

AY 2022 - 2023



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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at URL: <https://www.searca.org/news/four-teams-join-innovation-olympics-2-grand-finalists>

<https://car.neda.gov.ph/rrdic-launches-rd-programs-for-cordillera-development/>

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](https://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."

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



**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.



AGRICULTURE

**DOST-CAR WORKS WITH SLU,  
BAUKO FOR AGRI ZIPLINES**

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The Secretary of the Department of Science and Technology (DOST), Dr. Renato U. Solidum, Jr., along with the members of DOST Executive Committee graced Saint Louis University with their presence on 11 January 2024 at the Fr. Francis Gevers Hall to visit the approved DOST-assisted and DOST-Grants-in-Aid-funded project (DOST GIA), “Improving the livelihood of MSMEs through Cable Supported Water and Transport Infrastructure.” SLU is the implementing agency of the project, otherwise known as “Program Boondock 2”, that focuses on establishing DOST’s Cableways for Agricultural Resource Transport System (CARTS) which began in June 2021. Part of the said visit included a presentation of project accomplishments and updates of the project implementation process.



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## *SLU lauded for the CARTS Project*



**DOST - CAR**

January 12 · 🌐



### SLU lauded for the CARTS Project

Officials of the Department of Science and Technology (DOST) were wowed with the Cableway for Agricultural Resource Transport System (CARTS) currently under development in Bauko, Mountain Province.

CARTS is one of the components of the project titled "Improving the Livelihood of MSMEs through Cable Supported Water and Transport infrastructure" being implemented by Saint Louis University (SLU). It aims to provide an alternative system for the farmers in transporting goods that will consequently improve agricultural activities and outputs in the province.

Comprising three (3) towers the system will be equipped with a first-person-view (FPV) system and an electric motor which can be utilized via variable-frequency drive (VFD) with a smart control system or can be done through a mobile application.

Updates and developments of the project were presented by Engr. Janice Kaye L. Aquinio of SLU during the project visit led by the DOST Undersecretary for Research and Development, Dr. Leah J. Buendia at the SLU campus on January 11, 2024.

Said system is expected to be launched in March this year.

The project is under Program Boondock: A Mountain Engineering Center Toward Sustainable Infrastructure and Upland Water Security funded by the DOST through the Niche Centers for R&D in the Region (NICER) Program.

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[#ScienceForThePeople](#)

[#SiyayaKordilera](#)

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# SLU collaboration to provide access on food security

Published in **SLU Website**

at URL: <https://www.slu.edu.ph/2024/02/27/the-slu-and-its-engineering-alumni-forge-commitment-to-launch-scholarship-project/>

Saint Louis University (SLU), through Rev. Fr. Gilbert B. Sales, CICM, signed the “Saranay ti Alumni” terms and conditions with Engr. Francisco Cervantes, Jr., Chairman, Scholarship Project and of SLU-Engineering Batch 1976 and Friends Financial Assistance Program on 26 February 2024 at the Alejandro Roces Boardroom, Administrative Center, Fr. Burgos Building, SLU Main Campus. Fellow engineers from the Class of 1976, Engr. Jonathan Lacambra, Engr. Januario Ursua, and Engr. Virginia Peralta also joined the said signing. The ceremonial signing of “Saranay ti Alumni”, which means to help and to serve others, formalized the commitment of Engr. Cervantes and his batchmates in leading the scholarship project of Batch ‘76, which, in their words, is called the “Fruit of the Class ‘76.”

