

Welcome to
49th RCA GCM (Virtual)

18 Sep. 2020

*(The meeting starts at
03.00hrs Vienna time)*



IAEA

International Atomic Energy Agency

An Overview of the *RCA Programme Implementation 2020*

Sinh Van Hoang - RCA Focal Person



IAEA

International Atomic Energy Agency

Active RCA Projects in 2020



<i>No.</i>	<i>Project Code</i>	<i>Project Title</i>	<i>Project Duration</i>
<i>1</i>	<i>RAS0086</i>	<i>Enhancing the Management and Implementation of Activities under the Framework (RCA)</i>	<i>2020-2021</i>
<i>2</i>	<i>RAS1022</i>	<i>Strengthening Regional Capacity in Non-Destructive Testing and Examination Using Nuclear and Related Techniques for Safer, Reliable, More Efficient and Sustainable Industries Including Civil Engineering</i>	<i>2019-2022</i>

Active RCA Projects in 2020



3	<i>RAS5077</i>	<i>Promoting the Application of Mutation Techniques and Related Biotechnologies for the Development of Green Crop Varieties (RCA)</i>	<i>2017-2020</i>
4	<i>RAS5081</i>	<i>Enhancing Food Safety and Supporting Regional Authentication of Foodstuffs through Implementation of Nuclear Techniques</i>	<i>2018-2021</i>
5	<i>RAS5084</i>	<i>Assessing and Improving Soil and Water Quality to Minimize Land Degradation and Enhance Crop Productivity Using Nuclear Techniques</i>	<i>2018-2021</i>

Active RCA Projects in 2020



6	<i>RAS5087</i>	<i>Promoting Food Irradiation by Electron Beam and X Ray Technology to Enhance Food Safety, Security and Trade (RCA)</i>	<i>2020-20223</i>
7	<i>RAS6086</i>	<i>Strengthening Cancer Management Programmes in Government Parties through Collaboration with National and Regional Radiation Oncology Societies</i>	<i>2018-2021</i>

Active RCA Projects in 2020



8	<i>RAS6087</i>	<i>Enhancing Medical Physics Services to Develop Government Parties through Regional Leadership in Standards and Education and Training Support</i>	<i>2018-2021</i>
9	<i>RAS6093</i>	<i>Strengthening Capacity to Manage Non-Communicable Diseases Using Imaging Modalities in Radiology and Nuclear Medicine</i>	<i>2019-2022</i>
10	<i>RAS6096</i>	<i>Empowering Regional Collaboration among Radiotherapy Professionals through Online Clinical Networks (RCA)</i>	<i>2020-2023</i>

Active RCA Projects in 2020



11	RAS6097	<i>Enhancing Capacity and Capability for the Production of Cyclotron-Based Radiopharmaceuticals (RCA)</i>	2020-2023
12	RAS7028	<i>Enhancing Regional Capabilities for Marine Radioactivity Monitoring and Assessment of the Potential Impact of Radioactive Releases from Nuclear Facilities in Asia-Pacific Marine Ecosystems (RCA)</i>	2017-2020
13	RAS7031	<i>Assessing the Vulnerability of Coastal Landscapes and Ecosystems to Sea-Level Rise and Climate Change</i>	2019-2022

Active RCA Projects in 2020



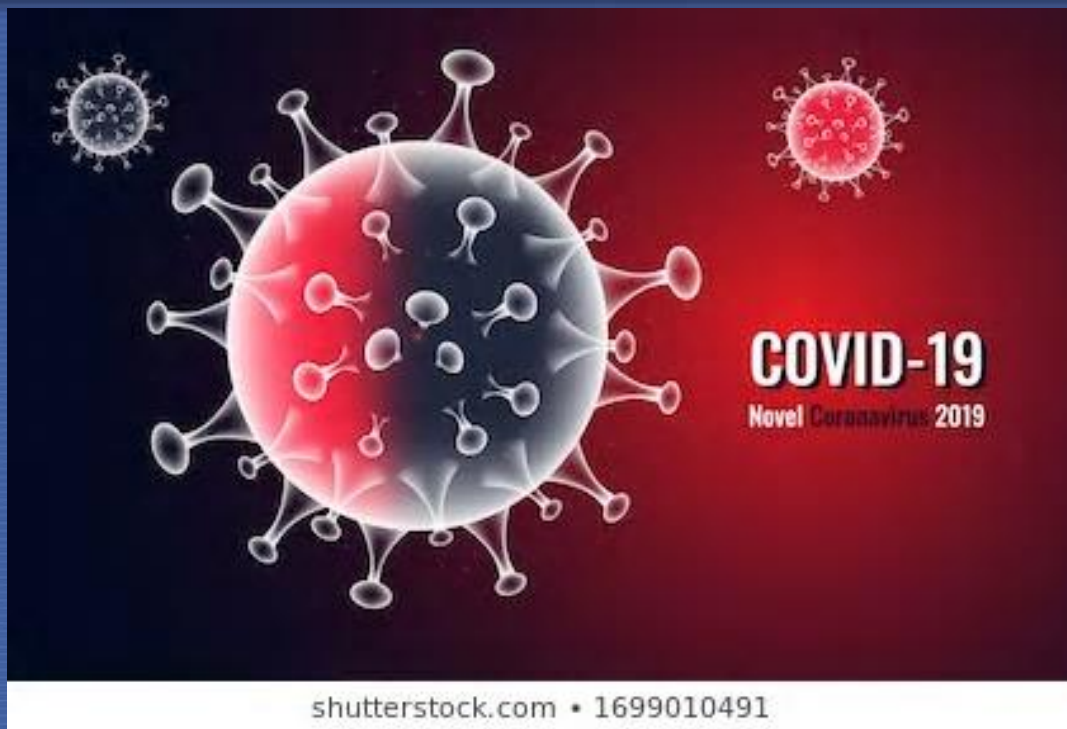
14	RAS7035	<i>Enhancing Regional Capability for the Effective Management of Ground Water Resources Using Isotopic Techniques (RCA)</i>	2020-2023
15	RAS7037	<i>Enhancing Wetland Management and Sustainable Conservation Planning (RCA)</i>	2020-2023
16 	RAS9092 	<i>Strengthening the Capacity to Respond to Radiological Emergencies of Category II and III Facilities (RCA)</i>	2020-2023

- *Regional events (MTs/WSs & RTCs) were well planned as early as Q4/2019;*
- *However, the plan has been changed dramatically due to the Covid-19 Pandemic!*



IAEA

International Atomic Energy Agency





shutterstock

IMAGE ID: 1635472642
www.shutterstock.com



IAEA

➤ *In response to the crisis, LCCs, TOs and RCA FP have worked timely and hard together, reviewed and adjusted the workplans of the RCA on-going projects, and agreed on activities that can be implemented in 2020 virtually in place of face-to-face.*



IAEA

International Atomic Energy Agency

➤ *The list of the adjusted regional events together with the situation of preparation and implementation of these events is shown in Background Document. The events are mainly carried out using videoconferencing.*



IAEA

International Atomic Energy Agency

➤ *Furthermore, because of the COVID-19 pandemic, regional events under the RCA programme in 2021 cannot be planned at this time. They can only be identified and arranged after the 49th RCA GCM.*



IAEA

International Atomic Energy Agency

➤ *Observations:*

- *The COVID-19 pandemic is far beyond a health crisis. It causes a global social and economic crisis that is terribly affecting societies and economies at their core, and the RCA is not an exception.*



IAEA

International Atomic Energy Agency

- *Digital transformation is vigorously underway globally;*
- *RCA should utilize this opportunity to innovate its activities, especially use ICT platforms to conduct meetings/workshops and training courses;*



IAEA

International Atomic Energy Agency



WHAT IS
**DIGITAL
TRANSFORMATION**
& WHY IT IS
**IMPORTANT
FOR BUSINESSES**

The use of ICT results in a huge saving of the allocated funds. In 2020 only, the unspent amount of funds allocated for RCA projects is estimated about 1.2 mil. Euro from TCF. It is also anticipated that an equivalent amount of funds would be unspent in 2021.



IAEA

International Atomic Energy Agency

➤ *Suggestions:*

❖ *For ongoing projects:*

In order to be able to effectively utilize the unspent TCF in 2020 and 2021, it is requested that NRs consider and agree on the use of the unspent funds for the following:



IAEA

International Atomic Energy Agency

1) Procuring equipment needed by RCA Regional Resource Units (RCA RRUUs) to provide services to other RCA GPs;

2) Procuring spare parts for maintaining equipment used by RCA GPs for implementing RCA projects;



IAEA

International Atomic Energy Agency

3) If 1) and 2) are agreed, NRs are requested to submit to the IAEA their request for equipment needed for upgrading RRUs, and for spare parts for maintenance of equipment by 15 October 2020 at the latest (Request Template will be sent to NRs shortly).



IAEA

International Atomic Energy Agency

*The RCA FP will discuss with LCCs and TOs
and provide feedback to requested NRs to ensure
the procurement is implemented transparently
and properly; and*



IAEA

International Atomic Energy Agency

4) Recruiting experts to develop training materials for planned RTCs.



IAEA

International Atomic Energy Agency

❖ *For new project designs for 2022-2023 and beyond:*

Considering that the effectiveness and efficiency of the application of ICT platforms to organize virtual events in place of face-to-face, in project designs for 2022-2023, it is necessary to:



IAEA

International Atomic Energy Agency

1) Specify regional events (meetings/workshops and training courses) that can be implemented virtually, and that need be done face-to-face for allocating funds appropriately;



IAEA

International Atomic Energy Agency

2) Define and include equipment procurement needed by RRUs to provide services to other GPs and procurement of spare parts for maintaining equipment used by GPs for implementing projects; and



IAEA


International Atomic Energy Agency

3) Develop more online training materials.



IAEA


International Atomic Energy Agency



IEEE brain
BrainStorming

Enabling open dialogue
among the broad academic,
industry, and government
communities through polls,
questions and comments.

Join The Discussion

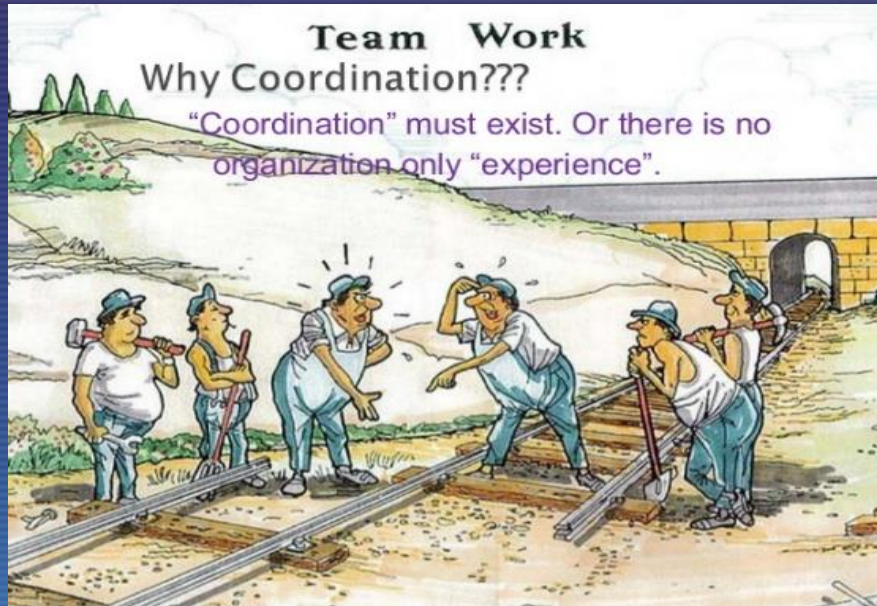
 IEEE



IAEA

International Atomic Energy Agency

Team Work



IAEA

International Atomic Energy Agency



Atoms for Peace and Development!