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**giz** Deutsche Gesellschaft  
für Internationale  
Zusammenarbeit (GIZ) GmbH

In cooperation with:



# Digitally Enabled Resilience and Nutrition Policy Innovations (**DERPIn**)

## Harnessing Data and Evidence for Decision-making



### Virtual Informational Meeting for the Private Sector

February 12, 2025

1:00–3:00 PM (GMT) • 3:00–5:00 PM (CAT) • 4:00–6:00 PM (EAT)



# Digitally Enabled Resilience and Nutrition Policy Innovations (DERPIn) Harnessing Data and Evidence for Decision-making

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## Introduction and Background

The Digitally Enabled Resilience and Nutrition Policy Innovations (DERPIn) project seeks to strengthen the resilience of African food systems by leveraging digital technologies and data-driven solutions to empower policymakers, farmers, private sector enterprises, and other stakeholders with the tools and information they need to make informed decisions and implement effective gender-sensitive and inclusive policies. DERPIn is implemented by AKADEMIYA2063 on behalf of the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) in collaboration with the Pan-African Farmers' Organization (PAFO) and national research partners in Benin, Ghana, Malawi, Senegal, and Uganda.

The DERPIn project produces and disseminates data and evidence to inform decision-making in a number of areas. These include:

- **Nutrient adequacy:** Detailed data and maps on household consumption adequacy of energy, protein, and 11 micronutrients; identification of key foods contributing to households' nutrient intake; estimated impacts of price and income changes on demand for nutrients;
- **Community vulnerability:** Data and maps on multidimensional household vulnerability to shocks;
- **Agricultural statistics using satellite data:** Granular real-time crop type maps; detailed pre-harvest production and yield forecasts; crop suitability maps; identification of crop growth and weather anomalies; agricultural greenhouse gas emissions monitoring; pest and disease surveillance tools; etc.

These analyses have the potential to guide industrial fortification and other efforts to improve nutrition, inform the provision of financial and other services to farmers, and enhance planning for agricultural production surpluses or shortfalls, among other applications. Data and evidence will be shared publicly through online platforms and other knowledge products.

AKADEMIYA2063 is organizing a virtual informational meeting for representatives of private sector firms active in the agrifood sectors of DERPIn countries and neighboring countries to introduce the project and discuss potential applications of its outputs to inform decision-making. The event will include a demonstration of the project's outputs to date, presentation of expected outputs, and discussion on the information needs of private sector actors and potential uses and extensions of data and outputs produced under DERPIn to meet information needs.



## Objectives

The meeting aims to:

- Introduce the DERPin project and its information outputs to private sector representatives active in the agrifood system
- Elicit feedback from private sector representatives on their needs for data and evidence and the potential of the DERPin project to meet information needs
- Provide an opportunity for participants to discuss the potential for development of business-to-business products and services based on DERPin data and outputs

## Participants

The invited participants will consist of private sector representatives from DERPin countries and neighboring countries. Targeted enterprises will include financial service providers (banks, insurance companies), food processors, input providers, traders and wholesalers, agritech firms, and other firms active in agrifood systems.

## Provisional Agenda

1:00–1:10	Welcome and objectives
1:10–1:15	Brief overview of DERPin project
1:15–1:50	<b>Nutrient adequacy and vulnerability</b> <ul style="list-style-type: none"><li>• Background and approach (5 minutes)</li><li>• Demonstration of the FS-COR platform (20 minutes)</li><li>• Q&amp;A (10 minutes)</li></ul>
1:50–2:25	<b>Agricultural data based on remote sensing and AI</b> <ul style="list-style-type: none"><li>• Background and approach (5 minutes)</li><li>• Demonstration of the FS-COR platform (20 minutes)</li><li>• Q&amp;A (10 minutes)</li></ul>
2:25–2:55	Moderated discussion on the potential for DERPin outputs to inform decision-making
2:55–3:00	Next steps and closing

