



## INT0098: Strengthening Capabilities of Member States in Building, Strengthening and Restoring Capacities and Services in Case of Outbreaks, Emergencies and Disasters

### Objective

To support Member States in their efforts to restoring capacities, competences and services in case of outbreaks, natural emergencies and disasters.

### Project activities

1. To provide the necessary medical, analytical, and non-destructive testing (NDT) equipment.
2. To provide the necessary technical expertise and readily available advice for the country or region.
3. To provide the needed training and capacity building for the restoration of medical services, implementing analytical techniques, and NDT technologies.



### DURATION

Four years

### BENEFICIARY COUNTRIES

Member States in Africa, Asia and the Pacific, Europe, and Latin America and the Caribbean.

### EXPECTED OUTCOME

Restored damaged capacities and services of Member States in the event of natural emergencies and disasters.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	—	1 649 450
2021	—	1 621 100
2022	—	1 617 950
2023	—	1 586 450

**Project total:**

**6 474 950**





## INT0099: Maximizing the Socioeconomic Benefit of the SESAME Lightsource

### Objective

SESAME provides socio-economic benefit to societies within and beyond the Middle East.

### Project activities

1. To provide ancillary devices to improve the utilisation of existing beamlines.
2. To provide optical components, monochromator and beamline source.
3. To enhance remote training and remote access to online learning.
4. To provide travel support to users from non-SESAME Member States.
5. To outreach to recruit new SESAME members to increase its utilisation.



### DURATION

Four years

### BENEFICIARY COUNTRIES

Member States in Africa, Asia and the Pacific, and Europe.

### EXPECTED OUTCOME

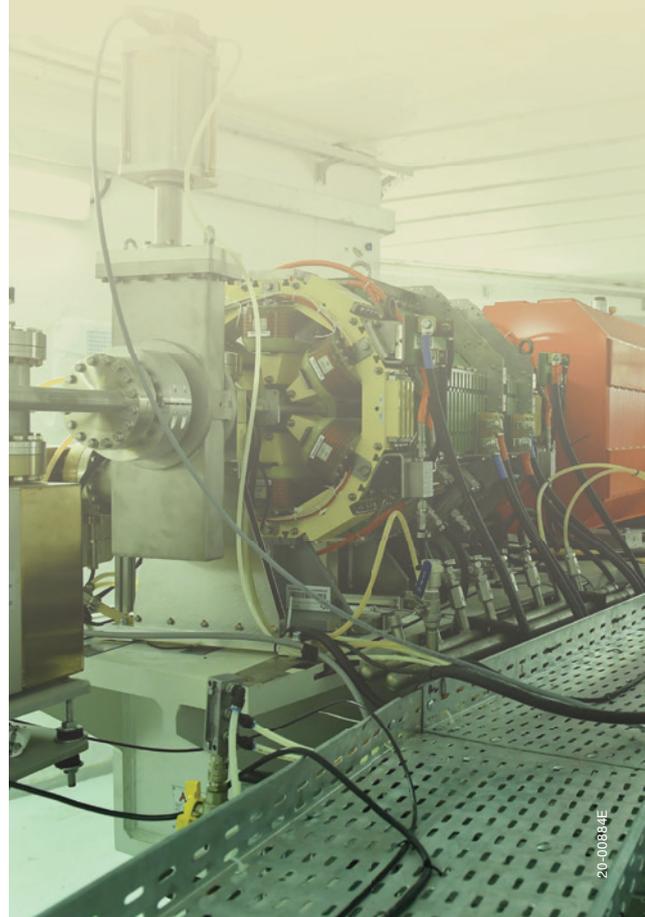
SESAME has a widespread and active user base generating knowledge concerning medical/ pharmaceutical research, environment, advanced materials and the cultural heritage of its Members.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	76 765	465 830
2021	53 290	51 300
2022	80 435	98 550
2023	91 885	105 250

**Project total: 1 023 305**





Energy

# INT2020: Enhancing Capacity Building to Promote Successful Decommissioning and Environmental Remediation (D&ER) Projects

## Objective

To enhance MSs' preparedness for the implementation of decommissioning and environmental remediation of projects in a safe, sustainable, timely and cost-effective way.

## Project activities

1. To develop national frameworks to enable implementation of the D&ER.
2. To create and maintain capacity through staff training and associated mechanisms.
3. To establish and update the regulatory requirements for decommissioning and remediation.
4. To build the human resources for regulatory oversight of decommissioning and remediation.



## DURATION

Four years

## BENEFICIARY COUNTRIES

Member States in Africa, Asia and the Pacific, Europe, and Latin America and the Caribbean.

## EXPECTED OUTCOME

Enhanced MSs' preparedness for the implementation of decommissioning and environmental remediation of projects in a safe, sustainable, timely and cost-effective way.

## TOTAL ESTIMATED BUDGET

Budget (EUR) with 7% PSC NOT included

Year	Funded	Unfunded
2020	199 500	220 500
2021	220 500	283 500
2022	210 000	289 800
2023	283 500	73 500

**Project total: 1 780 800**



Technical Cooperation Programme

For more information, please refer to the document "Technical Cooperation: The Agency's Proposed programme for 2020-2021" as produced in GOV/2019/47 and its attachments.





Energy

# INT2021: Supporting Member States Considering or Planning to Introduce or Expand Nuclear Power Programmes in Developing the Sustainable National Infrastructure Required for a Safe, Secure and Peaceful Nuclear Power Programme

## Objective

To support participating Member States in creating an enabling environment to facilitate the safe, secure and sustainable introduction or expansion of nuclear power.

## Project activities

1. To provide the needed training and capacity building for an informed decision on the introduction or expansion of nuclear power, including on the licensing process for nuclear power plants, qualification programmes, and energy planning.
2. To support participating Member States in their preparation of the entire national infrastructure for building nuclear power plant.
3. To develop the capabilities of the participating Member States to regulate and operate a nuclear power plant safely, securely and cost sustainably and to manage the resulting radioactive waste.



Technical Cooperation Programme

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## DURATION

Four years

## BENEFICIARY COUNTRIES

Member States from Africa, Asia and the Pacific, Europe, and Latin America and the Caribbean.

## EXPECTED OUTCOME

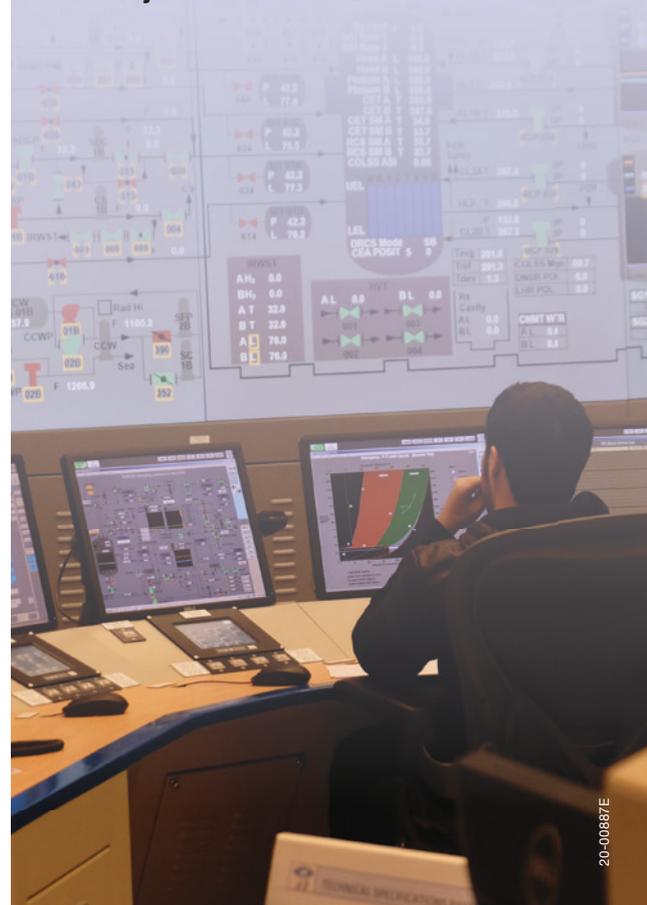
Existing and new nuclear programmes in participating Member States are enhanced in terms of safety, security and sustainability following the IAEA Milestones approach to developing a national infrastructure for nuclear power.

## TOTAL ESTIMATED BUDGET

Budget (EUR) with 7% PSC NOT included

Year	Funded	Unfunded
2020	121 590	1 947 330
2021	11 340	2 147 355
2022	121 590	1 823 850
2023	11 340	2 023 875

**Project total: 8 208 270**





Energy

# INT2022: Supporting Capacity Building in Member States for Uranium Production and Safety of Naturally Occurring Radioactive Material Residue Management

## Objective

To incorporate good practices for the sustainable development of Uranium production cycle (UPC) projects and NORM residue management, providing the support to MSs in the application of relevant IAEA safety standards as well as good regulatory oversight.

## Project activities

Capacity building for the participating countries in the following areas:

1. Milestones and regulatory framework for UPC and other NORM activities.
2. Stakeholders involvement in the life management of uranium production cycle.
3. Emerging technologies for uranium exploration and resource assessment.
4. Worker protection and environmental management in mineral exploration.
5. Decision making and execution of uranium production projects.
6. Technical feasibility, socio-environmental aspects and regulatory framework of the uranium production cycle.
7. Uranium production by in-site recovery (ISR) mining.
8. Uranium production focus on conventional mining – milling methods.
9. NORM residues management.
10. Authorization and facility decommissioning related to NORM activities.



Technical  
Cooperation  
Programme

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## DURATION

Four years

## BENEFICIARY COUNTRIES

Member States from Africa, Asia and the Pacific, Europe, and Latin America and the Caribbean.

## EXPECTED OUTCOME

To improve the sustainability and safety aspects of UPC, as the front end of the nuclear fuel cycle, and management of NORM in line with IAEA safety standards and good practices.

## TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	136 500	168 000
2021	117 075	184 275
2022	151 200	161 700
2023	128 625	168 000

**Project total: 1 215 375**





# INT5156: Building Capacity and Generating Evidence for Climate Change Impacts on Soil, Sediments and Water Resources in Mountainous Regions

## Objective

To increase the resilience of mountainous populations and ecosystems towards the impacts of climate change.

## Project activities

1. To build human resources capacity in nuclear and isotopic techniques for monitoring area-wide climate change impacts on land-water-ecosystem interactions and integrated watershed management.
2. To hold technical meetings for data synthesis and integration over drivers and sites.
3. To provide expert support to benchmark sites for monitoring climate change impacts on land-water-ecosystem interactions in high mountain regions.
4. To conduct isotope and related laboratory analyses of soil, water and sediment samples collected during expert missions (of at least 1000 samples).
5. To conduct integrated watershed assessments.
6. To support regional exchange of knowledge and networking through workshops and meetings.



## DURATION

Four years

## BENEFICIARY COUNTRIES

Member States in Africa, Asia and the Pacific, Europe, and Latin America and the Caribbean.

## EXPECTED OUTCOME

Strengthened evidence-based decision making on land and water management for climate change adaptation in mountainous regions.

## TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	456 791	—
2021	433 973	—
2022	226 500	154 350
2023	147 000	128 350

**Project total: 1 546 964**





# INT6063: Improving Quality of Radiotherapy, Nuclear Medicine and Radiology Services Through the Implementation of Quality Management Programs

## Objective

To improve the quality of Nuclear Medicine, Radiology and Radiation Oncology practice by implementing quality management systems in the clinical practice.

## Project activities

1. To build human capacity in QUANUM, QUAADRIL and QUATRO.
2. To develop training and supplementary material for auditors.
3. To enhance the capacity of the auditors through interregional training courses and workshops.
4. To implement QUATRO, QUANUM and QUAADRIL auditing missions.



## DURATION

Four years

## BENEFICIARY COUNTRIES

Member States in Africa, Asia and the Pacific, Europe, and Latin America and the Caribbean.

## EXPECTED OUTCOME

Improved quality of health care and radiation medicine services in Member States.

## TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	210 000	15 750
2021	343 350	69 825
2022	117 500	288 750
2023	126 000	115 500

**Project total: 1 286 675**





# INT6064: Supporting Member States to Increase Access to Affordable, Equitable, Effective and Sustainable Radiation Medicine Services within a Comprehensive Cancer Control System

## Objective

To improve the readiness of health systems in providing access to affordable, qualitative, effective and sustainable radiation medicine services within a comprehensive cancer control approach.

## Project activities

1. To implement comprehensive cancer control assessments (imPACT reviews) to support planning and implementation of IAEA cancer-related projects.
2. To develop strategic documents on cancer control as a follow up to imPACT reviews, and in support of planning and implementation of IAEA cancer-related projects.
3. Targeted outreach to traditional and non-traditional donors to mobilize resources for unfunded cancer-related activities in Member States or other IAEA projects.



## DURATION

Four years

## BENEFICIARY COUNTRIES

Member States from Africa, Asia and the Pacific, Europe, and Latin America and the Caribbean.

## EXPECTED OUTCOME

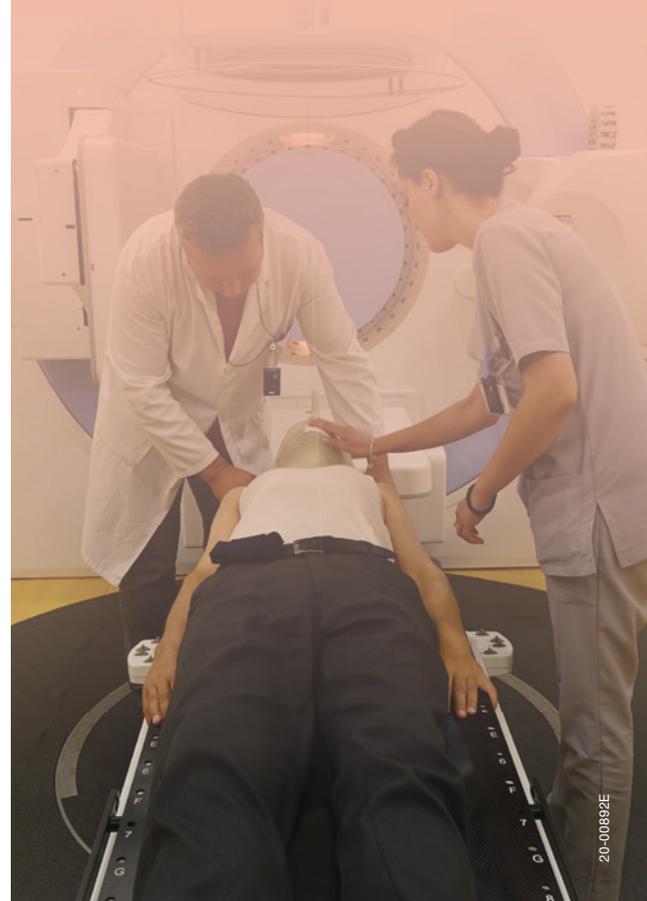
Availability of evidence, strategies and resources for efficient and effective planning and implementation of cancer control capacity development activities in IAEA Member States is improved.

## TOTAL ESTIMATED BUDGET

Budget (EUR) with 7% PSC NOT included

Year	Funded	Unfunded
2020	—	622 650
2021	—	622 650
2022	—	736 050
2023	—	736 050

**Project total: 2 717 400**





# INT7020: Developing Capacity towards the Wider Use of Stable Isotopic Techniques for Source Attribution of Greenhouse Gases in the Atmosphere

## Objective

To enhance evidence-based decision making in support of SDG 13.2 “Integrate climate change measures into national policies, strategies and planning.”

## Project activities

1. Identifying and selecting regional training and service centers.
2. Developing training materials on the use of stable isotope techniques in GHG measurements at three levels and adapting them according to the regional needs and the languages.
3. Providing training in the use of stable isotope techniques in atmospheric observations of greenhouse gases.
4. Analyzing requirements and specific needs by WMO for Quality Assurance.
5. Developing materials on Standard Operating Procedures and Quality Control /Quality Assurance for measurements and calibrations.



## DURATION

Four years

## BENEFICIARY COUNTRIES

Member States in Africa, Asia and the Pacific, Europe, and Latin America and the Caribbean.

## EXPECTED OUTCOME

Capacity to perform high quality stable isotope measurements and generate data for emission verification of greenhouse gas (GHG) is established.

## TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	218 650	—
2021	226 840	337 465
2022	100 375	87 465
2023	138 875	87 465

**Project total: 1 197 135**





## INT9185: Establishing an Arab Network for Environmental Radiation Monitoring and Early Warning

### Objective

To develop a network of radiation monitoring systems in the participating countries for environmental monitoring and enhance preparedness and response capabilities to nuclear and radioactive accidents.

### Project activities

1. To build human capacity and technical expertise in environmental radiation monitoring systems for nuclear and radiation emergency preparedness and response.
2. To provide equipment for pilot ERM systems.



### DURATION

Two years

### BENEFICIARY COUNTRIES

Arab Member States.

### EXPECTED OUTCOME

Regional and interregional capabilities with safety requirements pertinent to the preparedness and response for nuclear or radiological emergencies improved or established.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	339 126	—
2021	435 240	150 000

**Project total: 924 366**





## INT9186: Sustaining Cradle-to-Grave Control of Radioactive Sources – Phase II

### Objective

To strengthen the safe, secure and sustainable cradle to grave management of sealed radioactive sources (SRS), including disused sealed radioactive sources (DSRS), to protect health and the environment.

### Project activities

1. To develop a model safety case for predisposal activities of DSRS.
2. To raise awareness of the significance and the requirements for a security plan for DSRS management.
3. To develop a model national strategy for safety and security of SRS.
4. To develop a national strategy for radioactive waste management, including DSRS.
5. To develop transport safety and security plan for SRS.
6. To raise awareness of the existing technologies for SRS management and identify potential gaps.
7. To raise awareness of orphan sources and appropriate recovery strategies.
8. To utilize the tools and technologies for SRS management.
9. To raise awareness of disposal options for DSRS.
10. To establish and maintain national SRS inventories.
11. To raise awareness of centralized storage options for DSRS.
12. To perform high activity source recovery.
13. To develop human resources of participating Member States through e-learning



### DURATION

Four years

### BENEFICIARY COUNTRIES

Member States from Africa, Asia and the Pacific, Europe, and Latin America and the Caribbean.

### EXPECTED OUTCOME

Enhanced national, regional and interregional infrastructure for the safe, secure and sustainable cradle-to-grave management of SRS.

### TOTAL ESTIMATED BUDGET

Budget (EUR) with 7% PSC NOT included

Year	Funded	Unfunded
2020	549 250	515 500
2021	492 450	508 150
2022	518 700	500 000
2023	461 475	500 000

**Project total: 4 045 525**





## RAF0058: Enhancing the Management and Ownership of the Programme (AFRA)

### Objective

To enhance regional cooperation among AFRA Member States for using nuclear science and technology for development under good governance and excellence in management.

### Project activities

1. Continuous evaluation of the AFRA committees.
2. Conducting technical working group meetings.
3. Supporting high level meetings.
4. Sourcing regional expertise and reviewing project scientific consultants.
5. Monitoring the progress of Regional Designated Centres.
6. Identification of potential partnerships to increase funding for AFRA activities.
7. Providing assistance to facilitate trilateral arrangements between AFRA Member States.



### DURATION

Four years

### BENEFICIARY COUNTRIES

Member States from Africa region.

### EXPECTED OUTCOME

Capacity within AFRA states enhanced for the promotion of nuclear science and technology for development.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	248 850	89 250
2021	190 050	196 250
2022	259 350	154 500
2023	204 750	89 250

**Project total: 1 432 250**





# RAF5082: Enhancing Veterinary Diagnostic Laboratory Biosafety and Biosecurity Capacities to Address Threats from Zoonotic and Transboundary Animal Diseases (AFRA)

## Objective

To establish and implement biosafety and biosecurity regulations for and in veterinary diagnostic laboratories and to enhance capacities for bio-threat action.

## Project activities

1. Expert services to develop procedures and documentation and to provide technical support.
2. Risk-based assessment of biosafety and bio security regulations.
3. Designing national biological safety and security (BS&S) regulation.
4. Designing laboratory infrastructure according to BS&S.
5. Implement BS&S in diagnostic processes.
6. Harmonize diagnostic protocols and methods to meet BS&S regulations.
7. Establish a regional bio-threat reduction plan.
8. Establish a network of local experts for dissemination of BS&S standards information to Governments and institutions.
9. Provision of essential laboratory equipment, consumables and reagents.

## DURATION

Five years

## BENEFICIARY COUNTRIES

Member States from Africa region.

## EXPECTED OUTCOME

Biosafety and biosecurity regulations for veterinary laboratories are developed and implemented in each Member States.

## TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	309 950	73 500
2021	500 500	—
2022	252 600	200 000
2023	247 000	91 875
2024	252 500	91 875

**Project total: 2 019 800**





## RAF6055: Improving the Quality of Radiotherapy in the Treatment of Frequently Occurring Cancers (AFRA)

### Objective

To enhance the quality of the delivery of radiotherapy services in AFRA Member States through harmonized clinical training schemes and sensitization of policy makers.

### Project activities

Building the human capacity in the relevant medical institutions in the participating Member States in the following areas:

1. Optimization of 3D radiotherapy in the clinic.
2. Introduction of advanced techniques (IMRT, VMAT, SRS, SRT, SBRT, IGRT).
3. Introduction of 3D Brachytherapy.
4. Participation in the 1st Regional Conference on Medical Physics.
5. Sensitize on QMS.
6. Finalize AFRA document on audits.
7. Implement QUATRO audits.
8. Continuous Professional development Framework developed.
9. Harmonized academic programmes available.
10. Harmonized clinical training programmes available.
11. Framework for recognition of clinically qualified medical physicists developed.



### DURATION

Four years

### BENEFICIARY COUNTRIES

Member States from Africa region.

### EXPECTED OUTCOME

Enhanced capacity of radiation medicine professionals to treat existing and new cancer cases in Africa using new techniques.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	353 325	31 500
2021	519 750	—
2022	275 625	31 500
2023	154 350	65 625

**Project total: 1 431 675**





Health and  
Nutrition

## RAF6056: Supporting Human Resources Development in Radiation Medicine (AFRA)

### Objective

To strengthen the treatment of cancer through the training and education of radiation medicine professionals in AFRA States.

### Project activities

1. Reviewing regional designated centers (RDCs) delivery of training in radiation medicine.
2. Training of fellows in radiation medicine.
3. Procurement of small equipment to support training.
4. Developing a mechanism to monitor the impact of programmes on careers of fellows.
5. Developing and revising curricula where needed.
6. Drafting HR Strategy in radiation medicine.



Technical  
Cooperation  
Programme

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### DURATION

Four years

### BENEFICIARY COUNTRIES

Member States from Africa region.

### EXPECTED OUTCOME

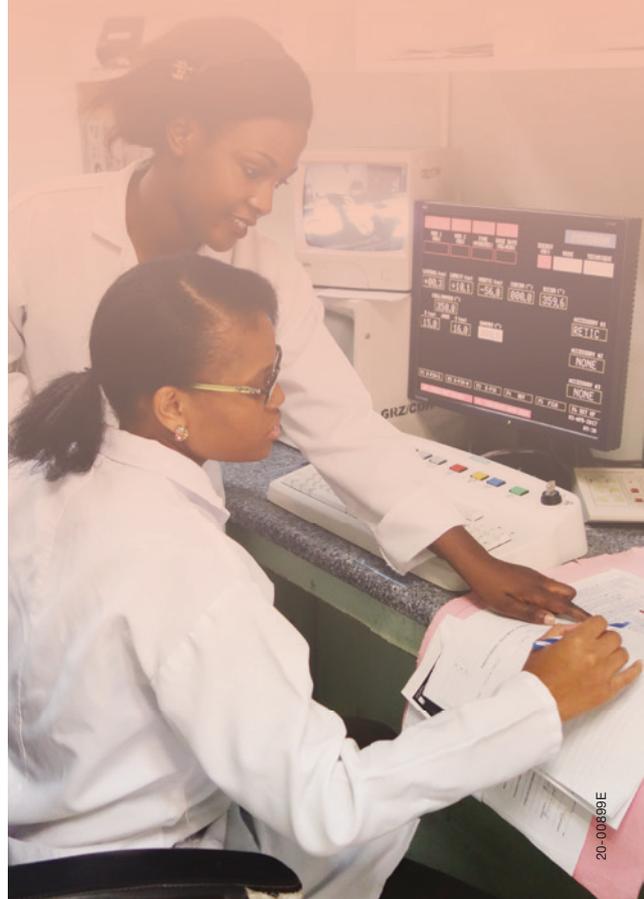
Highly qualified and clinically ready radiation medicine professionals available to deliver cancer treatment services in Africa.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	710 880	68 040
2021	724 907	102 060
2022	675 170	34 020
2023	469 580	—

**Project total: 2 784 657**





## RAS0086: Enhancing the Management and Implementation of Activities under the Framework (RCA)

### Objective

To enhance the overall continuing development, improvement and sustainability of the RCA and its programme to support the RCA Medium Term Strategy (2018-2023) and the related UN Sustainable Development Goals (SDGs).

### Project activities

1. Holding meetings related to increase synergies between RCA and other TC initiatives in 2021.
2. Providing expert support for specific training and information needs of newly joining States Parties and least developed countries (LDCs).
3. Supporting social and economic impact assessment of the RCA programme.



### DURATION

Two years

### BENEFICIARY COUNTRIES

States Parties to RCA agreement from Asia and the Pacific region.

### EXPECTED OUTCOME

Revised and amended policies, processes and procedures that enhance the effective and efficient management and operation of the RCA and its programme, including the means to address the requirements and obligations set out in the RCA MTS (2018-2023) and the related UN Sustainable Development Goals (SDGs) and cooperative activities under the TC Programme.

### TOTAL ESTIMATED BUDGET

Budget (EUR) with 7% PSC NOT included

Year	Funded	Unfunded
2020	158 550	183 750
2021	258 300	89 250

**Project total: 689 850**





## RAS1026: Strengthening Nuclear Instrumentation Capacity in the Areas of Nuclear Sciences and Applications

### Objective

To improve the instrumentation infrastructure, develop networking and strengthen cooperation for effective nuclear research and technology applications in the region.

### Project activities

1. Establishment of a network of laboratories and experts in electronics topics.
2. Establishment of a database of technology information, developments and solutions in Asia and Pacific Region.
3. Creation of a portal or hotline where technical questions on operation, maintenance, and upgrades of diverse instrumentation can be addressed through advice and assistance from the regional experts.
4. Holding a regional training in advanced electronics techniques, QA and validation.
5. Fielding of expert missions to provide recommendations for solving specific needs.
6. Procurement of training kits for electronics development.



### DURATION

Two years

### BENEFICIARY COUNTRIES

Member States from Asia and the Pacific region.

### EXPECTED OUTCOME

Enhanced capabilities for effective maintenance, operation and development of nuclear instrumentation in the region.

### TOTAL ESTIMATED BUDGET

Budget (EUR) with 7% PSC NOT included

Year	Funded	Unfunded
2020	352 692	100 000
2021	267 750	100 000

**Project total: 820 442**





## RAS5085: Using Nuclear Derived Techniques in the Early and Rapid Detection of Priority Animal and Zoonotic Diseases with Focus on Avian Influenza

### Objective

To improve diagnostic capacities of priority animal and zoonotic diseases through technical capacity building and knowledge sharing in the Asia Pacific region.

### Project activities

1. Disseminate knowledge, know-how and validated early detection techniques in laboratories of Asian Member States.
2. Disseminate tracing methods for migration of wild birds.
3. Disseminate knowledge and know-how to harmonize procedures for detection and reporting.
4. Disseminate advance technologies for pathogen differentiation in laboratories of participating Member States.



### DURATION

Four years

### BENEFICIARY COUNTRIES

Member States from Asia and the Pacific region.

### EXPECTED OUTCOME

Preparedness of the veterinary services for detection and rapid response to priority and emerging animal diseases are significantly improved.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	444 737	105 000
2021	418 303	—
2022	410 250	—
2023	336 750	—

**Project total: 1 415 040**





# RAS9092: Strengthening the Capacity to Respond to Radiological Emergencies of Category II and III Facilities (RCA)

## Objective

To ensure radiation safety for workers and the public during nuclear or radiological emergencies in the RCA region.

## Project activities

1. Building human capacity of regulators and operators who are qualified in the field of radiation protection strategies for emergencies of category II and III facilities.
2. Establishing an expert network as an online platform on RCARO website.
3. Development of a handbook of pilot cases of protection strategies for emergencies of category II and III facilities.



## DURATION

Four years

## BENEFICIARY COUNTRIES

States Parties to RCA from Asia and the Pacific region.

## EXPECTED OUTCOME

Capabilities developed among operators and national regulatory authorities (NRAs) in the RCA Government Parties for establishing adequate emergency preparedness and response procedures for category II and III facilities, using a graded approach.

## TOTAL ESTIMATED BUDGET

Budget (EUR) with 7% PSC NOT included

Year	Funded	Unfunded
2020	—	107 100
2021	—	107 100
2022	—	21 000
2023	—	89 250

**Project total: 324 450**





Energy

# RER2017: Reassessing the Role of Low Carbon Energy Technologies for Climate Change Mitigation

## Objective

To contribute to low carbon and reduced fossil fuel import dependent electricity and heat generation in support of achieving national emission reduction targets.

## Project activities

1. Building capacity and exchanging experience on all aspects of evaluating and assessing energy technologies.
2. Developing case studies on topics covered under this project of interest and national relevance for participating Member States.
3. Exchanging knowledge and experience in all issues related to SMRs.
4. Building capacity in practical fundamentals of safe, secure and sustainable nuclear power generation for low carbon development.



## DURATION

Two years

## BENEFICIARY COUNTRIES

Member States from Europe region.

## EXPECTED OUTCOME

Competences in major fields of low-carbon energy technologies increased.

## TOTAL ESTIMATED BUDGET

Budget (EUR) with 7% PSC NOT included

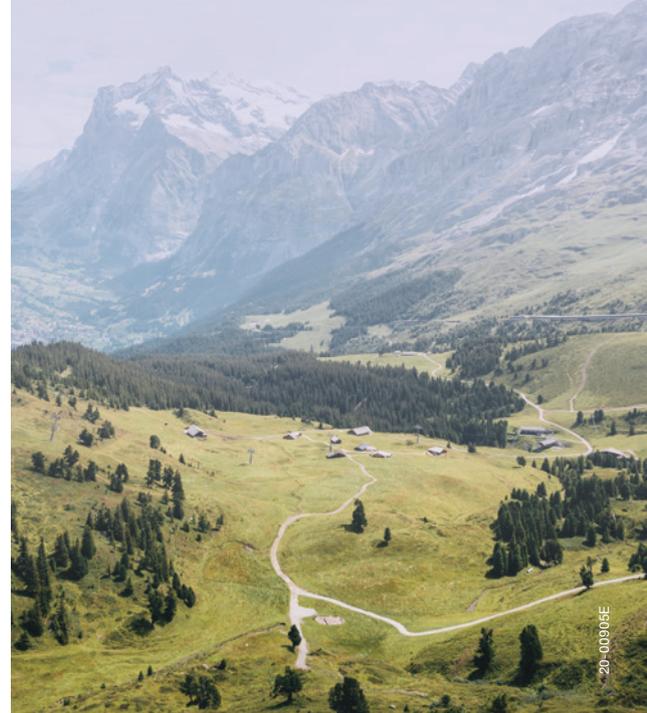
Year	Funded	Unfunded
2020	223 125	267 435
2021	282 450	267 435

**Project total: 1 040 445**



Technical  
Cooperation  
Programme

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## RER2025: Improving Early Detection and Rapid Response to Potential Outbreaks of Priority Animal and Zoonotic Diseases

### Objective

To contribute to improving animal health while reducing public health threats from the spread of diseases transmitted by animal arthropod vectors, as well as the other priority transboundary animal diseases (TADs) in the region.

### Project activities

1. Building and enhancing the capabilities of the participating MSs to perform early and rapid disease diagnosis of targeted priority animal and zoonotic diseases.
2. Building and enhancing capabilities to perform early and rapid disease diagnosis of neglected animal and zoonotic vector borne diseases.
3. Epidemiological and diagnostic techniques and tools integrated into the official monitoring and disease control/ surveillance plans.



### DURATION

Two years

### BENEFICIARY COUNTRIES

Member States from Europe region.

### EXPECTED OUTCOME

Early detection and rapid response to potential outbreaks of priority animal and zoonotic diseases improved.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	276 915	60 580
2021	258 885	40 000

**Project total: 636 380**





## RER5026: Enhancing the Capacity to Integrate Sterile Insect Technique in the Effective Management of Invasive Aedes Mosquitoes

### Objective

To protect human health from mosquito-borne diseases and to contribute to improve the quality of life.

### Project activities

1. Establishing awareness and support of the policy makers and other stakeholders.
2. Enhancing the capacity in mosquito mass rearing and sterilizing technique and releasing of sterile males and monitoring results.
3. Conducting feasibility studies for informed decision on pilot mass rearing facilities or importation of sterile males.
4. Harmonizing the methodology and adaptation of standard operating procedures (SOPs) in the European context.



### DURATION

Three years

### BENEFICIARY COUNTRIES

Member States from Europe region.

### EXPECTED OUTCOME

Capabilities of participating Member States improved to enhance application of SIT within their integrated environment-friendly mosquito control methods for invasive Aedes mosquito.

### TOTAL ESTIMATED BUDGET

Budget (EUR) with 7% PSC NOT included

Year	Funded	Unfunded
2020	—	354 800
2021	—	133 350
2022	—	131 500

**Project total:**

**619 650**





## RER7013: Evaluating Groundwater Resources and Groundwater-Surface-Water Interactions in the Context of Adapting to Climate Change

### Objective

To enhance evidence-based decision making in support of SDG target 6: “By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate.”

### Project activities

1. Improving technical capacity of participating isotope hydrology institutions.
2. Establishing monitoring network.
3. Sampling, sample analyses and development of analytical reports.
4. Developing comprehensive analyses on hydrology infrastructure.
5. Implementing IWAVE in selected Member States.



### DURATION

Four years

### BENEFICIARY COUNTRIES

Member States from Europe region.

### EXPECTED OUTCOME

Enhanced scientific basis for evidence-based decision-making in integrated water management, provided by improved characterization, and monitoring of groundwater resources.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	224 950	10 000
2021	224 230	500 000
2022	151 450	141 750
2023	245 950	141 750

**Project total: 1 654 080**



## RER7014: Improving Environmental Monitoring and Assessment for Radiation Protection in the Region

### Objective

To contribute to radiological protection of the public and the environment in different exposure situations in the region.

### Project activities

1. Building technical and managerial expertise in analytical and sampling techniques for radionuclide analysis.
2. Review status of environmental radiation monitoring programmes and technical capabilities.
3. Increasing awareness, visibility and outreach.
4. Drafting country project action plans to establish or optimize environmental radiation monitoring programmes.
5. Develop capacities in designing and implementing environmental monitoring programmes.
6. Participate in IAEA Proficiency Tests (PT) on radionuclide measurement.
7. Develop and apply QA/QC procedures.
8. Conduct data analysis, interpretation, reporting and communication.
9. Develop recommendations for improving legal framework and regulations for environmental radiation monitoring.

### DURATION

Five years

### BENEFICIARY COUNTRIES

Member States from Europe region.

### EXPECTED OUTCOME

Improved environmental monitoring and assessment for radiation protection in the region according to the international requirements and guidelines.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	210 300	838 200
2021	905 342	750 000
2022	164 997	40 500
2023	191 973	59 610
2024	103 950	31 500

**Project total: 3 122 072**





## RLA0065: Furthering Knowledge Management Implementation in Nuclear Organizations and Strengthening Nuclear Education

### Objective

To strengthen availability of nuclear expertise and knowledge in the region to a sustainable and regionally self-reliant degree.

### Project activities

1. Developing and sharing educational tools and products.
2. Promoting networking and coordination among educators.
3. Implement outreach activities.
4. Provision of targeted knowledge management assistance.
5. Provision of nuclear knowledge management training.



### DURATION

Three years

### BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

### EXPECTED OUTCOME

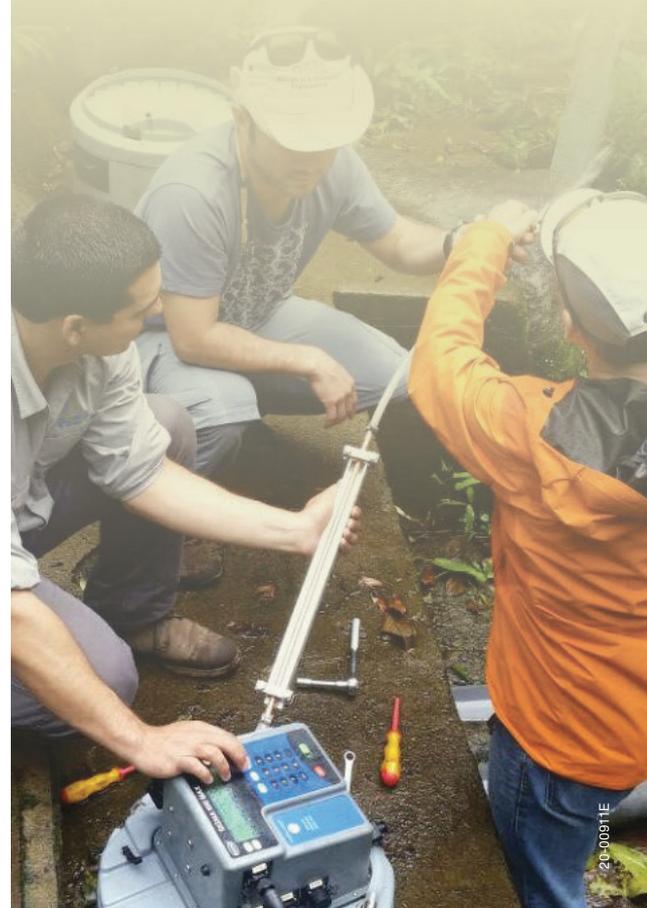
A sufficient and sustainable basis of nuclear expertise and knowledge is established in the region.

### TOTAL ESTIMATED BUDGET

Budget (EUR) with 7% PSC NOT included

Year	Funded	Unfunded
2020	—	37 275
2021	116 550	81 270
2022	105 000	36 750

**Project total: 376 845**





## RLA0066: Strengthening the Planning, Design and Monitoring of the Programme to Support the Implementation of Strategic Activities for Nuclear Technology and its Applications

### Objective

To strengthen the application of the peaceful uses of nuclear technology in participating Member States in Latin America and the Caribbean and contribute to the achievement of Sustainable Development Goal (SDG) 17 “Partnership for the goals”.

### Project activities

1. Preparing and updating country programme frameworks (CPFs) and participating in UNDAF processes, as needed.
2. Identifying potential areas for the TCLAC programme.
3. Building capacity in Member States in project design, implementation and monitoring according to IAEA standards.
4. Supporting activities related to IAEA cross-cutting strategic areas.
5. Building capacities to respond adequately to arising emergency situations in their respective country or region.



### DURATION

Two years

### BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

### EXPECTED OUTCOME

TC Programme formulated and implemented for Member States in Latin America and the Caribbean in compliance with TC policy and quality criteria.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	226 720	718 740
2021	141 800	280 900

**Project total: 1 368 160**





## RLA0068: Strengthening Regional Cooperation (ARCAL CLXXIII)

### Objective

To enhance regional cooperation by establishing mechanisms aimed at strengthening technical cooperation among developing countries and the regional programming for Latin America and the Caribbean, through ensuring the quality of the ARCAL programme and promoting communication and partnerships in the region.

### Project activities

1. Support the implementation of the regional strategy for establishing and enhancing partnerships.
2. Establishing a regional strategy for establishing and enhancing partnerships and preparing target-oriented outreach material.
3. Upgrading communication's mechanisms and tools.
4. Building regional capacity in planning, monitoring and coordinating the regional TC programme in line with TC quality criteria.



### DURATION

Two years

### BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

### EXPECTED OUTCOME

Impact, visibility and participation in the regional programme for Latin America and the Caribbean enhanced.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	194 250	31 500
2021	144 900	142 800

**Project total: 513 450**





## RLA0069: Promoting Strategic Management and Innovation at National Nuclear Institutions through Cooperation and Partnership Building – Phase II (ARCAL CLXXII)

### Objective

To strengthen the capacity of nuclear institutions to become technically and financially self-reliant, thus contributing to socioeconomic development.

### Project activities

1. Building capacity in strategic management of national nuclear institutions (NNIs), including the development of business plans, optimization of services and innovation.
2. Establishing network of NNIs.
3. Initiating demonstration case with selected NNIs.
4. Assisting the NNIs to perform self-assessment using the ARCAL Guidelines.
5. Updating the status of sustainability in the NNIs of the region and identify the NNIs willing to develop and implement strategic action plans and Business Plans.
6. Supporting NNIs party to the Network to develop and implement cooperative activities aimed at enhancing their sustainability in the region.

### DURATION

Two years

### BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

### EXPECTED OUTCOME

Sustainability of national nuclear institutions in the region of Latin America and the Caribbean strengthened.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	124 950	36 750
2021	100 485	73 500

**Project total: 335 685**





Industrial Applications/  
Radiation Technology

# RLA1017: Applying Nuclear Analytical Techniques to Forensics for Analysing Firearms Crime Evidence

## Objective

To improve the criminal prosecution processes to combat firearm related crime by using Nuclear and Related Analytic Techniques.

## Project activities

1. Building capacity in applying nuclear technologies, on different material associated with gunshot residues of firearms.
2. Providing accessories and minor equipment.
3. Developing methodologies for organic and inorganic gunshot residues analysis.
4. Developing harmonized and analytical procedure and protocols.



Technical  
Cooperation  
Programme

For more information, please refer to the document "Technical Cooperation: The Agency's Proposed programme for 2020-2021" as produced in GOV/2019/47 and its attachments.



## DURATION

Two years

## BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

## EXPECTED OUTCOME

Capacity in forensic analysis of evidences related to firearms improved.

## TOTAL ESTIMATED BUDGET

Budget (EUR) with 7% PSC NOT included

Year	Funded	Unfunded
2020	140 280	—
2021	130 850	491 000

**Project total: 762 130**





## RLA1019: Strengthening Capabilities for the Utilization of Nuclear and Radiation Technology to Characterize, Conserve and Preserve the Cultural Heritage (ARCAL CLXVII)

### Objective

To develop and apply an integrated approach for increased preservation of cultural heritage in the Latin-America and Caribbean region based on nuclear techniques and technologies.

### Project activities

1. Establishing and formalizing collaborative agreements at the national and regional levels.
2. Developing capacities in radiation treatment for the conservation of cultural objects.
3. Establishing and harmonizing analytical procedures and techniques for efficient characterization and dating.
4. Studying cultural objects and artefacts by nuclear analytical techniques to identify manufacture practices, age, provenance and trading routes.
5. Establishing and harmonizing analytical procedures and techniques for effective conservation.
6. Enhancing the bilateral and multilateral cooperation and improved utilization of existing facilities in the region.



### DURATION

Two years

### BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

### EXPECTED OUTCOME

Utilization of nuclear analytical techniques for the characterization, dating and conservation of cultural heritage improved and harmonized.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	200 050	77 250
2021	129 280	71 400

**Project total: 477 980**





## RLA5079: Applying Radio- Analytical and Complementary Techniques to Monitor Contaminants in Aquaculture (ARCAL CLXXI)

### Objective

To contribute to increasing safe and sustainable aquaculture-food production in Latin America and the Caribbean Countries.

### Project activities

1. Building the capacity in nuclear/isotopic techniques or methods for water quality for/from safe aquaculture in the participating MSs.
2. Building the capacity in nuclear/isotopic techniques or methods for safe feed and aquaculture food implemented among participants.
3. Generating multimedia to make information available to stakeholder and general population on nuclear/isotopic and complementary techniques or methods for aquaculture sustainability and food safety as well.
4. Promoting the use of social networks for the diffusion on nuclear/isotopic and complementary techniques or methods in aquaculture sustainability and food safety.



### DURATION

Two years

### BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

### EXPECTED OUTCOME

Improved programmes for determination of levels and distribution patterns of contaminants in aquaculture production and products and implementation of protocols for better practices.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	239 900	161 550
2021	143 800	44 200

**Project total: 589 450**





# RLA5081: Improving Regional Testing Capabilities and Monitoring Programmes for Residues/Contaminants in Foods Using Nuclear/Isotopic and Complementary Techniques (ARCAL CLXX)

## Objective

To enhance the safety of foodstuff in Latin America and the Caribbean and where possible boost trade of foodstuff.

## Project activities

1. Developing validation protocols according to international guidelines.
2. Training personnel and validate methodologies in the analysis of residues and contaminants.
3. Facilitating interlaboratory studies and proficiency test schemes.
4. Training and raising awareness on the implementation of regulatory and monitoring standards.
5. Strengthening the monitoring program in each country.
6. Generating food safety monitoring data.
7. Disseminating the results of monitoring data.



## DURATION

Two years

## BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

## EXPECTED OUTCOME

Food safety control capabilities improved.

## TOTAL ESTIMATED BUDGET

Budget (EUR) with 7% PSC NOT included

Year	Funded	Unfunded
2020	199 050	60 000
2021	102 125	95 550

**Project total: 456 725**





# RLA5082: Strengthening Food Security through Efficient Pest Management Schemes Implementing the Sterile Insect Technique as a Control Method

## Objective

To improve and increase fruit and vegetable production using the Sterile Insect Technique and other leading-edge techniques, facilitating its commercialization.

## Project activities

1. Establishing phytosanitary risk management schemes for the production and export of fruit and vegetable products.
2. Selecting feasible productive areas for the application of an Integrated Pest Management with a sterile insect technique component.
3. Developing infrastructure for packaging and release of sterile insects (packing centers).
4. Establishing and maintaining low prevalence and pest-free areas.
5. Establishing and maintaining a surveillance system based on the risk factor model.
6. Carrying out emergency plan drills against outbreaks of pests of quarantine importance.
7. Carrying out technical audits of surveillance systems and response capacity.
8. Establishing diagnostic laboratories to identify fruit fly species of quarantine importance.
9. Upgrading the sterile insect packing and release technology.
10. Building human capacity in leading-edge technologies for the application of the SIT.
11. Harmonizing procedures in compliance with International Standards of Phytosanitary Measures (ISPMs) related to fruit flies and other high-priority quarantine pests for participating countries.
12. Developing a communication and dissemination plan of the project and the SIT as a control method to suppress and eradicate invasive pests.

## DURATION

Two years

## BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

## EXPECTED OUTCOME

Improved techniques in the prevention and control of fruit flies and other regulated pests using leading-edge technology including SIT.

## TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	269 325	105 750
2021	228 375	56 725

**Project total: 660 175**





# RLA5083: Enhancing Capacity for the Use of the Sterile Insect Technique as a Component of Mosquito Control Programs

## Objective

To build capacity in the Latin America and Caribbean region for the use of the Sterile Insect Technique (SIT) as a component of integrated vector control programs.

## Project activities

1. Building capacity through training on: mass rearing, sex separation, sterilization, packing, transport, release, monitoring, and quality control of mosquitos.
2. Providing equipment and material of field, lab and mass rearing.
3. Site selection, implementation of pilot trials and monitoring of trials.



## DURATION

Two years

## BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

## EXPECTED OUTCOME

Capacity for using SIT as a component of mosquito control programs to reduce mosquito populations are established and strengthened.

## TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	240 575	695 125
2021	201 590	106 155

**Project total: 1 243 445**





# RLA5084: Developing Human Resources and Building Capacity of Member States in the Application of Nuclear Technology to Agriculture

## Objective

To raise awareness among participating Member States of the various applications of nuclear science and technology in agriculture as well as develop their human resource and institutional capacity in the use of these technologies towards the Region's effort to improve agricultural productivity.

## Project activities

1. Supporting the establishment of laboratory networks among regional animal health, plant health and food safety laboratories.
2. Supporting activities to strengthen database(s) to house laboratory network information.
3. Conducting needs assessment to identify existing capabilities in the areas of plant mutation breeding, biotechnology and water and nutrient use efficiency in the region.
4. Building human resource capacity in mutation induction and mutation breeding, invitro techniques and micropropagation, and soil, nutrient and water management best practices for agricultural crops.
5. Conduct needs assessment to identify existing capabilities in the use of integrated pest management including the SIT in the region.
6. Building human capacity in pest prevention, including systematic operation of pest surveillance networks and emergency response, particularly in the use of integrated pest management (IPM) and SIT.
7. Conduct needs assessment to identify existing capabilities related to animal breeding, improved animal nutrition and rapid disease diagnosis in the region.
8. Building human capacity in early and rapid detection of animal diseases, and genetic characterization and breeding improvement in livestock.
9. Capacity building in the use of new techniques in food traceability and food authenticity.
10. Conducting sensitization sessions to raise awareness on the use of nuclear applications related to Food Safety and Agriculture
11. Producing awareness material on the application of nuclear technology in the priority areas of the project.

## DURATION

Three years

## BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

## EXPECTED OUTCOME

Improved awareness, knowledge and application of nuclear science and technology within the agriculture sector of Member States in the Caribbean Region.

## TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	124 910	—
2021	77 490	94 860
2022	73 240	104 790

**Project total: 475 290**





## RLA6082: Strengthening Regional Capabilities in the Provision of Quality Services in Radiotherapy (ARCAL CLXVIII)

### Objective

To contribute to increasing the quality of life of cancer patients through strengthened radiotherapy services.

### Project activities

1. Establish structured and harmonized clinical training for Medical Physics (MPs) in the region.
2. Establish structured and harmonized clinical training for Radiation Oncologists (ROs) and Radiation Therapists (RTTs) in the region.
3. Develop guidelines and protocols.
4. Disseminate protocols and guidelines among the participating countries.
5. Train internal auditors' teams.
6. Implement external quality audits.
7. Elaborate and divulgate information and documents regarding the project activities with the status of hybrid imaging.



### DURATION

Three years

### BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

### EXPECTED OUTCOME

Services of radiotherapy treatments homogenized in the region.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	371 280	50 000
2021	227 325	254 625
2022	264 625	181 650

**Project total: 1 349 505**





## RLA6083: Strengthening Nuclear Medicine Capabilities Focusing on Hybrid Imaging for Diagnosis and Therapy of Diseases Including Oncological, Cardiological and Neurological Pathologies (ARCAL CLXIV)

### Objective

To improve the quality of lives of patients by early diagnosis and treatment of oncological and non-oncological diseases in the Latin-American Region, through strengthened services for nuclear medicine hybrid imaging and new theragnostic procedures.

### Project activities

1. Building capacity in hybrid imaging, including indications, acquisition, processing, pitfalls or artefact detection and image interpretation.
2. Establishing processes for therapy control and evaluation using hybrid imaging in recognized theragnostic centres.
3. Updating knowledge of referral physician in current hybrid imaging through participation in specific conferences during other referral specialists' meetings.
4. Raising awareness and providing technical support for PET/CT equipment to comply with international guidelines.



### DURATION

Two years

### BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

### EXPECTED OUTCOME

Improved services in clinical applications of hybrid imaging for diagnosis and therapy provided by participating countries and centres.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	225 850	153 900
2021	149 610	—

**Project total: 529 360**





## RLA7025: Strengthening Capacities in Marine and Coastal Environments Using Nuclear and Isotopic Techniques

### Objective

To contribute to the sustainable conservation and management of oceans, seas and marine resources.

### Project activities

1. Establishing national inter-institutional coordination mechanisms for sustainable marine management.
2. Consolidating a regional network in marine environmental science and communication (REMARCO).
3. Building human and analytical capacities to measure ocean acidification and establish trends in the region.
4. Building human and analytical capacities to measure eutrophication and monitor HAB events in the region.
5. Building human and analytical capacities to measure specific marine pollutants.



### DURATION

Four years

### BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

### EXPECTED OUTCOME

Improved regional capacities for science-based strategies and policies for the sustainable conservation and management of coastal areas and marine resources in Latin America and the Caribbean.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	250 100	220 000
2021	225 202	120 000
2022	240 025	—
2023	240 000	31 500

**Project total: 1 326 827**





## RLA9086: Strengthening Radiation Safety Infrastructure

### Objective

To improve the regulatory and radiation safety infrastructure in Latin America and Caribbean with emphasis on the responsibilities and processes of the regulatory body and on the implementation of the requirements of the IAEA Safety Standards by facilitating exchange of knowledge and experiences.

### Project activities

1. To strengthen the regulatory and technological capacities related to protection of the public focusing on NORM and determination of radionuclides in food.
2. To enhance focal points interactions tending to improve the implementation and dissemination of projects results, including RASIMS.
3. To strengthen regulatory awareness communication and collaboration related to transport of radioactive material.
4. To raise awareness through professional networking in the Disused Sealed Radioactive Sources (DSRS).
5. To enhance the regulatory framework as well as capabilities and knowledge of regulators in line with the new IAEA Safety Standards and related document.
6. To build and maintain competence in Radiation Protection and Nuclear Safety.
7. To enhance regional capabilities and project result visibility through participation in conferences and international congress.



### DURATION

Two years

### BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

### EXPECTED OUTCOME

Radiation safety infrastructure in each Member State strengthened, sustainable and according to IAEA Safety Standards.

### TOTAL ESTIMATED BUDGET

Budget (EUR) with 7% PSC NOT included

Year	Funded	Unfunded
2020	727 020	551 250
2021	700 560	429 450

**Project total: 2 408 280**





## RLA9087: Building Capacity and Sustaining the National Regulatory Bodies

### Objective

To enhance the regulatory infrastructure for the safe use and sustainable management and control of radioactive sources in participating Member States as well as to enhance nuclear knowledge management in the region.

### Project activities

1. Developing and maintaining the national register of radiation sources, (inventory, import and export, and DSRS) in the participating Member States.
2. Supporting participating Member States in drafting the regulations.
3. Supporting the participating Member States in establishing their regulatory bodies.
4. Enhancing the national capacity in the management of DSRS.
5. Strengthening the national capacity for radiation safety and the protection of the end-users.
6. Strengthening the national and regional capacity in radiation emergency preparedness and response through training.



### DURATION

Four years

### BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

### EXPECTED OUTCOME

Strengthened regulatory infrastructures in participating Member States.

### TOTAL ESTIMATED BUDGET

*Budget (EUR) with 7% PSC NOT included*

Year	Funded	Unfunded
2020	128 150	161 700
2021	101 400	246 400
2022	99 960	133 500
2023	107 490	60 000

**Project total: 1 038 600**





# RLA9088: Strengthening Regional Capabilities of End Users and Technical Support Organizations on Radiation Protection as well as Emergency Preparedness and Response in Line with IAEA Requirements

## Objective

To raise the level of compliance with radiation protection requirements with regard to occupational and medical exposure, including calibration capabilities, as well as requirements for emergency preparedness and response.

## Project activities

1. Strengthening regional cooperation and the identification of synergies among Thematic Safety Areas, national and regional efforts ensuring the involvement of relevant stakeholders and the identification of regional networks.
2. Raising awareness on cross-cutting matters in radiation protection of workers and patients.
3. Harmonizing approaches and methodologies and promote assistance networks.
4. Strengthening dosimetry calibration services.
5. Strengthening technical support organizations.
6. Disseminating new material and documents for the safe application of nuclear technology at end-users' facilities and installations.
7. Disseminating project results and providing international visibility.
8. Improving knowledge transfer in the area of safety and radiation protection.



## DURATION

Two years

## BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

## EXPECTED OUTCOME

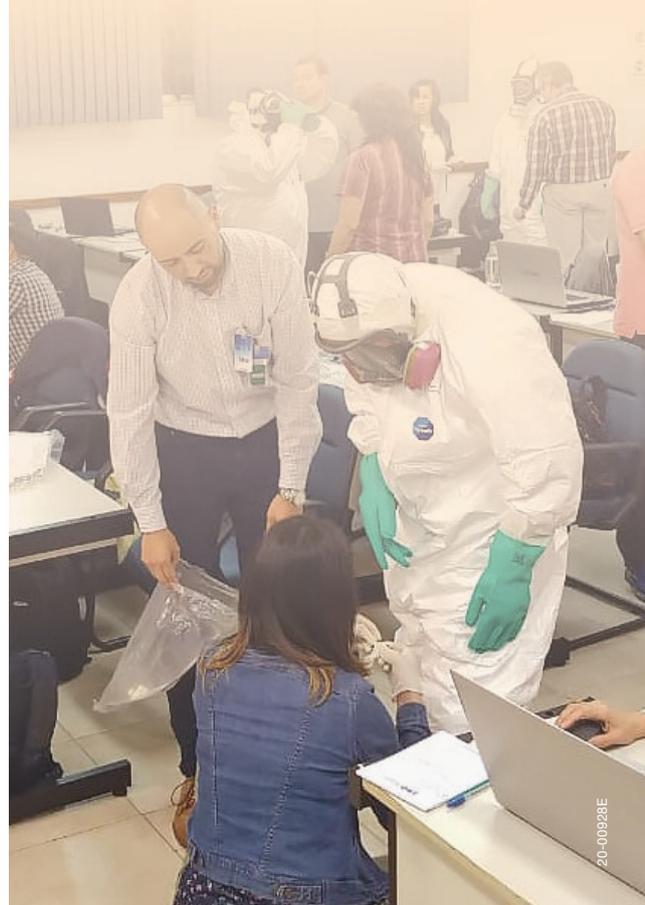
Capabilities and networking of end-users, metrology laboratories and technical support organizations on occupational and medical radiation protection as well as on emergency preparedness and response improved and strengthened in line with IAEA Safety Standards.

## TOTAL ESTIMATED BUDGET

Budget (EUR) with 7% PSC NOT included

Year	Funded	Unfunded
2020	488 250	96 600
2021	364 350	210 525

**Project total: 1 159 725**





## RLA9089: Supporting Nuclear Power Plant Ageing Management, Preparation for Safe Long-Term Operation and Safety Culture Practices

### Objective

To contribute to the safe operation of the NPPs by promoting the prioritization of a sound safety culture, the full implementation of an independent nuclear oversight and a safe operation of the NPPs at each stage of the life cycle.

### Project activities

1. Preparation, implementation and assessment of Safety Aspects of Long-Term Operation (SALTO) missions.
2. Preparation, implementation and assessment of Operational Safety Review Team (OSART) missions and related activities.
3. Supporting assessments and development of continuous improvement programmes on operational safety, leadership and culture for safety.
4. Practical support to ensure strong leadership and culture for safety during change.
5. Strengthening the implementation of nuclear independent oversight among operators.
6. Enhancing the license renewal application assessment.



### DURATION

Two years

### BENEFICIARY COUNTRIES

Member States from Latin America and the Caribbean region.

### EXPECTED OUTCOME

Safety culture practices, independent nuclear oversight, ageing management, and preparedness for safe Long-Term Operations enhanced.

### TOTAL ESTIMATED BUDGET

Budget (EUR) with 7% PSC NOT included

Year	Funded	Unfunded
2020	73 500	122 850
2021	76 650	139 650

**Project total: 412 650**

