



In attendance during the launching are DOST-PTRI OIC Julius L. Leaño, Jr., Provincial Governor Raphaelle Veronica A. Ortega-David, DOST-LU Provincial Director Jonathan M. Viernes, LGU Naguilian Municipal Mayor Nieri T. Flores, DTI La Union Provincial Director Merlie D. Membrere, and Timpuyog Dagiti Mannalon Ti Casilagan, Inc.

## Launching of the First Bamboo Textile Fiber Innovation Hub (BTFIH) in the Philippines

DOST 1, DOST-Philippine Textile Research Institute, in collaboration with DOST-PCAARRD, Local Government of Naguilian, La Union, HEED Foundation, Inc. and Timpuyog Dagiti Mannalon Ti Casilagan led the inauguration of the Bamboo Textile Fiber Innovation Hub (BTFIH), today, January 13, 2023, in Naguilian, La Union. [read more in page 3...](#)

### OTHER FEATURED NEWS:



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**Tekno Presensya 2023, Episode 1 featuring RD Ganal and his 32 years of service in DOST 1...**

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## DOST 1 EQUIPS LGU UMINGAN ON WASTE MANAGEMENT

The Department of Science & Technology Regional Office No. 1 (DOST 1) through its Provincial Science and Technology Office (PSTO) - Pangasinan Field Office together with Industrial Technology & Development Institute (DOST-ITDI) conducted a 2-day Waste Analysis and Characterization Study (WACS) Training-Workshop, under the Community Empowerment through Science and Technology Program (CEST) Program, to the Municipality of Umingan

DOST-ITDI's waste management experts Engr. David Herrera, Mr. Marcelino Prudencio Jr., Ms. Ma. Theresa Arthuz and Engr. Joven Barcelo served as the training's resource speakers. The participants acquired knowledge and skills on Basic WACS procedures, determining sample sizes, health, and safety guidelines in conducting WACS, preparation of worksheets and WACS plan. Mr. Mario L. Sonaco, Municipal Environment Office (MENRO) officer, expressed his gratitude to DOST.



## DOST 1 HELD ITS 1ST GENERAL STAFF MEETING FOR CY 2023



The Department of Science and Technology Region 1 conducted its General Staff Meeting for CY 2023 last January 25, 2023, at Don Mariano Memorial State University – North La Union Campus, Fisheries Research and Training Institute in Balaoan, La Union.

The Staff meeting was attended by DOST 1 staff from DOST 1 Regional Office and Provincial Offices. The agendas discussed during the meeting are DOST 1 Quality Management System (QMS), Office Policies, and Gender and Development (GAD).

Mr. Decth-1180 P. Libunao, Senior Science Research Specialist and the Internal Quality Audit (IQA) Team Leader gave an informative lecture on the concept of Understanding, Knowledge, and Awareness of ISO 9001:2015 and the DOST 1 established Quality Management System to educate DOST 1 staff on how their responsibilities and competency in performing assigned duties play a critical role in the attainment of our organization's goal and objectives.



Meanwhile, Atty Jasmin C. Banez, Assistant Regional Director for Finance and Administrative Services conducted the orientation on DOST 1 Office Policies and discussed the 1987 Constitution, particularly Article XI – Accountability of Public Officers. Atty Bañez emphasized Section 1 of the said Article which provides that "Public office is a public trust. Public officers and Employees, must, always, be accountable to the people, serve them with utmost responsibility, integrity, loyalty, and efficiency; act with patriotism and justice, and lead modest lives".

Ms. Racquel M. Espiritu, Assistant Regional Director for Technical Services Division and GFPS-TWG Head discussed the concepts of GAD which include sex and gender, socialization of power and discrimination, and manifestations of gender bias. She highlighted the importance of GAD with reference to its essential instruments, which are correspondingly compliant with requirements, commitment to principles, and development obligations.

# THE FIRST BAMBOO TEXTILE FIBER INNOVATION HUB (BTFIH) IN THE PHILIPPINES IS FINALLY HERE IN LA UNION

In attendance during the launching are DOST-PTRI OIC Julius L. Leaño, Jr., Provincial Governor Raphaelle Veronica A. Ortega-David, LGU Naguilian Municipal Mayor Nieri T. Flores, DOST-LU Provincial Director Jonathan M. Viernes to represent Regional Director Armando Q. Ganal, DTI La Union Provincial Director Merlie D. Membrete, and Timpuyog Dagiti Mannalon Ti Casilagan, Inc. President Lope E. Bautista. Video messages were also given by DOST-PCAARD Executive Director Reynaldo V. Ebora and HEED Foundation, Inc. Chairman Hilario C. Murillo.

PD Viernes welcomed the guests and thanked the collaborative efforts of the agencies, groups and LGU which resulted into the successful fruition.

Meanwhile, Ms. Jenneli E. Caya, DOST-PTRI Supervising Science Research Specialist provided an overview of the Bamboo Textile Fiber Innovation Hub (BTFIH) at the start of the event.



Cutting of the ceremonial ribbon led by DOST-PTRI OIC Julius Leaño Jr., DOST-PSTO La Union Provincial Director Jonathan Viernes, DTI La Union Provincial Director Merlie Membrete, HEED Foundation and Timpuyog Dagiti Mannalon Ti Casilagan, Inc. President Lope Bautista.

DOST-PTRI has committed to establishing BTFIH under PCAARRD funded Project, "Field Verification of the Bamboo Textile Material Production and Treatment Technology." It envisions to verify the technology in the province of La Union and utilize bamboo textile material available therein. The project will subsequently validate the performance of the bamboo textile fiber extraction machine developed by DOST-PTRI while producing the bamboo textile fibers for various textile applications. The people's organization of Timpuyog Dagiti Mannalon Ti Casilagan Inc. (TIMPUYOG) is the identified partner for establishing community-based verification of bamboo fiber extraction technology as part of the second-year implementation of the project.

The Health, Education, Environment, and Discipleship or HEED Foundation, which is a partner of DOST-PTRI as well,

helped organize the locals by creating their own people's organization, hence the TIMPUYOG, whose primary goals are to protect the environment, seek government assistance, and create a sustainable livelihood for the locals.

Governor Ortega-David proudly expressed her joy and gratitude for the momentous accomplishment of Naguilian, La Union as they were the first in the country to launch the BTFIH. She pledged the support of the Provincial Government of La Union in the endeavors of the project and the groups involved.

OIC Leaño commended the people, groups, agencies and LGU who worked together to make the event a success. He quoted, "Everything starts in region 1."

The BTFIH inauguration is in line with the DOST-PTRI's #2023PTFMonth celebration.



SAFETECH BY MODULHAUS IN AGOO, LA UNION  
The first mask production facility in Northern Luzon

The Department of Science and Technology Regional Office 1 accompanied the Regional Directors from various regions in conducting project visit to the Small Enterprise Technology Upgrading Program (SETUP) beneficiaries in Region 1 last January 18, 2023.

The team also visited the Nutridense Food Manufacturing Corporation (NFMC) in Sta. Barbara, Pangasinan. NFMC is one of the successful SETUP projects in Region 1 and Department of Science and Technology-Food Nutrition Research Institute technology (DOST-FNRI) adoptor.



In Agoo, La Union, the DOST Team visited the production facility owned by Mr. Richard Chan, a DOST 1 SETUP beneficiary since 2016. Modular Plus Home System Incorporated, his family-owned business, produces modular products like kitchen, wardrobe, and pantry cabinets, restaurant and console tables, bathroom and vanity fixtures, as well as other architectural and interior office features. On November 25, 2021, the firm launched the first face mask production facility in Northern Luzon with the aid of DOST 1 Small Enterprise Technology Upgrading Program (SETUP).

Mr. Racky D. Doctor, President of NFMC, welcomed the DOST Team and toured them in their facility.

In response, Regional Directors from the different Regions nationwide expressed their appreciation to DOST 1 and SETUP beneficiaries for the warm welcome and giveaways.

# WELCOME TO DOST REGION 1!

## Dr. Teresita A. Tabaog

OFFICER-IN-CHARGE  
OFFICE OF THE REGIONAL DIRECTOR



DEPARTMENT OF SCIENCE AND TECHNOLOGY  
REGIONAL OFFICE NO. 1

### DOST 1 WELCOMES DR. TERESITA A. TABAOG, AS THE OFFICER-IN-CHARGE OF THE OFFICE OF THE REGIONAL DIRECTOR

The Department of Science and Technology Region 1 welcomed Dr. Teresita A. Tabaog as the new Officer-In-Charge, Office of the Regional Director with a general staff meeting held at Multi-Purpose Hall of DOST 1, City of San Fernando, La Union.

OIC-ORD Tabaog introduced herself, her family, and her work. Her passion, commitment, and drive toward work are highlighted as it was described as exceptional. Dr. Tabaog also shared her journey from DOST 2 to becoming the OIC-ORD of DOST 1.

Dr. Tabaog reminded everyone that everyone has their own unique traits and strategy toward work as we also have our own work ethics. One thing that she mentioned and highlighted is to level up what strategy the staff is working on to elevate the services of DOST in the region.

### RD GANAL AND HIS 32 YEARS OF DEDICATED SERVICE TO DOST 1



*They say, "if your path is more difficult, it is because your calling is higher."*

The first episode for CY 2023 of the weekly radio program "Tekno Presyensya, Sensya ken Teknolohiya Para Kadagiti Umili" hosted by Department of Science and Technology Region 1 (DOST 1), in collaboration with DZAG Radyo Pilipinas Agoo, looked back into the journey of success of Dr. Armando Q. Ganal, the outgoing DOST 1 Regional Director, his hard work and determination not only in the government service, but also in how he rose from all occasions and challenges in life.

RD Armand was born and raised in Sta Cruz, Manila. He started his education at Antonio Regidor Elementary School where he finished as 3rd Honorable mention. He went to Mapua Institute of Technology and stayed there for a year and transferred to St. Anthony's Highschool in Luna, Apayao for his 2nd-year high school. Again, in his 3rd and 4th year as a high school student, he transferred to Sarrat National High School in Ilocos Norte. As rough as the journey is, Dir. Ganal still finished his high school years and became the class Valedictorian.



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