

AFRICAN DEVELOPMENT BANK Digital Agriculture Flagship

"Promoting Data-driven and Tech-enabled Agriculture in Africa"

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Africa's agriculture in context



The rise of digitalization in Africa



The opportunity to digitalize African food systems

Climate change

threatens 56% of crop

production in Africa.

Agriculture in Africa

African smallholder farmers who produce 80% of Africa's food supply

Increasing prevalence

flooding, cyclones, FAW,

of extreme weather

events – droughts,

locust invasion

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Technology is rapidly changing the way food is produced, transformed, and

distributed.

- Tech evolution in Food & Agri
 - 40 70% increase in agri yield and income when digital solutions are used.
- **Opportunity to leapfrog transformation** of African agriculture and address climate concerns.

Challenges to scale Digital Agriculture in Africa

High cost of delivery, limited digital

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- infrastructure and • insufficient enabling policy/
- incentive environment
- **DigitAg solutions are** still small-scale. dependent on donor funding and in the pilot stage in SSA



- Only 13-35% of African farmers use digital solutions (~32mn), of which only 25% are women
- More than 70% of registered users of digitAg services are youth and most digital innovations are being developed by young tech start-ups



Growth of agritech solutions across Africa - 2019



Growth of agritech solutions across Africa - 2020



Barriers to scale digital ag solutions in Africa

- **Digital infrastructure, regulatory frameworks and data policies** needed to support innovators reach the last mile are insufficient or lacking in some cases.
- **Digital literacy and human capacity** to develop, access and utilize digital Ag solutions is still nascent.
- Many Agtech companies are yet to find a commercially viable business model to deliver digital solutions to smallholders and agri-SMEs.





Public sector enablers for Digital Agriculture in Africa



Financing for Agtech startups & businesses

Digital innovations integrated into all Feed Africa Investments

AfDB invests US\$ 1 – 2 billion in African agriculture per annum



Tech. for African Agriculture Transformation



Africa Fertilizer Financing Mechanism



ENABLE Youth



Special Agro-Industrial Processing Zones



Climate Smart Agriculture



Post Harvest



TAAT – Savannahs





Blue Economy



African Leaders for Nutrition



Livestock Flagship



Global Agriculture and Food Security Program



Feed Africa Digital Agriculture Flagship



AFDB Digital Agriculture Investment Roadmap



Champion Countries	Mid-Track Countries	Early Starter Countries
Countries leading Africa's digital agenda	Countries with growing tech services	Countries at the nascent stage of digital development
Kenya, Nigeria, South Africa, Tunisia, Morocco, Egypt, Rwanda, Ethiopia, Ghana, Uganda, Mauritius	Cote d'Ivoire, Cameroon, DRC, Mozambique, Senegal, Mali, Malawi, Zambia, Zimbabwe	Other countries where there is opportunistic demand



Country level digital transformation



Partnership Opportunities

Africa is rapidly digitalizing and open for business

Investments to scale

- Climate Smart digital technologies
- Equitable digital Agrimarketplaces
- Fintech for Agriculture
- Inclusive, gender-focused digital upskilling and job creation



Potential partner institutions

- ICT & Tech private companies
- Agritech impact investment funds
- Global FMCGs digitalizing their supply chain
- Development partners,
 Philanthropies, Family Offices
- Governments



THANK YOU!



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