



Report of the 4th Meeting of the RCA 2024-2029 MTS Drafting Working Group

1-2 May 2023

Dr. Yutthana TUMNOI

45th RCA National Representative Meeting

9-12 May 2023



- Report of Meeting and Annexes provided as RCANRM(45)/8
- Points of discussion
 - A Draft of the 2024-2029 MTS
 - Replacement of the Drafting MTS WG
 - Review of Work Plan

➤ A Draft of the 2024-2029 MTS

- Points of discussion

1. Discussed and agreed on the connection between MTS and RPF
2. Discussed and agreed on the structure of Strategic Priorities
3. Discussed and agreed on the new area **“Funding and Resource Mobilization”**
under Section B: RCA Strategic Context

All recommendations from RCA PAC and MTSC WG taken into consideration

➤ A Draft of the 2024-2029 MTS

✓ The endorsed MTS structure

Session	Title	Inputs
A	Background	Provided
B	RCA Strategic Context <ul style="list-style-type: none"> • Mid-term achievements of the RCA • RCA Context for the New MTS • Vision • Mission • RCA principles and Core Values • Critical Processes and Procedures • RCA Stakeholders and Trends 	Provided <ul style="list-style-type: none"> • Review of the RCA MTS 2018-2023 • Global, Regional and Strategic Factors • Vision • Mission • RCA Core Values • Critical Processes and Procedures • Funding and Resource Mobilization • RCA Stakeholders and Stakeholder Trends
C	Strategic Directions and Priorities	
C.1	Strategic Directions	In progress with more details than the current MTS
C.2	Strategic Priorities	
C.2.1	Food and Agriculture	In progress
C.2.2	Human Health	Provided

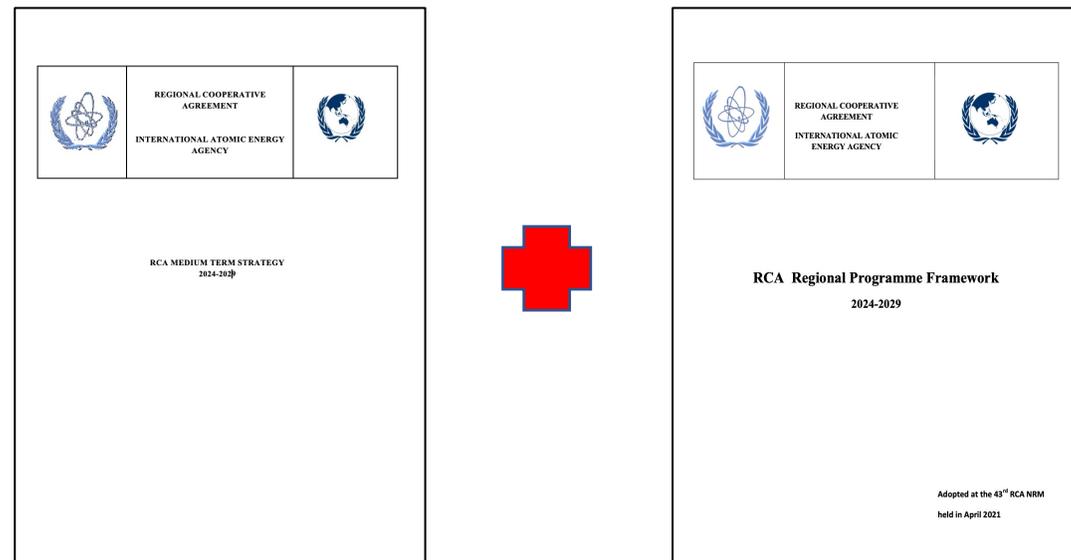
➤ A Draft of the 2024-2029 MTS

Session	Title	Inputs
C.2.3	Industry	In progress
C.2.4	Environment	Provided
C.2.5	Safety	Provided
C.2.6	Energy Planning	Provided
D	Critical Implementation Enablers	Provided
E	Execution of the MTS	TBA
F	Performance Indicators	In progress

Possible areas of expansion: Need Analysis, Operating Environment/Envelope, Demographics of GPs, Growth Goals, **Resource Mobilization, Impact Monitoring & Assessment, and Gender Equality**

➤ A Draft of the 2024-2029 MTS

- Agreed to have one high level document
- 2024-2029 RPF (adopted at the 43rd RCA NRM held in April 2021)
as an Annex
- Priority areas of each thematic sector and their future directions to be included in the MTS



➤ A Draft of the 2024-2029 MTS

- Structure of the Strategic Priorities
 - C.2: Strategic Priorities
 - C.2.1-C.2.6: Food & Agriculture, Human Health, Environment, Industry, Radiation Safety, and Energy Planning
 1. Priority Areas
 2. Future Directions
- In line with the RPF



➤ A Draft of the 2024-2029 MTS

C.2. Strategic Priorities

The General Conference Meeting of the RCA National Representatives, held virtually in September 2020, requested the RCA PAC to develop a RCA Regional Programme Framework (RPF) containing the strategic priorities for 2024-2029 in consultation with regional experts and the WG drafting the RCA MTS 2024-2029.

An online survey was conducted by the RCA PAC to identify the priorities, current status and the future needs of the RCA GPs in each of the RCA Thematic Sectors. Twenty RCA GPs out of 22 responded to the survey. The RCA PAC analyzed the outcomes of the survey to identify the overall priorities and the needs of the RCA GPs.

Expert Groups were formed in each Thematic Sector, comprising members of RCA PAC with expertise in the relevant areas, regional experts, and IAEA Technical Officers, and chaired by a RCA National Representative. The WG on MTS was invited to participate as members of the expert groups. The reports containing the outcomes of the survey and the details of the previous RCA projects were provided to the expert groups. The expert groups met through virtual platforms and recommended the priority areas on six thematic sectors, namely, agriculture, human health, environment, industry, and other areas (radiation protection, and energy planning).

The RPF 2024-2029 (Annex ___) was adopted by the RCA National Representatives at the 43rd RCA NRM in 2021.

➤ A Draft of the 2024-2029 MTS

C.2.2. Human Health (Dr. Nakano's input)

The RPF2024-2029 recommended Radiation Oncology (Overall Priority 1), Medical Physics (Overall Priority 2) and Nuclear Medicine (Overall Priority 3) as priority areas for 2024-29. Radioimmunoassay (Overall Priority 18), Nutrition (Overall Priority 20) and Tissue Grafting (Overall Priority 26) were not recommended.

Priority Area 1 – Radiation Oncology (HH1)

The priorities for the RCA projects during 2024-2029 in the area of radiation oncology are as follows:

- (Priority 1) Sustainable technical transfer of advanced RT technology for various cancers in our region through education and training in these fields (for example, the use of artificial intelligence (AI), Image-Guided Radiation Therapy (IGRT), Adaptive RT, altered-fractionation RT, particle 25 beam RT (proton and heavy ions), combination RT with immunotherapy, RT for oligometastases, etc). Since the basic infrastructure and radiation oncology technology have been developed in most of the GPs in the RCA region through RCA projects in previous project cycles, and the infrastructure of more advanced RO technology, for example particle beam RT, has been gradually developed in recent years in many RCA GPs, there is a need for projects of advanced technologies in the 2024-29 project cycle.

➤ A Draft of the 2024-2029 MTS

- (Priority 3) Meeting the needs of newcomer GPs by transferring technology and educating personnel in the basics of radiotherapy in order to establish RT technology aligned with the infrastructure and health economic conditions of the new GPs. RCA collaboration in line with the principle of TCDC should be strengthened by possible participation of intermediate GPs as recipients. For island GPs in particular, strengthening distant education and communication systems in radiation oncology using IT may be considered for education, training, and clinical collaboration among RCA GPs.
- (Priority 4) Improving the treatment capacity for specific clinical indications in line with the WHO target goals or other global/regional initiatives (e.g. cervical cancer - in line with the Global Strategy to Accelerate the Elimination of Cervical Cancer by WHO; and pediatric cancer - WHO Global Initiative for Childhood Cancer, etc.)

Synergic enhancement of RCA activities will be pursued through formal relationships/specialist networks between the RCA and the regional (f.e. Federation of Asian Organizations for Radiation Oncology) /national Radiation Oncology Societies in the region, in addition with strong cooperation with the Forum for Nuclear Cooperation in Asia (FNCA).

➤ A Draft of the 2024-2029 MTS

- the new area “Funding and Resource Mobilization” under Section B: RCA Strategic Context

B.7 Funding and Resource Mobilization

The majority of RCA the programme, projects, and activities are funded through the Technical Cooperation Fund (TCF). While the level of TCF appropriated to the RCA will vary from year-to-year given broader TC priorities, it is largely expected to be in the order of 2% of the TCF. Wherever possible, participating Governing Parties to encouraged to undertake Government cost-sharing or other modalities that can reduce the burden on TCF. Extra-budgetary contributions from Governing Parties are actively encouraged to supplement TCF resources.

In addition to TCF and Governing Party contributions, the RCA looks to identify resource mobilisation opportunities with non-traditional sources of funding. This has the advantage of develop exposing RCA capability to a wider community of partners and regional organizations to advocate support for RCA projects.

➤ A Draft of the 2024-2029 MTS

- Performance Indicators (PIs) to be developed once the Strategic Directions and Priorities are clearly written up
- A review process to be carried out to ensure that the draft MTS is not developed by the personal views of the persons drafting the MTS

Requested NRM actions:

The Drafting WG recommends that the 45th RCA NRM **note** the progress of the draft 2024-2029 MTS and **provide** comments

➤ Replacement of the Drafting MTS WG

Previous Members	Current Members
Dr Lucille V. Abad (PHL)	Dr Lucille V. Abad (PHL)
Mr Mark Alexander (AUS)	(AUS)
Dr Takashi Nakano (JPN)	Dr Takashi Nakano (JPN)
Dr Narayana Rao (IND)	Dr Narayana Rao (IND)
Professor Zhonghe PANG (CHN)	Professor Zhonghe PANG (CHN)
Ms Tan Hiong Jun Angela (SGP)	Ms Tan Hiong Jun Angela (SGP)
Ms Seoyeong Jeong (KOR)	Mr Cheonkyeong Park (KOR)
Dr Abdul Rahim Harun (MAL)	(MAL)
Mr Thitidej Tularak (THA)	Mr Thitidej Tularak (THA)
Dr Yutthana Tumnoi (THA)	Dr Yutthana Tumnoi (THA)

Requested NRM actions:

The Drafting WG recommends that the 45th RCA NRM **note** possible replacements of the previous representatives from AUS and MAL in the WG member

➤ Review of Work Plan



Requested NRM action:

The Drafting WG recommends that the 45th RCA NRM **note** the revised Work Plan for drafting the 2024-2029 MTS and **provide** comments

➤ Summary



Requested NRM actions:

- The Drafting WG recommends that the 45th RCA NRM note the progress of the draft 2024-2029 MTS and provide comments
- The Drafting WG recommends that the 45th RCA NRM note possible replacements of the previous representatives from AUL and MAL in the WG member
- The Drafting WG recommends that the 45th RCA NRM note the revised Work Plan for drafting the 2024-2029 MTS and provide comments
- The Drafting WG recommends that the 45th RCA NRM endorse the in-person MTSD WG meeting either in Aug or Sep 2023 in Vienna, Austria

Thank You for Your Attention

