

Annex # 2

Increasing impact of PROCINORTE through IICA and it's instruments

Task Force (Date of Establishment)	Overall Mission of Task Force	Main Result	Opportunities for LAC benefit	Potential Agent
NORGEN (1999)	To improve the capability of genebanks to manage and share information : knowledge generation and innovation in genetic resource management.	<ul style="list-style-type: none"> • Network of Curators from Canada, Mexico & US established • Hemispheric Strategy of the Americas for PGR Conservation, (IICA/Global Crop Genetic Diversity Trust) • Harmonization of protocols for PG germplasm documentation using GRIN Global • Outreach – Guatemala, Belize, Chile, Argentina, Bolivia & Ecuador, 50 curators, geneticists, breeders knowledgeable on use of GRIN-Global • Mexican Scientists trained in Animal-GRIN and database now being established at INIFAP. • Capacity building on in-vitro propagation and cryopreservation of plant & microbe GR. 	<ul style="list-style-type: none"> • Access to senior scientists & curators of genebanks • Access to protocols for conservation & management of GR. • Capacity building in Animal & Plant GRIN. • Capacity building in in-vitro propagation & cryopreservation of plant & microbe GR. • Conservation & Management of indigenous GR • Joint Projects 	<p>Flagship Project – Resilience</p> <p>PROMECAFE</p> <p>PROCITROPICOS</p> <p>PROCISUR</p> <p>CARDI</p>

Annex # 2

		<ul style="list-style-type: none"> • Multiplication & molecular characterization of bean germplasm in Mexico • Name change of SIRGEALC effected on Recommendation by PN-NORGEN. Now : International Symposium on Genetic Resources for the Americas, opening the event to contributions in English from USA and Canada researchers in genetic resources. • Study of the conservation & management of Plant Genetic Resources in First Nations populations. 		
Tree Fruit (2000)		<ul style="list-style-type: none"> • Joint research projects : Post-harvest handling at packing house on shelf-life of mango & avocado, mechanised visual assessment of mango & avocado quality, centralized database for rapid integration of data in avocado & mango value chain, development of anthracnose-resistant mango germplasm, development of parameters for quality of tropical & subtropical fruits. 	<p>Prospects for joint projects involving fruits of interest.</p> <p>Sharing information on non-destructive testing of fruit maturity.</p>	<p>PROCl's Innovagro Flagship project - Cadenas</p>

Annex # 2

		<ul style="list-style-type: none"> • Website (English, Spanish, French) • Contributed to IICA's FonTC project on mango chain development in Haiti. 	<p>Access to pertinent information & knowledge</p> <p>Access to scientists and facilities in the 3 countries.</p>	
Animal Health (2006)		<ul style="list-style-type: none"> • H1N1 Influenza prioritized for trilateral attention. Harmonization of diagnostics for the virus. • TF responded to the outbreak of highly pathogenic avian influenza H7N3 in Mexico with various joint initiatives. • 2 BSE wet workshops reinforced capacities of scientists and regulators from the 3 countries. • Areas identified for collaboration included <i>inter alia</i> - regional epidemiology surveillance of exotic viruses to the Americas, harmonization of methodologies, R & D re vaccines. • With the re-emergence of bovine TB scientists & 	<p>Information sharing and Capacity building in animal diseases of importance for trade.</p> <p>Training & Harmonization of protocols : Avian & Swine Influenza, Bovine TB, & BSE) and standards.</p>	<p>Agricultural Health & Food Safety (AHFS) – Technical Specialists.</p> <p>Grupo Técnico de Investigación, Tecnología, Transferencia e Innovación (GT-ITTI) de Consejo Agropecuario Centroamericano (CAC)</p> <p>CaribVET</p>

Annex # 2

		<p>regulators trained on new diagnostics.</p> <ul style="list-style-type: none"> • Solid network of animal researchers & health regulators in Canada, USA & Mexico working together. 	<p>Network of senior animal health scientists for advice and joint initiatives</p>	
Plant Health (2009/2012)	<p>To develop & share knowledge & technology to promote sustainable management of arthropod pests, diseases, nematodes and weeds that deleteriously affect crop production in North America as well as prevent the introduction, establishment and spread of invasive species affecting plant health.</p>	<ul style="list-style-type: none"> • Brown Marmorated Stink Bug (BMSB) prevalent in the US and some parts of Canada with wide host range, is a threat to Mexico. Studied and prepared information pamphlet for Mexican Scientists. • Model for BMSB dispersion in Mexico developed. • Trained scientists in molecular taxonomy & diagnostic tools. • Harmonized methodology for identifying/detecting zebra Chip in potato 	<p>Impact of invasive species in agriculture, due to Climate Change</p> <p>Molecular and Diagnostic tools in detection of new and emerging pests for f & v In LAC –e.g. tomato, avocado, pepper, potato</p>	<p>Agricultural Health & Food Safety – Technical Specialists;</p> <p>Resilience & Risk Management Flagship Project leader.</p> <p>PROMECAFE</p> <p>GT-ITTI</p>
Mode	<p>Webinars, Shared protocols, Exchanges/Technical Visits (RIAP & other opportunities), Website, Joint Projects (AAFC, USDA-ARS, INIFAP & other national, regional & international Calls for proposals)</p>			