



Updated Report of the Feasibility Study for RCA Scholarship Programme

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Introduction and Background

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Conclusion and Remarks

1. Introduction of RCA SPS



The 44th Regional Meeting of National Representatives was held on 19-21 April 2022, via video conferencing.

The Meeting requested the Committee to submit a report on the feasibility study to the 51st GCM for consideration and decision.

1. Background of FS



- The 44th RCA NR Meeting, all GPs noted on the benefits that the programme could bring to the region in strengthening HRD of nuclear science and technology and related nuclear applications.
- The **Feasibility Study (FS)** is **carried out and coordinated** by the RCA Scholarship Committee chaired by Viet Nam, with the constant support from the experts from the IAEA

2. Contents of Feasibility Study



Part 1: Executive summary

-> summarize the main content in FS report

Part 2: Feasibility study report

**V21, 4th Meeting of RCA SPS
and NRs circulated on 1 Sep.**

Version 26

1. Introduction
2. Objectives of FS report
3. Rationale of HRD in RCA Region
4. Proposed RCA Scholarship Programme
5. Implementation arrangement
6. Risks analysis
7. Conclusions and remarks 5



Update the FS
from the comments
and recommendations

1. Introduction
2. Rationale of HRD in RCA Region
3. Proposed RCA Scholarship Programme
4. Risks analysis

2. Contents of Feasibility Study



Part 1: Executive summary

-> summarize the main content in FS report

Part 2: Feasibility study report (Version 26)

1. Introduction

2. Objectives of FS report

3. Rationale of HRD in RCA Region

4. Proposed RCA Scholarship Programme

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2. Contents of Feasibility Study



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The objectives of the FS are to:

- 1) Determine the **rationale** of RCA Scholarship programme in RCA GPs;
- 2) Determine the **financial resources** required to meet these needs under possible scenarios
- 3) Identify the availability and sources of required **financial resources**.

2. Contents of Feasibility Study



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Proposed RCA Scholarship Programme (pilot phase-3 years)

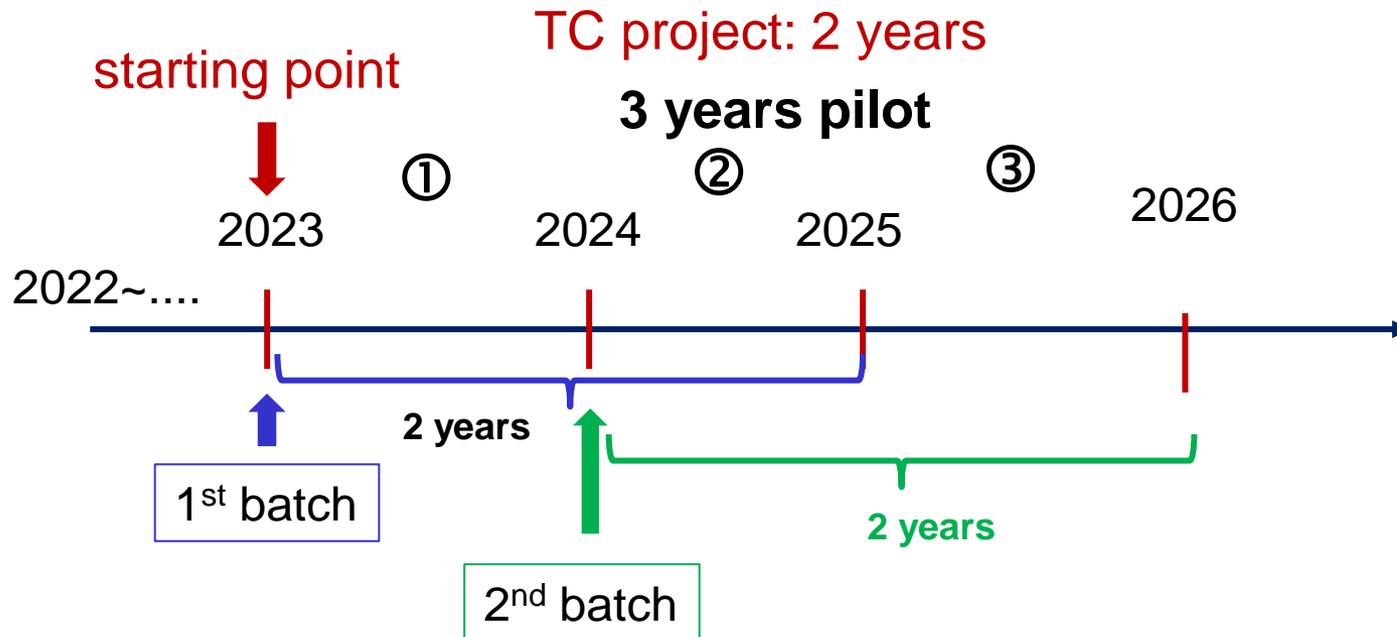
- Develop programme from the small to bigger scale
- Focus on Master's Programme first
- Focus on the “**Domestic/National Training**” first for developing and least-developed countries
- After reviewing, this RCA Scholarship could expand for bigger scale

2. Outline of Feasibility Study



3.1. Resource mobilization and financial plan

- For the pilot phase (3 years), RCA Scholarship will be should be envisaged to combine TCF, up to 80% and 20 % from the RCA GPs by in-kind contribution (Classroom, research equipment, lecturer)
- Developing a HRD TC Project for the management and implementation of the RCA SPS (**consideration in 2023**)



2. Contents of Feasibility Study



- **Group 1: 6 countries with well-developed postgraduate programmes:** Japan, Republic of Korea, China, Australia, New Zealand and Singapore.
- **Group 2: 10 countries with developed postgraduate programmes:** Thailand, Viet Nam, Indonesia, Malaysia, Philippines, Bangladesh, Pakistan, Sri Lanka, Mongolia and India.
- **Group 3: 6 countries in the process of developing postgraduate programmes:** Laos, Cambodia, Fiji, Palau, Nepal and Myanmar.

Scenario 1: The RCA Scholarship Programme will be implemented for all countries with domestic training approach (average 6 awards/year/GP). In the first year, **115** awards will be given.

Engaging the participation of all GPs.

The estimated total investment cost of the RCA Scholarship: **3,250,378 US\$**

Source	Amount	Share of total (%)
IAEA	2,600,302 US\$	80%
GPs	650,075 US\$	20%

However, High investment rate

2. Contents of Feasibility Study



Scenario 2: GPs will be divided into **2 groups**:

Group 1 is the resource group with the countries which have well-developed postgraduate programmes (**6 countries**).

Group 2 is the **developing and least-developed countries** (**16 countries**).



- Help to **narrow the gap** of human resource between these countries and developed countries while **optimizing the mobilized resource**.
- Make a **greater impact** for developing and least-developed countries

Education supports are needed

2. Contents of Feasibility Study



Proposal of education supports:

- ⇒ Thailand support Philippine and Myanmar
- ⇒ Vietnam will support Laos, Cambodia
- ⇒ Australia and New Zealand will support Fiji
- ⇒ Indonesia will support Palau
- ⇒ India will support Nepal

Scenario 2: The estimated total investment cost of the RCA Scholarship:
1,606,666 US\$

84 awards from the developing countries and least-countries

Still High investment rate

Source	Amount	Share of total (%)
IAEA	1,285,333 US\$	80%
GPs	321,333 US\$	20%

2. Contents of Feasibility Study



Scenario 3: GPs will be divided into 2 groups: **Group 1** is the resource group with the country which has well-developed postgraduate programmes (6 countries).

Group 2 is the target countries and least-developed countries. The estimated total investment cost of the RCA Scholarship: **881,714US\$**

Reduce 42 awards from the developing countries and least-developed countries

⇒ Thailand support Philippine and Myanmar

⇒ Vietnam will support Laos, Cambodia

⇒ Australia and New Zealand will support Fiji

⇒ Indonesia will support Palau

⇒ India will support Nepal

Source	Amount	Share of total (%)
IAEA	705,371 US\$	80%
GPs	176,342 US\$	20%

2. Contents of Feasibility Study



In summary:

No	No of Award	Total cost	Share of total (%)	
			IAEA 80%	GPs 20%
Scenario 1	115	3,250,378 US\$	2,600,302 US\$	650,075 US\$
Scenario 2	84	1,606,666 US\$	1,285,333 US\$	321,333 US\$
Scenario 3	42	881,714US\$	705,371 US\$	176,342 US\$

In-kind contribution:
Classroom, research equipment,...

Feasible to implement the RCA Scholarship

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Implementation arrangements

- Development of Terms of Reference (TOR) (**already done**)
- Proposal of **Guideline** for RCA Scholarship (**already prepared**)
- Qualification and criteria for Applicants (**already prepared**)

3. Conclusion and remark



- The RCA Scholarship programme essential to sustain the high quality nuclear workforce in RCA GPs.
- **3 scenarios** of resource mobilization Scholarship plan are analyzed
- Among 3 scenarios, the **scenario 3 is feasible** to implement the RCA Scholarship programme **during the pilot phase**
- In order to maintain and sustain this Programme, it is necessary to have the **strong commitment of finance support from IAEA and the GPs**
- We strong recommend that IAEA must **build up the HRD TC Project** to sustain and ensure the finance mobilization for this Programme.



Thank You Any Questions?