

OACPS R&I OACPS RESEARCH AND INNOVATION PROGRAMME

INNOVATION FUND

Accelerating inclusive green growth through agri-based digital innovation in West Africa (AGriDI)

PROJECT CONSORTIUM



International Centre of Insect Physiology and Ecology (icipe), Kenya

Université d'Abomey-Calavi (UAC), Benin

Gearbox Pan African Network (GB), Kenya

Agropolis Fondation (AF), France

LOCATION



Western Africa

PERIOD



February 2021 – January 2025

DOMAIN

Agriculture, climate change

TARGETS

Agripreneurs (farmers and agroprocessors) especially women and youth

PROJECT CONTACT



Mr. Jonas Mugabe International Centre of Insect Physiology and Ecology (icipe) jmugabe@icipe.org

https://agridi.org/



Mid-term results overview

Contributing to a conducive environment for agri-based digital innovations, especially for women and youth farmers, and accelerating inclusive green growth in West African countries, AGriDI has selected 13 (third-party) projects that are implemented by academic and research institutions, ministries and government agencies responsible for ICT or science, technology and innovation, farmer cooperatives, MSMEs, and civil society organisations in Benin, Burkina Faso, Ghana, Ivory Coast, Nigeria, Senegal and Togo.



The project supports the development and scaling of the use of digital technologies for agricultural development, such as in the areas of soil mapping, agroinputs, crop management, marketing, and policy making.

The project finance and support <u>9 third-party projects</u>.

PUBLICATION

- A webinar on digital technologies in agriculture (co-organised with the ACP Innovation Funde-funded project VaRRIWA).
- 2 (peer-reviewed) articles on the baseline study assessing the ecosystem of digital technologies in selected countries of the ECOWAS region of which <u>one on policies</u>.
- 1 peer-review article published in an international journal: 'Exploring machine learning models for soil nutrients properties prediction: a systematic review'.
- 1 policy brief '<u>Les solutions numériques dans le secteur agricole</u> au Bénin'.











APPS

- 1 crop management app (available in 2 local languages) for an effective agro-ecological management of the fall armyworm on maize in northern region of Benin.
- 1 digital soil mapping tool for soil information including soil fertility, biodiversity and weather forecast for farmers and policymakers in Nigeria.
- 1 early-warning pest and disease management app for tomato, onion and maize farmers in Burkina Faso.
- 1 market and early-warning pest and management app for farmers in Ghana.
- 1 market app linking women to market information and financial opportunities (micro-loans) in Nigeria.
- 1 market app linking rice and maize farmers to local markets in Benin.
- 1 market app linking 12,000 maize and soybean farmers, agro-dealers and product collectors to local markets in 2 regions of Ghana.







Examples of publication







