

# One Million Farmer Platform: Kenya Framework, functions and progress



**Parmesh Shah, Global Lead, Data-driven Digital Agriculture,  
Agriculture and Food Global Practice**

The World Bank

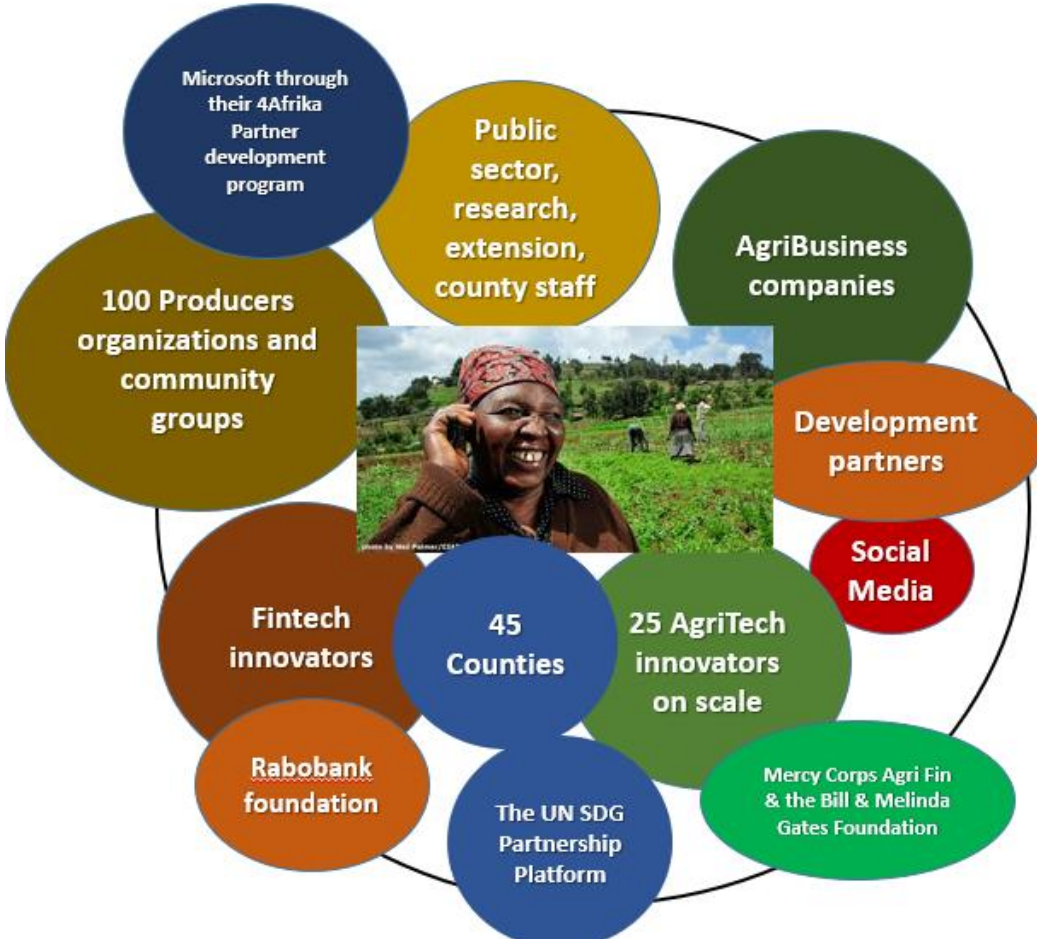
Email: [pshah@worldbank.org](mailto:pshah@worldbank.org)

Twitter: @ShahParmesh

# One Million Farmer Platform: Kenya

Data-driven digitally enabled platform, serving one million farmers

## Key Stakeholders of the Platform



## Functions and Services of the Platform



Data access, analytics, and utilization



Scouting, incubation, acceleration of the innovation ecosystem



Establishing public-private partnership at all levels; central and counties



Resource mobilization from public and private sources



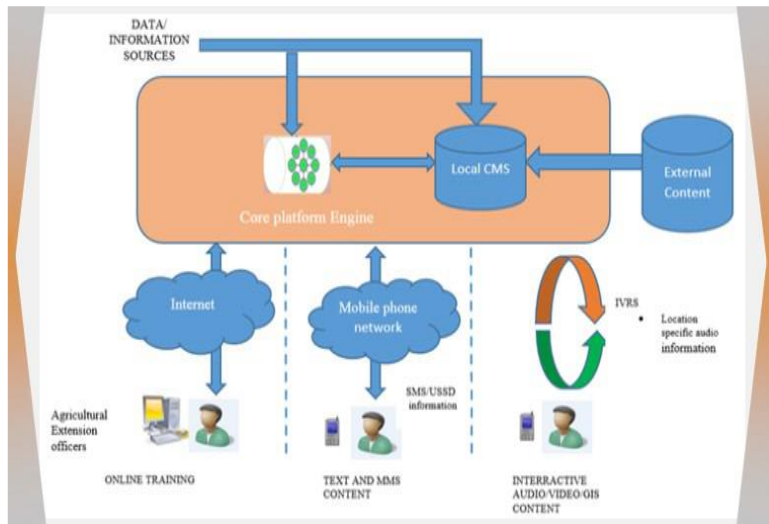
Facilitate Knowledge and Learning between the platform players



# Disruptive Agricultural Technology

One Million Farmer Platform

## BIG DATA PLATFORM



# KAOP

Kenya Agricultural Observatory Platform

## Framework for Public Private Partnership – One Million Farmer 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. This database contains all the details of the farmer and farm including geo tagging
- 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
- Investment in **Kenya Climate-Smart Agriculture Project ( KCSAP)** and **Kenya - National Agricultural and Rural Inclusive Growth Project (NARIG)**
- Supporting **Farmer Producer Organizations, Farmer Field School, community level and value chain infrastructure**
- Setting up **Agriculture Transformation Office** for data-driven decision making by the government.

### Private Sector Role

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

# Key achievements



- **Successfully Leveraging Resources from the public sector**
  - The pre-selected 16 counties **have committed** to support digital innovations at county level
  - Both NARIGP and KCSAP have been **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**
  - Improved collaboration with the ecosystem including **venture firms like CoLabs and Rabobank**, seeking to fund the innovators,
  - **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**