

**QUARTERLY PHYSICAL REPORT OF OPERATION**  
**As of December 31, 2023**

**Department** : Department of Science and Technology (DOST)  
**Agency/Entity** : Advanced Science and Technology Institute  
**Operating Unit** : < not applicable >  
**Organization Code (UACS)** : 19 002 0000000

Particulars	UACS CODE	Physical Target (Budget Year)					Physical Accomplishment (Budget Year)					Variance as of December 31, 2023	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>ADVANCED SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT PROGRAM</b>	3101000000000000												
OO : Increased benefits to Filipinos from scientific knowledge and technologies in ICT and Microelectronics													
Outcome Indicators													
1. Number of partnerships with public and private stakeholders and international organizations		7	-	-	-	7	2	1	3	2	8	1	The ongoing partnership with PCIEERD resulted to additional funding for ALAM and ROAMER Projects.
2. Amount of revenue generated from partnerships		28,000,000	16,000,000	49,000,000	27,000,000	Php 120,000,000	5,848,402	22,554,130	182,571,529	43,815,020	254,789,082	134,789,082	Additional funding was generated for ALAM and ROAMER Projects to accommodate new activities and outputs that are crucial to the attainment of the overall goals of the Philippine Sky Artificial Intelligence (Sky-Pinas) Program and the Autonomous Societally Inspired Mission Oriented Vehicle (ASIMOV) Program. Unreleased funds for SARWAIS Project was also received.
Output Indicators													
1. Number of projects completed			1		3	4	1	1	-	3	5	1	Five (5) projects namely, ULAT, KOOHA, HRIS, AW4RDIS, and NetMesh were completed. The excess in performance for this indicator was attributed to the extension of ULAT until Mar. 2023.
2. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences, or with IP filed or approved		33% (2/6) 2 projs.	50% (3/6) 1 proj.	70% (4/6) 1 proj.	100% (6/6) 2 projs.	100%	33% (2/6)	100% (6/6)	133% (8/6)	217% (13/6)	217%	117%	The increase in performance was due to additional IPs generated and IP applications filed under SARWAIS, Quantum Lab, EPDC, HRIS, and MASID projects which were not included in the original target.

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3. Percentage of projects implemented within approved timeframe		100%	100%	100%	100%	100%	96% (22/23)	96% (23/24)	88% (21/24)	76% (19/25)	76%	(24%)	Six (6) projects namely, EPIIC, arQ v.2, iTANONG, SAGAP Phase 2, REIINN-NCR, and INNOVATE were reported as delayed among the 25 projects implemented. The delay was due to: 1) procurement concerns such as shift/delay in the delivery schedule caused by the global chip/semiconductor shortage, (2) conduct of additional improvements to product design, 3) acquisition of standard product certifications particularly on the availability of facilities for testing activities, 4) cancellation of training on Metalworks, and (5) travel restrictions during the campaign/election period.
<b>ADVANCED SCIENCE AND TECHNOLOGY TRANSFER PROGRAM</b>	310200000000000												
OO : Increased benefits to Filipinos from scientific knowledge and technologies in ICT and Microelectronics													
Outcome Indicators													
1. Amount of revenue generated from technology transfer and technical assistance		1,000,000	2,000,000	4,000,000	6,000,000	Php 13,000,000	4,149,622	5,275,433	6,490,910	3,949,267	19,865,231	6,865,232	Due to the continuous promotional activities and active diffusion of ASTI technologies and services, the revenue collected from PREGINET and EPDC services including royalties received from licensing agreements have exceeded the target.
2. Percentage of clients who rate the quality of technical assistance provided as satisfactory or better		97%	97%	97%	97%	97%	99% (215/217)	98% (159/162)	100% (156/156)	100% (247/247)	99% (777/782)	2%	All client-respondents of the customer satisfaction survey had rated the agency's services as satisfactory, very satisfactory, or excellent. ASTI will continuously ensure 100% compliance with the clients' requirements and provide quality service.

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Output Indicators													
1. Number of knowledge/technologies diffused		2	3	3	5	13	16	2	2	1	21	8	ASTI has been continuously active in conducting promotional and diffusion activities of the latest technologies it developed for possible adoption and commercialization.
2. Number of technologies transferred/commercialized through technology transfer agreement		-	1	1	1	3	3	-	-	-	3	-	
3. Percentage of request for technical assistance that have been provided within the required timeframe		100%	100%	100%	100%	100%	100% (855/855)	100% (620/620)	99% (643/650)	99.8% (497/498)	99.7% (2,615/2,623)	(0.3%)	Majority of ASTI's services provided to the clients were rendered on time following the procedures in the agency's Citizen's Charter and in consideration of the delivery period agreed upon by the implementing team and clients.

Prepared By:

**NARCISA JUVILYN C. CASTAÑEDA**  
 Planning Officer  
 Date: 26-Jan-24

In coordination with:

**JAYSON C. HERNANDEZ**  
 Budget Officer  
 Date: 26-Jan-24

Approved By:

**FRANZ A. DE LEON, PH.D.**  
 Head of Agency  
 Date: 26-Jan-24