

## Regional Project Concept Template (Category A)

The information contained in this template should be uploaded to the PCMF IT platform by the Chair of the relevant regional cooperative agreement or the NLO of the Member State submitting the concept by **31 May 2014** at the latest. Based on this information the IAEA will assess whether this project concept is in line with the TC quality criteria and requirements. Concepts positively appraised will be further developed into full project documents during the design phase.

<b>Region:</b>	Latin America and the Caribbean		
<b>Regional/Cooperative agreement</b> (if applicable)		<b>Priority no. given by regional/cooperative agreement</b> (for concepts proposed under the auspices of regional cooperative agreements)	
<b>Title</b>	Strengthening country capacity to improve the food quality and safety focussed on pesticides residues.		
<b>Field of activity</b>			
<b>Regional project category<sup>1</sup></b>	<input type="checkbox"/> <i>Transnational</i> <input type="checkbox"/> <i>Regional standard setting</i> <input type="checkbox"/> <i>Capacity building for developing countries</i> <input type="checkbox"/> <i>Joint TC activities with a regional or international entity</i>		
<b>Names and contact details of project counterparts and counterpart institutions (starting with the main counterpart)</b>	<p>Main Counterpart:  Ministerio de Ganadería, Agricultura y Pesca  Dirección General de Servicios Agrícolas  División Análisis y Diagnóstico  Laboratorio Químico</p> <p style="text-align: center;">Address: Millán 4703  City: Montevideo Postal: 12900  Country: URUGUAY  Phone: 00 598 2 3098410 int. 152</p> <p>Institutional e-mail: <a href="mailto:dgssaa.direccion@mgap.gub.uy">dgssaa.direccion@mgap.gub.uy</a>  Institutional page web: <a href="http://www.mgap.gub.uy/DGSSAA/">www.mgap.gub.uy/DGSSAA/</a></p> <p style="text-align: center;"><u>Contact : Q.F. Graciela Fiorentino</u></p> <p>Sexo. Fx M<input type="checkbox"/>  Surnames: Fiorentino Bruno; Names: Clementina Graciela  Charge: Chief of Department "Laboratorios Químicos"  Professional phone: 0059823098410 int 238  Professional e-mail: <a href="mailto:gfiorentino@mgap.gub.uy">gfiorentino@mgap.gub.uy</a>  Private phone: 00598 2 3363032  Celular: 00598 99 170 448  Private e-mail: <a href="mailto:gfiorentino@gmail.com">gfiorentino@gmail.com</a></p> <p style="text-align: center;"><u>Alternate contact : Q.F. Susana Franchi</u></p> <p>Sexo. Fx M<input type="checkbox"/>  Surnames: Franchi Andreoletti; Names: Susana María  Charge: Chief of Area "Residuos de Plaguicidas"  Professional phone: 0059823098410 int 238  Professional e-mail: <a href="mailto:sfranchi@mgap.gub.uy">sfranchi@mgap.gub.uy</a>  Private phone: 00598 2 3364717  Celular: 00598 94 607 795  Private e-mail: <a href="mailto:susana_franchi@yahoo.com">susana_franchi@yahoo.com</a></p>		

<sup>1</sup> See the document entitled "Policy and Procedures for TC Regional Projects" at:  
[http://pcmf.iaea.org/DesktopModules/PCMF/docs/2014\\_15\\_Docs/notes/Regional\\_TC\\_Project\\_Policy.pdf](http://pcmf.iaea.org/DesktopModules/PCMF/docs/2014_15_Docs/notes/Regional_TC_Project_Policy.pdf).

<p><b>Analysis of regional Gap/problems/needs</b></p>	<p>Give an in-depth analysis of the major problems/needs to be addressed by the project, as well as of their causes and effects; and explain how these are linked to regional development plans or frameworks (or equivalent). Refer to past efforts made in addressing these problems/needs, if any, and explain how the current project proposal builds upon them. Attach any supporting documents (e.g. texts of regional development plans).</p> <p><i>The “Dirección General de Servicios Agrícolas” have substantive tasks, founded by Law No. 16,170 of the year 1990, to prohibit the use, sale and export of vegetables, vegetables products or by-products of vegetables origin contaminated with pesticide residues at levels above those set out in the Codex Alimentarius , or by the particular requirements of the destination countries.</i></p> <p><i>On April 13, 2012 the “Dirección General de Servicios Agrícolas” formalized by Resolution No. 009 dated 13/04/12 the establishment of a working team Inter-Institutional, to develop and coordinate the implementation of national Surveillance Plan for Pesticide Residues in products of vegetable origin of national production for domestic consumption and export as well as for imported products and environmental samples (soil and water).</i></p> <p><i>The purpose of the Plan is: "To help ensure the health of the population and international trade for compliance with MRLs in vegetable's origin."</i></p> <p><i>In this Plan besides the laboratory of the “Dirección General de Servicios Agrícolas”, are also participating the “Laboratorio Tecnológico del Uruguay”, the “Catedra de Farmacognosia - Facultad de Química”, and the “Laboratorio de Bromatología - Intendencia Municipal de Montevideo”.</i></p> <p><i>Although several efforts have been made, the Pesticide Residue Laboratory of the “Dirección General de Servicios Agrícolas” is not yet accredited according to ISO 17025.</i></p> <p><i>Accreditation is vital to provide security for the results and evidence to support the information in case of litigation against trade companies.</i></p> <p><i>The ultimate goal is to improve the quality of the analysis with the aim of improving the quality and safety of fresh fruits and vegetables.</i></p> <p><i>There are pesticides in Latin America recommended for certain crops, which have not Codex MRL. This problem affects us because it produces a legal vacuum which makes it impossible for governments to take action.</i></p> <p><i>It would be important to promote realization of field trials in the countries of the region to input data that support the Codex MRL's generation.</i></p>
<p><b>Why should it be a regional project?</b></p>	<p>Indicate why it is better to address these problems/needs through a regional project (as opposed to a national one).</p> <p><i>Laboratories of Latin America and the Caribbean, have achieved different degrees of progress in terms of accreditation, therefore working together and sharing different experiences would be a better way to reach the objective and enhance the resolution of problems and common difficulties.</i></p> <p><i>The exchange between countries of the region is a very important driver that will allow us to move towards the objective.</i></p>

<b>Stakeholder analysis and partnerships</b>	<p>Describe the stakeholder analysis conducted, specifying all the interested or affected parties, end users, beneficiaries, sponsors and partners identified, with clearly defined roles for each entity.</p> <p><i>The beneficiaries of the project would be crop producers and exporters, due to higher quality products in terms of safety would be commercialized and therefore its commercial value will be notoriously increased.</i></p> <p><i>It is also very important the benefit of the general people, who consume foods with greater guarantees of safety. This would help protect the health of the population. There is no gender difference in the beneficiaries.</i></p>
<b>Overall objective (or developmental objective)</b>	<p>State the objective to which the project will contribute, and demonstrate its linkage with any regional or broader development goal or priority. It has to be in line with the problems/needs identified.</p> <p><i>The Main Objective proposed is “Improve food quality and safety to protect population health, both nationally and internationally”.</i></p>
<b>Analysis of objectives</b>	<p>Draw up an objective tree to highlight the hierarchy of objectives as well as the cause–effect logic that this project is expected to achieve.</p> <p><i>To achieve the main objective, several specific objectives are proposed</i></p> <ol style="list-style-type: none"> <li><i>1. Strengthen the capacities of laboratories Latin America and the Caribbean in pesticide residue analysis.</i></li> <li><i>2. Accreditation multiresidue techniques in fruits and vegetables to cover all pesticides of interest both national and internationally.</i></li> <li><i>3. Help establishing MRL's of countries in the region, supporting the proposed Codex, both minor crops and pesticides / crop combinations where not this set.</i></li> </ol>
<b>Role of nuclear technology and the IAEA</b>	<p>Indicate the nuclear technique that would be used and outline why it is suitable for addressing the problems/needs in question. Is this the only available technique? Does it have a comparative advantage over non-nuclear techniques? What specific role is the IAEA expected to play in the project?</p> <p><i>Analysis of pesticide residues by mass spectrometry (which is an application of nuclear techniques) is proposed. This detection method presents greater guarantees of identity confirmation, and is supported by DG SANCO Document 2013.</i></p>
<b>Project duration</b>	<p>Indicate a realistic starting date and the number of years required to complete the project. (In the case of projects expected to exceed four years, an assessment will be conducted before the end of the fourth year to decide on the validity of an additional year.)</p> <p style="text-align: center;"><i>Starting date: (yyyy-mm-dd): 2016 - 03 - 01</i></p> <p style="text-align: center;"><i>Project Duration: 3 years</i></p>

<b>Requirements for participation</b>	<i>Indicate the minimum requirements that counterpart institutions in Member States would need to meet in order to participate in this project, and how the fulfilment of these requirements will be verified.</i>																								
<b>Participating Member States</b>	<i>List the Member States expected to participate in this project that meet the requirements established above. Indicate the role of each Member State in the project.</i> Country: _____ Role: <ul style="list-style-type: none"> <li><input type="checkbox"/> Resource (providing expertise)</li> <li><input type="checkbox"/> Target (receiving expertise)</li> </ul>																								
<b>Funding and project budget</b>	<i>Provide an estimate of the total project costs and the funding expected from each stakeholder:</i> <table border="1" data-bbox="499 712 1420 1187"> <thead> <tr> <th data-bbox="499 712 949 741"></th> <th data-bbox="954 712 1102 741">Euro</th> <th data-bbox="1107 712 1420 741">Comment</th> </tr> </thead> <tbody> <tr> <td data-bbox="499 748 949 777"><i>Government cost-sharing</i></td> <td data-bbox="954 748 1102 777"></td> <td data-bbox="1107 748 1420 777"><i>(to be sent to the IAEA)</i></td> </tr> <tr> <td data-bbox="499 784 949 958"> <i>Counterpart institution(s)</i>   <i>Includes salaries, solvents, supplies, consumables, equipment depreciation, interlaboratory test.</i> </td> <td data-bbox="954 784 1102 958" style="text-align: center;"><b>Euros</b></td> <td data-bbox="1107 784 1420 958" style="text-align: center;"><b>44.000</b></td> </tr> <tr> <td data-bbox="499 965 949 994"><i>Other partners</i></td> <td data-bbox="954 965 1102 994"></td> <td data-bbox="1107 965 1420 994"><i>Who?:</i></td> </tr> <tr> <td data-bbox="499 1001 715 1187" rowspan="3"> <i>IAEA Technical Cooperation Fund (TCF):</i> </td> <td data-bbox="719 1001 949 1122"> <i>Fellowships / Scientific visits / Training courses/ Workshops</i> </td> <td data-bbox="954 1001 1102 1122" style="text-align: center;"><b>Euros</b></td> <td data-bbox="1107 1001 1420 1122" style="text-align: center;"><b>37.000</b></td> </tr> <tr> <td data-bbox="719 1128 949 1158"><i>Experts</i></td> <td data-bbox="954 1128 1102 1158"></td> <td data-bbox="1107 1128 1420 1158"></td> </tr> <tr> <td data-bbox="719 1164 949 1187"><i>Equipment</i></td> <td data-bbox="954 1164 1102 1187"></td> <td data-bbox="1107 1164 1420 1187"></td> </tr> </tbody> </table>				Euro	Comment	<i>Government cost-sharing</i>		<i>(to be sent to the IAEA)</i>	<i>Counterpart institution(s)</i>  <i>Includes salaries, solvents, supplies, consumables, equipment depreciation, interlaboratory test.</i>	<b>Euros</b>	<b>44.000</b>	<i>Other partners</i>		<i>Who?:</i>	<i>IAEA Technical Cooperation Fund (TCF):</i>	<i>Fellowships / Scientific visits / Training courses/ Workshops</i>	<b>Euros</b>	<b>37.000</b>	<i>Experts</i>			<i>Equipment</i>		
	Euro	Comment																							
<i>Government cost-sharing</i>		<i>(to be sent to the IAEA)</i>																							
<i>Counterpart institution(s)</i>  <i>Includes salaries, solvents, supplies, consumables, equipment depreciation, interlaboratory test.</i>	<b>Euros</b>	<b>44.000</b>																							
<i>Other partners</i>		<i>Who?:</i>																							
<i>IAEA Technical Cooperation Fund (TCF):</i>	<i>Fellowships / Scientific visits / Training courses/ Workshops</i>	<b>Euros</b>	<b>37.000</b>																						
	<i>Experts</i>																								
	<i>Equipment</i>																								