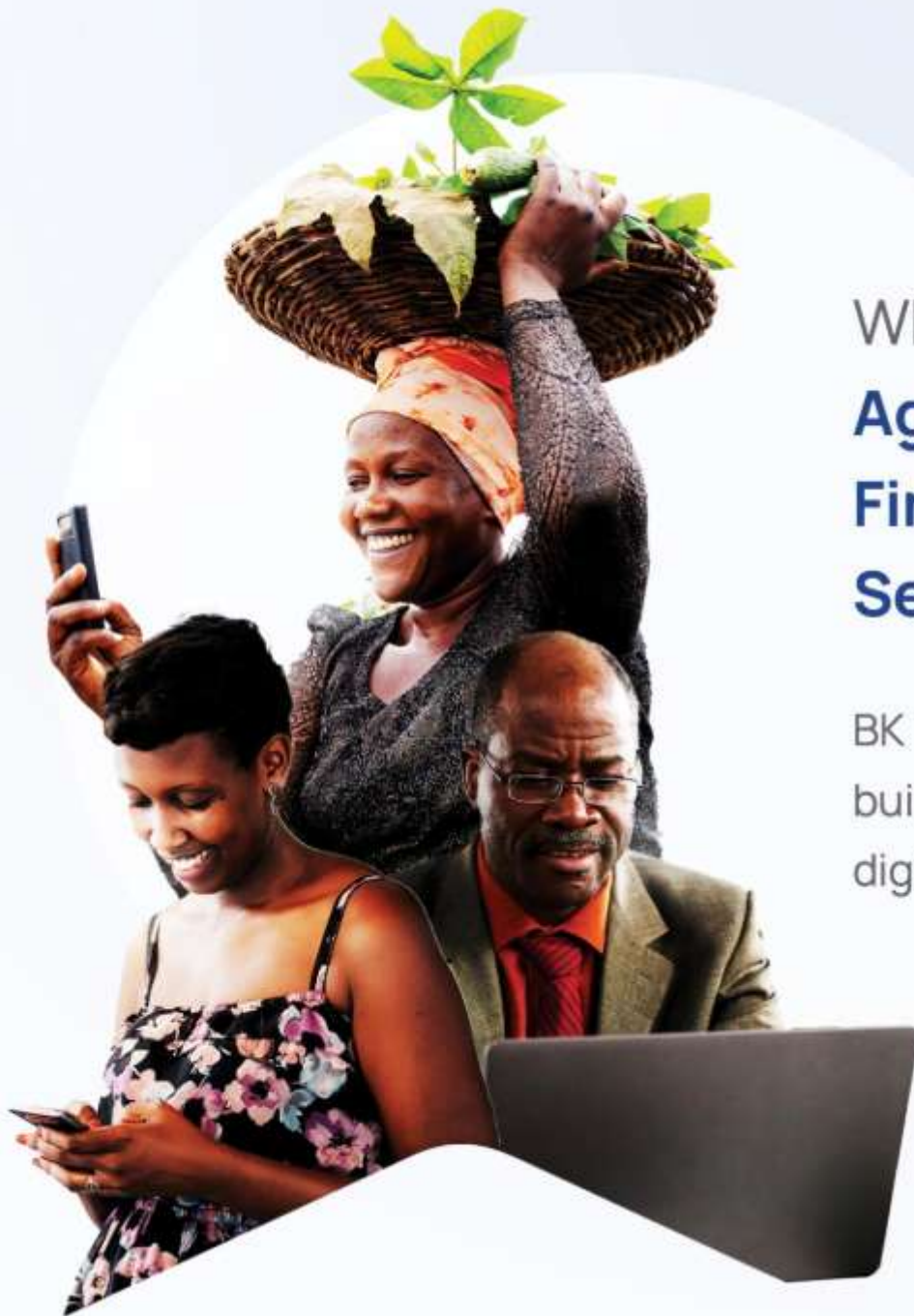
June 2026 · BK Techouse in Partnership with FAO



Rwanda's Coffee Sector at a Turning Point

As global markets demand greater transparency and sustainability, Rwanda's coffee sector has a unique opportunity to lead through digital innovation, rigorous traceability, and data-driven decision-making.





Whether you're in
**Agriculture, Education,
Finance, Retail, or Public
Service**

BK TechHouse is your trusted partner for
building smart, scalable, and secure
digital solutions that drive real impact.

What We Do?



Software as a Service

We design & develop value chain solutions accessible via secure digital channels

Software On Demand

We build custom software solution, on project basis, for external clients

Data as a Service

We provide data analytics, insight-driven solutions & risk mitigation models

FinTech

We drive financial inclusion through digital loans, savings, insurance, and more...

Payment as a Service

With our Payment Gateway, we provide consumers & merchants with cashless option to pay or collect money via Mobile Wallets and Bank Channels

Internet of Things (IOT) Services

Offers IoT as a Service to enable smart, data-driven operations through connected devices and real-time monitoring.

Previous Achievements

6

Digital
Platforms



3.8M+

Digital
Users



5

DFS
Products



15+

Partners



3K

IoT corporate
users and clients



Smart Kungahara System (SKS)

Digitalizing Rwanda's Coffee Value Chain

The Smart Kungahara System (SKS) is a digital platform providing end-to-end visibility across Rwanda's coffee value chain— from the farmer to the exporter.

Key Objectives

- Improve traceability & transparency
- Support evidence-based decision-making
- Strengthen sustainability practices
- Enable compliance with international market requirements

Value Chain Coverage

Farmer → Coffee Washing Station → Dry Mill → Exporter



About

Smart Kungahara System (SKS) is a Public-Private Partnership between BK Techouse and NAEB designed to digitalize cash-crop value chains (coffee, tea, horticulture). It centralizes stakeholder data, monitors agro-input distribution, tracks production, supports operations of treatment centers, and enhances transparency and efficiency. SKS also enables data-driven decision-making, cashless payments, and improved access to insurance and financial services for smallholder farmers.

Partners



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SKS Coffee

www.smartkungahara.rw

Key Features

Value Chain Stakeholders' Registration
(Farmers, District Cash Crops)

Agro-input Distribution

Cash Crop Production Recording

Export Operations Management

Business Intelligence Reports

Extensions Services

Financial inclusion

Traceability & Deforestation compliance

Main Users

Cash Crop Farmers

Cash Crop Value Chain

Collection Center Users

NAEB Users

MINAGRI Users

MINALOC Users

Target Market

Financial services

Insurance services

Off-taking services

Agro-input services

Traceability services

Facts & Figures



350K+
Coffee Farmers



300+
Coffee Washing Stations



27+
District Cash Crops



50M+ Tones
Cherries Collected



7.3K+
Agro-inputs Quantities
distributed/year



Building Traceability Across the Coffee Value Chain

SKS captures and manages data at every stage of the coffee journey, ensuring every lot can be traced back to its source.

Every coffee lot is fully traceable to its origin, creating transparency and trust for all stakeholders— farmers, processors, exporters, and international buyers.



Supporting EUDR Compliance

Preparing Rwanda's Coffee Sector for Global Markets

The **European Union Deforestation Regulation (EUDR)** requires coffee exporters to demonstrate that products are traceable and not linked to deforestation.

- ✔ **Outcome:** A stronger foundation for market access and buyer confidence in European and global markets.



Farm Geolocation

Precise GPS capture of every coffee plot

Polygon Mapping

Accurate boundary mapping of farm areas

Digital Due Diligence

Verifiable records from farm to export

Why the Collaboration with FAO?

Moving Beyond Traceability

While SKS provided strong traceability capabilities, there was an opportunity to generate deeper insights into the economics of the coffee sector. Through the **MAFAP initiative** BK Techouse and FAO collaborated to strengthen data collection and analytics within SKS.



Farmers

Better visibility of costs and improved planning



Processors & Exporters

Enhanced operational data and compliance tools



Policymakers

Reliable data for evidence-based policy



Researchers & Partners

Robust sector performance measurement

Impact of the Collaboration

Creating Value Through Data

The enhanced SKS now delivers measurable value across the entire coffee ecosystem.



Farmers & Businesses

Greater visibility of operational costs, improved planning, and stronger decision-making at the farm and business level.



Policymakers

Reliable, structured data enabling evidence-based policy development for the national coffee sector.



Development Partners

Better measurement of interventions and sector performance, supporting more effective investment decisions.

The Coffee Sector

Greater transparency, stronger analytics, and improved competitiveness in international markets.

Get in Touch

Ready to explore how the Smart Kungahara System can support your organization? Connect with the BK Techouse team.

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More about our
products

