

OACPS Research and Innovation Programme

Accelerating Inclusive Green Growth through Agri-based Digital Innovation in Western Africa (AGriDI)



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Implemented by the OACPS Secretariat



OACPS R&I



Financed by the European Union



What was the rationale for seeking support from the ACP Innovation Fund?

- **Food “systems approach” coupled with applications of transformative digital innovations could increase food security and reduce negative externalities on environment**
- **Digital innovation will offer innovative ideas that make it possible to better understand and analyse food environments and co-design agro-ecosystems. These innovations will also inform governance of sustainable food systems, while enabling better management of waste and resources in order to promote a green economy, and a better understanding and handling of the interactions of biotic and abiotic stresses on plants, animals and humans, and of political, social and economic risks.**
- **Overall, the project intends to achieve conducive environment for agri-based digital innovations, especially for women and youth farmers, and accelerating inclusive green growth in the targeted countries of West Africa**
- **This grant is a perfect opportunity to implement one of icipe’s priorities of the current strategy plan, which is to increase digital literacy, knowledge and use of emerging technologies in west Africa**

How is the project implemented?

- **Oversight of the project by the Project Management Committee (PMC) made of the consortium**
- **Project Coordination Unit (PCU) carries day-to-day project management including support to the third-party projects through online meetings, M&E visits, Annual implementers Forum.**
- **Third-party projects (TTP) selected through a call for proposals launched on 21st April 2021. An internal call for an additional activities was launched on 17 August 2022. There were three categories of grants with characteristics defined as below: (1) Co-development and adaptation of digital innovative solutions to enhance agricultural productivity; (2) Digital innovative solutions to establish market linkages for farmers' produce; (3) Development of policies to support digital innovation**

What are the third-party projects doing?

No	Name of participant	Project Location	Type of third-party projects	Duration	Products
1	AGriCef, Une solution digitale pour une gestion agro-écologique plus efficace et efficiente de la Chenille Légionnaire d'Automne (CLA) au Nord Bénin (DigiCLA)	Parakou, Northern Benin	Co-development & adaptation of digital solutions.	March 2022-March 2024	App linking farmers and scientists to manage the FAW with the app AGriCef
2	Digital Soil Mapping for Optimal Agricultural Yield and Sustainable Soil Biodiversity in Southwest Nigeria Using Artificial Intelligence	Abeokuta, South-west Nigeria	Co-development & adaptation of digital solutions	March 2022-March 2024	Smartsoil App to manage fertility
3	Precision Pest and Disease Management System based on Multidimensional Big Data (PPeDMaS)	Ouaga, BF	Co-development & adaptation of digital solutions	March 2022-March 2024	Mobile app and web-based early warning systems to manage crop diseases
4	Boosting rice and maize supply chains through innovative e-market and financial services to smallholder farmers in Benin (BoMeF)	Cotonou, Benin	Markets linkages	March 2022-March 2024	KiA App for markets linkages
5	Improving Women's opportunities to access microfinance for solar-powered agro-processing equipment (MarketMap)	Kaduna, Northern Nigeria	Markets Linkages	March 2022-March 2024	Marketmap will be displayed in mobile app and web-based system for market linkage
6	Digital Tools to Drive Market Access and Manage Ag-Value Chains (DigiMakt)	Esoko Limited-Ghana	Markets linkages	March 2022-March 2024	A mobile App (DigiMakt) for market linkage
7	Scaling AgroCenta Platform and Adoption for Effective Market Linkages in Ghana (SAPA)	Oti, southern Ghana	Markets linkages	March 2022-March 2024	Creation of a platform through which market information is shared
8	Renforcement de l'environnement politique et réglementaire pour le développement et la mise à l'échelle des innovations numériques dans le secteur agricole au Bénin (REPINAB)	Cotonou, Benin	Policy for digital innovations	March 2022-March 2024	Policy instruments (e.g. Policy brief) relevant to the agricultural sector's digital innovation ecosystem will be introduced into the policy adoption process in Benin and ECOWAS
9	Enhancing farmers' uptake of digital technologies through empirical research, innovation and policy intervention (EFUDTRIP)	Accra, Ghana	Policy for digital innovations	March 2024-March 2024	Policy instruments (e.g. Policy brief) relevant to the agricultural sector's digital innovation ecosystem will be introduced into the policy adoption process in Ghana

How are/will the products / services of the third-party projects / parent project be(ing) used?

- **sms messages, voices messages, calls from the TTP and parent project (AGriDI) are used and will be used by farmers / producers and buyers;**
- **Products/services of the TTP and parent project (fact sheet, success stories, Apps,etc.) will be published on the AGriDI, TTP and OACPS websites for the public access;**
- **Articles will be published in international journals;**
- **Books, booklets, policy briefs will be presented in some events that partners and TTP will attend;**
- **Starting this year, AGriDI intends to organize webinars to disseminate findings from TTP and Parent Project.**