

An Overview of the *RCA Programme Implementation 2018*

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Project Implementation

Discover | Design
Configure | Deploy



Active RCA Projects in 2018



<i>No.</i>	<i>Project Code</i>	<i>Project Title</i>	<i>Project Duration</i>
<i>1</i>	<i>RAS0082</i>	<i>Facilitating Activities Implemented under the RCA Framework</i>	<i>2018-2019</i>
<i>2</i>	<i>RAS5070</i>	<i>Developing Bioenergy Crops to Optimize Marginal Land Productivity through Mutation Breeding and Related Techniques (RCA)</i>	<i>2015-2018</i>

Active RCA Projects in 2018



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>

Active RCA Projects in 2018



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>
6	<i>RAS6083</i>	<i>Improving Patient Care and Enhancing Government Parties Capacity in Nuclear Medicine programmes in RCA Region (RCA)</i>	<i>2016-2018</i>

Active RCA Projects in 2018



7	RAS6085	<i>Enhancing Stereotactic Body Radiation Therapy for Frequent Cancers in the RCA Region (RCA)</i>	<i>2016-2019</i>
8	RAS6086	<i>Strengthening Cancer Management Programmes in Government Parties through Collaboration with National and Regional Radiation Oncology Societies</i>	<i>2018-2021</i>
9	RAS6087	<i>Enhancing Medical Physics Services to Develop Government Parties through Regional Leadership in Standards and Education and Training Support</i>	<i>2018-2021</i>

Active RCA Projects in 2018



10	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
11	RAS7029	<i>Assessing the Impact of Urban Air Particulate Matter on Air Quality (RCA)</i>	2016-2018
12	RAS7030	<i>Assessing Deep Groundwater Resources for Sustainable Management Through the Utilization of Isotopic Techniques (RCA)</i>	2016-2019

- *There were 12 active projects in 2018:*
- *4 projects in human health;*
- *4 projects in food and agriculture;*
- *2 projects in the field of environmental protection;*



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- *1 project on groundwater resources; and*
- *1 project in support of the RCA management.*



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➤ *13 regional training courses (RTC):*

- *273 persons trained*

➤ *21 meetings/workshops:*

- *422 participants*



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- *19 expert missions; and*
- *1 home-based assignment.*



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➤ *TC Fund Allocated for 2018:* *€1.4 mil*

➤ *Delivered:* *€ 1.3 mil*

➤ *The Implementation Rate is 93% in 2018 compared to 92.5% in 2017.*



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➤ *The EBT contributions received in 2018:*

- *China:* 15,865
- *Japan:* 171,150
- *Korea:* 307,770
- *Malaysia:* 10,000
- *Philippines:* 4,185

Total: € 508,970 (€ 89,749 in 2017)



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➤ *The total amount of “In-kind” contributions made by the RCA GPs in 2018:*

@ €1,261,100

(€ 1,467,520 in 2017)



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Some Salient Achievements

RAS5070 - “Developing Bioenergy Crops to Optimize Marginal Land Productivity through Mutation Breeding and Related Techniques”



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Some Salient Achievements

RAS5070

- *More than 150 new mutant lines of bioenergy crops were produced;*
- *More than 70 lines have been under field trial on marginal land. Some varieties show promising results;*



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Some Salient Achievements

RAS5070

- *N-15 and C-13 isotopic techniques have been introduced and applied successfully in many countries to study the efficiency of soil, water and nutrient use for bioenergy crop cultivation on marginal land.*



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Some Salient Achievements

RAS5070

- *The Guideline entitled “Best Soil, Nutrient, Water and Crop Management Practice for Marginal Land” was formulated and distributed to participating countries for use.*



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Some Salient Achievements

*RAS6083 - Improving Patient Care and
Enhancing Government Parties Capacity in
Nuclear Medicine Programmes in RCA Region*



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Some Salient Achievements

RAS6083

- *2,774 professionals in oncology, cardiology and neurology were trained and networked across the region, which represents a 140% increase compared to 2016.*



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Some Salient Achievements

RAS6083

- *There was a significant increase (20%) in the number of diagnostic and therapeutic procedures from 2016 to 2018.*



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Some Salient Achievements

RAS6083

- *There was a significantly increased awareness of the role of nuclear medicine in oncology, cardiology and neurology, including the emerging field of theranostics. As a result, some participating countries have developed new policies and strategies for the strengthening of nuclear medicine capacity and capabilities.*



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Some Salient Achievements

RAS7029 - Assessing the Impact of Urban Air Particulate Matter on Air Quality



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Some Salient Achievements

RAS7029

- *6,850 samples were collected, of which 4,680 samples were analysed.*



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Some Salient Achievements

RAS7029

- *The IAEA/RCA Elemental Database (World Class) in the Asia-Pacific Region has been updated. Environmental Protection Agency in many countries has used the Database for policy decisions, issuance of regulations and standards in relation to air pollution.*



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Some Salient Achievements

RAS7029

- *88 stakeholders have engaged in the project.*
- *44 international journal publications were published from the result of the project.*



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Some Salient Achievements

*(Other projects – RAS0082, RAS5077, RAS5081,
RAS5084, RAS6085, RAS6086, RAS6087,
RAS7028, RAS7030, etc.)*

- *100% PPARs submitted timely on*
<https://tcreports.iaea.org>



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In Conclusion:

- *RCA Projects in 2017 were successfully implemented on schedule (details of project activities, salient results, extra-budgetary contributions and in-kind contributions are presented in RCA Annual Report 2018).*



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Recommendations:

In order to further enhance the effectiveness and efficiency of the RCA programme in 2019, NRs are requested to:

- *Stick to the RCA GOR, especially to designate appropriate persons as NPCs, A/NPCs and National Project Teams right from the start of project implementation;*



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Recommendations:

- *Consult with NPCs to nominate qualified/appropriate candidates to participate in regional events;*
- *Submit nominations on time and in full through the **InTouch+ platform**. Hard copy nominations should be submitted only in exceptional cases;*



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Recommendations:

- *Coordinate and ensure that NPCs submit national reports to LCCs in time so that LCCs have sufficient inputs and time to consolidate and submit PPARs to the IAEA on schedule;*



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Recommendations:

- *Share the RCA GOR with LCCs, NPCs and A/NPCs so that they know and undertake their roles and responsibilities properly.*



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Recommendations:

- *Maintain close and timely contact with RCA Chairs, LCCs, NPCs, RCA PAC, WG on MTSC, RCARO and RCA FP and to solve any issues that may arise.*



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“Individual talents get magnified many times over through the collective lens of an effective team.”

Dalal Haldeman



Thank you for your attention!



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