Digital Agri Hub

Organised by: Digital Agri Hub
Platform: Microsoft Teams Webinar
Date: 3rd April 2025
Time: 15:00—16:30 CEST

Target audience: Digital Agriculture (D4Ag) actors, policymakers, agribusinesses, and technology providers in LMICs.

WEBINAR CONCEPT NOTE:

Unlocking Generative AI for Agriculture in LMICs

Introduction

Generative AI (GenAI), including Large Language Models (LLMs) and Retrieval-Augmented Generation (RAG), can potentially transform agriculture by enhancing advisory services, decision-making, and operational efficiency. However, challenges such as data quality, ethical concerns, and digital infrastructure gaps hinder widespread adoption, especially in LMICs.

This webinar will explore GenAI's potential, real-world applications, challenges, and a way forward, featuring expert presentations, interactive audience engagement via Mentimeter, and a panel discussion.

Objectives

- Understand the role of Generative AI in agriculture.
- Showcase AI applications in advisory services and policymaking.
- Identify challenges and prerequisites for AI adoption in LMICs.
- Discuss the ethical implications of open source vs. supervised AI models.
- Engage stakeholders through interactive discussion and insights.

Expected Outcomes

- Increased awareness of GenAI applications in agriculture.
- Practical insights from expert case studies.
- Stronger stakeholder networks and partnerships.
- Identification of policy and infrastructure needs.
- Actionable recommendations for AI adoption in LMICs.

Agenda & Speakers

Time & Session	Speaker(s)
00:00—00:05	
Opening & Welcome	Sander Janssen (Moderator & Host)
00:05—00:10	
Generative AI in Agriculture & WUR	Sander Janssen
00:10—00:25	
Flash presentation (5 minutes per solution provider)	Digital Green, Ubuntoo AI, Kissan AI
00:25—00:35	
Analysing the role of GenAI in FAO's initiatives	Henry van Burgsteden, FAO
00:35—00:45	
Digital Agri Hub's AI Chatbot	Inder Kumar, Digital Agri Hub
00:45—00:50	
Brief Q&A	FAO & Digital Agri Hub
00:50—01:00	
Audience Engagement: Mentimeter	Sander Janssen
01:00—01:15	
Moderated Panel Discussion: AI in LMIC Agriculture	Speakers & solution providers
01:15—01:25	
Feedback	Fadi Mujahid, Digital Agriculture Expert
01:25—01:30	
Closing & Next Steps	Sander Janssen

WAGENINGEN UNIVERSITY & RESEARCH