

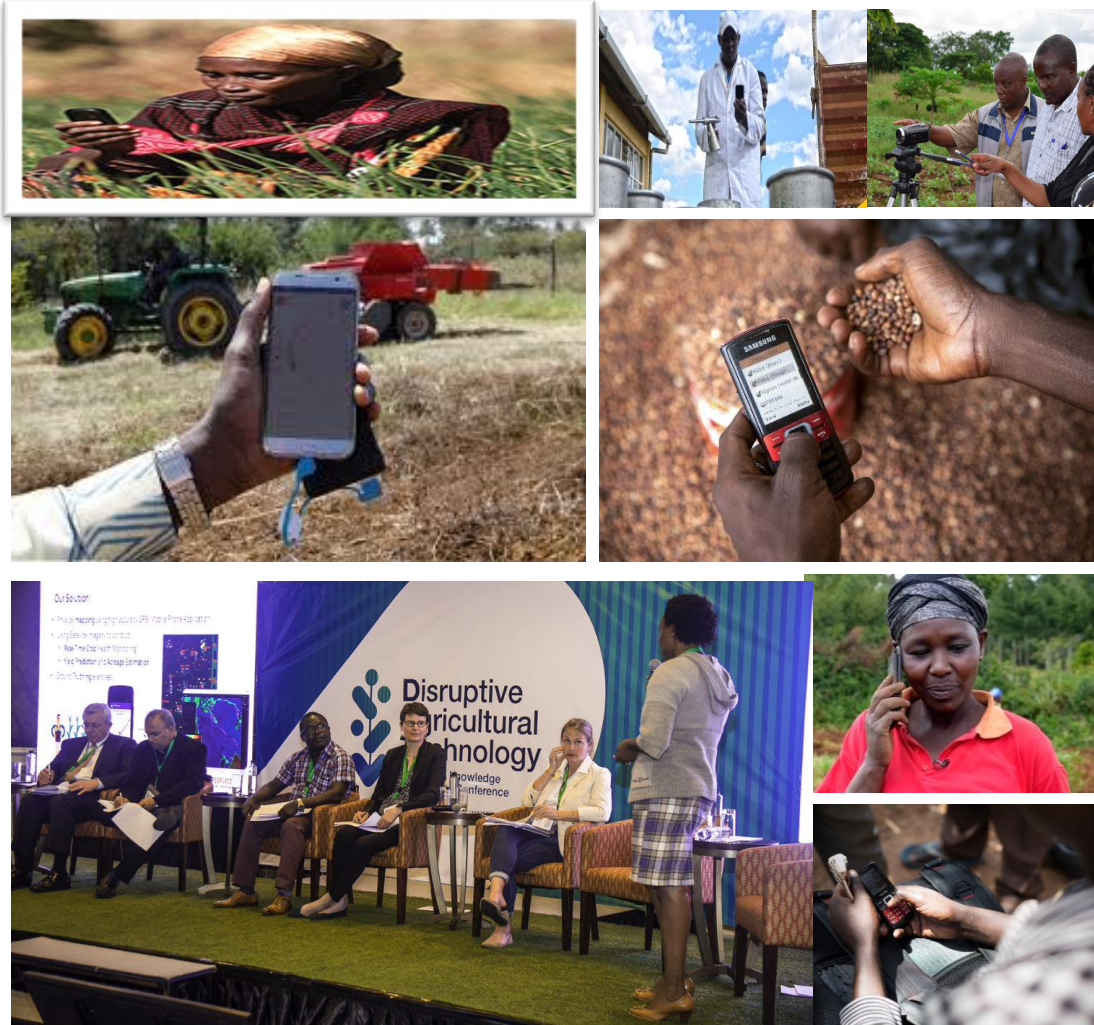
KWPF 10th Anniversary Conference

Toward a
New Decade
of Inspiration

**Parmesh Shah,
Global Lead,
Data, Digital Agriculture, and Innovation,
Agriculture and Food Global Practice, The World
Bank**



Transforming Agriculture and Food Systems with support from Korea- World Bank Partnership Facility



Story of Valentine Barasa

- **Banana farmer in Nyakinyua village in Sirende ward in Trans-Nzoia County in Kenya**
- Member of **Siwahoma Banana Producer Organization**
- Since she joined One Million Farmer Platform, her annual sale volume increased 150%, from 7.2 to 18 metric tons and annual turnover increased 300 %, from 720 to 2945 USD



M-shamba: Providing market access and digital extension services to farmers

Data-driven Digital Agriculture Solutions



Interactive Voice Service



Virtual Call Centre



Interactive SMS



Customized Mobile Applications



Current scale



68,546
smallholder farmer



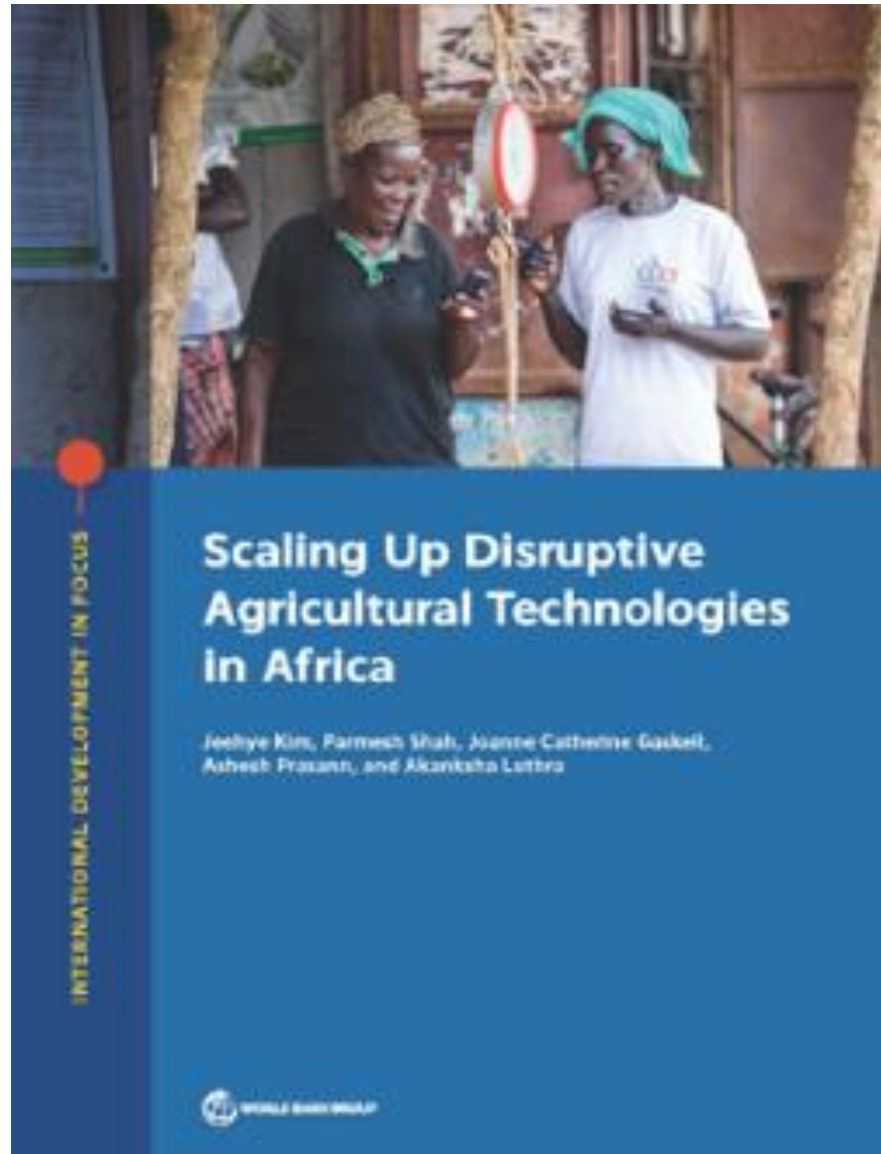
400,040
Acres of land covered



90
Farmer cooperatives



Scaling Up Disruptive Agricultural Technologies in Africa



Data and Innovation Ecosystem in Kenya



SUSTAINABLE DEVELOPMENT GOALS
PARTNERSHIPS PLATFORM



KWPF
KOREA-WORLD BANK
PARTNERSHIP FACILITY



Republic of Kenya
Ministry of Agriculture, Livestock and Fisheries

Kenya Agriculture Transformation Office
(ATO)
Kenya Chief Technology Officer



4Afrika: Digital Internship program



Rabobank

Leveraging IDA Investment: 650 million USD

1. National Agricultural and Rural Inclusive Growth Project (NARIGP): 200 million USD
2. Kenya Climate Smart Agriculture Project (KCSAP): 250 USD
3. National Agriculture Value Chain Development Project: 200 Million USD



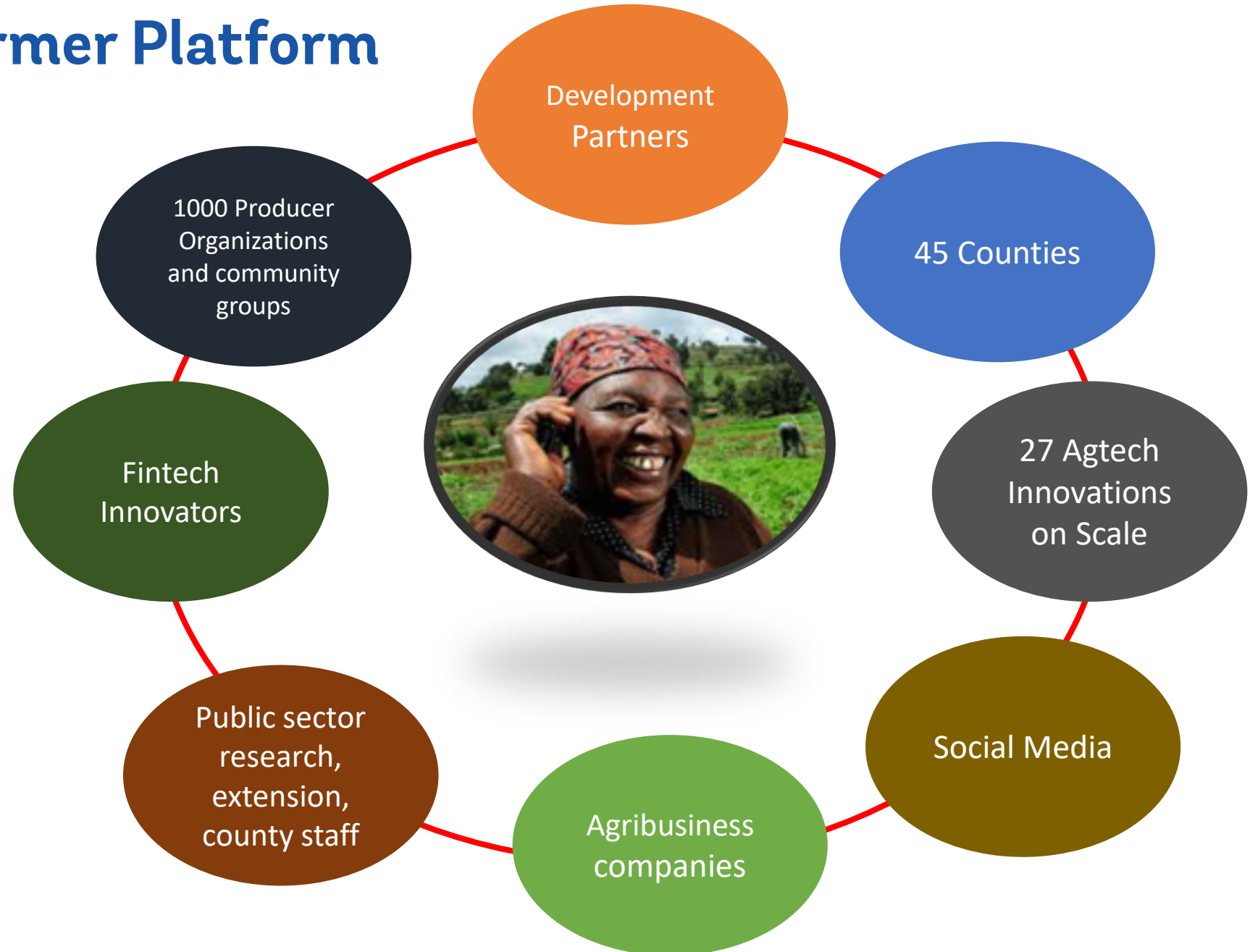
Disruptive Agricultural Technology Challenge and Conference

April 2019



For more details, please visit [here](#).

One Million Farmer Platform



One Million Farmer Platform

27 AgTech start-ups and innovators providing Data-driven Digital Agriculture solutions and services



DigiCow:
Uber of Veterinary Services



Hello Tractor: Uberizing farm mechanization



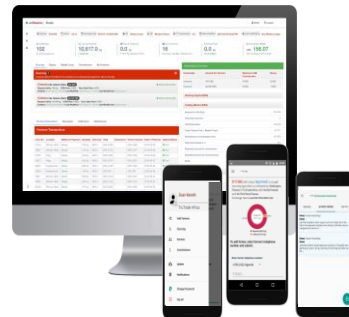
Digital Green: video-based extension service



AgroCares: IoT soil scanner



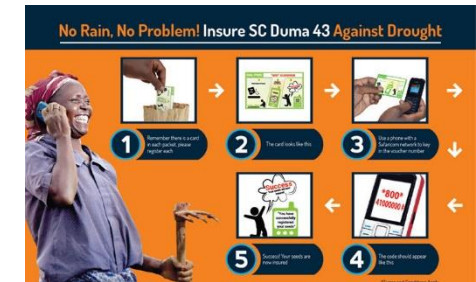
SunCulture:
Solar powered irrigation



TruTrade Africa:
Increasing Market access and price



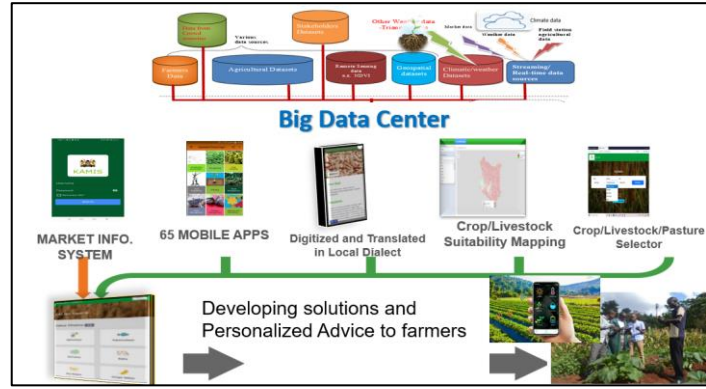
Digitally enabled supply chain finance: AgriWallet



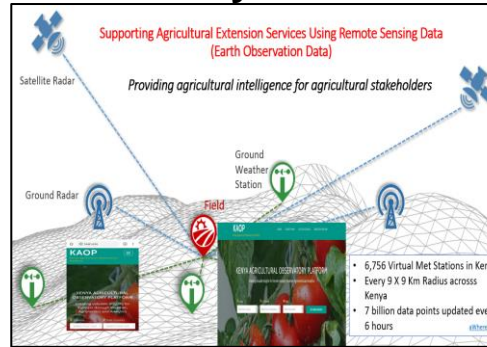
Weather-index based Crop and Livestock insurance: ACRE Africa

Key Data and Digital interventions in Kenya

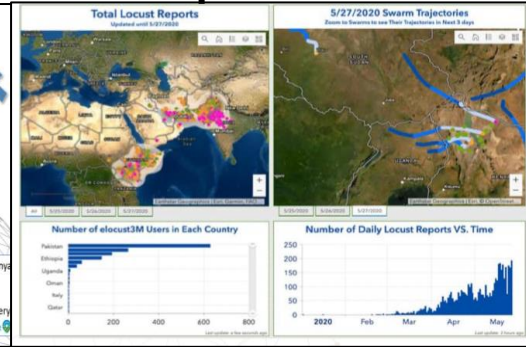
Kenya Big Data Center



Micro Weather Observatory



Desert Locusts warning and response



Farmers Digital Registry and Farm Geotagging

The screenshot shows a digital registry profile for a farmer. The profile includes fields for Name, ID number, Phone number, Gender, and Age. A map shows the location of the farm in Kenya. A text box states: '1.1. million Farmers Digital Registry' and 'A digital database including geo tagging of the farms'.

Digital Food Balance Sheet One Million Farmers Platform Digital e-voucher system Digitizing Producer Organizations



This block contains an illustration of a farmer at an 'AGRODEALER' and a photograph of two men looking at a mobile device. Below the illustration, the text reads '50 Million USD'.

Scaling Up: Moving from Country to Regional Platform

Africa-Korea Agtech Innovation Challenge and Summit, February 2023



For more details, please visit [here](#).