

STATEMENT OF APPROVED BUDGET, UTILIZATIONS, DISBURSEMENTS AND BALANCES FOR TRUST RECEIPTS
As at the Quarter Ending June 30, 2023

Department : Department of Science and Technology (DOST)

Inter Agency Fund Transfer

Agency : Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCI-EERTD)

Operating Unit : N/A

Organization Code (UACS) : 190130000000

Funding Source Code (as clustered): 07- Trust Receipts

Grants and Donations (Less than 12 months)

Source Agencies and Projects	Approved Budget			UTILIZATIONS					DISBURSEMENTS					Unutilized Budget	Balances	
	Approved Budgeted Revenue / Receipts	Adjustments	Adjusted Budgeted Revenue	Quarter 1	Quarter 2	Quarter 3	Quarter 4	TOTAL	Quarter 1	Quarter 2	Quarter 3	Quarter 4	TOTAL		Unpaid Utilizations	
															Due and Demandable	Not Yet Due and Demandable
Department of Science and Technology (DOST)																
Office of the Secretary																
Central Office																
Proposed Installation of AGT in BPSU Main Campus (As Laboratory Facility of the Proposed Railway Engineering Program and Existing Engineering Programs)																
MOOE	364,489.56		364,489.56	24,886.01	4,513.47			29,399.48	24,886.01	4,513.47			29,399.48	335,090.08		
Establishment of Metals and Engineering Innovation Centers (MEIC) in Cordillera Administrative Region (CAR), Regions I, II, III, and X																
MOOE	395,326.00		395,326.00		171,156.59			171,156.59		171,156.59			171,156.59	224,169.42		
Survey of Heatwaves in the Philippines Seas (SHIPS)																
MOOE	188,622.56		188,622.56		66,666.00			66,666.00		66,666.00			66,666.00	121,936.56		
Innovation, Science and Technology for Accelerating Regional Technology-based Development (ISTART)																
MOOE	300,000.00		300,000.00	150,000.00				150,000.00		150,000.00			150,000.00	150,000.00		
Marine and Onshore Geophysical Investigation of the Manila Subduction Zone																
MOOE	79,813.00		79,813.00											79,813.00		
Project 1: Establishment of Regional Yam Production and Innovation Center (RYPIC) - Northern Luzon																
MOOE	88,757.15		88,757.15	20,600.00	44,000.00			64,600.00	20,600.00	44,000.00			64,600.00	24,157.15		
Project COBRA (Controlled Operated Battle Ready Armament)																
MOOE	673,960.00		673,960.00	71,409.00	142,293.27			213,702.27	71,409.00	142,293.27			213,702.27	460,257.74		
Synthetic Aperture Radar (SAR) and Automatic Identification System and Maritime Surveillance																
MOOE	740,595.00		740,595.00		294,043.07			294,043.07		294,043.07			294,043.07	446,551.93		
Development of Fermented Coconut Products from Mature Coconut Water and Coconut Skim Milk Byproducts from VCO Processing																
MOOE	49,200.00		49,200.00		19,374.00			19,374.00		19,374.00			19,374.00	29,826.00		
Project 3: Advanced Lead Acid Batteries with Embedded Ultrasonics (ALAB-EU)																
MOOE	242,609.07		242,609.07	112,752.00	75,168.00			187,920.00	112,752.00	75,168.00			187,920.00	54,689.07		
REVIVE PH: Responsible Extraction of Various Valuable Elements in the Philippine Laterite Deposits (Phase I)																
MOOE	335,649.60		335,649.60	119,015.00	118,942.87			237,957.87	119,015.00	118,942.87			237,957.87	97,691.73		
Project 2: Digitization of Philippine Textiles to Protect and Sustain the Handloom Weaving Sector																
MOOE	169,065.80		169,065.80	141,820.51	27,245.29			169,065.80	141,820.51	27,245.29			169,065.80			
Project 1: Scoping and Life Cycle Assessment of Philippine Handloom Woven Textiles in Support of the Creative Philippine Textile Economy																
MOOE	125,905.00		125,905.00	110,653.57	15,251.43			125,905.00	110,653.57	15,251.43			125,905.00			

Source Agencies and Projects	Approved Budget			UTILIZATIONS					DISBURSEMENTS					Unutilized Budget	Balances	
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															Due and Demandable	Not Yet Due and Demandable
Project 3: Covert Technology Towards Sustainability and Protection of the Philippine Textile Sectors																
MOOE	210,150.00		210,150.00	9,091.33	51,296.62			60,387.95	9,091.33	51,296.62			60,387.95	149,762.05		
Functional Philippine Camouflage Fabric for Field Service Uniform (FSU) Battle Dress Uniform (BDU) Application																
MOOE	319,280.00		319,280.00	-	15,000.00			15,000.00	-	15,000.00			15,000.00	304,280.00		
Proj. 1: 3D-BTM: Bio-fabrication of Bone, muscle, and Pancreatic Biomimetic Tissue Models for Printable and Injectable Scaffolds																
MOOE	270,418.90		270,418.90	56,677.82	35,875.64			92,553.46	56,677.82	35,875.64			92,553.46	177,865.44		
Proj. 2: 3D-CBOL Development and Characterization of 3D-Printed Carrageenan Bolus for Superficial Radiotherapy																
MOOE	106,360.00		106,360.00	47,294.94				47,294.94	47,294.94	-			47,294.94	59,065.06		
Proj. 3: 3D-ABP: Development and Performance Evaluation of Biocompatible Materials and Pore Design Structure for 3D Printed Artificial Bone Implants																
MOOE	103,205.50		103,205.50	15,000.00	88,205.50			103,205.50	15,000.00	88,205.50			103,205.50	-		
Proj. 3: Rare Earth Elements in Baixite: Characterization and Extraction of A Potential Resources																
MOOE	200,459.40		200,459.40	37,353.37				37,353.37	37,353.37	-			37,353.37	163,106.03		
Proj. 2: Innovative Technology for Refractory Gold Extraction Using Deep Eutectic Solvent (DES) and Hypochlorite Solution																
MOOE	297,882.80		297,882.80	-	112,752.00			112,752.00	-	112,752.00			112,752.00	185,130.80		
Proj. 1: Removal and Stabilization of Arsenic Gold and Copper Ores Using Aqueous and Non-Aqueous Solvents																
MOOE	264,792.00		264,792.00	-	23,757.92			23,757.92	-	23,757.92			23,757.92	241,034.08		
Bio-Composite from Vetiver Roots and Thermoplastic for Industrial Application																
MOOE	14,800.00		14,800.00	-				-					-	14,800.00		
Nanobiotechnological Interventions for Enhanced Productivity in Ethanol Distilleries																
MOOE	14,800.00		14,800.00	-				-					-	14,800.00		
Proj. 1: SMART WATER RESOURCES PLANNING AND MONITORING: Assessment, Design and Development of Water Resources Projects and Interventions																
MOOE	433,556.90		433,556.90	-	110,789.52			110,789.52	-	110,789.52			110,789.52	322,767.38		
Proj. 3: GIS-Based Decision Support Tool in Managing Urban Water																
MOOE	185,203.78		185,203.78	-				-					-	185,203.78		
Proj. 2: Integrated Assessment and Analysis of Hydraulic Assets for Sustainable and Resilient Flood Control Infrastructure																
MOOE	212,121.58		212,121.58	-	1,652.88			1,652.88	-	1,652.88			1,652.88	210,468.70		
Proj. 4: Smart Water Control Infrastructure for Effective Irrigation Management																
MOOE	208,870.82		208,870.82	-				-					-	208,870.82		
Proj. 2: CURB flood (City Wide Urban Flood Modeling) for funding in CY 2023																
MOOE	320,014.15		320,014.15	-	5,100.00			5,100.00	-	5,100.00			5,100.00	314,914.15		
Proj. 1: Processing of Coconut Mannoglycides (CMG) into Functionalized Polyol for funding in CY 2023																
MOOE																

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Proj 2: Development of Extracellular Matrix Composed of Natural Polymers from Fish Processing Wastes for Nutraceutical and Biomedical Application																
MOOE																
Proj 3: Production of Polyurethane-Modified Concrete (PMC)- Nanomaterial Composite from Crude Glycerol for Industrial Flooring System Application																
MOOE																
Carrageenan Research & Development Lab. Developing Cold-Soluble Powders, Bioplastics, and Bioactive Hydrogels from Nano-structured Carrageenan																
MOOE																
Smarter Onelab for Industry 4.0 Through Testing and Calibration, Education, and Discovery (OneLab for TED)-RDs Component (JTDI)																
VOOE	1,300,000.00		1,300,000.00	278,284.11	164,401.63			442,685.74	278,284.11	164,401.63			442,685.74	857,314.26		
Development of a Multi-Mission Unmanned Aircraft System (UAS)"																
MOOE	619,360.00		619,360.00											619,360.00		
Proj. 2: Predictive Estimation of Ecological Carrying Capacity: Tool for Sustainable Aquaculture Development in Selected Crater Lakes in the Province of Quezon																
MOOE	183,214.57		183,214.57											183,214.57		
Project 1: Slope Stability Analysis and Engineering Intervention for Rice Terraces and Road Infrastructures in Tainan Areas																
VOOE																
Project 3: Design and Development of Maritime Autonomous Surface Ship (MASS) Prototype																
VOOE	314,680.00		314,680.00	4,350.00	139,289.28			143,639.28	4,350.00	139,289.28			143,639.28	171,040.73		
Project 2: Improving the Livelihood of MSMEs thru Cable Supported Water and Transport Infrastructure"																
MOOE																
Project 4: development of artificial groundwater recharge facility for drought and flooding mitigation																
MOOE																
Project 3: Upland River and Spring Water Assessment and Management																
MOOE																
Project 2: Alternative Energy Source Using Sail (AESUS) for Tuna Commercial Boat																
MOOE	187,040.00		187,040.00											187,040.00		
Project 1: Hull Design Standard for Philippine Seawater Typology (SPST)																
MOOE	294,700.00		294,700.00		4,350.00			4,350.00		4,350.00			4,350.00	290,350.00		
Landslide Investigations on geohazards for Timely Advisories in the Philippines (LIGTAS)																
MOOE	320,411.21		320,411.21		95,157.91			95,157.91		95,157.91			95,157.91	225,253.31		
PAVE-Prototype Automated Visual Survey Equipment																
MOOE	80,566.73		80,566.73	80,566.73				80,566.73	80,566.73				80,566.73			
Establishment of the PRR-1 Subcritical Assembly for training, education and Research (SATER)																
MOOE	65,840.46		65,840.46											65,840.46		

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Proj. 1. Technological Readiness and Innovation Through Advanced Manufacturing in the Philippines (TRIAMPH) MOOE	2,809,194.00		2,809,194.00		230,845.49			230,845.49		230,845.49			230,845.49	2,578,348.52		
Proj. 2. Materials for Application-Specific Technologies for 3D/4D Printing R&D (MASTER) MOOE	1,081,792.00		1,081,792.00		100,000.00			100,000.00		100,000.00			100,000.00	981,792.00		
Proj. 3. POSTE (Interconnected Poste Kits for Environmental Sensing) MOOE																
Key Technological Research of Philippines and China Based on Portable Hydrothermal Treatment of Municipal Solid Wastes (MSW); Agricultural Biomass Pretreated by Co-Hydrothermal Process MOOE	548,580.00		548,580.00											548,580.00		
Proj. 1. Influence of Surface and Subsurface Processes in Karst Degradation and Its Impacts on Sustainable Tourism MOOE	50,260.38		50,260.38		28,500.00			28,500.00		28,500.00			28,500.00	21,760.38		
Proj. 2. Integrated characterization, quantitative assessment, and statistical modelling for geologic hazards in karst landscapes in the Philippines: Input to management plans for sustainable tourism MOOE	40,511.33		40,511.33											40,511.33		
Establishment of Regional Yam Production and Innovation Center-Vindigan MOOE	300,000.00		300,000.00											300,000.00		
Proj. 1. Establishment of Halal Assurance (Management) System and Halal-compliant Standardized Process for Spa Suncare Products for Halal Tourism Industry" for funding in CY 2023 under the "DOST HALAL Halal Tourism Program; DOST HALAL Research Ecosystem for Development and Innovation (REDI) Program in Support I to the Philippine Tourism Industry MOOE	187,475.91		187,475.91		5,000.00			5,000.00		5,000.00			5,000.00	182,475.91		
Proj. 5. Development of Filter Media, eBC and VOC Sensors for Local Conditions" for funding in CY 2023 under the "Center for Air Research in Urban Environments MOOE	163,098.94		163,098.94		124,859.80			124,859.80		124,859.80			124,859.80	38,239.14		
Proj. 1: Towards Green Smart Cities: Connected Embedded Systems for Indoor and Outdoor Air Quality Monitoring" for funding in CY 2023 under the "Center for Air Research in Urban Environments MOOE	355,449.25		355,449.25		115,171.48			115,171.48		115,171.48			115,171.48	240,277.77		
Proj. 4. Indoor Air Quality Monitoring and Reporting System" for funding in CY 2023 under the "Center for Air Research in Urban Environments MOOE	109,797.84		109,797.84		109,797.84			109,797.84		109,797.84			109,797.84			

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															Due and Demandable	Not Yet Due and Demandable
Design Improvement of Existing Chain Link Fencing Machine to Produce Slope Protection Circular Wire Mesh", for funding in CY 2023 under the program, " Accelerated R&D Program for Capacity Building of Research and Development Institutions and Industrial Competitiveness. Collaborative Research and Development to Leverage Philippine Economy (CRADLE)																
MOOE	84,316.00		84,316.00											84,316.00		
Proj. 1. SoPIA: Software for Petrographic Image Analysis for Concrete Petrography", for funding in CY 2023 under the program "ISCoPe: Interdisciplinary Studies on Concrete Petrography Application on Resilience Building																
MOOE	187,068.00		187,068.00											187,068.00		
Proj. 2. DOST-ETCH: Enhanced Testing Capabilities of DOST Halal Verification Laboratories (HVLs) in Support to the Philippine Tourism Industry", under the DOST HALAL REDI Tourism Program: DOST HALAL Research Ecosystem for Development and Innovation (ReDi) Program in Support to the Philippine Tourism Industry																
MOOE	298,959.54		298,959.54		136,169.40			136,169.40		136,169.40			136,169.40	162,790.15		
Proj. 3. Development and Deployment of HALAL Tourism Training Module and HALAL Assurance Systems (HAS) in Secure HALAL Compliance of Tourism Establishment", under the DOST HALAL REDI Tourism Program: DOST HALAL Research Ecosystem for Development and Innovation (ReDi) Program in Support to the Philippine Tourism Industry																
MOOE	274,899.00		274,899.00		52,354.94			52,354.94		52,354.94			52,354.94	222,544.06		
Establishments of Metals and Engineering Innovation Centers in Region IV-A, IV-B, 5,6,7,9,11,12 and CARAGA																
MOOE	1,050,872.00		1,050,872.00											1,050,872.00		
Proj. 2. Effects of Extreme Weather Conditions on Coastal Concrete Structures in the Philippines: Determining Appropriate Concrete COVER" for funding in CY 2023 under the program, "ISCoPe: Interdisciplinary Studies on Concrete Petrography Application on Resilience Building																
MOOE	157,911.00		157,911.00											157,911.00		
Aligning the Capabilities of Metro Manila's Local Legal Metrology Authorities to ASEAN Guidelines for Non-Automatic Weighing Instruments (NAWI) and Fuel Dispensers																
MOOE	121,170.60		121,170.60											121,170.60		
Dam Risk Management Decision Support Tool Project (DARMA-Project)																
MOOE	325,751.40		325,751.40											325,751.40		
Luzon Arsenic SourceTracing and Extent Mapping with Risk Mitigation and Engineering Intervention (LASER)																
MOOE	610,193.70		610,193.70											610,193.70		

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															Due and Demandable	Not Yet Due and Demandable
Rainfall and Stormwater Runoff Management Technology for Tropical Catchment (Rains-TECH)* Charegaable against the CY 20223 continuing appropriations								-					-	538,430.31		
MOOE	538,430.31		538,430.31					-					-	538,430.31		
Test Application of Air Classification Technology for Plant Proteins, Starches and Fibers from Mung Beans as Food Ingredients								-					-			
MOOE	350,000.00		350,000.00					-					-	350,000.00		
Proj. 4: Stable Isotope and Multi-Elemental Profiling of Coffee and Cacao Beans in the Philippines by IRMS and XRF for Origin Identification* , for funding in CY 2023 under the Food Authenticity and Traceability Using Isotope Techniques Program								-					-			
MOOE																
Proj. 3: Tracing the Geographic Origin of Philippines Carabao Mango Through Chemelsotopic Fingerprinting* , for funding in CY 2023 under the Food Authenticity and Traceability Using Isotope Techniques Program								-					-			
MOOE	211,853.16		211,853.16		30,000.00			30,000.00		30,000.00			30,000.00	181,853.16		
Proj. 2: Adulteration Detection and Fingerprinting of Philippines Honey Using Stable Isotopes (Phase 2)* , for funding in CY 2023 under the Food Authenticity and Traceability Using Isotope Techniques Program								-					-			
MOOE	293,321.60		293,321.60											293,321.60		
Proj. 1: Complementing Conventional Techniques with Isotope Techniques with Isotone Techniques to Detect Inorganic Fertilizer Application and Haram Ingredients in Food Production* , for funding in CY 2023 under the Food Authenticity and Traceability Using Isotope Techniques Program								-					-			
MOOE	261,093.45		261,093.45											261,093.45		
Impact Assessment of PHIVOLCS and PAGASA Projects and Programs Implemented from 20210-2020								-					-			
MOOE	125,495.00		125,495.00											125,495.00		
Enhanced Research and Development Leadership to Foster an Inclusive Research Ecosystem (RDLEAD FIRE) CY 2023								-					-			
MOOE	788,608.00		788,608.00											788,608.00		
Establishment of Quantum Innovation Laboratory: Optimizing a DEcision Diagram-based Free and Open-Source Quantum Circuit Simulator for Benchmarking in an HPC Environment using Enrangement Random Circuits, and Quantum Algorithms Benchmark Datasets								-					-			
MOOE	353,060.69		353,060.69											353,060.69		
Proj. 1: Evolution of the Luzon Arc: From Igneous to Sedimentary Process, for funding in CY 2023 under the "DOST-MECO -TECO Joint Research Program (JRP)" Growth Island ARC (GAIA): Tectonic Consequences and Human Impacts								-					-			
MOOE	146,593.88		146,593.88											146,593.88		

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															Due and Demandable	Not Yet Due and Demandable
Sustainable Green Energy from Hydrogen Evolution Reaction via 2D Janus Nanosheet Electrocatalysts (SGEHER2DNANO): Density Functional Theory Calculations, for funding in CY 2023 under the "DOST-MECO-TECO Joint Research Program (JRP)"																
MOOE	62,458.08		62,458.08											62,458.08		
Project 1: Modeling Susceptibility and Generating Rainfall Induced Landslides, for funding in CY 2023 under the program, "MILAT BLISTT - MODELLING AND UNDERSTANDING LANDSLIDE EVENTS IN BLISTT (BAGUIO, LA TRINIDAD, ITGON, SARLAN, TUBA, TUBLAY)"																
MOOE	93,703.22		93,703.22		24,242.25			24,242.25		24,242.25			24,242.25	69,460.97		
Establishment of Mold Technology Support Center (MTSC)																
MOOE	39,820.79		39,820.79		39,820.79			39,820.79		39,820.79			39,820.79			
Philippine Science Centrum Travelling Exhibits: A Platform for Creating Science Interest Among Students in Selected Science Geographically Disadvantaged Areas (GIDA)																
MOOE	291,999.00		291,999.00		14,275.78			14,275.78		14,275.78			14,275.78	277,723.22		
Payment relative to the Hosting of the 2023 Asia Pacific Global Research Council Regional Meeting on 18 October 2023- 20 October 2023																
MOOE	500,000.00		500,000.00											500,000.00		
GRAND TOTAL	23,095,459.61	-	23,095,459.61	1,279,754.39	2,837,340.63	-	-	4,117,095.02	1,129,754.39	2,987,340.63	-	-	4,117,095.02	18,978,364.59	-	-
PS																
MOOE	23,095,459.61		23,095,459.61	1,279,754.39	2,837,340.63	-	-	4,117,095.02	1,129,754.39	2,987,340.63	-	-	4,117,095.02	18,978,364.59	-	-
EO																

Certified Correct:

Marissa G. Dalay
Chief Accountant

Date: July 20, 2023

Recommending Approval:

Ena R. Conde
Administrative Officer V, and
Officer in Charge, Finance and Administrative Division

Date: July 20, 2023

Approved by:

Engr. Nihalza H. Escorial
Deputy Executive Director

Date: July 20, 2023

COLLECTED
RECEIVED
JUL 26 2023
BY: MARY GRACE S. CALAMBA