

PROJECT PROGRESS ASSESSMENT REPORT (PPAR)

Regional Projects

		Explanations
SECTION-1: BASIC INFORMATION		
Project Number and Title	RAS6097, Enhancing Capacity and Capability for the Production of Cyclotron-Based Radiopharmaceuticals	<i>(prefilled)</i>
List of Participating Countries	21 MSs; Australia, Bangladesh, Cambodia, China, Fiji, India, Indonesia, Japan, Laos, Malaysia, Mongolia, Myanmar, Nepal, Pakistan, Palau, Philippines, Republic of Korea, Singapore, Sri Lanka, Thailand, Vietnam	
Report Compiled by	<input type="checkbox"/> DTM ¹ <input checked="" type="checkbox"/> LCC ² <input type="checkbox"/> LPC ³ <input type="checkbox"/> PC ⁴ <input type="checkbox"/> PSC ⁵ Name Byung-Il KIM Institution Korea Institute of Radiological & Medical Sciences	
1st Year of Approval	2020	
Estimated Duration	2020-2023	
Expected End Date	December 2023	
Total Project Budget <i>(as per IAEA White Book)</i>	EUR 445200	
Reporting Period	January – December 2020	<i>Specify reporting period: months and year</i>
Report Contributors		<i>Other contributors to the report besides counterpart</i>
Has there been any major change that affected the project?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, tick to specify nature of change(s): <input type="checkbox"/> DTM <input type="checkbox"/> LCC <input type="checkbox"/> LPC <input type="checkbox"/> PC <input type="checkbox"/> PSC <input type="checkbox"/> CP ⁶ <input type="checkbox"/> NLO ⁷ <input type="checkbox"/> PMO ⁸ <input type="checkbox"/> TO ⁹ <input type="checkbox"/> Budget/funding; <input type="checkbox"/> Other (<i>specify</i>) [Provide explanation].....	<i>Select "Yes" or "No" and, if "Yes", please tick relevant box(es) and describe nature of impact</i>
SECTION-2: OUTPUTS ACHIEVEMENT		
<i>Select status of Output and briefly describe elements of progress towards target indicators: (1st column prefilled)</i>		
Output 1: Project successfully implemented... Indicator(s): Project completed on schedule and on budget...	<input type="checkbox"/> Completed <input type="checkbox"/> On schedule <input type="checkbox"/> Delayed <input checked="" type="checkbox"/> Other (<i>specify</i>) [Provide explanation]..... The First Coordination Meeting was held according to the work plan. But due to COVID-19, a EM originally held on Q2 2020 was delayed to 2021.	<i>Select status and provide explanation/ supporting background information (e.g., Why is the output delayed? What mitigation measures have been taken to solve the issue?)</i>
Output 2: Establishment of core group of trained personnel for the production of cyclotron-based radiopharmaceuticals Indicator(s): 86 train-the-trainers from 4 RTCs by 4Q2023 / 206 trainees trained at national training activities by 4Q2023	<input type="checkbox"/> Completed <input type="checkbox"/> On schedule <input checked="" type="checkbox"/> Delayed <input type="checkbox"/> Other (<i>specify</i>) [Provide explanation]..... Due to COVID-19, RTCs, EMs and national activities are delayed to 2021.	
Output 3: New capabilities for the production of	<input type="checkbox"/> Completed <input type="checkbox"/> On schedule <input checked="" type="checkbox"/> Delayed <input type="checkbox"/> Other (<i>specify</i>) [Provide explanation] Due to COVID-19, RTCs, EMs and national activities are delayed to 2021.	
		<i>Insert additional rows if more than 4 outputs</i>

cyclotron-based radiopharmaceuticals Indicator(s): Production of new radiopharmaceuticals in at least 4 member states by 4Q2023		
SECTION-3: EQUIPMENT & HUMAN RESOURCES		
<i>Based on TC Input categories, rate overall contribution towards achievement of project Outputs of Procurement and Human Resources capacity building Activities implemented thus far</i>		
Equipment (EQ)/ Sub-Contract (SC)	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Very Good <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor [Provide explanation].....	
Expert Missions (EM)	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Very Good <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor [Provide explanation].....	
Fellowships (FE)	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Very Good <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor [Provide explanation].....	
Scientific Visits (SV)	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Very Good <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor [Provide explanation].....	
Training Courses (TC)	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Very Good <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor [Provide explanation].....	
Meetings (MT)/ Workshops (WS)	<input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Very Good <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor [Provide explanation]..... The first coordination meeting was held virtually from 10–11 Sep. 2020. There were 19 participants from Australia, Bangladesh, Cambodia, China, Indonesia, Japan, Malaysia, Mongolia, Myanmar, Nepal, Pakistan, Philippines, Republic of Korea, Singapore, Sri Lanka, Thailand, Vietnam and IAEA. Four RTCs will be organized to establish train–the–trainer capacity for the ongoing training needs of the participating Government Parties (GPs) related to cyclotron-produced radiopharmaceuticals for medical imaging and treatment for the benefit of groups, including managers, radiochemists, and radiopharmacists. This will be implemented through follow–on national training events. One basic level regional training course will be assigned for exclusive participation of the seven basic level groups of GPs. This is required to bring them up to the necessary standard so that they can benefit from and participate in the subsequent intermediate level regional training courses that are set down in the programme. Expert missions are planned to support requests from GPs on various aspects of the production of new radiopharmaceuticals and the establishment of cyclotron facilities.	Select overall rating and provide explanation/ supporting background information deemed relevant to support rating <i>(E.g., Is the procured EQ on schedule as regards delivery/ custom clearance/ installation-commissioning/ utilization? If not, what is being done to overcome difficulties?</i> <i>How did/ will the training received through FEs/ SVs support the establishment of new services? Are the trainees still employed?</i> <i>How did/ will the technical guidance received during/after EMs help improve capabilities of the Counterpart Institute?</i> <i>Was/will the knowledge and experience gained by TC/ WS participants shared/ be shared among colleagues to enhance institutional performance? How was/ will this done/ be done?)</i>
SECTION-4: COMMENT AND RECOMMENDATIONS BY DTM/ LC/ LPC/ PC/ PSC		
Rating by DTM/ LC/ LPC/ PC/ PSC	Your project performance: <input checked="" type="checkbox"/> Very Good <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Very Poor [Provide explanation]..... Participants of the meeting demonstrated a high interest in the project and they agreed to cooperate with each others.	Select rating based on experience thus far and provide explanation/ supporting background information deemed relevant to support rating
	The support received from the Agency: <input checked="" type="checkbox"/> Very Good <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Very Poor [Provide explanation] Technical support was helpful and proper assistance was provided for the First Coordination Meeting.	

Lessons learned	Due to COVID-19, a virtual training is a possible option.	<i>Highlight key factors of success / failure that can promote/ hinder the achievement of project outputs and may impact TC Programme delivery</i>
Recommendation(s) by DTM/ LC/ LPC/ PC/ PSC to:	<input checked="" type="checkbox"/> PMO To continue adequate administrative support <input checked="" type="checkbox"/> TO To continue to ensure adequate and timely technical support to the project <input checked="" type="checkbox"/> Government(s) To provide adequate administrative and financial support for the successful implementation of the project <input type="checkbox"/> CP Management <input type="checkbox"/> Other (specify)	<i>Select addressee and provide recommendation(s) to be addressed</i>
SECTION-5: OUTCOME PROGRESS: (1st column prefilled)		
Outcome Statement Strengthened human capacity and capability to produce qualified cyclotron based radiopharmaceuticals Outcome Indicator(s) National capacity in human resources established to support GPs' capacity and capability for the training and qualification of in cyclotron produced radiopharmaceuticals / Newly introduced cyclotron-based radiopharmaceuticals utilization in 17 GPs	<input type="checkbox"/> Achieved <input type="checkbox"/> To be achieved as planned (on schedule) <input checked="" type="checkbox"/> Delayed <input type="checkbox"/> Other (<i>specify</i>) [Provide explanation]..... The original workplan was delayed due to COVID-19, but during the first coordination meeting, the workplan was revised and all the events are expected to be completed within the project period after all.	<i>Select status and provide explanation/ supporting background information (e.g., based on the outcome indicator and its target value, to what extent the outcome is being achieved? Is there any deviation from expectations? Why?)</i>

SECTION-6: SUBMISSION BY DTM/ LC/ LPC/ PC/ PSC		
Submission by DTM/ LC/ LPC/ PC/ PSC	Date: 20 Jan. 2020	<i>Day, Month and Year</i>
	Remarks: LCC The project activities are being implemented as planned.	<i>Provide any additional remark deemed relevant</i>
SECTION-7: FEEDBACK BY IAEA ON THE REPORT		
Comments by TO(s)	<input type="checkbox"/> Very Good <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Very Poor [Provide explanation].....	<i>Rating and feedback from TO(s) on the report</i>
Comments by PMO	<input type="checkbox"/> Very Good <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Very Poor [Provide explanation].....	<i>Rating and feedback from PMO(s) on the report</i>

¹DTM: Designated Team Member

³LPC: Lead Project Coordinator

⁵PSC: Project Scientific Consultant

⁷NLO: National Liaison Officer

⁹TO: Technical Officer

²LCC: Lead Country Coordinator

⁴PC: Project Coordinator

⁶CP: Counterpart

⁸PMO: Programme Management Officer

The Workplan of RAS6097 in 2021

No.	Title of Event	Date	Objective/Purpose	Remarks
1	RTC on Set-up cyclotron facility for radiopharmaceutical(RP) production	2Q 2021	<p><u>Objective:</u> To provide the information on set-up cyclotron facility for radiopharmaceutical(RP) production</p> <p><u>Target participants:</u> National team member in each countries</p> <p><u>Estimated number:</u> 40</p> <p><u>Host country :</u> ROK</p>	<p>- Virtual Meeting</p> <p>- 5 working days</p>
2	RTC on GMP and radiation safety for cyclotron-based RPs	4Q2021	<p><u>Objective:</u> To provide the information GMP and radiation safety for cyclotron-based RPs</p> <p><u>Target participants:</u> National team member in each countries</p> <p><u>Estimated number:</u> 40</p> <p><u>Host country :</u> JPN</p>	<p>- Virtual Meeting</p> <p>- 5 working days</p>
3	Expert Mission on 18F-NaF Production	4Q2021	<p><u>Objective:</u> To provide the latest knowledge about 18F-NaF production to Mongolia</p> <p><u>Target participants:</u> Experts on 18F-NaF production in Mongolia</p>	<p>- Virtual Meeting</p> <p>- 3 working days</p>
4	Expert Mission on 18F-FLT	2Q2021	<p><u>Objective:</u> To provide the latest knowledge about 18F-FLT to MYA</p> <p><u>Target participants:</u> Experts on 18F-FLT in Myanmar</p>	<p>- Virtual Meeting</p> <p>- 3 working days</p>