

QUARTERLY PHYSICAL REPORT OF OPERATION


As of December 31, 2022

Department : Department of Science and Technology (DOST)
 Agency : Philippine Nuclear Research Institute
 Operating Unit : < not applicable >
 Organization Code (UACS) : 19 015 0000000


Particulars	UACS CODE	Physical Target (Budget Year)					Physical Accomplishment (Budget Year)					Variance as of 12/31/2022	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
NUCLEAR RESEARCH AND DEVELOPMENT PROGRAM													
OO : Increased benefits to Filipinos from science-based R&D know-how and tools in cutting-edge nuclear and radiation technologies													
Outcome Indicators													
1. Number of partnerships with public and private stakeholders and international organizations		15	15	15	15	15	16	19	19	19	19	4	As of 31 December 2022, 4 new partnerships were firm up: Isabela State University, Medical Physics and Health Physics Services, Inc. DTI-STMO, and De La Salle Medical and Health Sciences Institute
2. Amount of revenue generated from partnerships		5,000,000	12,000,000	12,000,000	10,000,000	Php 39,000,000	10,274,804.00	49,274,335.00	59,431,083.00	60,404,886.00	60,404,886.00	21,404,886.00	As of 31 December 2022, after pandemic restrictions have been lifted, the flow of revenue from new and ongoing partnerships has overreached the target to proceed with nuclear R&D work
Output Indicators													
1. Percentage of technologies transferred within the expected timeframe					100%	100%				1 / 1 = 100.00%	100.00%	0.00%	
2. Percentage of projects implemented within the approved timeframe		100%	100%	100%	100%	100%	30 / 30 = 100.00%	30 / 30 = 100.00%	30 / 30 = 100.00%	30 / 30 = 100.00%	100.00%	0.00%	
3. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences, and/or IP filed or approved					100%	100%				3 / 3 = 100.00%	100.00%	0.00%	
NUCLEAR SCIENCE AND TECHNOLOGY SERVICES AND ADVISORY PROGRAM													
OO : Increased benefits to Filipinos from science-based R&D know-how and tools in cutting-edge nuclear and radiation technologies													
Outcome Indicators:													
1. Percentage of clients that rate the technology transfer as satisfactory or better		99%	99%	99%	99%	99%	6 / 6 = 100.00%	17 / 17 = 100.00%	27 / 27 = 100.00%	31 / 31 = 100.00%	100%	1.00%	As of 31 December 2022, all clients rated the technology transfer as satisfactory or better
2. Percentage of clients who rate the technical services as satisfactory or better		97%	97%	97%	97%	97%	153 / 153 = 100.00%	523 / 523 = 100.00%	768 / 768 = 100.00%	1,222 / 1,222 = 100.00%	100%	3.00%	As of 31 December 2022, all clients rated the technical services as satisfactory or better, despite receiving one complaint which was immediately addressed
Output Indicators													
1. Number of knowledge/technologies diffused		1	4	8	6	19	3	8	22	23	23	4	As of 31 December 2022, all technologies diffused according to schedule, with the addition of new requests from interested parties which helped surpass the target
2. Number of technologies transferred/commercialized through technology transfer agreement		-	-	-	1	1				1	1	0	
3. Number of technical services rendered by sector		14,730	14,730	14,730	14,730	58,920	17,487	32,374	42,216	65,632	65,632	6,712	As of 31 December 2022, gamma irradiation service remains unavailable due to shutdown of facility in preparation for upgrading, but with the lifting of pandemic restrictions, clients have returned for the delivery of PNRI technical services
NUCLEAR REGULATIONS, SECURITY AND SAFEGUARDS PROGRAM													
OO : Increased benefits to Filipinos from safe and secure utilization of nuclear and radiation technologies and materials													
Outcome Indicators													
1. Percentage benefit incidence of satisfactory implementation of safeguards agreement and physical security system		100%	100%	100%	100%	100%	3 / 3 = 100.00%	15 / 15 = 100.00%	17 / 17 = 100.00%	17 / 17 = 100.00%	100.00%	0.00%	
2. Percentage benefit incidence of satisfactory regulatory issuances		100%	100%	100%	100%	100%	1 / 1 = 100.00%	88 / 88 = 100.00%	95 / 95 = 100.00%	95 / 95 = 100.00%	100.00%	0.00%	
3. Percentage of compliance to regulatory		90%	90%	90%	90%	90%	(451 - 20) / 451 = 95.57%	(453 - 28) / 453 = 93.82%	(441 - 30) / 441 = 93.20%	(439 - 30) / 439 = 93.17%	93.17%	3.17%	As of 31 December 2022, detected no more than 30 violations from among 439 licenses, surpassing the target by a small

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1	2	3	4	5	6	7	8	9	10	11	12	13	14
standards													margin
Output Indicators													
1. Number of regulations, guides, notices, bulletins or associated documents issued		-	2	2	2	6	5	7	9	9	9	3	As of 31 December 2022, prompt response from reviewers on the drafting of regulatory issuances helped facilitate the process to surpass the target
2. Number of violation of regulations detected over the last five (5) years as a percentage of the average number of licenses and permits issued over the last five (5) years		15%	15%	15%	15%	15%	5 / 263 = 1.90%	7 / 263 = 2.66%	21 / 263 = 7.99%	24 / 263 = 9.13%	9.13%	5.87%	The percentage of violations is targetted to be equal to or LOWER than the target as a measure of the effectiveness of nuclear regulatory inspection and enforcement.
3. Number of nuclear security/safeguards and regulatory activities implemented		2	2	3	2	9	2	6	8	9	9	0	

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