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Saint Louis University

Collaboration to provide access to food security



2 ZERO HUNGER



SLU collaboration to provide access on food security

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Saint Louis University, in collaboration with other institutions and government agencies, aims to provide access on food security and sustainable agriculture knowledge, skills or technology to local farmers and food producers.

Four teams join Innovation Olympics 2.0 grand finalists

By Nathan P. Felix • 21 April 2021, Wednesday



searca.org/news/four-teams-join-innovation-olympics-2-grand-finalists

On 20 March 2021, six teams from the Luzon and Visayas-Mindanao legs were given a chance to seal their spot in the IO 2.0 Grand Finale during the Wild Card Pitching Day held via Google Meet.

Hailing from Luzon, the first winning team developed ARCHIE or The Agri-Robot for Crop Health, a robot that has the ability to discover diseases and pests on crops. It was developed by Ms. Carol Domalsin of Saint Louis University, Ms. Judy May Mariano from University of Baguio, and Mr. John Ericson Dulay from University of the Cordilleras.

Ms. Domalsin said that "crop pests and diseases are among the top pain points of vegetable farmers. That is why we develop a curious rover that can detect pests and dispenses pest control in vegetable greenhouses."



Baguio Chronicle

July 11 •

DOST-CAR works with SLU, Bauko for agri ziplines

THE Department of Science and Technology-Cordillera Administrative Region (DOST-CAR), Saint Louis University (SLU), Local Government Unit (LGU)-Bauko and Towadan-Bito Farmers' Association (TBFA) signed a Memorandum of Agreement (MOA) for the establishment of Cableways for Agricultural Resource Transport System (CARTS) in Monamon Sur, Bauko, Mountain Province on June 23, 2022.

Funded by the DOST through its Niche Centers for the Region (NICER) Program with a counterpart funding of 1.1M from LGU-Bauko, this project is seen to address the lack of adequate infrastructure to transport agricultural produce through cable-supported infrastructure that is locally adapted to the terrain of CAR.

Farmers need to hire local porters to carry agricultural produce to the nearest farm-to-market road. The cable-supported infrastructure will provide an alternative system for transporting goods that will consequently improve agricultural activities and outputs in the province.

DOST-CAR Regional Director Dr. Nancy A. Bantog, in her message delivered by Engr. Angel L. Maguen, conveyed that this partnership is designed to help highland farmers to have safe and cost-efficient means of transporting their agricultural produce and increase farm yield through improved and innovative technologies. She also highlighted that DOST-CAR, in its advocacy of effecting change and development through Science, Technology, and Innovation, will sustain its support to invaluable partners and stakeholders in the region.

Meanwhile, Mayor Abraham B. Akilit said that this project is the first of its kind in their municipality and commended the DOST-CAR for having been their reliable partner in delivering technology-driven development in the municipality. He further mentioned that as he steps down as mayor, he appeals for theDOST to continually bring relevant STI programs in the municipality.

RCA's AIG interconnectivity model, Ms. Domalsin highlighted that Project ARCHIE is made various sectors in the academe, industry, and government of Benguet province.



AGRICULTURE

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