



**ARCAL**

**REGIONAL AGREEMENT OF COOPERATION FOR THE PROMOTION OF  
SCIENCE AND NUCLEAR TECHNOLOGY IN LATIN AMERICA AND THE  
CARIBBEAN**

**TECHNICAL COOPERATION REGIONAL PROYECTS  
PROPOSED BY ARCAL  
FOR THE CYCLE 2014-2015**

**XIV MEETING OF THE ARCAL BOARD OF  
REPRESENTATIVES (ORA)**

**SEPTEMBER 17, 2013**

**VIENNA, AUSTRIA**

**ORA2013-04  
SEPTEMBER 2013**



## ARCAL

### ACUERDO REGIONAL DE COOPERACIÓN PARA LA PROMOCIÓN DE LA CIENCIA Y LA TECNOLOGÍA NUCLEAR EN AMERICA LATINA Y EL CARIBE

PROJECT	TITLE	OBJECTIVE	Main Counterparts (DTM)	PARTICIPANT COUNTRIES	BUDGET PROPOSED
<b>RLA0053</b>	Strengthening Regional Cooperation in the Latin America and the Caribbean Region (ARCAL CXXXVIII)	To enhance regional cooperation by establishing mechanisms aimed at strengthening the technical cooperation among developing countries and the regional programming for Latin America and the Caribbean region.	DTM: <b>Maria Paz Caballero González</b> (CHI)	ARG/BOL/ BRA/CHI/COL/ COS/CUB/ DOM/ECU/ ELS/GUA/ HAI/HON/ JAM/MEX/ NIC/PAN/ PAR/PER/ URU/VEN	<b>2014</b> €162 000.00  <b>2015</b> €103 000.00  <b>Total</b> €265 000.00
<b>RLA5064</b>	Strengthening Soil and Water Conservation Strategies at the Landscape Level by Using Innovative Radio and Stable Isotope and Related Techniques (ARCAL CXL)	To provide new data sets, complementing existing ones, to relevant authorities in the region for agricultural planning and strategy.	DTM: <b>Claudio Marcelo Bravo Linares</b> (CHI)	ARG/BOL/ BRA/CHI/COL/ COS/CUB/ DOM/ECU/ ELS/GUA/HAI/ JAM/MEX/ NIC/PAN/PAR/ PER/URU/VEN	<b>2014</b> €216 934.00  <b>2015</b> €235 600.00  <b>Total</b> €452 534.00
<b>RLA5065</b>	Improving Agricultural Production Systems Through Resource Use Efficiency (ARCAL CXXXVI)	To enhance food security and environmental protection through the establishment of sustainable agricultural systems with enhanced nutrient use efficiency.	DTM: <b>Carlos Honorio Perdomo</b> (URU)	ARG/BOL/ BRA/CHI/COS/ CUB/DOM/ ECU/GUA/ MEX/NIC/ PAR/URU/ VEN	<b>2014</b> €214 200.00 <b>2015</b> €196 300.00 <b>2016</b> €126 300.00 <b>2017</b> €65 000.00 <b>Total</b> €601 800.00



## ARCAL

### ACUERDO REGIONAL DE COOPERACIÓN PARA LA PROMOCIÓN DE LA CIENCIA Y LA TECNOLOGÍA NUCLEAR EN AMERICA LATINA Y EL CARIBE

PROJECT	TITLE	OBJECTIVE	Main Counterparts (DTM)	PARTICIPANT COUNTRIES	BUDGET PROPOSED
<b>RLA6072</b>	Supporting Capacity Building of Human Resources for a Comprehensive Approach to Radiation Therapy (ARCAL CXXXIV)	To improve the quality of radiation therapy by strengthening the training of professionals.	DTM: <b>Thais Morella Rebolledo de Abache</b> (VEN)	ARG/BOL/ BRA/CHI/COL/ COS/CUB/ DOM/ECU/ ELS/GUA/ HON/MEX/ NIC/PAN/PAR/ PER/URU/VEN	<b>2014</b> €279 000.00
					<b>2015</b> €306 000.00
					<b>2016</b> €179 000.00
					<b>2017</b> €329 000.00
					<b>Total</b> €1 093 000.00
<b>RLA6074</b>	Supporting the Development of Regionally Produced Radiopharmaceuticals for Targeted Cancer Therapy through the Sharing of Capabilities, Knowledge, Improvement of Facilities, Networking and Training (ARCAL CXXXVII)	To improve treatment and quality of life of cancer patients.	DTM: <b>René Leyva Montaña</b> (CUB)	ARG/BRA/CHI /COL/COS/ CUB/ECU/ GUA/MEX/ NIC/PAR/PER/ URU/VEN	<b>2014</b> €242 500.00
					<b>2015</b> €195 000.00
					<b>2016</b> €220 000.00
					<b>Total</b> €657 500.00



## ARCAL

### ACUERDO REGIONAL DE COOPERACIÓN PARA LA PROMOCIÓN DE LA CIENCIA Y LA TECNOLOGÍA NUCLEAR EN AMERICA LATINA Y EL CARIBE

PROJECT	TITLE	OBJECTIVE	Main Counterparts (DTM)	PARTICIPANT COUNTRIES	BUDGET PROPOSED
<b>RLA6075</b>	Supporting Diagnosis and Treatment of Tumours in Paediatric Patients (ARCAL CXXXIII)	To strengthen the clinical applications of diagnostic imaging modalities and radionuclide therapies and appropriate use in paediatric and adolescent cancer patients in Latin America, with special focus on neuroendocrine tumours, lymphomas and differentiated thyroid carcinoma.	DTM: <b>Juan Perfecto Oliva Gonzáles</b> (CUB)	ARG/BOL/ BRA/CHI/COL/ COS/CUB/ECU /MEX/PAR/ PER/URU	<b>2014</b> €192 000.00
					<b>2015</b> €128 000
					<b>2016</b> €158 500
					<b>Total</b> €478 500
<b>RLA7018</b>	Improving Knowledge of Groundwater Resources to Contribute to their Protection, Integrated Management and Governance (ARCAL CXXXV)	To improve the availability and quality of groundwater resources in Latin America.	DTM: <b>Ms Emilia Maria Bocanegra</b> (ARG)	ARG/BOL/ BRA/CHI/COL/ COS/CUB/ECU /HON/MEX/ NIC/PAR/URU/ VEN	<b>2014</b> €104 000.00
					<b>2015</b> €140 000.00
					<b>2016</b> €290 000.00
					<b>2017</b> €20 000.00
<b>Total</b> €554 000.00					



## ARCAL

### ACUERDO REGIONAL DE COOPERACIÓN PARA LA PROMOCIÓN DE LA CIENCIA Y LA TECNOLOGÍA NUCLEAR EN AMERICA LATINA Y EL CARIBE

PROJECT	TITLE	OBJECTIVE	Main Counterparts (DTM)	PARTICIPANT COUNTRIES	BUDGET PROPOSED
<b>RLA7019</b>	Developing Indicators to Determine the Effect of Pesticides, Heavy Metals and Emerging Contaminants on Continental Aquatic Ecosystems Important to Agriculture and Agroindustry (ARCAL CXXXIX)	To improve the quality of life in Latin America through proper management of water resources.	DTM: <b>Karla María Ruíz Hidalgo</b> (COS)	ARG/BOL/ BRA/CHI/COS/ CUB/ECU/ GUA/MEX/ NIC/PAN/URU	<p><b>2014</b> €322 500.00</p> <p><b>2015</b> €293 000.00</p> <p><b>2016</b> €165 000.00</p> <p><b>2017</b> €210 500.00</p> <p><b>Total</b> €991 000.00</p>