

QUARTERLY PHYSICAL REPORT OF OPERATION  
as of 1st Quarter 2023

Department: DEPARTMENT OF SCIENCE AND TECHNOLOGY  
 Agency: INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE  
 Operating Unit: \_\_\_\_\_  
 Organization Code: 190050000000

- Current Year Appropriations
- Supplemental Appropriations
- Continuing Appropriations
- Off-Budget Account

Particulars	UACS CODE	Physical Targets					Physical Accomplishments		Variance as of Q1	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	Total		
1	2	3	4	5	6	7	8	12	13	14
<b>I. Industrial Technology R&amp;D Program Outcome Indicators</b> 1. Number of partnerships with public and private stakeholders and international organizations		5	3	4	3	15	8	8	+3	Q1 2023: 1. ALPHA DDSI (MOU for the Natural Fiber Reinforced Composite) 2. University of San Carlos ( Research Collaboration: NICER project) 3. DOST Regional Office 1 (R&D: UPEDS) 4. Kalakal Universal Ventures, Corp. (Contract R&D: Upscaling of the Developed Electric Plastic Densifier) 5. Coycoy's Lechon (R&D: Pilot Testing of the Developed Packaging Technology for Pork Lechon) 6. Daily Baker (R&D: Development of Brand Name and label Design for Unique Phil. Products) 7. BF Industries (R&D: Co-oduction of Activated Carbon and Bio-oil from Spent Coffee Grounds) 8. Universal Roblna Corp. (Technical Assistance: Pyrolysis of plastic wastes)
2. Amount of revenue generated from partnerships		25 M	75 M	40 M	10 M	150 M	44,942,934.32	44,942,934.32	+19,942,934.32	Received funds from DOST and attached agencies and other government agencies for the conduct of assisted projects.
<b>Output Indicators</b> 1. Number of projects completed		5	2	3	15	25	5	5	0	Q1 2023: 5 projects were completed: 1. Ultrasonic Assisted Extraction (UAE) and Microencapsulation of VCO: Phase 2: Validation of microencapsulation processes for VCO 2. Improvement of Exterior Features of Existing Horizontal Water Spray Retort with Timing Control System Upgrade 3. Development of Three (3) New RTE Disaster Relief Foods for Vulnerable Groups (elderly and children) 4. Development of Intelligent packaging colorimetric sensor as total volatile basic nitrogen (TVBN) indicator (Phase 2) 5. Development of Mini-Computer and Micro-Controller Based Programmable Logic Controller (PLC) Applications for a Selected MMIC Equipment and a CED Laboratory Equipment

Particulars	UACS CODE	Physical Targets					Physical Accomplishments		Variance as of Q1	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	Total		
1	2	3	4	5	6	7	8	12	13	14
2. Percentage of projects implemented within the approved timeframe		100%	100%	100%	100%	100%	100% 39/39	100%	0%	
3. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences, or with IP filed or approved		5%	5%	5%	5%	5%	4.35% (6/138)	4.35%	-0.65%	* 6 out of 138 completed GAA projects from the last 5 years (2018-2022) were published/ presented/ filed for IP in Q1 2023.
<b>II. Industrial Technology Transfer Program</b>										
<b>Outcome Indicators</b> 1. Percentage of clients that rate the technology transfer as satisfactory or better		90%	90%	90%	90%	90%	100% (1/1)	100% (1/1)	+10%	*1 out of the 5 clients returned the feedback form and rated technology transfer as satisfactory or better during Q1 2023.
<b>Output Indicators</b> 1. Number of knowledge/technologies diffused		15	20	25	20	80	17	17	+2	<b>Q1 2023: 17 knowledge/technologies were diffused through different online platforms and media:</b> 1. Mango Puree 2. Waste Analysis and Characterization Study (WACS) 3. Dual Drum Composter 4. Bioreactor 5. Styro-Plastic Densifier 6. Passion Fruit Juice 7. Passion Fruit Jam 8. Dishwashing Liquid Detergent 9. Salt Iodizing Machine 10. Acetator Kit 11. Calamansi Concentrate 12. Calamansi RTD 13. Emergency Food Reserve (EFR) - Sagip Nutriflour 14. Nata de Coco 15. Salt Iodization Processing 16. Liquid Hand Soap 17. Hand Sanitizer

Particulars	UACS CODE	Physical Targets					Physical Accomplishments		Variance as of Q1	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	Total		
1	2	3	4	5	6	7	8	12	13	14
2. Number of technologies transferred/commercialized through technology transfer agreement		1	1	2	1	5	18	18	+17	Q1 2023: 1. Power Back-up System (Grace Yu - UP Manila) 2. Pyrolysis Installation (Universal Robina Corp.) 3- 17. Isotonic Drink, Mungbean Coconut Milk Beverage, Ready-to-eat Beef-filled Suman, Ready-to-drink Rice Milk, High Dietary Fiber from Calamansi Wastes, Ready-to-drink Tablea, Ready-to-eat Sweet Potato, Ready-to-eat Cassava in Syrup, Ready-to-eat Chicken Egg, Ready-to, eat Smoked Fish Meal, Ready-to-eat Chicken Arroz Caldo, RTD Calamansi Juice, Mango Products Puree, Mango Products Dried, and Sagip Nutriflour (Swisspharma Research Laboratories, Inc.) 18. Manual on Thermal Processing with Copyright (LLQC Food Industries Inc. and Agricola Di Organico)
3. Percentage of request for technology transfer that have been provided within the required time frame		95%	95%	95%	95%	95%	100% (18/18)	100%	+5%	*18 out of 18 requests for technology transfer were provided within the required time frame during Q1 2023
<b>III Industrial Technology Technical Services Program</b> <b>Outcome Indicators</b> 1. Percentage of customers that rate the technical services as satisfactory or better		90%	90%	90%	90%	90%	99.89% (5,243/5,249)	99.89%	+9.89%	*5,243 out of 5,249 clients rated the technical services as satisfactory or better during Q1 2023
<b>Output Indicators</b> 1. Number of technical services rendered		5,000	7,000	6,000	5,000	23,000	5,249	5,249	+249	

Particulars	UACS CODE	Physical Targets					Physical Accomplishments		Variance as of Q1	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	Total		
1	2	3	4	5	6	7	8	12	13	14
2. Percentage of request for technical services that have been provided within the required time frame		90%	90%	90%	90%	90%	99.96% (5,247/5,249)	99.96% (5,247/5,249)	+9.96%	*5,247 out of 5,249 of technical services were provided within the required timeframe
3. Number of clients benefitting from technical services		1,000	1,000	1,000	1000	4,000	1,395	1,395	+395	

Prepared By:

Dr. ZORAYDA V. ANG

Deputy Director for ATS and  
OIC, PMISD

In coordination with:

DR. JANET F. QUIZON

Chief, FMD

Approved by:

Dr. ANNABELLE V. BRIONES

Director, ITDI