



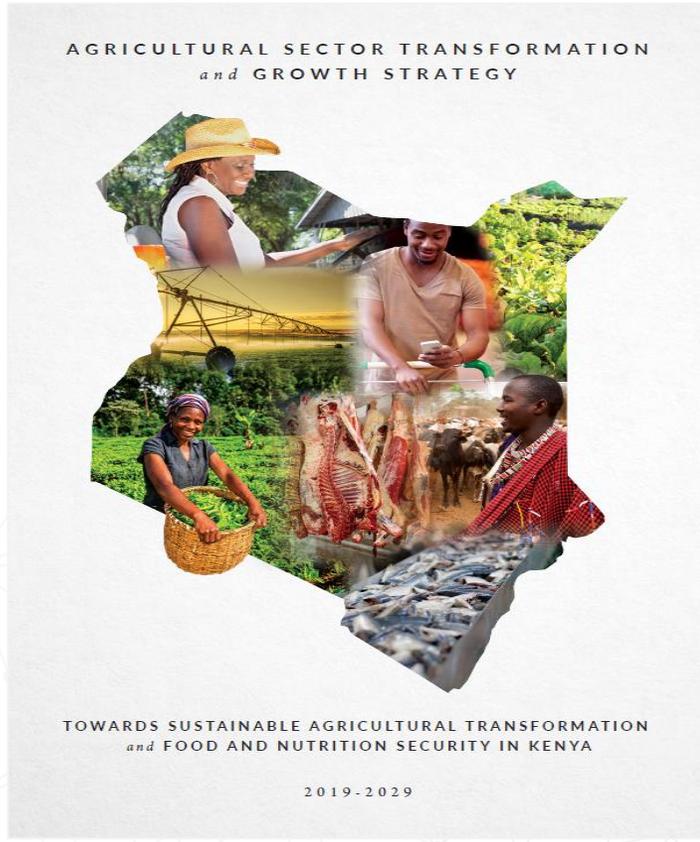
Digitization and Coordination of Kenya's Agriculture Sector Data

Policy & Implementation for Digital &
Data Transformation

July 1st, 2021



The Digitization and Coordination of Kenya's Agriculture Sector Data is anchored on the 10-year ASTGS, which aims to support 100% food security



ASTGS anchors and targets for first 5 years

Increase small-scale farmer incomes¹ of ~3.3mn households and impact ~15 mn² Kenyans

Increase food available year-round by unlocking > 500,000 acres of agricultural production and agro-processing across priority value chains (~KES 400Bn GDP boost across economy)

Boost household food resilience especially for the most vulnerable (~ 4mn during emergencies, 1.3mn chronically):

- **reduce by 100%** the number of **food insecure Kenyans**
- **reduce the cost of nutritious food**

A vibrant, commercial and modern agricultural sector that supports **100% food security in the context of devolution** by ensuring access and availability of nutritious food, at affordable prices for entire population

The ASTGS identified 9 flagships to drive these outcomes. Detail follows

¹ Over the past ~10 years, incomes have grown 35%, below the pace required to meet SDG goal of doubling incomes between 2016-2030. If incomes are 145k today (~KES 400/day), without transformation in 5 years should grow to 170k (~KES 465/day) based on historical trends. Transformation is estimated to contribute an incremental ~30% to 230k (~KES 625/day) | ² Assumes ~4.5 people per household

Case Study 1: COVID-19 FSWR engaged & coordinated ~50 stakeholders; KUADP brings this same model for coordination to Data & Digital Innovation

Development partners and NGOs



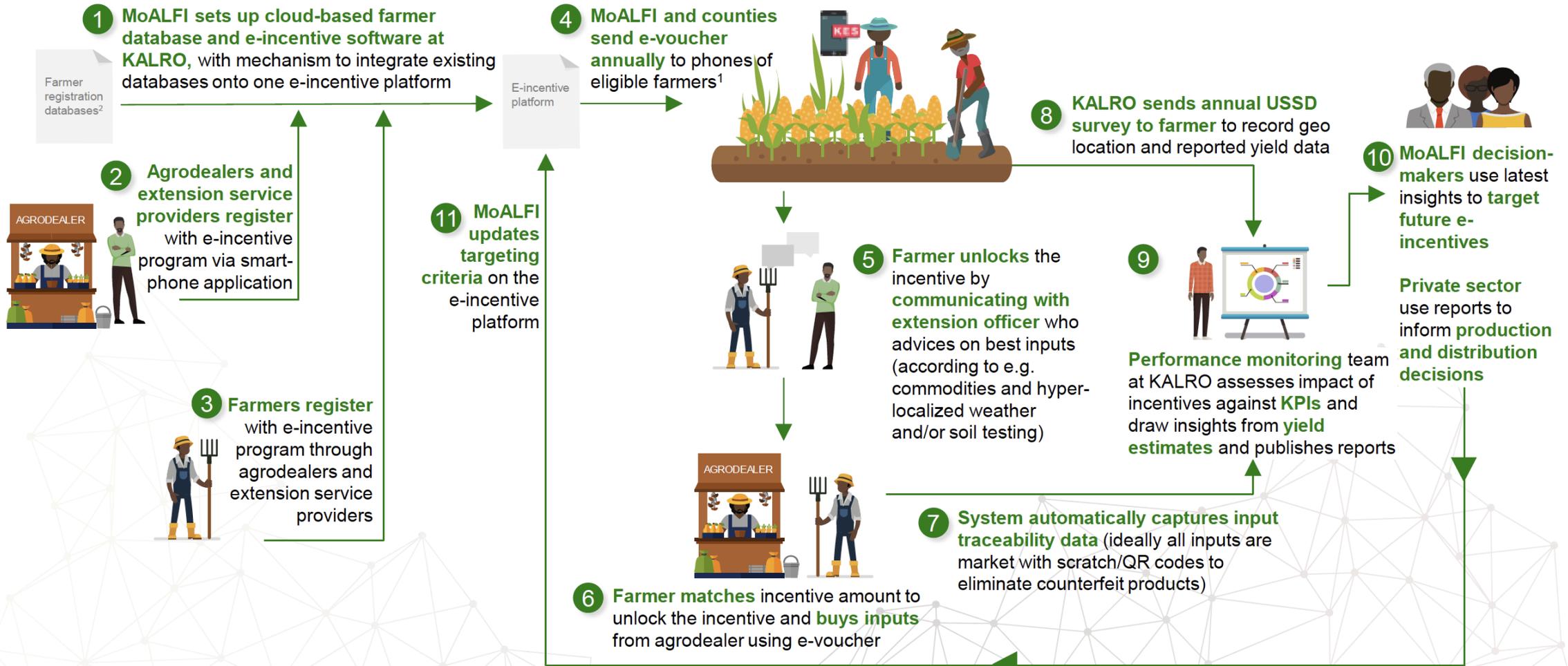
Private sector players



Government agencies and Associations



Case Study 2: E-Voucher Programme

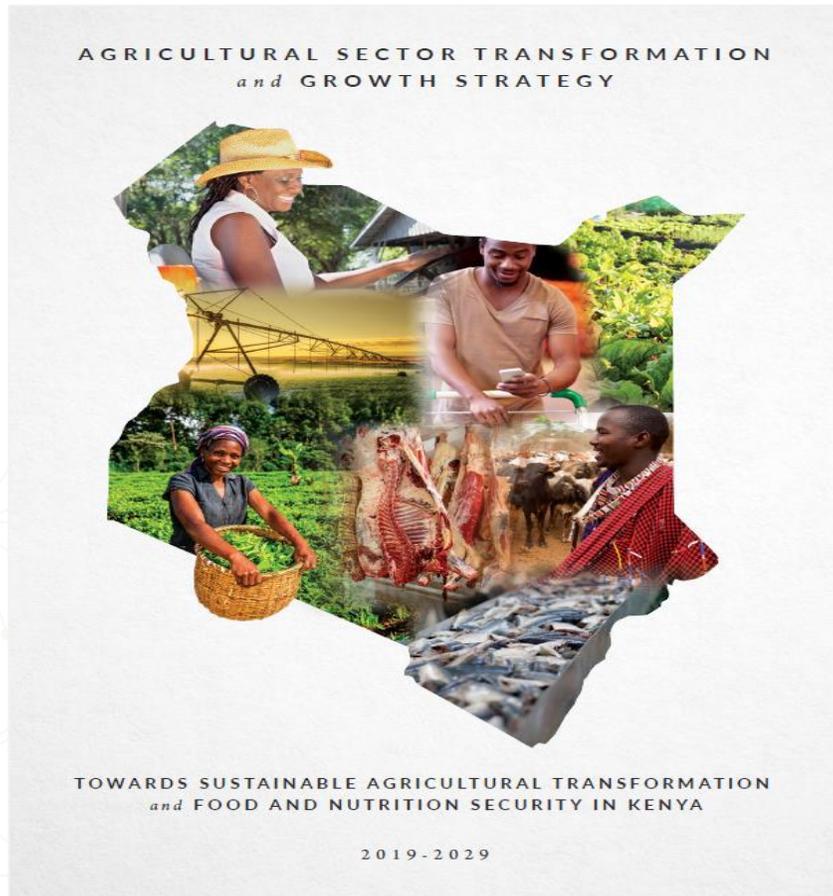


1 Eligibility criteria may include e.g. farmers with <0.5Ha land, <KES 150,000 income per year
 2 E.g. KCEP CRAL and E-input subsidy (DigiFarm) programs
 3 See proposed partnership framework

Building Resilience in Ag data & Digital Interventions:– What we have learned and what needs to be done



Challenges & Solutions



Skills



Current level of skills are limited; both retooling & increased collaboration with the private sector required

Support the development of national data systems, statistical capacity, and digital skills that enable countries to meet and monitor their priorities

Enabling Environment



Steering Committees are temporary, there needs to be a more comprehensive enabling environment with our ICT counterparts & Private Partners

National data strategies for collaboration on agri-food system data, including guidelines for data sharing and use, legal mandates, and the roles and responsibilities of different actors in the data value chain

Collaboration/ Partnerships



Longer term Partnerships and Collaborative interventions are required to support continued digitization & data automation within the sector

an inclusive and multi-stakeholder approach that strengthens data governance and sharing, and establish mechanisms for feedback on data quality and dissemination mechanisms that ensure that information produced on agri-food systems meets users' needs

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Challenges & Solutions

Innovation



Deploy more flexible engagements to allow for through-flow of innovations & innovators to and within Government

Sustainability

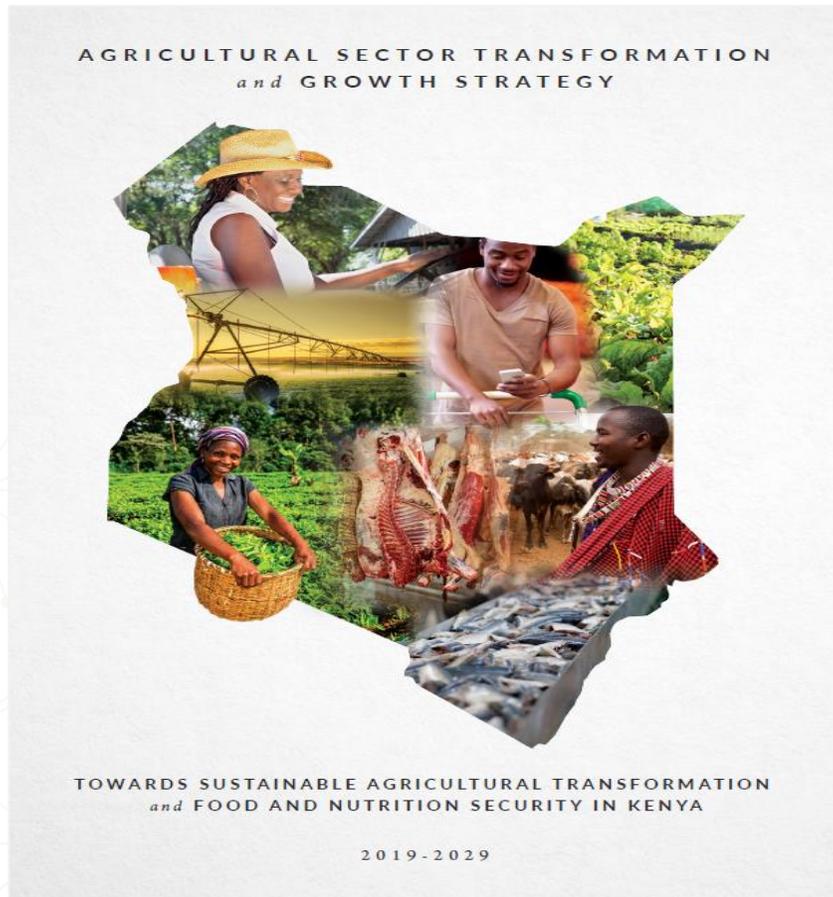


Resource availability and realigning of budgets towards creating a robust digitally enabled work conducive for a Data Driven policy environment

Alignment of data collection and capacity strengthening activities by development partners with countries' priorities

Explore options for improving donor harmonization on results-monitoring frameworks to avoid duplication and facilitate coordination

Awareness among senior decision-makers within their organizations at the national and global levels on the value of data and the benefits of investing in robust national data and statistics systems





Thank You!