

PROJECT PROGRESS ASSESSMENT REPORT (PPAR)

Regional Projects

		Explanations
SECTION-1: BASIC INFORMATION		
Project Number and Title	RAS/5/087 Promoting Food Irradiation by Electron Beam and X Ray Technology to Enhance Food Safety, Security and Trade	(prefilled)
List of Participating Countries	Australia, Bangladesh, China, Fiji, India, Indonesia, Japan, Malaysia, Mongolia, Myanmar, Nepal, New Zealand, Pakistan, 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: Tran Minh Quynh Institution: Vietnam Atomic Energy Institute	
1st Year of Approval	2020	
Estimated Duration	2020-2023 (4 years)	
Expected End Date	31/12/2023	
Total Project Budget (as per IAEA White Book)	EUR 300,300	
Reporting Period	January – December 2020	Specify reporting period: months and year
Report Contributors	NPCs	Other contributors to the report besides counterpart
Has there been any major change that affected the project?	<input checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Other (specify) [Provide explanation] The first coordination meeting arranged in Hanoi, 9-13 March 2020 have to cancel and replace by the virtual first meeting on 3-4 September 2020.	Select "Yes" or "No" and, if "Yes", please tick relevant box(es) and describe nature of impact
SECTION-2: OUTPUTS ACHIEVEMENT		
Select status of Output and briefly describe elements of progress towards target indicators: (1 st column prefilled)		
Output 1: Project initiation completed and national project plans generated. Indicator(s): Work plan reviewed and adopted	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> On schedule <input type="checkbox"/> Delayed <input type="checkbox"/> Other (specify) [Provide explanation]..... Though delay due to COVID-19, all GPs except China approved their own national work plans and discussed in the first virtual meeting	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?)
Output 2: A comparative analysis of different radiation modalities completed and solutions to key technical barriers to the establishment of EB/X ray facilities. Indicator(s): a) analysis of different radiation to all GP; b) RTC on future EB/X-ray technology; c) Recommendations to harmonize food regulation based on maximum energy of X-	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> On schedule <input type="checkbox"/> Delayed <input type="checkbox"/> Other (specify) [Provide explanation] A comparative analysis of differences among food irradiators (gamma, EB, and X-ray facilities) has been prepared and circulated to all participating members during the first virtual meeting. - A draft "Harmonization of regulations on the permitted maximum energy of X-rays used to process food is 7.5 MeV" was prepared and circulated for feedback.	

rays for FI to be 7.5 MeV; d) Directory of XEB/X-ray suppliers		
Output 3: An inter-comparison exercise in dosimetry Indicator(s): The exercise for irradiated food completed and assessed	<input type="checkbox"/> Completed <input type="checkbox"/> On schedule <input type="checkbox"/> Delayed <input checked="" type="checkbox"/> Other (specify) [Provide explanation]..... Modified due to COVID-19 pandemic. E-learning on radiation quarantine of fresh fruits and dosimetry systems will be prepared and shared by resource countries	
Output 4: Food industry engaged by setting up national and regional fora for the food trade that use updated resource materials and identify industry needs. Indicator(s): Two regional workshops held with food trade representatives in year 2 and year 3. National fora completed New EB/X-ray facilities are installed and/or operated for food irradiation.	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> On schedule <input type="checkbox"/> Delayed <input type="checkbox"/> Other (specify) [Provide explanation]..... RTCs, national fora are delayed to 2022 due to COVID	
Output 5: A resource document providing an overview of EB and X ray food irradiation technology for the food industry submitted as an IAEA publication. Indicator(s): Document endorsed at final project meeting and forwarded to IAEA publications section	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> On schedule <input type="checkbox"/> Delayed <input type="checkbox"/> Other (specify) [Provide explanation].....	
Insert additional rows if more than 4 outputs		

SECTION-3: EQUIPMENT & HUMAN RESOURCES

Based on TC Input categories, rate overall contribution towards achievement of project Outputs of Procurement and Human Resources capacity building Activities implemented thus far		
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].....	Select overall rating and provide explanation/ supporting background information deemed relevant to support rating (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? How did/ will the training received through FEs/ SVs support the establishment of new services? Are the trainees still employed? How did/ will the technical guidance received during/after EMs help improve capabilities of the Counterpart Institute? 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?)
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 type="checkbox"/> Very Good <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor [Provide explanation] The virtual first meeting had not enough time for discussion and most participants could not showed their active and responsibilities.	

SECTION-4: COMMENT AND RECOMMENDATIONS BY DTM/ LC/ LPC/ PC/ PSC		
Rating by DTM/ LC/ LPC/ PC/ PSC	Your project performance: <input type="checkbox"/> Very Good <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Very Poor [Provide explanation].....	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 type="checkbox"/> Very Good <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Very Poor [Provide explanation] Agency facilitate to project team members	
Lessons learned	Management and performance the projects under unpredictable, serve conditions. Only virtual events can be held during pandemic.	Highlight key factors of success / failure that can promote/ hinder the achievement of project outputs and may impact TC Programme delivery
Recommendation(s) by DTM/ LC/ LPC/ PC/ PSC to:	<input checked="" type="checkbox"/> PMO: Share the experiences and further support for the host countries to conduct regional events as smoothly as possible <input type="checkbox"/> TO Provide all necessary support for PCs <input type="checkbox"/> Government(s) Further support for NPT to induce the committed activities and achieve the project objectives; Provide adequate administrative and financial support for the successful implementation of the project <input type="checkbox"/> CP Management <input type="checkbox"/> Other (specify)	Select addressee and provide recommendation(s) to be addressed
SECTION-5: OUTCOME PROGRESS: (1 st column prefilled)		
Outcome Statement ... Outcome Indicator(s) ...	<input type="checkbox"/> Achieved <input checked="" type="checkbox"/> To be achieved as planned (on schedule) <input type="checkbox"/> Delayed <input type="checkbox"/> Other (specify) [Provide explanation].....	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?)

SECTION-6: SUBMISSION BY DTM/ LC/ LPC/ PC/ PSC		
Submission by LCC	Date: 18 January 2021	Day, Month and Year
	Remarks: LCC The project activities are being implemented as planned	Provide any additional remark deemed relevant
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].....	Rating and feedback from TO(s) on the report
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].....	Rating and feedback from PMO(s) on the report

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 RAS5087 in 2021

No.	Title of Event	Date	Objective/purpose	Remarks
1	RTC on EB, X-ray Technology and Future of Food Irradiation	July 2021	<p><u>Objective:</u> To provide knowledge on the EB/X-ray technology, international regulations and practices of food irradiation using machine for RCA region</p> <p><u>Target participants:</u> (Junior members of national project team; food industries)</p> <p><u>Estimated number:</u> 30 domestic and 30 abroad participants</p> <p>Host country: Vietnam</p>	<p>Face-to-face for home participants and virtual for others from all GPs</p> <p>~ 5-7 lecturers 4 working days</p>
2	Home-based assignment (HBA) to develop E-learning materials on dose mapping for the EB radiation phytosanitary of fresh fruits	July to October 2021	Vietnam (Vinagamma) or Australia (Steritech)	~ 15-20 working days
3	Home-based assignment (HBA) to develop E-learning materials on harmonization of regulations on X-ray for food irradiation	August to November 2021	N/A	~ 15-20 working days
4	Procurement: ESR Spectrometer Mini Scope MS 5000 (<i>Alanine/EPR Dosimetry system to measure absorbed doses ranging from 10 Gy to 80 kGy</i>)	...	Calibration the dosimetry systems for food irradiation	