

LEVERAGING WORLD BANK INVESTMENT PROJECTS FOR SCALING UP DIGITAL TECHNOLOGIES - KENYA



WORLD BANK GROUP

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Leveraging World Bank Investment Projects for scaling up Digital Technologies

- **Investment Projects**
- **Analog and Digital Investments made through the Bank Projects**
- **Leveraging Public – Private Partnership Platforms**

Current Investment Projects – Kenya Ag Portfolio

- **National Agricultural and Rural Inclusive Growth Project (NARIGP)** : Covers 21 counties and 360,000 smallholders' farmers organized along selected priority value chains (VCs). Organizing Farmers into Common Interest Groups, federating into Producer Organizations (POs) and investments along the value chain. Disbursement is 61.49 % currently
- **Kenya Climate Smart Agriculture Project (KCSAP)** : 250 million USD, covers 24 counties including 17 ASAL counties. 521,500 smallholders will increase their productivity, resilience and farm incomes through investments along the value chain on soil & water management. Disbursement is 61.39 % currently
- **Emergency Locust Response Program, Kenya (ELRP)** : Regional project of 160 million USD, Kenya Portion is 43 Million USD, approved in May 2020 and provides support to surveillance & control, livelihood restoration and early warning & preparedness. Project has disbursed 12.2 Million USD (28.4%)
- **Regional Pastoral and Livelihoods Resilience Project (RPLRP)**: Regional project, Kenya portion is 78 million USD ending in Dec 2021. Focus is on improving natural resource management and disease control in the livestock sector benefiting 42,000 households in 14 Arid and Semi-Arid Counties in Kenya

Analog and Digital Investments made through the Bank Projects

- **1.1 Million Farmers** mobilized into approx. **50,000 Farmer Groups (15 to 25 farmers)** and **nearly 1000 Farmer Producer Organizations** across 19 value chains in 45 rural counties .
- All 1.1 Million Farmers on a digital database including geo tagging of the farms.
- **10,000 resource farmers/ Lead Farmers as last mile touch points**
- **650 climate smart technologies are completely digitized** – can be accessed by county extension staff, lead farmers or anyone via online website, app or IVRS .
- All of the 1.1 Million farmers to **receive integrated Agro Weather and Market information** via online website, app or IVRS
- Analog investments across the value chain – inputs , extension, equipment including processing equipment being undertaken
- Aspiration to ensure that all of these 1.1 Million farmers are receiving last mile service delivery – inputs, financial services , extension inputs and market **linkages through partnerships with Agri Tech Start ups as part of Digital One Million Farmer Platform**

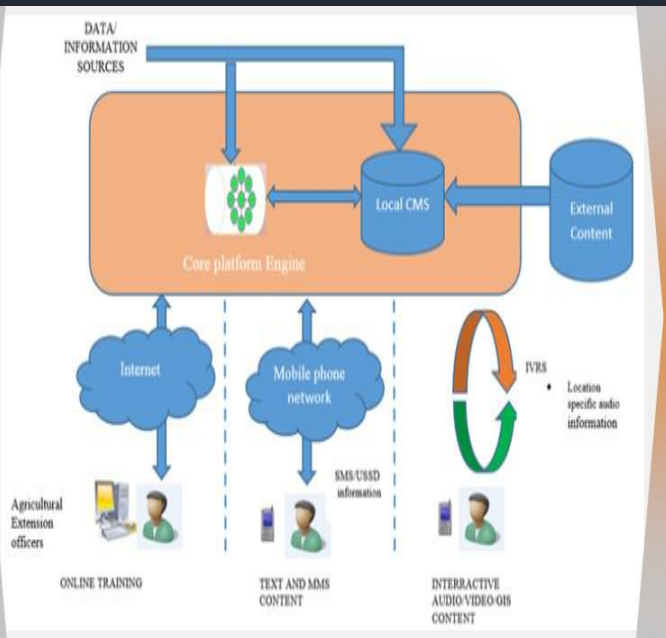
Leveraging Public –Private Partnerships



Disruptive Agricultural Technology

One Million Farmer Platform

BIG DATA PLATFORM



Public Sector Role

- With support from World Bank's investment project, Kenya Agriculture and Research Organisation has developed the **Big Data Platform & the Kenya and Agricultural Observatory Platform (KAOP)**.
- KALRO has created **a database of nearly 1 million farmers** with support of the World Bank Projects.
- Through the Big Data Platform, KALRO is providing **integrated agro weather and market information to farmers and** agricultural institutions
- KALRO has **also digitised 650 climate smart agriculture practices across 19 value chains** which are available to farmers via an App, IVRS or through a website
- Lastly, there is a **Community Extension Worker for every 200 farmers** for all the 1 million farmers on the platform as a touch point to disseminate the climate smart agriculture practices
- Working with a partners (KUZA) **to convert these touch points to be both analog and digital**

Private Sector Role

- The Agriculture Technology Start ups/firms can leverage the above public good investments & **offer transactional services related to input delivery, credit, insurance and market linkages** to enhance climate resilience productivity & profitability of farmers

KAOP

Kenya Agricultural Observatory Platform

Key Results



- **Successfully Leveraging Resources from the public sector**
 - The pre-selected 16 counties have committed \$ 876,000 to support digital innovations at county level
 - Both NARIGP and KCSAP are being restructured and additional dedicated resources to the tune of 5 Million USD will be allocated for the Digitization agenda
 - An additional financing operation of worth USD 150 Million is under preparation and digitization is a key part of the components being invested upon



- **Building of a strong ecosystem for Digital Agenda in Kenya through Strong Collaborations**
 - **Technology partners like Microsoft** has been solid continuous support to the cohort members
 - **Mercy Corps** supporting the cohort to seek new funding opportunities
- **Progress and Results on the Ground**
 - Despite COVID-19, reached **nearly 120,000 farmers using digital solutions**
 - The number of Ag tech partners has grown **from 14 in December 2019 to 24 currently**
 - The number of counties where the **partnership is being rolled out is being scaled up from 16 to 26 counties**

THANK YOU



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