



2	Expanding support for the benefit of the GPs and development of RCA	<p>2.1. Implementing the pilot project (RAS6083)</p> <p>2.2. Developing new RCARO initiated programmes</p> <p>2.3. Supporting the IAEA for RCA administrative matters</p>		    		<p>2.1.1. Implementing a project coordination meeting</p> <p>2.1.2. Implementing expert missions</p> <p>2.1.3. Conducting a regional workshop and progress review meeting</p> <p>2.2.1. Implementing new RCARO initiated programmes</p> <p>2.3.1. Providing support to RCA administrative matters</p>
3	Enhancing and exploring partnerships with regional/international organizations	<p>3.1. Development of a follow-up project of RCA/UNOSSC project on electron beam(EB) applications</p> <p>3.2. RCARO/ARCCNM training workshop</p> <p>3.3. Participation in the 17<sup>th</sup> FNCA Coordinators meeting</p>		 		<p>3.1.1. Developing a follow-up project of RCA/UNOSSC project on electron beam(EB) applications</p> <p>3.2.1. Holding the RCARO/ARCCNM training workshop</p> <p>3.3.1. Participation in the 17<sup>th</sup> FNCA Coordinators meeting</p>

4	Assisting the GPs in addressing regional and national needs	<p>4.1. RCARO/KAIST Nuclear Engineering Master's Degree Course</p> <p>4.2. RCARO/KAERI regional training workshop</p> <p>4.3. IAEA/RCARO/KINS joint training course on radiation safety for new RCA members</p>				<p>4.1.1. Supporting the RCARO/KAIST Master's Degree Course</p> <p>4.2.1. Holding the RCARO/KAERI regional training workshop</p> <p>4.3.1. Implementing IAEA/RCARO/KINS joint training course on radiation safety for new RCA members</p>
5	Increased interaction between the GPs and the RCARO	<p>5.1. RCARO Fellowship Programme</p> <p>5.2. Workshop on enhancing RCARO interactions with GPs</p>				<p>5.1.1. Inviting temporary staff from GPs to RCARO</p> <p>5.2.1. Holding a workshop on enhancing RCARO interactions with GPs</p>
6	RCARO's future role	6.1. Working Group Meeting on the RCARO's future role				6.1.1. Holding a WG meeting to discuss further in line with the outcomes of the 2 <sup>nd</sup> WGM and matters related to the RCARO's future role
7	Other activities	7.1. Participation in the RCA policy related meetings				7.1.1. Participation in the 38 <sup>th</sup> NRM and 45 <sup>th</sup> GCM

		7.2. Participation in expert meetings on the RCA				7.2.1. Participation in expert meetings on the RCA
		7.3. Extra-Budgetary(EB) contribution of the RCARO to the IAEA				7.3.1. EB contribution of the RCARO to the IAEA

# **RCARO 2016 Work Plan**

## **1. Increasing the awareness of RCA**

### **1.1. Publicity activities for increasing the awareness of RCA**

#### **1.1.1. Publication of the 6<sup>th</sup> batch of RCA success stories**

For the 6<sup>th</sup> batch of Success Stories, according to the revised guideline approved by the 37<sup>th</sup> NRM, information on candidate projects which had been successfully completed between 2013 and 2014 was provided by RCA-FP to the SAC for prioritization. The 21<sup>st</sup> SAC agreed that two success stories be published from industry and medical sector: one success story from RAS 1012, and one combined success story from RAS 6064 and RAS 6066.

Based on the approved procedure and timeline, drafts will be prepared and submitted to the 38<sup>th</sup> NRM for consideration of the NRs. Upon approval of the 38<sup>th</sup> NRM, RCARO will publish the stories and distribute to relevant stakeholders. Copies will be also handed out at appropriate occasions.

#### **1.1.2 Updating RCA promotional video**

Since its production in 2011, the RCA promotional video has been used effectively at the regional/international events to promote the RCA and its activities and also in the Government Parties (GPs) for their promotional uses at national level.

It will be updated and modified to accommodate changes on the RCA such as replacement of NRs, new GPs and RCA projects.

### **1.2 Enhancing RCA information service through the RCA Website**

RCARO will continue its efforts to further enhance its website operation in 2016, with a view to making it a hub for an information flow within the RCA community.

#### **1.2.1 Enhanced web service with improved access system**

Aiming to enhancing RCA web information service, RCARO presented a working paper to review and identify means and ways to improve the current RCA information service at the 37<sup>th</sup>

NRM for consideration of the NRs. The 37<sup>th</sup> NRM took note of the working paper and approved to hold an expert meeting to materialize the ideas suggested in the paper.

An expert meeting on Establishment of Guidelines for Enhancement of the RCA Information service was held inviting experts and relevant stakeholders from GPs and made recommendations such as designation of RCA Website Administrators (RWAs) in the GPs and IAEA, publication of a public version of RCA Annual report and provision of RCA information by the GPs and IAEA. The recommendations were approved by the 44<sup>th</sup> GCM and follow-up actions will be carried out accordingly. As a part of the follow-up, RWAs will be designated by the GPs and IAEA by early 2016. With the support of the designated RWAs, it is expected that more information on RCA by the GPs and IAEA will be uploaded on the website and available to more end users and stakeholders at national level.

### **1.2.2 Updating data on the RCA and RCA projects**

Supported by the RWAs, RCARO will continue its efforts to further update the data on RCA and its activities: meetings, projects, and news. RCARO will enhance, among others, its interactions among end users and stakeholders of GPs through the website, in particular, on matters regarding the usage and exchange of RCA related information.

### **1.3 Participation in regional/international events and support for the promotion of RCA activities**

RCARO will make further efforts to fulfill its mandate by promoting RCA to target audiences at appropriate occasions through presentations and exhibitions as well as providing support to RCA experts participating in such promotional activities.

#### **1.3.1 Presentation and exhibition on RCA/RCARO activities to target audiences**

RCARO will continue to promote the RCA/RCARO activities to target audiences by means of making presentations and exhibitions at some relevant occasions and meetings including RCA events in the region.

For the 2016 plan, according to the recommendation of the 18th SAC to conduct a survey and

present its results on possible conferences at the SAC before the GCM in the year before the conferences will be held, RCARO conducted a survey of NRs and IAEA and collected information on 17 conferences from CPR, NZE, THA and VIE including its own survey done by RCARO. Amongst those 17 conferences, the 44<sup>th</sup> GCM approved the two conferences below for RCARO's participation in 2016:

- The 20<sup>th</sup> Pacific Basin Nuclear Conference on 5-9 April 2016, Beijing, China
- International Conference on Nuclear Science and Technology in August 2016, Bangkok, Thailand

In addition, as for the 46<sup>th</sup> Scientific Meeting of the ANZSNM to be held in April 2016, Rotorua, New Zealand, the NR of NZE agreed to promote the RCA in the event. Relevant materials will be provided by RCARO for his promotional activity.

In consideration of its budget availability and schedule, RCARO will make necessary arrangements for its participation to the conferences listed above and also conduct new survey in preparation of possible conferences for 2017.

### **1.3.2 Supporting RCA experts for increasing awareness of RCA**

RCARO will continue to provide its assistance to selected RCA experts for their participation in regional/international events and their RCA promotional activities.

For the cycle from September 2015 to August 2016, RCARO selected a total of 4 selectees from AUL, INS, SRL and VIE. Two selectees from AUL and SRL were supported in the second half of 2015 and the other two will be supported in the first half of 2016 for their promotional activities.

With regard to the next cycle from September 2016 to August 2017, RCARO will invite the GPs for nominations of appropriate RCA experts and carry out the programme according to the guideline.

## **2. Expanding support for the benefit of the Government Parties and development of RCA**

### **2.1 Implementing the pilot project**

Upon approval of the 43<sup>rd</sup> GCM on developing a pilot project, RCARO, as the LCC of the project, developed and finalized a project proposal entitled “Improving patient care and enhancing Government Parties capacity in nuclear medicine programs in RCA region”. The project is approved and classified as RAS6083 and is to be implemented for 3 years from 2016 funded by the Korean Government.

#### **2.1.1. Implementing project coordination meeting**

A project coordination meeting will be held to review and assess the current status of Nuclear Medicine and its role in the management of major diseases. The meeting will also discuss and finalize the details of the activities stipulated in the work plan to be implemented under the project RAS6083. It is scheduled on 11-15 April 2016, Gwangju, Korea and its progress will be presented to the 38<sup>th</sup> NRM in Mongolia.

#### **2.1.2. Implementing expert missions**

Expert missions will be carried out based on the work plan and decision of the project coordination meeting.

#### **2.1.3. Conducting regional workshop and progress review meeting**

Progress review meeting and regional workshop will be held based on the work plan and decision of the project coordination meeting.

### **2.2. Developing new RCARO initiated programme**

In line with the outcome of the 2<sup>nd</sup> Working Group Meeting on the RCARO's future role, the 3<sup>rd</sup> Working Group Meeting will be held on 19-21 Jan. 2016 in Jeju, Korea to review and identify new RCARO initiated programme.

Taking consideration of the decision of the 3<sup>rd</sup> Working Group Meeting and accommodating the needs of the GPs, RCARO will initiate new RCARO programme to contribute to providing more benefit to the GPs and development of RCA.

### **2.3. Supporting the IAEA for RCA administrative matters**

The lack of financial and human resources in the IAEA for RCA related matters has been noted in recent years. At the 44<sup>th</sup> GCM, IAEA again presented its challenges in staffing and after discussions, the meeting suggested to discuss this issue at the 3<sup>rd</sup> Working Group Meeting in connection with the RCARO's future role.

Upon the decision of the 3<sup>rd</sup> Working Group Meeting and the approval of the GPs, RCARO will undertake necessary actions to support the IAEA for efficient and effective implementation of the RCA related matters.

## **3. Enhancing and exploring partnerships with regional/international organizations**

### **3.1 Development of a follow-up project of RCA/UNOSSC project on Electron Beam (EB) applications**

The RCA/UNOSSC project on Electron Beam applications has been completed in 2015 with successful implementation of the final progress meeting in Siem Reap, Cambodia.

In the meeting, the outcomes have shown a high interest in the use of EB at national level and a follow-up project was recommended in view of the increased demand for distribution and sharing of EB technology and increased establishment of EB facility in the next few years in the participating countries.

Based on the result of the project and request by the participating countries for extending a follow-up project, RCARO will make efforts to explore possibilities of its extension in consultation with possible donors including UNOSSC.

### **3.2. RCARO/ARCCNM training workshop**

Since 2008, RCARO has been supporting the RCARO/ARCCNM training workshop to educate nuclear medicine physicians and scientists in developing and less developed Asian countries and further to foster regional cooperation to promote nuclear medicine in those countries.

RCARO will continue its support for the concerned training workshop in 2016.

### **3.3. Participation in the 17<sup>th</sup> FNCA Coordinators meeting**

On behalf of RCA, RCARO will participate in the 17<sup>th</sup> FNCA Coordinators Meeting to be held in March 2016 in Japan to discuss cooperative matters between RCA and FNCA.

Representing the RCA, Director of RCARO will present the achievements of RCA and cooperative activities with the FNCA in 2015.

## **4. Assisting the Government Parties in addressing regional and national needs**

### **4.1 RCARO/KAIST Nuclear Engineering Master's Degree Course**

With the aim of assisting the Government Parties in capacity building related to nuclear science and technology, Nuclear Engineering Master's Degree Course was initiated by the RCARO in cooperation with the Korea Advanced Institute of Science and Technology (KAIST). As carried out in the past years, RCARO will continue to recruit students from the Government Parties for 2016 spring and fall semesters.

### **4.2 RCARO/KAERI regional training workshop**

RCARO will host a regional training workshop on radiation applications technology in October or November 2016 in cooperation with the Korea Atomic Energy Research Institute (KAERI). The Government Parties are requested to recommend appropriate candidates for the workshop.

### **4.3 IAEA/RCARO/KINS joint training course on radiation safety for countries with no radiation safety infrastructure in the region**

In recent years, a few countries including Cambodia, Nepal, Fiji, Palau, Laos that are at the beginner stage in applying nuclear technology have become new members of the RCA. Towards supporting these countries in better participating in RCA programmes and further harmonized development of the RCA, an introductory training course could be useful and needed, considering no radiation safety infrastructure and policy in place in those countries.

Taking these circumstances into consideration, a training course on radiation safety was initiated by IAEA and will be co-hosted by RCARO and KINS (Korea Institute of Nuclear Safety) under the framework of the project RAS9073. To make the best use of its implementation, it will be

held for 4 weeks with lectures and field visits to different end users of radiation sources and include the countries with no radiation safety infrastructure and policy so called 'red countries' in the region as well as new RCA members.

## **5. Increased Interaction between the Government Parties and the RCARO**

### **5.1 RCARO Fellowship Programme**

RCARO will select 3 temporary staff from the Government Parties to work in RCARO in 2016. Their duties will include assisting in updating stakeholder/end-user database; collecting information on regional and international events; and implementing RCARO new initiatives.

### **5.2 Holding a workshop on enhancing RCARO interactions with the Government Parties**

With a view to increasing interaction with the GPs, RCARO hosts a workshop to discuss ways to increase interaction with the Government Parties and accommodate the needs of the Government Parties and the RCARO, inviting relevant stakeholders. This year, the workshop will be replaced by a joint training course on radiation safety for new members of RCA.

## **6. RCARO's Future Role**

### **6.1 Holding a Working Group Meeting on the RCARO's future role**

Following the 1<sup>st</sup> WGM in June 2014, the 2<sup>nd</sup> WGM was held in Jan. 2015 to discuss issues raised in the Strategic Paper reported by the Director RCARO. Through discussions and deliberations, the WG established detailed procedures and guidelines on the possible options for the RCARO's future role such as Supplementary Program, Research Program and Training Program. Concerns were also raised on adequate resources and IAEA's role in the RCA in implementing these initiatives by the RCARO during the 2<sup>nd</sup> WGM.

The report of the 2<sup>nd</sup> WGM was presented to the 44<sup>th</sup> GCM and the meeting endorsed the 3<sup>rd</sup> WGM to discuss issues related to the RCARO's future role, taking consideration of several issues in the subject and the advice from the Office of Legal Affairs of the IAEA regarding the IAEA's role in the RCA. In addition, taking note of the challenges in staffing faced by the IAEA, the 44<sup>th</sup> GCM agreed to discuss this issue in connection with the RCARO's future role at the WGM, inviting representatives from the IAEA.

On the basis of the established guidelines and matters raised in the course of the discussions, the 3<sup>rd</sup> WGM will be held on 19-21 January in Jeju, Korea to review and identify possible new initiatives and roles to be implemented by the RCARO and the progress will be reported to the 38<sup>th</sup> NRM for consideration of NRs.

## **7. Other activities**

### **7.1 Participation in the RCA policy related meetings**

RCARO will participate in the RCA policy related meetings including the 38<sup>th</sup> NRM in April and the 45<sup>th</sup> GCM in September and make presentations on the RCARO activities. RCARO will also provide assistance to the operation of the RCARO SAC meetings as the secretariat.

### **7.2 Participation in expert meetings on the RCA**

RCARO will participate in expert meetings on the RCA to share views on the issues to be discussed, when needed.

### **7.3 Extra-Budgetary (EB) contribution of the RCARO to the IAEA**

An EB contribution by the RCARO will continue in 2016 to support the RCA projects in need of financial support and is subject to the budget availability of the RCARO.