



DOST 1, LGU ALAMINOS, PSU, INK MOU FOR SMART CITY PROJECT IMPLEMENTATION

The Department of Science and Technology Regional Office I (DOST 1) together with the Local Government Unit (LGU) Alaminos, and Pangasinan State University (PSU) officially signed the Memorandum of Understanding (MOU) to collaborate in the implementation of the transformative Smart and Sustainable Communities Program (SSCP) for Alaminos City on February 7, 2024, at Don Leopoldo Sison Convention Center, Alaminos City, Pangasinan.

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DOST-1 TRAINS LAPOG'S SKEWER PRODUCERS ON THE OPERATIONS OF BAMBOO PRODUCTION EQUIPMENT

The Department of Science and Technology Region 1 (DOST 1), through the Provincial Science and Technology Office – Ilocos Sur conducted a training on the Operations and Maintenance of the Bamboo Production Equipment to the members of Lapog Harvester SLP Association (LHSLPA) at Barangay Barbar, San Juan, Ilocos Sur today.

The training aims to capacitate the members on the operations of the five (5) equipment particularly: Bamboo Splitter, Width and Thickness Slicer, Stick Length Cutter, Bamboo Slicer, and Stick Polishing Machine, including its components and functions.

Engr. Jordan L. Abad, Provincial Director thanked the support of the Barangay Council led by Brgy.

Captain Jimenez on their support to the implementation of the project. Also, he expressed his gratitude to the Local Government Unit headed by Mayor Ma. Elaine A. Sarmiento represented by Hon. Cresencio G. Valle, Sangguniang Bayan member and asked to continue supporting the association most especially the establishment of bamboo warehouse.

A total of thirty members of the association actively participated in the hands-on training. Mr. Andy Rentoria, Technician from Hinoki Global Concepts Inc. served as the resource person.

On the other hand, Hon. Valle commended the agency in its unending support until the successful implementation of the assistance to the association.



Mr. Andy Rentoria, Technician from Hinoki Global Concepts Inc., demonstrated the use of the Bamboo Production Equipment to the members of LHSLPA.



PSTO-Ilocos Sur PD Engr. Jordan Abad assisted the skewer producers in operating the equipment.



Members of LHSLPA happily posed, proudly showing their certificates, celebrating the successful completion of training on the operations of bamboo production equipment.

DOST 1, DOST-PHIVOLCS, PG PANGASINAN SPEARHEAD CAPACITY BUILDING FOR DISASTER PREPAREDNESS IN PANGASINAN

The Department of Science and Technology Office Region I (DOST-1), in collaboration with the DOST-Philippine Institute of Volcanology and Seismology (PHIVOLCS) and the Provincial Government (PG) of Pangasinan, recently conducted a three-day Capacity Building on the use of GeoRiskPH Platforms on February 20-22, 2024, at the Pangasinan Training and Development Center I in Lingayen which gathered Pangasinan Provincial Disaster Risk Reduction and

Management Officers and Local Disaster Risk Reduction and Management Office representatives from all six districts of the province.

The initiative aimed to equip participants with the necessary knowledge to effectively utilize GeoRiskPH platforms in disaster risk reduction efforts. GeoRisk Philippines (PH) is a collaborative endeavor led by PHIVOLCS and funded by DOST. It provides protocols and platforms for

sharing hazard, exposure, and risk information, aiding individuals, communities, local governments, and national agencies in disaster preparedness and planning.

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Philippines

Representatives from DOST-1, DOST-PHIVOLCS, OCD RO1, PG of Pangasinan, and PDRMO come together for a group photo, illustrating their robust collaboration in bolstering disaster preparedness and resilience efforts in Pangasinan.



DOST-1, LGU-Alaminos City, and PSU representatives unite in a group photo, marking a pivotal moment during the implementation of the transformative SSCP.

This groundbreaking partnership marks a significant step towards harnessing Science, Technology, and Innovation (STI) to enhance the quality of life of the communities and streamline public services in Alaminos City. The MOU signing was led by DOST 1 Regional Director, Dr. Teresita A. Tabaog; Alaminos City Mayor, Hon. Arth Bryan Celeste; and PSU President Elbert M. Galas duly represented by Dr. Razeale G. Resultay, Vice President of Research, Extension, and Innovation Office. This partnership and MOU signing was witnessed by Alaminos City Vice Mayor, Hon. Jan Marianne R. Fontalera; DOST 1 – Provincial Science and Technology Office (PSTO) Pangasinan Provincial Director, Engr. Arnold C. Santos; and Dr. Betchie Aguilando, BIRDC Director of Isabela State University – Cauayan.

Under the collaboration, DOST 1 will provide technical expertise, support, and access to cutting-edge technologies to drive innovation and sustainability in the city, as RD Tabaog emphasized the importance of STI for the benefit of the communities aiming to a future-ready city that prioritizes sustainability, efficiency, and inclusivity. LGU Alaminos will facilitate the implementation by working closely with PSU to integrate smart and sustainable infrastructure and systems seamlessly into the urban landscape, as Hon. Celeste, one of the DOST 1 Science Ambassadors, reaffirms his commitment to be one with DOST 1 with its initiatives by harnessing the power of STI to address pressing urban challenges and to improve the well-being of our citizens.



LGU Alaminos actively participating in practical exercises and insightful discussions throughout the Smart and Sustainable City Training Workshop.

The SSCP is a strategy of the department integrating the Innovation, Science and Technology for Accelerating Regional Technology-Based Development (iSTART) for a more holistic & inclusive approach to leverage advanced technologies and data-driven solutions to address the challenges, promote sustainability, and improve overall governance as Alaminos City starts its journey to become a model for smart, sustainable, and inclusive development in the region.



DR. TERESITA A. TABAOG
DOST-1 Regional Director

HON. ARTH BRYAN CELESTE
Alaminos City Mayor

This represents the testament of DOST 1 to promote STI and partnerships with its LGUs and SUCs in shaping a brighter future for the communities in the region, embracing the opportunities of the digital age, and emerging as a beacon of smart and sustainable community.



STO. TOMAS
LA UNION

ARINGAY
LA UNION



Turn-over of the AWS to the CEST Community of Aringay led by Hon. Mayor Benjamin Sibuma.



Mr. Michael John Maquiling, Supervising SRS of DOST-1 demonstrating the step-by-step operation of the AWS to the staff of LGU Santo Tomas, La Union.

ENHANCING LOCAL RESILIENCE: DOST-1 INSTALLS AUTOMATED WEATHER STATION IN TWO (2) MUNICIPALITIES IN LA UNION UNDER THE CEST PROGRAM

In a significant stride towards enhancing local resilience and harnessing the power of science and technology, the Department of Science and Technology Regional Office I (DOST-1), through the Provincial Science and Technology Office – La Union (PSTO-LU), implemented the Project NaKaSaGana or the Naglililang ng Kahandaan sa Sakuna Gamit ang Napapanahong Teknolohiya under the Community Empowerment through of the Science and Technology (CEST) Program in the province of La Union.

As part of this transformative initiative, the deployment of an Automated Weather Station (AWS) to two (2) municipalities in La Union – Aringay and Santo Tomas last February 26 to 29, 2024, took place.

This initiative is a step in advancing weather monitoring and disaster preparedness in the localities.

The AWS is a solar powered device that stores, records and retrieves meteorological data through a multi-parameter weather sensor and an adjacent tipping bucket type rain gauge. Data from this station can be used for weather forecasting and modelling.

A total of 26 LGU staff members underwent comprehensive training, acquiring essential skills in the operation, maintenance, and troubleshooting of the AWS. The training sessions also focused on imparting knowledge about El Niño and Hydromet Hazards, empowering local personnel with insights crucial for effective weather monitoring and hazard mitigation.



DEPARTMENT OF SCIENCE
AND TECHNOLOGY
REGIONAL OFFICE NO. 1



DOST - PHILIPPINE INSTITUTE OF
VOLCANOLOGY AND SEISMOLOGY

in partnership with



PROVINCIAL GOVERNMENT
OF PANGASINAN

GeoRiskPH



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Dear Government colleagues, may we appeal to you to take this training seriously and consider adopting other technologies during the upcoming Handa Pilipinas Luzon Leg in Ilocos Norte. We need to decide to prepare everyone now, As Sec Solidum said: "we cannot do away with hazards..but we can manage hazards!" How? By taking time to prepare now..because if we fail to plan we plan to fail.

”

DR. TERESITA A. TABAOG
REGIONAL DIRECTOR, DOST 1

during the opening program of the Capacity Building on the use of GeoRiskPH platforms for the province of Pangasinan on February 20, 2024 at PTDC I, Lingayen, Pangasinan.



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