

KGDTF NEWSLETTER



January 2022

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Happy new year and best wishes for 2022!

February 1, 2022, is [Seollal, Korean New Year](#), that celebrates the first day of the Lunar New Year calendar. While it's the coldest time of the year, it marks the turn-around in seasons when people begin to look forward to spring and new planting.

This year is the [Year of the Tiger](#), an animal known for courage, ambition and justice. Wishing you a Year of the Tiger full of vitality, bravery, and generosity.

FEATURE STORY 1

[Novel Protein: Insect Farming for Food and Feed for a Circular Green Growth Economy](#)



[A special World Bank Live event on insect and hydroponic farming in Africa was livestreamed](#) on January 19, 2022 (9am~10am EST), to launch a new World Bank report '[Insect and Hydroponic Farming in Africa: The New Circular Food Economy](#)'. The live event was joined by Juergen Voegelé (Vice President for Sustainable Development, WB), Martien van Nieuwkoop (Global Director, Agriculture and Food Global Practice, WB), Dorte Verner (Lead Author of the report and Lead Agriculture Economist, WB), Raouf Mazou (Assistant High Commissioner for Operations, UNHCR), and Talash Huijbers (CEO of InsectiPro) and moderated by the BBC's Simon Tulett.

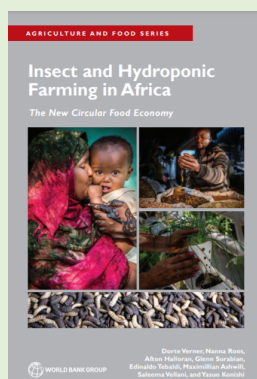


The event emphasized that **insect and hydroponic farming** had the great potential to increase access to nutritious food, create climate-resilient jobs, and reduce agricultural footprints in Africa. Dorte Verner expressed her special thanks to the [Rural Development Administration of Korea \(RDA\)](#) which partnered with the World Bank team and shared insect farming best practices and technologies.



Byunghong Park, Administrator of RDA, gave his closing remarks and congratulated the report launch. He promised that RDA would address the challenges of food shortage and malnutrition through K-insect technology and strong partnership with the World Bank. RDA has been at the forefront of discovering the value of insects and fostering the edible insects industry. RDA has commercialized 10 kinds of edible insects and introduced 180 products, working with the public and private sectors. [Listen more about the efforts of the RDA for insect farming for human food and animal feed \(from 1:00:00\)](#).

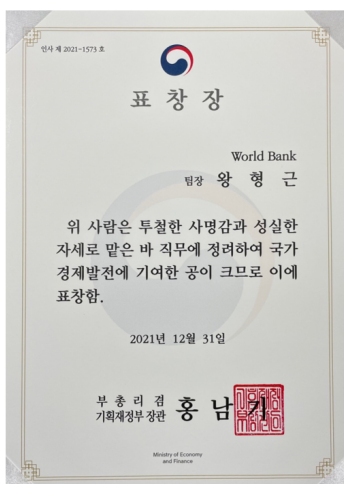
Though KGGTF Year-8 grant, KGGTF is providing funding support for piloting, training and operationalization of insect farming projects in selective African countries in close collaboration with RDA.



[Insect and Hydroponic Farming in Africa: The New Circular Food Economy](#) (Lead authored by Dorte Verner, Lead Agriculture Economist at the World Bank)

Published in December 2021, this report presents a disruptive, inclusive, and resilient solution to Africa's wide-ranging food security challenges. It assesses the benefits and costs of using the frontier agriculture technologies, insect farming and hydroponic farming, to create a circular food economy in Africa, particularly in Fragility, Conflict, and Violence (FCV)-affected countries. [Read the press release about the report](#).

FEATURE STORY 2



Hyoung Gun Wang, Program Manager of Korea Green Growth Trust Fund (KGGTF) at the World Bank, received a **2021 Award from H.E. Nam-ki Hong, Deputy Prime Minister and Minister of Economy and Finance of the Republic of Korea** for his outstanding dedication and commitment to national economic development. The award shows a great recognition of the performance that KGGTF achieved in building strong green growth partnerships between the World Bank and Korea and promoting green growth throughout the world. The award was delivered to him in person on behalf of Deputy Prime Minister and Minister of Economy and Finance of Korea.

KGGTF PROGRAM SPOTLIGHT

[Leveraging Digital Technologies for Scaling up Climate Smart Agriculture in Kenya](#)

TTL: Vinay Kumar Vutukuru, Senior Agriculture Economist, Food and Agriculture Global Practice



[The Korea-Kenya Webinar on Disruptive Agricultural Technology \(DAT\)](#) was held on January 20, 2022, as a series of knowledge exchange sessions supported by the Korea Green Growth Trust Fund (KGGTF) Year-8 Grant. The webinar aimed to foster cross learnings on 1) harnessing digital technology to strengthen the resilience of food and livestock production, 2) using technology to increase sustainable agriculture, and 3) adopting green policies and programs that increase national and private sector productivity and job creation.

K-Partners such as [Korea Agency of Education, Promotion and Information Service in Food, Agriculture, Forestry and Fisheries \(EPIS\)](#), [Korea Rural Community Corporation \(KRC\)](#), [the Foundation of Agri.Tech. Commercialization and Transfer \(FACT\)](#), and startups including [Green Labs](#) and [TRIDGE](#) participated in the webinar and introduced how to leverage digital technology for sustainable and resilient agriculture. Presented PPTs can be downloaded from the links above.



KGGTF Year-8 Grant supports Kenya Climate Smart Agriculture Project (KCSAP) and One Million Digital Farmer Platform (OMFP) to build agricultural resilience and variability and help one million farmers leverage digital technology and enhance productivity, profitability, and the resilience of livelihoods.

The grant activities include: 1) Knowledge and Learning events; 2) Innovation Challenge on Climate Smart Technologies in Kenya; 3) Technical Capacity Building at National and County Level; and 4) Pilot with MAFRA on digital learning and organic certification of value chains.

RECENT EVENTS



[The Webinar Series: Harnessing Trustworthy AI in Korea](#)

The World Bank Group Korea Office and the World Bank Digital Development Global Practice hosted this webinar series on January 25, 2022, to discuss harnessing technologies for helping countries accelerate their digital transformation and advance towards data economy.

The Republic of Korea, a country with deep experience in the technology field, has been promoting “trustworthy AI” that enhances the benefits of the technology and addresses its risk factors. The country announced its [National Strategy for AI](#) in 2019 and made AI a key element of its Digital [New Deal](#) initiative. The webinar presented Korea’s current practices and challenges

KGGI WBG KOREA OFFICE GREEN GROWTH INNOVATION TEAM



The Energy and Extractives Team, EEX

The EEX team prepare for the GFR for KGGTF grant and a Project Concept Note review of the PASA. "Battery Energy Storage System Development in Pacific Island Countries" report funded by KGGTF Year 7 grant is undergoing editorial review and will be published in February 2022. The team had a monthly meeting with KIAT on January 11 to discuss WB-KIAT pilot projects and strengthen communication for ongoing projects. The meeting found common interests such as E-mobility chargers and battery storage.

The Urban, Resilience, and Land Team, URL

Smart and Green Cities PASA - The task team is currently in the phase of preparing a smart urban regeneration TA proposal in Indonesia. The team is meeting with the country teams in Vietnam and Indonesia to discuss entry points and the scope of the TAs.

ICT-based Land and Property Valuation in ASEAN PASA – The task team is drafting the national property valuation and taxation case studies. The team initiated the TA with the Government of Indonesia for carrying out a mass property valuation in Central Java.

KGGTF TA in Vietnam - The team is engaging with the ViLG project task team and the Central Project Management Unit (CPMU) of Vietnam for the "Land Information Data integration" pilot site selection.

The Environmental Team, ENB

In collaboration with the EEX team, the ENB team will visit Sihwa Tidal Power Plant to explore future collaboration with K-water on environmental sustainability of coastal/marine renewable energy.

KGGTF K-PARTNERS



K-Partner Newsletters

GDPC - Global Development Partnership Center, Korea Research Institute for Human Settlements (KRIHS)

[Newsletter, January 2022](#)

KEPCO - Korea Electric Power Corporation

[Newsletter, January 2022](#)

KIAT - Korea Institute for Advancement of Technology

[Newsletter, January 2022 \(Korean\)](#)

KOTI - Korea Transport Institute

[Newsletter, January 2022](#)

About KGGTF

The Korea Green Growth Trust Fund is a partnership between the World Bank Group and the Republic of Korea, established in 2011 to support client countries as they shift to green development path. Both partners share a common goal to reduce poverty and promote shared economic prosperity in an environmentally responsible and socially inclusive way.

The Trust Fund finances on-the-ground programs as well as knowledge exchange activities, and to date has approved 180 programs. Based on strong performance, as well as increasing demand for collaborative development implementation programs, the fund now stands at US\$138 million.

For more information about KGGTF activities please visit our website www.wbgkgtf.org.

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