

IICA's contribution to the
development of agriculture and
rural communities in the
CARIBBEAN REGION

Annual Report 2007



Inter-American Institute for Cooperation on Agriculture

IICA's contribution to the
development of agriculture and
rural communities in the
CARIBBEAN REGION

Annual Report 2007



© Inter-American Institute for Cooperation on Agriculture (IICA). 2008

IICA encourages the fair use of this document. Proper citation is requested.

This publication is also available in electronic (PDF) format from IICA's Web site at <http://www.iica.int>

Editorial Coordination: Trevor W. Murray

Mechanical editing: Marguerite Groves

Layout: Ana Catalina Lizano

Cover design: Karla Cruz

Printed: IICA Headquarters

Inter-American Institute for Cooperation on Agriculture
2007 Regional Report: IICA's contribution to the
development of agriculture and rural communities in the
Caribbean Region / IICA. – San Jose, C.R. : IICA, 2008.
84 p. ; 26,5 x 17,5 cm

ISBN13: 978-92-9039-903-2

1. Agriculture 2. Rural development 3. International
cooperation 4. Technical aid 5. Caribbean Region I.
IICA II. Title

AGRIS
E50

DEWEY
338.181

San Jose, Costa Rica
2008



Index

I.	Foreword	5
II.	Executive Summary	7
III.	Implementation of the Regional Technical Cooperation Agenda in 2007	11
IV.	Results of Inter-Agency Cooperation	35
V.	Country Executive Summaries	41
VI.	New Opportunities for Technical Cooperation	67
VII.	Appendix	71



I. Foreword

The Inter-American Institute for Cooperation on Agriculture (IICA) is pleased to present its Annual Report for 2007 entitled *“The Contribution of IICA to the Development of Agriculture and Rural Communities in the Caribbean”*. This report consolidates the national reports that are presented and is enhanced by results of regional programs, projects and interventions.

In 2007, IICA widened the scope of its work of sensitizing stakeholders to the concept and application of the Agro Matrix framework. As a result, there is now a better understanding among our clients and developmental partners of the need for a comprehensive approach to repositioning agriculture at the national, regional and hemispheric levels. The Institute complemented this effort with the promotion of the three components of an

information system designed to monitor the progress of the Agro Plan and Jagdeo Initiative.

IICA's programmes in the Caribbean Region continue to respond to the Key Binding Constraints identified in the Jagdeo Initiative and, through some of its programmes, the Institute sensitized the public to the process of repositioning agriculture in the Caribbean. In many areas, the process of repositioning has begun and programmes and projects addressing the New Agriculture are being implemented.

IICA maintains a collaborative approach to its work in the Caribbean and, accordingly, much of its work is undertaken with key development partner agencies nationally, regionally and internationally. It is through this cooperation and collaboration that our reach is extended and the impact of our work is increased. We should therefore like to take this opportunity to express gratitude to all of our partners and those working with us, and we look forward to continued good working relations with all.

I wish to expressly thank the Representatives, Regional Specialists, Local Professionals and the support staff members of the IICA Offices in the Caribbean Region for their continued dedication, teamwork and commitment to excellence.

IICA looks forward to providing continued support to the agricultural sector in the Caribbean and making a positive contribution to sustainable development, both at the national and regional levels.

Trevor W. Murray

**Director of Operations, Caribbean Region
IICA Headquarters**




II. Executive Summary



IICA's Contribution to the Repositioning of Agriculture and Rural Life

Continuous sensitization regarding the concept and application of the AgroMatrix framework resulted in a better understanding among clients and partners of the need for a comprehensive approach to repositioning agriculture at the national, regional and hemispheric levels. This effort was complemented by the promotion of the three components of an information system designed to monitor the progress of the AgroPlan and Jagdeo Initiative. At least four Ministries of Agriculture in the Caribbean have embarked upon the internalisation process promoted by the Agro Matrix framework as they set about developing their agricultural development strategies for the post-2006 period. The substantial assistance

provided to the Ministry of Agriculture of Dominica in drafting its medium-term policy document afforded an opportunity to apply the concept to the development of national policy, which is central to the repositioning thrust promoted by IICA. The development and preparation of a report on the State of and Outlook for Agriculture and Rural Life in the Caribbean, initiated with a team of consultants, is intended to provide a tangible and practical product that links the conceptual framework to application. The format and content of the report reflect the Agro Matrix framework. Institutionalising this type of report in the region will contribute substantially towards dialogue and decision making for the policy and investment framework needed for agricultural positioning. The information and documentation thrust to facilitate agricultural repositioning was also supported by the Caribbean Regional Agricultural Policy Network (CaRAPN) website and through CTA collaboration with journalists, which involved the preparation of Media Kits intended to convey more positive messages and information on agriculture to the media.



Promoting Trade and the Competitiveness of Agribusiness

In addition to its usual technical and administrative support rendered to the Caribbean Agribusiness Association (CABA), the Institute assisted with the establishment of a new CABA chapter in Haiti. Ministries in St. Kitts-Nevis, Antigua and Barbuda, Saint Lucia and Haiti benefited from workshops on the concepts of and strategies for the New Agriculture to enhance their capacity to develop strategies and frameworks for their agribusiness units. Efforts to improve access to financing through strengthened linkages between agriculture-based enterprises/organizations and credit unions were successful in The Bahamas, Jamaica and Saint Lucia and as a result of improved capacity of credit unions in the area of financial management and risk-based lending. A total of 451 stakeholders, 40% of whom were women, benefited from workshops in various areas related to business and management, which were either held or funded by the Institute. A survey was conducted in 12 countries to assess the status of agribusiness-related legislation. Draft policies and fiscal incentives for agribusiness were produced for St. Kitts-Nevis and Saint Lucia. The nexus between public and private sectors and NGOs/CDBs was encouraged throughout the Caribbean.

Additionally, the Institute partnered with the Caribbean Development Bank (CDB) to offer two regional training courses "Business Opportunities in Agro-processing of Tropical Fruits, Meats, Poultry and Milk-based Products", which benefited 100 small- and medium-scale agro-processors from ten CARICOM countries.



Strengthening Agricultural Health and Food Safety Systems

The focus on strengthening health and food safety systems remained a priority for the Institute in 2007. During the year, a number of activities were undertaken and

there were significant achievements in the areas of Good Agricultural Practices (GAPs); Hazard Analysis and Critical Control Points (HACCP); Avian Influenza (AI) preparedness; the SPS Initiative of the Americas; and the Strengthening and Modernization of National Systems. In addition, a series of lectures on Agricultural Health and Food Safety were held in schools in Barbados as part of the activities in celebration of IICA's 65th anniversary in the hemisphere and the 30th anniversary of IICA in Barbados. The Institute continued to support countries in their preparedness for AI through simulation exercises in Guyana, Saint Lucia and a desk top simulation in Trinidad and Tobago. All countries in the region attended the 38th, 39th and 40th meetings of the WTO SPS Committee in Geneva, Switzerland, during March, June and October respectively. With the assistance of IICA, St. Vincent and the Grenadines and The Bahamas prepared and presented papers on the subject of Private-sector Industry Standards.

These papers formed the basis of the discussion of this agenda item at the 38th meeting and subsequent meetings. The Institute continued to support Dominica, the Dominican Republic, Jamaica, St. Kitts-Nevis and St. Lucia, which all have functional National SPS Committees and National Codex Committees.



Strengthening Rural Communities based on the Territorial Approach

The Institute continued to provide technical and administrative support to the various chapters of the Caribbean Network of Rural Women Producers (CANROP) and the Caribbean Agribusiness Forum for Youth. This support made possible the development of enhanced business and networking skills and improved managerial capacity in a number of areas. The Institute prepared two documents to guide the development of the Carib Community in Dominica, which were presented to the Ministry of Finance and Planning, and supported the development and strengthening of rural agro-processing businesses in the Lake Communities of Guyana and the Carib Territory in Dominica.



Introducing Technology and Innovation for the Modernization of Agriculture and Rural Life

IICA partnered with the Caribbean Development Bank (CDB) and the Food and Agriculture Organization (FAO) Sub-Regional Office in a CDB-financed two-phase project entitled "Capacity Building of Farmers and Agripreneurs" involving the management and operations of greenhouses in the Caribbean Region. The first phase, which focused on a situation analysis and recommendations, was completed.

The second phase, which will focus on capacity building of the Ministries of Agriculture and greenhouse farmers and operators, will be implemented in 2008.



Chapter III

Implementation of the Regional Technical Cooperation Agenda in 2007



a. IICA's contribution To the Repositioning of Agriculture and Rural Life



a. IICA's Contribution to the Repositioning of Agriculture and Rural Life

IICA's efforts in the area of sensitization about the concept and application of the AgroMatrix (See Appendix IV) resulted in a better understanding among clients and partners of the need for a comprehensive approach to the repositioning of agriculture at the national, regional and hemispheric levels. The Agro Matrix was complemented by the promotion of the three components of an information system, the Caribbean Monitoring and Evaluation Information System for the Agro 2015 Plan and Jagdeo Initiative (MEAgrISys), which is designed to follow progress of the AgroPlan and Jagdeo Initiative.

Experiences with the Agro Matrix and the information system in the Caribbean were in direct response to the Hemispheric Ministerial Mandate and have contributed to guiding the hemispheric process and the technical preparatory content of the 2007 GRICA meeting and Guatemala Ministerial. There has been a wider attempt to evaluate agricultural development efforts and to discuss constraints and progress in the context of the AgroMatrix in the Caribbean. At least four Ministries of Agriculture in the Caribbean have embarked upon the internalisation process promoted by the Agro Matrix framework as they set about developing their agricultural development strategies for the post-2006 period. Indeed, the substantial assistance provided to the Ministry of Agriculture of Dominica in drafting its medium-term policy document afforded an opportunity to apply the concept to the development of national policy, which is central to the repositioning thrust promoted by IICA.

The preparation of a report on the State of and Outlook for Agriculture and Rural Life (S&O report), was initiated with a team of consultants. The report is intended to provide a tangible and practical product that links the conceptual framework to application. The format and content of the report reflect the Agro Matrix framework. When completed in early 2008, the S&O report will represent a significant advance in terms of structure, context and content of analysis and reporting on agriculture and rural life in the Caribbean. Institutionalising this type of report in the region will contribute substantially towards dialogue and decision making for the policy and investment framework needed for agricultural positioning.

The strategic use of information and communication tools was successful in promoting the agricultural policy process in the Caribbean as well as facilitating the repositioning of agriculture. The website of the Caribbean Agricultural Research and Policy Network continued to provide access to a wealth of information on the policy process, through its website www.carapn.net and the monthly distribution of the CaRAPNotes. The CaRAPN website also captured the development of the IICA/CTA MEAgrISys Project. In support of this project, several I-Bulletins were


prepared and disseminated. These bulletins, which have been made available via the website, seek to promote a wider appreciation of information and knowledge management for agricultural development.

Following a media workshop, held in 2006 during the Caribbean Week of Agriculture in The Bahamas, collaboration between IICA and Caribbean journalists resulted in the preparation of Media Kits intended to convey more positive messages and information on agriculture to the media. The kits were widely distributed to media houses, stakeholders and clients throughout the region.

The 7th Caribbean Week of Agriculture (CWA), held in Runaway Bay Jamaica, in October 2007, was a collaborative effort involving the Ministry of Agriculture and Lands of Jamaica, the Inter-American Institute for Cooperation on Agriculture (IICA), the Food and Agriculture Organization of the United Nations (FAO), the CARICOM Secretariat, the Technical Center for Agriculture and Rural Cooperation (CTA) and the Caribbean Research and Development Institute (CARDI). The theme was ***“Agriculture – Harvesting Wealth through Tourism”***. The event attracted over 250 participants from the region, including nine Ministers of Agriculture as well as farmers, representatives from the hospitality industry and agro-processors. The CWA hosted workshops and seminars on Agro-tourism; Agricultural Risk Management; and the Caribbean Agricultural Forum of Youth (CAFY). Also held were the CFNI/FAO Workshop on Agricultural Policies and Obesity and the meeting of the Council for Trade and Economic Development (COTED). The highlight of the CWA was the Agri-Business Exhibition and Trade Show, which showcased the best of the Caribbean’s primary and value-added agriculture products, and which was intended to link the agriculture and tourism sectors. The exhibition provided a mix of presentations by private-sector companies, public-sector institutions and educational institutions. The 8th CWA is scheduled to be held in St. Vincent and the Grenadines in October 2008.



d. Promoting Trade and the Competitiveness of Agrubusiness



b. Promoting Trade and the Competitiveness of Agribusiness

In 2007, an increased number of public- and private-sector organizations benefited from technical cooperation services and assistance provided by the Institute in the area of Agribusiness Development. Sensitization sessions on the Jagdeo Initiative for senior government officials, private-sector leaders and agribusiness entrepreneurs in The Bahamas, Haiti, St. Kitts-Nevis and Saint Lucia resulted in a greater awareness of the ten major binding constraints and the matrix of interventions articulated under the Initiative. Four Ministries of Agriculture, Antigua and Barbuda, Haiti, Saint Kitts-Nevis and Saint Lucia, benefited from increased knowledge on the concepts and strategies for the “New Agriculture” and were assisted in the preparation of agricultural and agribusiness development strategies/frameworks as well as the definition of position descriptions within some of those units.

Continued support to the Caribbean Agribusiness Association (CABA), by way of technical assistance in organization management, was delivered to CABA affiliates in The Bahamas and Saint Lucia. The Institute was successful in facilitating agribusiness organizations in Haiti with the establishment of a chapter of CABA and supported the CABA Secretariat’s efforts to provide relevant communication and training services to members.

Access to financing was improved through strengthened linkages between agriculture-based enterprises/organizations and credit unions in The Bahamas, Jamaica and Saint Lucia, and through improved capacity of credit unions in the area of financial management and risk-based lending. Over US\$520,000 were pledged in increased annual portfolio allocations to agribusiness by three credit unions in Saint Lucia and one in Jamaica. Resources to match US\$30,000 were committed as IICA’s in-kind contribution. US\$262,500 were mobilized for regional agribusiness activities and access to another US\$300,000 in agribusiness loans were (made available), pledged, 93% (comes) from the credit union system.

A total of 21 human resource development exercises (including 13 workshops) were implemented in a number of areas, benefiting 451 stakeholders, 177 (or 40%) of whom were women. Innovation and new technologies were encouraged among community groups (hot peppers, pineapples, micro-greens, poultry) through knowledge transfer in the areas of integrated management approaches, greenhouses, and tunnel ventilated poultry houses. A total of 57 participants benefited from increased knowledge through a regional workshop: “Hot Pepper Industry Linkages and Capacity Development” which was held in Jamaica in May, 2007.

A total of four agribusiness enterprises in the Region were strengthened through improvements in target marketing, business planning, and adoption of international safety standards, product enhancements, and management training.

A survey was conducted in 12 countries to assess the status of agribusiness-related legislation. Draft policies and fiscal incentives for agribusiness were formulated for St. Kitts-Nevis and Saint Lucia. The nexus between public and private sectors and NGOs/CDBs was encouraged throughout the Caribbean.

i. Increasing Investment Flows

One of the identified constraints of the Jagdeo Initiative is "limited financing and inadequate new investments". In an attempt to address this constraint, the Institute, as a member of the Agriculture Donors' Conference Committee, provided technical support to the planning and execution of the Conference, which was held in June, 2007, in Trinidad and Tobago. Additionally, five projects prepared by IICA were included in the portfolio of 52 projects valued at US\$300 million and submitted to the Donors' Conference. Forty Donor Agencies participated in the Conference. A total of approximately US\$11.5 million in firm pledges was made at the Donors' Conference. Other pledges of support were also made, the nature and scope of which are presently under discussion. Additionally, with a Regional Agribusiness Investors' Forum scheduled for 2008, IICA, as a member of a Task Force, provided support in the planning and execution of the forum.

The Institute expanded its support in the area of project development through its participation in a joint CAC/Caricom/Common Fund for Commodity (CFC) meeting, held in Costa Rica in March, 2007, to identify priority areas for project development. The theme of the meeting was "Advancing Commodity Development in the Caribbean and Central American Regions". Five project profiles were presented to the CFC for funding consideration.

The Institute participated in the National Symposium on Agriculture in Dominica entitled "Invest in Agriculture: Secure Dominica". IICA contributed a presentation on the "Formulation of Investment Proposals" which was intended to enhance Dominica's capacity and capability in this critical area.

Additionally, IICA supported the Ministry of Agriculture, Forestry and Fisheries (MAFF) of Saint Lucia with its institutional modernization process through preparation of a business plan to provide marketing infrastructure for non-banana agriculture. An institutional framework for the livestock industry in Saint Lucia was developed, including the establishment of a national Livestock Development Committee.

ii. Agro-Tourism Linkages

IICA entered the second year of execution of the OAS-funded project "Strengthening of the Tourism Sector through the Development of Linkages with the Agricultural Sector in the Caribbean". Seven countries, viz, Barbados, Dominica, Guyana, Jamaica,

St. Kitts and Nevis, Suriname and Trinidad & Tobago, are currently participating in the project. Activities to develop national strategies for agro-tourism were initiated, and agribusiness investment profiles were developed for two ventures in each of the seven countries. Additionally, the capacity of farmers to enter into trading arrangements with hotels, restaurants and supermarkets was enhanced through training provided in building farm-to-table partnerships.

The theme of the Caribbean Week of Agriculture “Agriculture – Harvesting Wealth through Tourism” aptly reflected IICA’s continued work in this area. A major agro-tourism workshop was held during the CWA in Jamaica. The workshop examined strategies for intensifying collaboration among the countries of the region to create a niche and develop and market a unique “Caribbean package” to the rest of the world. Participants benefited from deliberations on maximizing the integration of indigenous foods, culture and the environment into a sustainable approach. A consensus was reached that priority attention should be given to rural community infrastructure, praedial larceny, technology for productivity improvement, product marketing and micro-financing.



c. Strengthening Agricultural Health and Food Safety Systems



c. Strengthening Agricultural Health and Food Safety Systems

During the year under review, a number of activities and achievements were undertaken in the areas of Good Agricultural Practices (GAPs); Hazard Analysis and Critical Control Points (HACCP); Avian Influenza preparedness; the SPS Initiative of the Americas; and Strengthening and Modernization of National Systems. In addition, a series of lectures on Agricultural Health and Food Safety were held in schools in Barbados as part of the activities in celebration of IICA's 65th anniversary in the hemisphere and the 30th anniversary of IICA in Barbados. Several of these activities were undertaken in collaboration with other agencies such as FAO, USDA and the EU.

In the Dominican Republic, draft regulations for Good Agricultural Practices and Good Manufacturing Practices were submitted to the Secretary of Agriculture for approval. They are intended to become official Dominican Standards and be encoded in Law.

i. SPS Issues

The Institute participated in and assisted with the organization of a Regional Workshop, in Jamaica, on the Agreement on Sanitary and Phytosanitary Measures for the Caribbean, in collaboration with WTO-IDB/INTAL. Approximately 63 participants from CARIFORUM countries attended.

All countries in the region increased their knowledge and understanding of the issues, having attended and actively participated in the 38th, 39th and 40th meetings of the WTO SPS Committee in Geneva, Switzerland, during March, June and October, respectively. Representatives from The Bahamas and St. Vincent and the Grenadines benefited from IICA's assistance in preparing and presenting papers on the subject of Private-sector Industry Standards. These papers formed the basis of the discussion of this agenda item at the 38th meeting and subsequent meetings. Several countries, including Dominica, Dominican Republic, Jamaica, St. Kitts and Saint Lucia, have functional National SPS Committees and National Codex Committees.

ii. Avian Influenza

The Institute continued to play a key role in public education and preparedness on issues concerning Avian Influenza in the Caribbean; several activities were successful in informing relevant authorities, technicians and the general public of the relevant issues. Guyana and Saint Lucia benefited from simulation exercises and Trinidad and Tobago benefited from a desktop simulation. In the Dominican

Republic, a total of 36 agricultural professionals increased their knowledge and understanding of bio-security issues.

Additionally, seven countries of the region were assisted with the analysis of their AI contingency plans and recommendations for improvement were provided through an IICA/USDA-APHIS workshop on "*Country Response Plan for Highly Pathogenic Avian Influenza*". The workshop was held in collaboration with the Centre for Naval Analysis.

The Institute supported the FAO regional project for AI preparedness. IICA's specific contribution was in the area of risk communication. Two communication tools developed by IICA, a ten-part radio series and a video presentation on Avian Influenza, were distributed to the countries as part of this project.

iii. Strengthening and Modernization of National Systems

Several training workshops were held in various areas:

- A regional workshop on Enhancing Food Safety in the Tourism Sector through the Application of GAP/HACCP. This workshop was held in collaboration with FAO. A total of twenty persons from ten countries in the region were trained.
- A national workshop on HACCP and GAPs in Barbados, in collaboration with the EU. The target audience was small farmers and produce managers of hotels, restaurants and supermarkets. A total of 25 persons participated in this workshop.
- A workshop on Good Pig Production practices in St. Lucia, with the assistance of volunteers from FAVA/CA. A total of 50 farmers and technicians participated.
- One workshop and several seminars on GAPs with vegetable growers in the Pomeroun area of Guyana.
- In Grenada, training was provided to quarantine inspectors. A total of 25 plant quarantine inspectors, extension officers and veterinary animal health assistants were trained.
- A regional training workshop for plant quarantine inspectors in Jamaica. This workshop was a collaborative effort with USDA-APHIS and the Jamaican Ministry of Agriculture. A total of 43 persons from 13 countries were trained.
- A sub-regional workshop for the identification of mealy bugs and scale insects in Barbados, in collaboration with USDA-APHIS, the Barbados Ministry of

Agriculture and the University of the West Indies, Cave Hill Campus. A total of 23 persons from seven countries were trained.

- A series of weekly training seminars on good hygiene and sanitation in Antigua, in collaboration with the Ministries of Health and Agriculture and the Bureau of Standards.
- Weekly meetings in Guyana, in collaboration with the Guyana Trade and Investment Services, to prepare farmers who produce hot peppers, squash, broccoli and cauliflower for export and the local market.
- Twenty-three officials and public-sector technicians participated in a workshop on traceability in the Dominican Republic. This workshop was organized by IICA, in collaboration with the Dominican Republic's Ministry of Agriculture.
- A team consisting of the Director of Performance Management and Evaluation and the Regional AHFS Specialist conducted a follow-up assessment exercise of Jamaica's Veterinary Division. The deliverables from this activity included recommendations for a revised organizational structure and improvements in several aspects of the operations of the Division.
- In the Dominican Republic, IICA coordinated the development of a proposal for financial support for "The Strengthening of Infrastructure for Prevention and Protection against Avian Influenza and Human Strains of the Bird Flu"
- Technical support was provided for the Pomeroon Women's Small Cottage Association of Guyana to strengthen their administrative and technical capacity. A two-day workshop was held and attended by 30 women.
- Assistance was provided to the Jamaican Ministry of Agriculture in preparing drafting instructions for the upgrading of the country's Plant Quarantine Act in order to make it compliant with the SPS Agreement and other international standards.
- IICA in the Dominican Republic contributed to the process of modernization of the agriculture sector by assisting in the development of a proposal for the creation of a 'Dominican Institute for Agriculture Health and Food Safety'.
- Technical bilateral meetings were held between the Dominican Republic and Haiti to coordinate efforts relating to agricultural health and food safety.

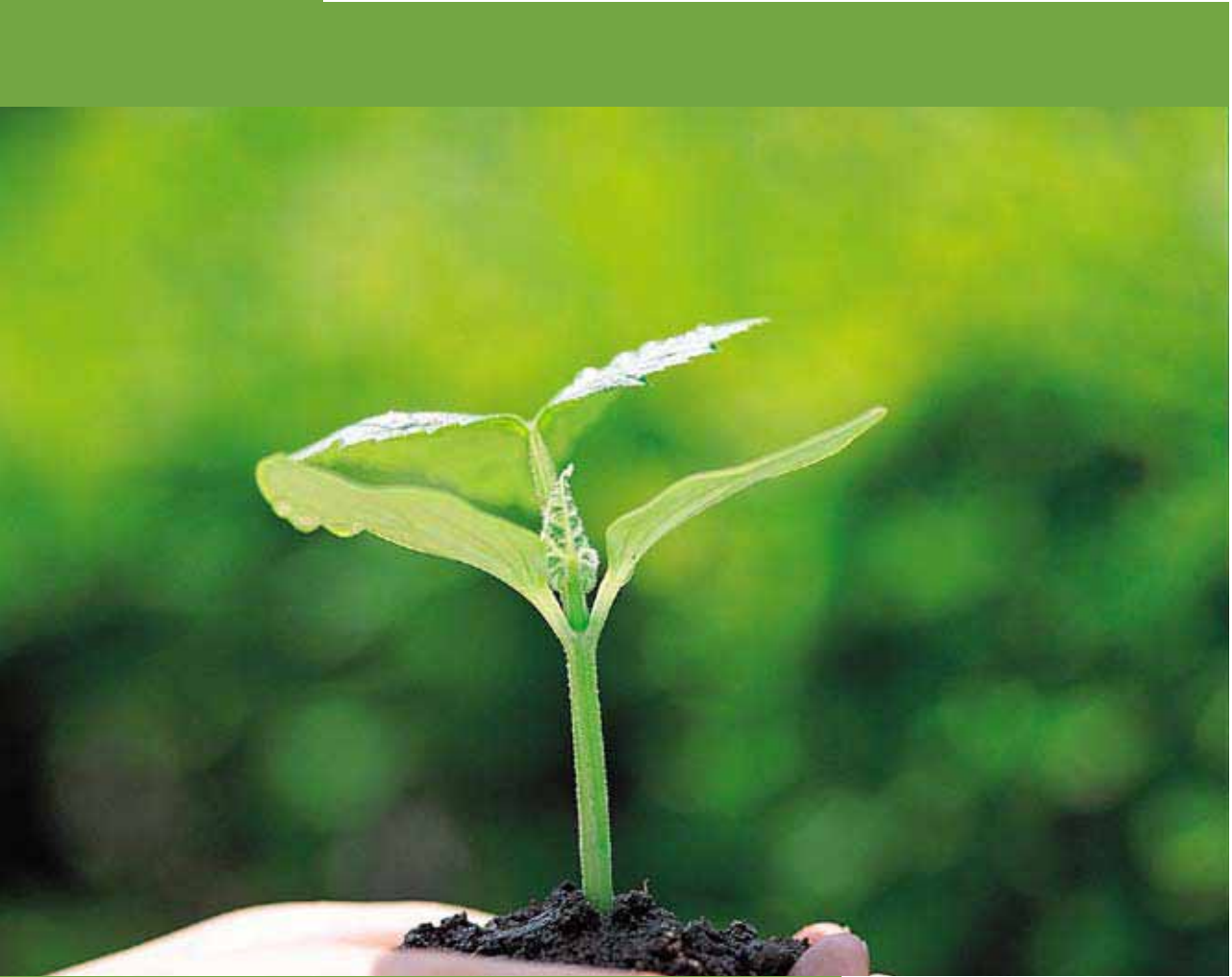
iv. Pest and Disease

In this area, one workshop on Black Sigatoka and Moko diseases was held in St. Vincent and the Grenadines, with support from the Windward Islands Banana

Exporting Company (WIBDECO). Support was also provided to WIBDECO in the diagnosis of Moko Disease in St. Vincent and the Grenadines. The Institute participated in field visits aimed at enhancing monitoring and surveillance activities in relation to the Carambola Fruit Fly in Guyana.

A technical bilateral meeting with Haiti and the Dominican Republic was organized to discuss relevant aspects of Classical Swine Fever, Avian Influenza, livestock quarantine and other topics related to animal health. In Haiti, IICA was involved in an intensive vaccination and surveillance programme for Classical Swine Fever for the DR-Haiti border, in conjunction with the Dominican Republic. The goal was to vaccinate 80,000 swine before the end of September, 2007. Also in Haiti, IICA continued to participate in the development of an epidemiological surveillance network in the sections of the country where migratory birds' resting areas exist. IICA also participated in the continuation of the rabies vaccination campaign. Over 110,000 vaccines were administered in the capital, and more than 222,000 were administered in the entire country. These activities were conducted in collaboration with PAHO and the Ministry of Agriculture.

A fruit fly monitoring programme was developed at the request of the Haitian Mango Exporters' Association, and a proposal for the control of imported fire ants was prepared by IICA, at the request of the Haitian Ministry of Agriculture.



d. Promoting the Sustainable Management of Natural Resources and the Environment



d. Promoting the Sustainable Management of Natural Resources and the Environment

The Institute continued to implement activities to assist in the consolidation of national and regional mechanisms/initiatives for agricultural disaster management and mitigation. In collaboration with UNECLAC, IICA conducted disaster damage assessments of the agricultural sector in Belize, Dominica and Saint Lucia in the aftermath of Hurricane Dean, which impacted these three countries, among others in the Caribbean region, in August 2007.

Additionally, in collaboration with UNECLAC, training was provided to Caribbean nationals in Disaster Damage Assessment of the agriculture sector, utilizing a sustainable livelihood approach within the broader UNECLAC Macro-Economic Framework Methodology.



e. Strengthening Rural Communities based on the Territorial Approach



e. Strengthening Rural Communities based on the Territorial Approach

The regional chapters of rural women and youth in agriculture networks, to which IICA provides support, benefited from enhanced training in agro-processing, institutional strengthening and business modelling.

The Caribbean Network of Rural Women Producers (CANROP) held its 6th Executive Board Meeting in March 2007. The Executive Board identified short-term and medium-term priority actions that would help propel the Network to derive increased incomes through primary production, value-added initiatives, trade and capacity building in the design of project proposals and business plans. A business plan was developed for financing of CANROP activities, including the preparation of a proposal to develop a cookbook, and a financing proposal was submitted to the Donor's Conference in Trinidad and Tobago in June. The cookbook will describe the background to each member country and chapter, the type of productive activities in which selected members are involved, how to use the commodities produced and will provide input from a celebrity chef.

Additionally, a training programme in agro processing was developed in partnership with the Caribbean Development Bank, and discussions were held with RANUMAR, the Latin American Rural Women's Network for fostering and developing horizontal cooperation that would increase opportunities for the women to share experiences and transfer technologies. Members of the network participated in the Caribbean Gift and Craft Show (CGCS), held in Curacao in September 2007, and benefited from the exposure to new market opportunities as well as from the training sessions held. Other members of CANROP will be encouraged to participate in the CGCS on an annual basis, to gain necessary exposure to networking and marketing opportunities.

The CANROP Website, which is used by members and other rural women, has provided a useful forum for rural women to enhance networking skills and build technical and managerial capacity and to share knowledge and information.

IICA assisted the Suriname Network of Rural Women Producers (SUNROP) with hosting a workshop to address revitalisation of the network. The workshop addressed several issues, including capacity in organization management and development; appropriate technology for the processing of cassava and other commodities; capacity enhancement in marketing and distribution; and registration and legalization of SUNROP. IICA's assistance involved facilitating sessions on team-work and team-building, stakeholder analysis, conflict management, leadership and priority-setting.

The Association of Women in Agriculture (AWIA) in Barbados received support in increasing their export of a wide range of value-added commodities to Bermuda. AWIA members were able to export over 100 cases of mixed processed preserves

such as jams and jellies, condiments and seasonings to that country. These activities are being used to propel the productive activities of members, including the development of a processing factory. Additionally, the knowledge of the members of the Association of Women in Agriculture in pig husbandry -artificial insemination and piglet management- and poultry production have been enhanced through an intra-network exchange to build capacity in food production.

IICA partnered with the Caribbean Development Bank (CDB) and the Food and Agriculture Organization (FAO) Sub-Regional Office in a CDB-financed (US\$150,000) two-phase project entitled **“Capacity building of farmers and Agripreneurs in the management and operations of greenhouses in the Caribbean Region”**. The first phase of the project, which focused on a situation analysis and recommendations, has been completed at a cost of US\$67,000, and the second phase, which will focus on capacity building of the Ministries of Agriculture and greenhouse farmers and operators, will be implemented in 2008.

A template for the preparation of business plans on the establishment of greenhouses has been produced. The template is available in a CD-ROM and is being included in the farmer training manual of the Ministry of Agriculture and Rural Development in Barbados.

Additional collaboration with the CDB included the hosting of two regional training courses in **“Business Opportunities in Agro-processing of Tropical Fruits, Meats, Poultry and Milk- based Products”**. At least one hundred small- and medium-scale agro-processors from ten CARICOM countries were trained in the technical aspects of processing tropical fruits, meats, poultry and milk-based products, as well as the development of the appropriate business models. Agro-processors also benefited from one on one follow-up actions through the Caribbean Technological Consultancy Services Network (CTCS) and IICA in building capacity to enhance the profitability of their specific agro-processing enterprises.

More than 60 members (including farmers) of cooperatives and support institutions in The Bahamas were trained in the operations and techniques of group dynamics, organization management and development. Members of The Bahamas Agri-business Producers’ Association (BAPA), the Eleuthera Agri-business Cooperative, North Abaco Fishermen’s Coop, Grand Bahama Fishermen’s Coop, and other farmers’ cooperatives are now better able to manage their organizations.

Two documents entitled *“Technical Cooperation for Promoting Rural Prosperity”* and *“Guidelines for Selecting and Establishing Territories of Reference”* were prepared by the Institute and disseminated to the Ministry of Finance and Planning, the Carib Council, and the Department of Carib Affairs in Dominica. The documents and comments on the *“Carib Territory Integrated Development Plan”* were used to revise the plan and to develop a programme for community development based on the territorial approach.

A reference territory, established at the Lake Communities in Essequibo (Region 2) in Guyana, is benefiting from capacity building in project management and establishment of micro-businesses, through the implementation of the Kellogg Foundation Project. In support of development in this community, a case study of rural development experiences has also been initiated and a database has been compiled. The data base is being used for the completion of the case study, which will be available for use by Governments and other stakeholders, and will provide information on best practices in the identification and implementation of the integrated development programme using the territorial approach in the Region.

Rural agro-processing businesses are being developed in the Lake Communities of Guyana and the Carib Territory in Dominica. A concept note targeting cassava and plantain processing operations in these communities has been prepared, including the promotion of exchanges between experienced processors and other practitioners in the region. Cassava and plantain processing operations linked to the tourism sector will benefit from improvement in food safety practices, presentation and packaging through direct technical assistance from the CDB, in partnership with IICA.

Over 75 copies of the "Caribbean Business Toolkit" (CDROM) developed by the International Finance Cooperation (IFC), offering a range of interactive content to educate small businesses in accounting and finance, business planning, legal and insurance-related matters, marketing and sales, operations and technology, have been disseminated to all IICA Offices in the Region. These are now being used by rural businesses, stakeholders and other partners in the region such as CANROP, CAFY and CABA members.



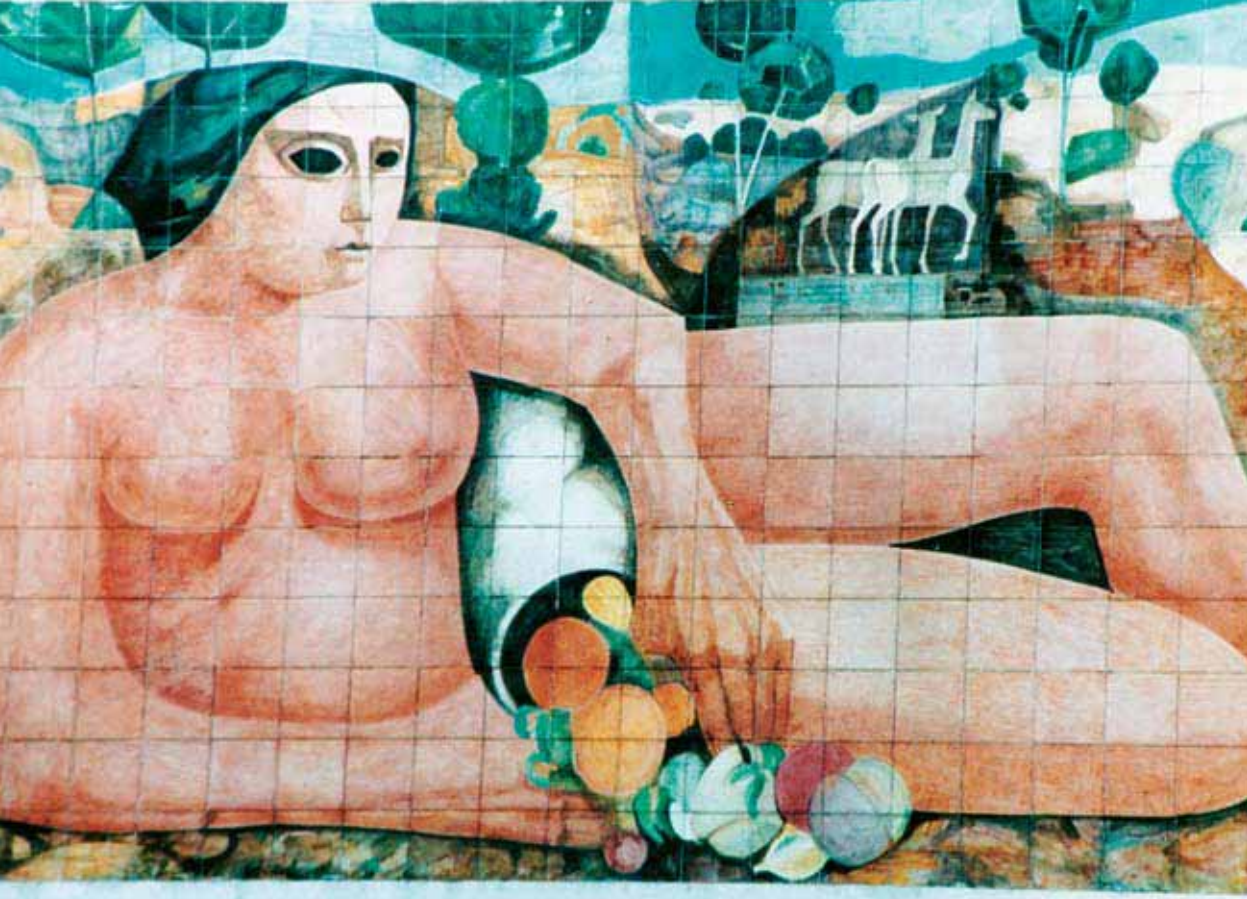
F. Introducing

Technology and Innovation
for the Modernization of
Agriculture and Rural Life



**f. Introducing Technology and Innovation
for the Modernization of Agriculture and Rural Life**

IICA led a mission to the Dominican Republic in December 2007 to familiarize stakeholders in the region with a tried and efficient technology used in the Dominican Republic for the production of organic solid and liquid fertilizer. One of the objectives of this initiative is to develop a project profile for the establishment of a bokashi plant in Barbados. Technical and other areas of support for the establishment of a pilot plant in the island will be identified.



g. Horizontal Cooperation Actions

g. Horizontal Cooperation Actions

During 2007, the countries of the Caribbean were engaged in a number of horizontal cooperation activities through exchanges of experience among countries within the region and from other regions.

Cooperation among the countries of the Caribbean region consisted of experiences and best practices in the areas of:

- Good agricultural practices (GAP) and Hazard Analysis Critical Control Point (HACCP)
- Building of movements in organic agriculture
- Agro-tourism development
- Planting and commercial production of several fruit varieties.

The countries of the Caribbean region that promoted an exchange of experiences and that worked with the IICA Office in the respective countries are Saint Lucia, Barbados, Dominica, the Dominican Republic, and Haiti.

Horizontal cooperation actions were also carried out with countries in other regions, namely, the Central and Southern regions (Honduras and Argentina).

It should be noted that the collaboration provided by Argentina in the execution of the "Pro Huerta Program" in Haiti was designed to increase the production and the availability of fresh vegetables and to improve food quality.



Chapter IV

Results of Inter-Agency Cooperation



IV. Results of Inter-Agency Cooperation

Cooperation with the FAO

IICA worked with FAO in the Secretariat of the Alliance and the Core Group (appointed by the CARICOM Heads of State Conference) on the implementation of the Jagdeo Initiative. Both these bodies are responsible for leading the development of agriculture in the region.

IICA participated with FAO in a regional project on AI preparedness. A ten-part radio series and a video presentation of Avian Influenza were developed and distributed to the various countries as part of the project.

Both institutions worked jointly on a regional workshop aimed at enhancing food safety in the regional tourism sector through the application of GAP and HACCP.

IICA and FAO also worked jointly on another regional project aimed at building capacity for farmers and agripreneurs in the management and operations of greenhouses.

The two institutions also worked together to increase public awareness in biosafety through the production of a television documentary for the region.

A cooperative effort further focused on the area of emergency preparedness for the highly pathogenic AI through simulation exercises in Guyana, St Lucia, Suriname and Jamaica.

Cooperation with PAHO

The joint meeting on Animal Disease Surveillance and Preparedness - Focus on Avian Influenza (AI) in the Caribbean was held in collaboration with FAO as well as several other regional and international agencies and institutions: CARICOM Secretariat (CCS), Caribbean Poultry Association (CPA), CaribVet Network, CIRAD, Livestock and Livestock Products Board (LLPB), PAHO, the French Embassy, the United States Department of Agriculture (USDA).

The two institutions also worked jointly in the area of animal health in the Dominican Republic and Haiti (Swine Fever, Avian Influenza, Livestock Quarantine).

IICA collaborated with PAHO in a number of Avian Influenza preparedness simulation exercises in various countries (Guyana, St Lucia, Jamaica, Trinidad and Tobago and Suriname).

Cooperation with other regional and international organizations:

CARDI

IICA continued its collaboration with CARDI through the Technical Cooperation Agreement. Several projects have been jointly implemented throughout the various countries of the region. Both institutions were also mandated to work together to produce and R&D strategy for the Caribbean.

IICA and CARDI worked together on preparing of a CD Rom for agripreneurs to enhance their capacity to develop successful agri enterprises.

CARICOM

The Institute established several collaborative initiatives with the CARICOM Secretariat (CARISEC), the most important of which relates to the Alliance for Sustainable Rural Development. Through the Technical Cooperation Agreement, both agencies facilitated the meeting of the Alliance during the 7th Caribbean Week of Agriculture (CWA). The planning and coordination of the CWA was also undertaken through the collaborative efforts of both agencies.

Another initiative was the High-level Seminar on Bio-energy Opportunities, held in Guyana with the cooperation of the Government of Guyana and several others partners. Follow-up actions include the development of strategies for implementation. The organization of the Donor's Conference, held in Trinidad and Tobago, was another cooperative effort on the part of both agencies, which was followed by subsequent planning of the Investment Conference by the Task Force.

Both agencies continue to collaborate in assisting member countries with plant protection and quarantine; health and food safety legislation; and institutional frameworks.

CDB

Through the Technical Cooperation Agreement, IICA collaborated with the Caribbean Development Bank (CDB) in several initiatives, including:

- Capacity building for farmers and agripreneurs in greenhouse management and operations.
- Training workshop for rural women's network in agro-processing and food safety practices aimed at establishing linkages with the tourism sector.
- Training workshop for trainers in Food Hygiene and Sanitation practices.

CTA

IICA's continued relationship with the Technical Centre for Agricultural and Rural Cooperation (CTA) led to the following activities carried out under the IICA CTA projects in 2007. These included:

- Continuation of the Contract to Support the Agricultural Policy Process in the Caribbean through the CaRAPN, which focused on supporting the Jagdeo Initiative. CaRAPN has been providing support for the conceptualisation, development and implementation of the Initiative, to contribute to the creation of an economic and business environment that facilitates entrepreneurial activities in agribusiness. The project included:
- "Pre-feasibility Studies for selected Agribusiness Clusters in the Caribbean" to contribute to the stimulation of investment in agribusiness, particularly among women and youth.
- A workshop on "Dissemination of Agriculture Policy Information in the Mass Media". This workshop was attended by 30 persons and contributed to an improved relationship between agriculture technicians and the media and better media coverage of major issues relating to the repositioning of agriculture in the Caribbean, with specific reference to agricultural policy issues and initiatives. A special newsletter recording the presentations and recommendations of the workshop is available.
- The AgriView and In a Nutshell publications continued to be published.
- The CaRAPN website www.carapn.net continued to be developed and maintained; it hosts special pages for the Jagdeo Initiative and the MEAgriSys project.
- The project "*Building a Caribbean Agricultural Monitoring and Evaluation Information System (MEAgriSys)*" was launched. A special page has been established for information and updates on this project on the carapn website.

OAS

IICA worked with the Organization of the American States (OAS) on the continuation of the OAS-funded project "Strengthening of the Tourism Sector through the Development of Linkages with the Agricultural Sector in the Caribbean".

IICA and the OAS also collaborated in the area of bio-energy in St. Kitts and Nevis in organizing a national consultation for undertaking feasibility studies.

They also worked on the initiative in Guyana for the High-level Seminar on Agroenergy.

IICA and OAS facilitated a flood relief project for affected communities along the Upper Suriname River by providing new and improved planting material and new farming techniques.

UWI

IICA collaborated with UWI in matters relating to biotechnology and biosafety. Two workshops were organized with regional stakeholders and technical assistance was provided for the development of the Caribbean Strategy for Biotechnology and Biosafety.

A Technical Cooperation Agreement was signed between the two institutions.



Chapter V

Country Executive Summaries

Country Executive Summaries



ANTIGUA Y BARBUDA

IICA's Contribution to the Repositioning of Agriculture and Rural Life

- In preparation for the Fourth Ministerial Meeting held in Guatemala, IICA conducted a national consultation and circulated a questionnaire on stakeholders' expectations for the next five years.
- The Ministerial Delegate prepared the National Report and the Minister of State attended the IABA and the Fourth Ministerial Meeting.
- CABA developed a plan for the agribusiness sector designed to enhance the capacity of the country's agribusinesses.

Promotion of Trade and the Competitiveness of Agribusiness

- Agro-processors showcased their products at the second annual IICA Most-Outstanding Agro-processors Award competition, held during the Annual Christian Valley Mango Festival.
- In collaboration with CARDI and the Ministry of Agriculture, the capabilities of the country's agribusiness entrepreneurs for conducting successful enterprises were improved through the launch of an agribusiness CD Rom.

Strengthening Agricultural Health and Food Safety

- The Office was involved in a number of training activities aimed at improving food safety in the country, especially the safety of foods sold in the streets. This was achieved through a series of training activities on safe food-handling practices. These activities were conducted in collaboration with the Ministry of Health, the Ministry of Agriculture, the Bureau of Standards and the Home Economics Teachers' Association.
- Antigua and Barbuda hosted the Twelfth Meeting of the Coordinating Group of the Pesticides Control Board in the Caribbean. IICA provided technical assistance for the planning and conduct of the meeting.

Strengthening Rural Communities Based on the Territorial Approach

- Travel was facilitated for one member of the Antigua and Barbuda Agricultural Forum for Youth to attend a Caribbean Agricultural Forum for Youth executive meeting, held in Dominica, and a workshop, held in Jamaica during the Caribbean Week of Agriculture.

Introducing Technology and Innovation for the Modernization of Agriculture and Rural Life

- IICA promoted sustainable environmental management by providing technical advice to the National Focal Group of the Global Environmental Facility.

**BAHAMAS***IICA's Contribution to the Repositioning of Agriculture and Rural Life*

- The national consultation process of our stakeholders effectively articulated their challenges and priorities, which supplement and/or dovetail with the Medium-Term Plan and goal-driven strategic plans.
- During the Caribbean Week of Agriculture (CWA), decision makers gained a better understanding of the scope of key issues from a regional perspective and experienced a small sample of value-added products from the region.
- International and local private-sector representatives took part in the CWA-07 in Jamaica.

Promotion of Trade and the Competitiveness of Agribusiness

- The Office contributed to two exhibitions and radio talk shows, and supported agribusiness training for members of The Bahamas Agricultural Producer Association (BAPA) and cooperative agents and leaders.
- In partnership with The Bahamas Agricultural Industrial Corporation (BAIC), IICA supported the participation of the Arts and Crafts Women's Cooperative in a tradeshow and the launching of The Bahamas Chapter of the Caribbean Network of Rural Women Producers (CANROP).

- In partnership with BAPA, the Institute helped obtain a Multilateral Investment Fund (MIF) grant from the IDB to encourage the development of producer groups into consolidated clusters for competitiveness.

Promoting the Sustainable Management of Natural Resources and the Environment

- North Abaco Fishing Cooperative and Grand Bahama Farmers' Agricultural Co-operative Society Ltd. initiated strategic planning to increase capacity for the sustainable harvesting of marine resources.
- Participation in damage assessment on Long Island following the passage of Tropical Storm Noel.

Strengthening Rural Communities based on the Territorial Approach

- In collaboration with the Ministry of Agriculture and Marine Resources (MAMR), IICA provided training in clean seed production of sweet potato cuttings.
- The Office promoted the introduction of an improved seed production system and other new aspects of agriculture.
- Students and teachers from New Providence and the Family Islands improved their knowledge of the importance of agriculture and the wide range of opportunities for them in agriculture, including hydroponics and greenhouse technology.



BARBADOS

IICA's Contribution to the Repositioning of Agriculture and Rural Life

- As part of IICA's 30th anniversary celebrations, young people learned about the "new agriculture" through lectures and farm tours that showcased technological innovations in agriculture.

Promotion of Trade and the Competitiveness of Agribusiness

- Implementation of Year 2 of the OAS Agri-Tourism Project, under which progress was made in developing a national strategy for agro-tourism

and investment proposals were prepared for two new farm-based tourism attractions.

- With funding from the Commonwealth Secretariat, a national Culinary Tourism Project was implemented with IICA's cooperation.
- IICA hosted the annual "Plantation Breakfast" at AgroFest.
- The Barbados Hotel and Tourism Association (BHTA) received support to organize the Best Big Bajan BBQ.
- A catalogue of Caribbean agro-tourism products and services was produced, as was an agro-tourism website for the region.
- A micro-credit service was developed and launched on the CANROP website, in collaboration with the St. George Farmers' Cooperative.

Strengthening Agricultural Health and Food Safety

- FAO co-funded and IICA hosted a regional workshop on GAPs/HACCP for the tourism sector.
- A workshop on post-harvest handling and GAPs/HACCP was organized with the Caribbean Hotel Association (CHA), under the Caribbean Regional Sustainable Tourism Development Project (CRSTDP).
- IICA held a regional workshop on capacity building opportunities with respect to scale insects, mealy bugs and Avian Influenza.

Strengthening Rural Communities based on the Territorial Approach

- Peruvian experiences in applying the territorial approach were shared with national authorities in order to replicate the exercise in a specific community in Barbados.
- A backyard farming/food security project was developed for the parishioners of St. Patrick's Cathedral.
- The Association of Women in Agriculture (AWIA), with collaboration from IICA, conducted a workshop on meat smoking and began planning the publication of a cookbook that will showcase various recipes utilizing local produce.

*Introducing Technology and Innovation for the Modernization
of Agriculture and Rural Life*

- MAR, in conjunction with IICA, undertook a survey of training needs of five farmer organizations, and a training workshop was held in the operation and management of greenhouses.



DOMINICA

IICA's Contribution to the Repositioning of Agriculture and Rural Life

- The Government of the Commonwealth of Dominica and the Ministry of Agriculture, Fisheries and the Environment prepared the Report on the State of and Outlook for Agriculture and Rural Life in Dominica.
- Final draft policy framework entitled "Invest in Dominica - Secure Agriculture - National Policy for the Agriculture Environment (Agri-Eco) System, 2007-2025" was submitted to the national authorities for discussion and finalization, with a view to presenting it to the Cabinet for national approval.
- In line with the Hemispheric Agro 2003-2015 Plan, the technical capacities and capabilities of the Ministry of Agriculture, Fisheries and the Environment (MoA) were enhanced to facilitate the MoA modernization process.
- The Ministry of Agriculture, Fisheries & the Environment, in collaboration with IICA, hosted a two-day National Symposium on Agriculture to review the current status of agriculture in Dominica and to identify and consolidate investment opportunities for successful interventions in the sector.

Promotion of Trade and the Competitiveness of Agribusiness

- OAS partnership successfully implemented the OAS/IICA project "Strengthening of the Tourism Sector through the Development of Linkages with the Agriculture Sector in the Caribbean."
- A national symposium was organized and held to develop a national Agro-tourism Strategy and Action Plan for 2008-2012.
- The capabilities of the Agribusiness Association of Dominica (ABAD) and the Dominica National Council of Women (DNCW) were strengthened in the area of the development and promotion of competitive agribusinesses.

- The constitution of the ABAD was revised and adjusted to guide the establishment and effective operation of the Dominica Chamber of Agribusiness (DCAB). This followed a meeting between the ABAD and the OECS Secretariat, supported by the French Embassy, to further discuss the way forward for agribusiness in Dominica and the development of a Strategic Agribusiness Framework.

Strengthening Agricultural Health and Food Safety

- Stakeholders in the agricultural and related sectors in Dominica have a forum where they can analyze decisions and agree on national positions on relevant sanitary and phytosanitary issues. In 2007, technicians from the Ministry of Agriculture, Fisheries and the Environment attended and actively participated in the 38th and 39th WTO/SPS Committee Meetings in Geneva.

Strengthening Rural Communities based on the Territorial Approach

- IICA helped to enhance the organizational and entrepreneurial capabilities of the Dominica National Council of Women (DNCW) by means of a national seminar entitled “Opportunities for the Development of Rural Business for Women in Dominica”.

Promoting the Sustainable Management of Natural Resources and the Environment

- In collaboration with UNECLAC, the damage done to the sector by Hurricane Dean was categorized under two broad headings, “direct damage” and “indirect damage/loss”.
- With the Pan American Development Foundation (PADF) and Texaco/Chevron, IICA helped the Giraudel Flower Producer Group (GFPG) obtain emergency assistance following Hurricane Dean. The village received a shade house and associated materials to ensure the supply of healthy seedlings.

Introducing Technology and Innovation for the Modernization of Agriculture and Rural Life

- In collaboration with FAO and CDB, IICA implemented the project “Evaluation of Green House Technology in Crop Production in the Caribbean.” This involved a comprehensive evaluation of past and present experiences in greenhouse technology in the Commonwealth of Dominica.



DOMINICAN REPUBLIC

IICA's Contribution to the Repositioning of Agriculture and Rural Life

- IICA made available to the Secretary of State for Agriculture (SEA) updated versions of the following reports: "State of and Outlook for Agriculture and Rural Life", "Progress and Challenges with respect to Meeting the Commitments of the Summits of the Americas with regard to the Agricultural Sector" and "Study on the True Contribution of Agriculture to the Gross Domestic Product".
- The 2007 National Consultation of Leaders of Agriculture and Rural Life was conducted. Some 200 surveys were involved in this consultation.
- As a result of the combined effort with the Oversight Commission for the Process for the Reform and Modernization of the Agricultural Sector, the policy framework for that sector as well as the proposal for its institutional reform were approved and Measures for the Medium and Short Term were prepared.
- IICA provided the SEA with an assessment of damage from tropical storm Noel.

Promotion of Trade and the Competitiveness of Agribusiness

- Studies on six agrifood chains were completed: poultry, broad beans, mango, avocado, oriental vegetables and bananas.
- Thanks to a combined effort with the SEA, meetings were held to reach agreement with the stakeholders in the pork and chicken agrifood chains and the Rice Chain Committee was established.
- In the framework of the Second Export Platform for the ethnic market of nationals of the Dominican Republic living in New York, a study was conducted on the availability of agricultural products for export, the export market was defined and participating companies were selected.
- As part of the pilot project on agro-tourism for three locations in the country, the demand for agricultural products on the part of hotels was identified as was their support for the development of these value-added products.

Strengthening Agricultural Health and Food Safety

- IICA contributed to the process of updating the AHFS legal and regulatory framework through the formulation of preliminary draft legislation, rules and regulations which were presented to the SEA.
- The capabilities of public institutions to apply SPS were upgrade as a result of the participation of officials in bilateral meetings with Haiti, international meeting at the WTO and numerous workshops and talks, technical assistance provided to these institutions and the preparation of documents on various subjects such as the control and eradication of classic swine fever and Avian Influenza and the application of GAP and GMP, etc.

Promoting the Sustainable Management of Natural Resources and the Environment

- Through various talks and workshops, skills and knowledge of producers in border areas were improved in the areas of organic agriculture, sustainable agricultural production and agro-tourism.
- Personnel from the Control Office received training in organic agriculture, which facilitated their participation in international events related to this subject area.
- IICA continued to participate in the Regional Forum of Competent Authorities in Organic Agriculture.
- Progress was made in evaluating the Control System.

Strengthening Rural Communities based on the Territorial Approach

- The institutional and regulatory framework of the country was strengthened in the areas of agricultural and forestry technology, biotechnology and biosafety practices.
- The IDIAF started to train officials in the design and validation of a methodology for assessing the impact of investment in agricultural research.
- The Project "Research on Non-destructive Molecular Methods and Molecular Markers for Determining the Optimum Date to Harvest Avocado" concluded.



GRENADA

IICA's Contribution to the Repositioning of Agriculture and Rural Life

- Awareness of national leaders' expectations regarding the twelve purposes of the AGRO-Matrix was increased and useful information for planning Grenada's agricultural and rural development was obtained from questionnaires that the leaders were asked to fill out.

Promotion of Trade and the Competitiveness of Agribusiness

- The Institute helped to enhance the business skills of 24 agri-entrepreneurs who took part in a workshop on entrepreneurship. The participants were drawn from the national chapters of the Caribbean Agri-Business Association (CABA), the Caribbean Forum for Youth (CAFY) and the Caribbean Network of Rural Women Producers (CANROP).
- Sixteen agro-processors took part in a workshop and acquired technology expertise for processing two of Grenada's most abundant seasonal fruits (mangoes and golden apples) to produce chutney, kuchela and pickles.
- Grenada's honey was successfully promoted, locally and internationally by the Grenada Association of Beekeepers (GAB) in conjunction with the Ministry of Agriculture and the Agency for Rural Transformation.
- The GAB has its own Secretariat, which organized the 2007 Annual Honey Show for its members. Some members also participated successfully in Britain's National Honey Show, held in London.
- Six new members joined the national chapter of CABA. Total membership now stands at 22.
- The Ministry of Agriculture awarded CABA a grant of EC\$2,250 and authorized a loan of EC\$90,000 for the implementation of a project entitled: "Establishment of a Farm Labour Company".
- IICA helped to enhance Grenada's agricultural marketing information network by facilitating the country's participation in the conference of the Marketing Information Organization of the Americas (MIOA).

Strengthening Agricultural Health and Food Safety

- Four specially selected farmers enhanced their capabilities for implementing Good Agricultural Practices (GAPs), specifically in the areas of record keeping, pesticide use and sanitation and hygiene, through information provided and periodic visits by IICA, the Ministry of Agriculture and the Grenada Bureau of Standards.
- The capabilities of national quarantine personnel were enhanced through a Plant and Animal Quarantine Workshop, organized by Grenada's Ministry of Agriculture.
- Grenada's agricultural health and food safety legislation was made more relevant and harmonized with CARICOM and FAO legislation related to plant protection and quarantine.
- Nineteen agro-processors increased their capabilities for producing safe agro-products by participating in a training course on the Hazard Analysis Critical Control Point (HACCP) process, sponsored jointly by IICA and the Grenada Bureau of Standards.

Strengthening Rural Communities based on the Territorial Approach

- The leadership skills of executive members of the Grenada Association of Beekeepers (GAB) and the national chapters of CABA, CAFY and CANROP were improved through their participation in a workshop on Community Group Leadership.

Promoting the Sustainable Management of Natural Resources and the Environment

- The national authorities demonstrated an increased commitment to the implementation of activities under the United Nations Convention to Combat Desertification and Drought (UNCCD). The Government approved a budget of EC\$62,000 to facilitate the work of the local Coordinating Committee of the UNCCD.

Introducing Technology and Innovation for the Modernization of Agriculture and Rural Life

- Increased public awareness of biosafety issues, through a television documentary produced under a FAO-funded project administered by the National Bio-safety Advisory Authority.



GUYANA

IICA's Contribution to the Repositioning of Agriculture and Rural Life

- The collaborative work of the MoA and IICA was enhanced following the designation of a liaison officer at the Ministry. This led to the MoA's Technical Committee being reconvened.

Promotion of Trade and the Competitiveness of Agribusiness

- Increased demand for local dairy products after they were promoted by the Guyana Dairy Development Project (GDDP), St. Stanislaus College Farm (SSCF) and the Guyana-Mississippi Chapter of Partners of the Americas (PoA).
- In collaboration with the MoA, IICA formulated a draft plan of action for revitalizing the hog industry.
- IICA trained the Pomeroon Women's Small Cottage Association (PWSCA) in organizational management and processing techniques, in preparation for the start-up of operations at their new factory.
- Farmers in the Lake Communities benefited from the Revolving Loan Fund established under the W. K. Kellogg Project.
- IICA provided administrative support for the second phase of the OAS/IICA Project: "Strengthening of the Tourism Sector through the Development of Linkages with the Agricultural Sector in the Caribbean".

Strengthening Agricultural Health and Food Safety

- Emergency preparedness was tested by means of simulation exercises on highly pathogenic Avian Influenza organized by PAHO, FAO, USAID, MoA, Ministry of Health (MoH) and IICA in Guyana, Saint Lucia and Suriname.
- IICA supported the attendance and active participation of MoA and MoH technicians at regional and international fora, including the WTO/SPS in Geneva, APHIS/USDA in Florida, Barbados and Jamaica.
- IICA continued to support the country's surveillance efforts, particularly along its borders, for the Carambola Fruit Fly (CFF), Giant African Snail and Pink Hibiscus Mealy Bug.

Strengthening Rural Communities based on the Territorial Approach

- The Tri-Lakes Farmers' Association benefited from training in various aspects of management and finance under the W. K. Kellogg Project.
- IICA helped prepare the Pomeroun Women's Small Cottage Association (PWSCA) for large-scale agro-processing.
- Region 10 farmers were organized and received training in record keeping and GAPs, in preparation for trade in agri-products.

Promoting the Sustainable Management of Natural Resources and the Environment

- Pineapple farmers and residents of the Lake Communities were provided with training in alternative methods for improving the fertility of sandy soils and biological pest control as part of the WK Kellogg Project.

Introducing Technology and Innovation for the Modernization of Agriculture and Rural Life

- The promotion of hydroponics and organic vegetable production was intensified through displays of the technologies at national exhibitions, the Secondary Schools' Hydroponics Competition and training activities at the St. Stanislaus College Farm.
- The "High-level Seminar on Expanding Bio-energy Opportunities" was held at the Guyana International Conference Centre, hosted by the Government of Guyana, in collaboration with the IDB, CARICOM, CTA, OAS, UNDP and IICA.
- Appropriate technology is expected to benefit small- and medium-scale dairy, pig, sheep and goat farmers by reducing their domestic fuel bills, particularly in regard to cooking gas, following the re-introduction of a low-cost, plastic biogas digester.

**HAITI***IICA's Contribution to the Repositioning of Agriculture and Rural Life*

- The state policy for agriculture and the rural milieu was formulated in collaboration with MARNDR staff and an external consultant.

- IICA assisted the local chapter of CACHE to improve its information services by facilitating a workshop involving practical training in library operations.
- The Institute played an active role in the food fair organized by FAO and the Ministry of Agriculture to commemorate World Food Day.

Promotion of Trade and the Competitiveness of Agribusiness

- IICA facilitated Haiti's participation in the meetings of the World Trade Organization (WTO).
- Government officials and Haitian businessmen took part in two missions to Canada - one on financing of the agricultural sector and the other on trade.
- The local chapter of CABA was reactivated and renewed its agribusiness vision.
- Twenty Haitian agribusiness enterprises enhanced their capabilities through an introductory seminar on exporting.
- An agreement protocol was signed with the Trade Facilitation Office of Canada for the implementation of three training seminars and one trade mission to Canada. Another agreement was signed with the Haitian-Canadian Chamber of Trade and Industry to seek the funds needed to implement this project.

Strengthening Agricultural Health and Food Safety

- Campaign to vaccinate domestic animals (dogs, cats) in the west, north and southeast and in the Artibonite areas, in cooperation with the specialized units of the Ministry of Agriculture.
- Fifty technicians and poultry producers were trained in Avian Influenza.
- The Haitian and Dominican authorities held bilateral meetings on major pests affecting animal and plant production on all parts of the island.
- The problem caused by the fruit fly was overcome by means of a task force set up at the Ministry of Agriculture.

Strengthening Rural Communities based on the Territorial Approach

- (training and the exchange of technical experiences among promoters, and food security for over 2000 farming families).
- IICA took part in the activities held to commemorate Biological Agriculture Day for the sixth time in Haiti.
- An agreement was signed with PRIMA for the implementation of a program entitled: "Reinforcement of the capacities of small farmers", financed by the European Union.

**JAMAICA***IICA's Contribution to the Repositioning of Agriculture and Rural Life*

- IICA Jamaica, in collaboration with the Ministry of Agriculture and Lands, staged the 7th Caribbean Week of Agriculture, the theme of which was "Agriculture - Harvesting Wealth through Tourism." Over 200 participants from many different countries took part in workshops on agro-tourism, risk management, nutrition, youth involvement in agriculture and a very successful trade show.
- The Office's information centre and Web page were re-launched.

Promotion of Trade and the Competitiveness of Agribusiness

- The Jamaica Greenhouse Growers Association (JGGA) was launched as part of a six-month, US\$12,710 technical assistance program aimed at promoting the development of modern greenhouse technology in Jamaica.
- Under the IICA/USAID Farmer-to-Farmer program, nine producer organizations benefited from technical assistance and training opportunities provided by 22 overseas volunteers in various specialist areas.

Strengthening Agricultural Health and Food Safety

- Through the Pig/Pork Industry Committee, dialogue among the various private operators and public support services of the pig/pork value chain led to the development of a protocol for issuing import permits.

- The IICA-led review of the Veterinary Division of the Ministry of Agriculture and Lands was concluded. The Ministry endorsed, and is now implementing, the recommendations.

Strengthening Rural Communities based on the Territorial Approach

- A broad cross-section of agro-tourism entrepreneurs, hoteliers, suppliers, farmers and industry officials took part in an IICA/OAS workshop under the regional project "Strengthening of the Tourism Sector through the Development of Linkages with the Agricultural Sector in the Caribbean". A strategy was developed to help with the efforts to link the agriculture and tourism sectors.
- The Jamaica Network of Rural Women Producers (JNRWP) held its Annual General Meeting and elected a new Executive. A proposal was submitted to secure funding for a strategic planning retreat for the Executive.
- Elim Community Friendly Society: the Office conducted a two-day training workshop on proposal writing for the members of the Society's Executive, to help them enhance their capacity to solicit funding for several infrastructure and community assistance projects.

Hurricane Dean Recovery Assistance

- Two hurricane relief projects were implemented, one funded by the Canadian International Development Agency (CIDA) to assist greenhouse growers and poultry farmers; and another, funded the Pan American Development Foundation (PADF), to deliver agricultural inputs to affected farmers. These projects were valued at US\$110,300.



SAINT KITTS AND NEVIS

IICA's Contribution to the Repositioning of Agriculture and Rural Life

- IICA helped TO increase stakeholders' awareness of the Summit of the Americas Process, the Agro Plan and the Jagdeo Initiative by implementing a training program. The Office also assisted the Ministerial Delegate with a National Consultation.

- The Policy and Planning Unit of the Ministry of Agriculture was established with the Institute's assistance.

Promotion of Trade and the Competitiveness of Agribusiness

- IICA supported the National Skills Training Department in conducting a six-week basic information technology course for small- and medium-sized enterprises.
- The Office collaborated with CARDI and the Department of Cooperatives in conducting an agribusiness workshop for 40 entrepreneurs.
- IICA strengthened the agricultural and tourism sectors by assisting with: (i) the formulation of an agro-tourism development strategy; (ii) the creation of economic opportunities during the World Cup Cricket matches; and (iii) the hosting of activities to commemorate Tourism Month.
- Two individuals from the public and private sectors received training in meat processing at the Scientific Research Institute of Jamaica.
- IICA assisted with the enhancement of the capabilities of agro-processors, youths and farmers for developing business plans and candle making.
- The Office provided financial support for the efforts of the St. Kitts Farmers' Cooperative to market its produce in St. Croix, United States Virgin Islands.

Strengthening Agricultural Health and Food Safety

- IICA enhanced the country's capacity in the area of policy and trade issues by facilitating the participation of representatives in the sanitary and phytosanitary (SPS) meeting in Geneva and the establishment of a local forum to disseminate information among the public and private sectors.
- The Office collaborated with the Ministry of Health and the Caribbean Development Bank in hosting a five-day regional workshop entitled "Training of Trainers Workshop and Symposium on Food Hygiene and Sanitation Practices."
- IICA helped the Ministry of Agriculture to enhance the effectiveness of the Quarantine System by reviewing its procedures and practices.
- The Office helped to develop the crop protection capacity of the Department of Agriculture by supporting the participation of officers in a workshop in

Barbados entitled: "Identification of the Mealy Bug and Scale Insects of Economic Importance to the Eastern Caribbean."

- The country has a greater awareness and understanding of the Lethal Yellow Disease of Coconut following the implementation of a national symposium.

Strengthening Rural Communities based on the Territorial Approach

- IICA collaborated with the Republic of China in providing sixty-two women with training in agro-processing.
- The Office negotiated a grant of US\$1,000 from the British High Commission to enable four women from the Fahie's Women Agricultural Producers Cooperative to participate in the workshop "Business Opportunities in Agro-processing," held in Dominica.
- 15 youths increased their capabilities in candle making.
- One youth was recruited to attend the Simon Bolivar United World College of Agriculture in Venezuela.
- IICA continued to support the beekeeping, basketry, agro-processing and sewing programs for marginalized youths at Project Strong.

Introducing Technology and Innovation for the Modernization of Agriculture and Rural Life

- The Office collaborated with the UNDP, CARDI and a rural women's group in implementing a project for growing vegetables under shade houses.
- A National Consultation was held to discuss two agro-energy feasibility studies conducted jointly with the OAS.
- Nine farmers took part in an organic farming seminar.



SAINT LUCIA

IICA's Contribution to the Repositioning of Agriculture and Rural Life

- The Minister of Agriculture participated in the Forum for Leaders of Agriculture. As a result, priority actions were agreed to with the Director General which

have paved the way for modernization and institutional reform within the Ministry of Agriculture, Lands Forestry and Fisheries (MALFF).

- IICA supported the Hemispheric Ministerial process and the work of Ministerial Delegates.
- IICA facilitated national dialogue through the completion of questionnaires to ascertain leaders' expectations, and increased understanding of the Agro Matrix and its use in national development planning.
- Nine agencies expressed interest in forming a consortium for collaboration and the implementation of a broad-based inter-agency agenda to be developed within the ECS.

Promotion of Trade and the Competitiveness of Agribusiness

- IICA facilitated enhancement of the knowledge of staff of the MALFF and the leaders of the cooperative sector through training in policies and procedures for the agricultural sector.
- A framework for the development of agribusiness was developed for discussion with stakeholders.
- MALFF consulted with industry leaders in agriculture and related sectors to agree on the development of a marketing infrastructure targeted at non-banana farmers.

Strengthening Agricultural Health and Food Safety

- With the Florida Association of Voluntary Action for the Caribbean (FAVA/CA), IICA facilitated a workshop on Good Production Practices to assist with improvement of the knowledge capacity and capability of pig farmers in the livestock sub-sector.
- The capacity of banana industry stakeholders to manage sigatoka leaf spot disease was enhanced by training farmers and spray operators.
- A draft Simulation Plan for Black Sigatoka was prepared and distributed among industry stakeholders for discussion.
- IICA supported assessments by banana industry officials of farms where Moko disease symptoms on banana had been reported.
- IICA provided technical input for developing a training video on Moko disease as part of a public awareness exercise.

Strengthening Rural Communities based on the Territorial Approach

- The Saint Lucia Network of Rural Women Producers (SLNRWP) was empowered to begin charting its own development path. IICA also supported the implementation of a needs assessment among its members.
- Complementary funding was received from the Canadian Local Initiative Fund (CLIF) to rehabilitate and expand fruit and vegetable production in four vulnerable communities, targeting women and youth.
- Governance within the Saint Lucia Agriculture Forum for Youth (SLAFY) was strengthened when the group hosted the Executive Meeting of the Caribbean Agriculture Forum for Youth (CAFY).

Promoting the Sustainable Management of Natural Resources and the Environment

- A comprehensive and credible assessment of the damage sustained by the agriculture sector was conducted to determine the interventions needed to rehabilitate and reconstruct the sector after Hurricane Dean.
- IICA helped the staff of the Forestry Department improve their expertise and develop mechanisms to effectively transfer their knowledge of the value of forest and forest products to the wider population.

*Introducing Technology and Innovation for the Modernization
of Agriculture and Rural Life*

- Two workshops were conducted by Stakeholders in agriculture and related sectors about the cost, benefit and operations of production using low-cost hydroponics systems similar initiatives were undertaken with the construction and introduction of the first such system at the Marigot Secondary School.



SAINT VINCENT AND THE GREANDINES

IICA's Contribution to the Repositioning of Agriculture and Rural Life

- The Office facilitated the participation of the Minister of Agriculture at the Ministry of Rural Transformation in the Hemispheric Meeting of Ministers of Agriculture in Guatemala.
- The Office initiated discussions with the Permanent Secretary and the Chief Agricultural Officer for the development of strategic plans for rural development.

Promotion of Trade and the Competitiveness of Agribusiness

- The Office facilitated the visit of IDB/MIF Project, a consultant mission from the firm Sociedade Portuguesa de Inovação (SPI) to discuss with stakeholders and other Management Units.
- Beekeepers were assisted with the importation of 12 colonies from St. Lucia.
- A document was prepared by the Office for the Agricultural Diversification Unit for funding for a project proposal.

Strengthening Agricultural Health and Food Safety

- Technical staff of the Ministry of Agriculture, Forestry and Fisheries (MAFF) and the St. Vincent Banana Growers' Association enhanced their capabilities by taking part in a training workshop on the identification and management of the Moko and Black Sigatoka diseases. The MAFF implemented the Emergency Action Plan under a program for the rehabilitation of the banana fields.
- In collaboration with MAFF, a proposal was prepared for the sustainable rehabilitation of the affected banana fields. It was then submitted to the Agricultural Diversification Unit for funding.

Strengthening Rural Communities based on the Territorial Approach

- The President of the SVG Chapter of the Network of Rural Women Producers (SVGNRWP) attended the Executive Board Meeting of CANROP, held in Trinidad.
- The President of CABA(SVG) attended the CABA/MIF/IDB Project Review Meeting in Jamaica.
- The President of the SVG Agricultural Forum for Youth (SVGAFY) took part in the meeting of the Executive of CAFY held in St. Lucia.
- The National Agro-Tourism Committee and its Terms of Reference were established and approved for the implementation of the regional Agro-tourism Project.

Introducing Technology and Innovation for the Modernization of Agriculture and Rural Life

- The National Biosafety legislation was approved by the National Parliament.



SURINAME

IICA's Contribution to the Repositioning of Agriculture and Rural Life

- IICA sponsored a seminar on the Agro Plan and Agro Matrix and their links with Suriname's Agriculture Program.
- Suriname's Agriculture Sector Plan was translated and delivered to the Ministry of Agriculture.
- The "Partnership" bulletin provided stakeholders with information about IICA's activities and important topical issues related to agriculture and rural life.
- IICA assisted the Ministry of Regional Development in formulating a policy framework for implementation in the Interior communities in the country.

Promotion of Trade and the Competitiveness of Agribusiness

- Alternative economic activities for Suriname Maroon and indigenous communities were explored, as were other market opportunities for the podosiri berry, the fruit of the Manicole palm (*Euterpe oleracea*).
- IICA conducted a pre-feasibility study for the Ministry of Agriculture (LVV) on Agricultural Standards (PAS) to facilitate agricultural trade.
- Information was obtained by the Institute from Guyana on its experience with small-scale pineapple and heart of palm processing for export, as well as the organizational and operational structure of an export packing house for agricultural produce.

Strengthening Agricultural Health and Food Safety

- IICA assisted the Ministry of Agriculture with the publication of a manual on plant pests and diseases and posters on the safe use of pesticides.

The Office continued to support the implementation of the Avian Influenza prevention program and the monitoring and surveillance of the Carambola Fruit Fly.

Strengthening Rural Communities based on the Territorial Approach

- Six different income-generating farming models were validated as an alternative for illicit gold-mining and logging in the Brownsberg nature

reserve, as part of the joint IICA/WWF project “Sustainable Small-scale Income Generation Activities for Brownsveg Communities.”

- In conjunction with the Peace Corps, UNDP and the community of Balingsula in the Brokopondo district, the Office initiated a process to establish a model farm to demonstrate improved sustainable commercial agricultural production.

Promoting the Sustainable Management of Natural Resources and the Environment

- A painting competition was organized for Suriname’s young people. The theme was “The Effects of Global Warming on Agriculture” and the objective was to raise young people’s awareness of agriculture.
- IICA collaborated with Suralco as a member of a committee on the development of a rehabilitation program for mined-out bauxite areas in the Moengo region.
- A project was implemented in the Brownsberg area by the Institute to develop a farming model to provide alternatives for illicit logging and mining.
- The Office facilitated a workshop on bio-energy for dairy and pig farmers.
- In partnership with Suralco, Suriname Rotary Club and Stogo, a community-based organization, a bio-diesel pilot project was implemented in Guyaba to generate a sustainable supply of electricity through the production of *Jatropha curcas*.

Introducing Technology and Innovation for the Modernization of Agriculture and Rural Life

- The OAS/PADF/IICA Flood Relief Project was intensified to continue bringing relief to communities along the Upper Suriname River. Food production, food security and family nutrition were improved by introducing new varieties and farming techniques.
- Thirteen new hot-pepper varieties were introduced into Suriname and are being tested under local agro-ecological conditions, in collaboration with CELOS and the Research Division of the Ministry of Agriculture, Animal Husbandry and Fisheries.
- IICA assisted the Ministry of Agriculture (LVV) in formulating and implementing an Agricultural Diversification Program for small rice farmers in the districts of Nickerie and Coronie.



TRINIDAD AND TOBAGO

IICA's Contribution to the Repositioning of Agriculture and Rural Life

- The Ministry of Agriculture, Land and Marine Resources (MALMR) was provided with assistance in formulating relevant policies relating to agriculture and rural development.
- The Ministerial Delegate received support with the coordination of the national consultation for the AGRO 2003-2015 Plan and the preparation of the report for the Summit Implementation Review Group (SIRG).
- IICA completed a report that demonstrated the agricultural sector's contribution to GDP is more than twice the amount measured by traditional national accounting.
- An updated version of the "State of and Outlook for Agriculture and Rural Life in Trinidad and Tobago, 2006" was completed for presentation to the national authorities.

Promotion of Trade and the Competitiveness of Agribusiness

- The policy analyses undertaken on the citrus and rice industries provided recommendations for the Government and industry to consider, with a view to making those industries more competitive.
- A production manual was prepared for three selected fruits (sapodilla, sugar apple and soursop) as a means of promoting improved practices and expanding production and consumption of those fruits.
- Rural community groups received training, which enhanced their capacity to identify business opportunities and develop proposals for securing financial resources to increase the rate at which agricultural enterprises are started.
- The Trinidad and Tobago Herbal Business Association (TTHBA) completed three proposals for developing the local chapter as part of the wider Caribbean program. The Caribbean Herbal Business Association (CHBA) published the first Caribbean Herbal Business magazine.
- The TTHBA assisted with the organization and successful hosting of a regional ICS-UNIDO workshop "Quality Control, Science Validation and Business Prospects of Medicinal Plants and Aromatic Plants," which identified the need to prepare an inventory of the medicinal plants of the region and other important information.

Strengthening Rural Communities based on the Territorial Approach

- Appropriate measures and programs to facilitate the development and diversification process were identified for the Caroni agricultural development area, which is transiting from traditional sugar cane production.
- A baseline study was initiated to identify and assess the development needs of a specific reference territory situated in the Caroni district.
- The Office facilitated participation for two members of the Network of Rural Women Producers (NRWP) in the World Congress on Rural Women, held in South Africa, exposing them to similar networks and paving the way for the Network to engage in more creative, self-sustaining development activities.
- IICA, in collaboration with the Agricultural Development Bank (ADB) and the National Marketing and Development Corporation (NAMDEVCO), enhanced the capacities of women and youth in a range of issues, including how to manage money and business financing.
- A National Task Force on Agro-tourism, comprising ten representatives from the public and private sectors, supported the development of a national agro-tourism program.
- The Office organized two workshops on agro-tourism which provided participants with a better understanding of the concept of agro-tourism and the many possibilities for business ventures that exist them.

Introducing Technology and Innovation for the Modernization of Agriculture and Rural Life

- The regional strategy for biotechnology and biosafety was implemented through two projects on capacity building and commercialization which were completed and submitted to donors.



Chapter VI

New Opportunities for Technical Cooperation



New Opportunities for Technical Cooperation

IICA and the Caribbean Agricultural Research and Development Institute (CARDI) signed a Cooperative Agreement to contribute to the modernization of the rural sector; the promotion of the food industry; and the development of a sustainable agricultural sector of the Americas. The Agreement seeks to coordinate the work programs of both organizations in an attempt to create synergies focused on the implementation of the Jagdeo Initiative. Specifically, the Agreement addresses an action plan to alleviate the ten key binding constraints. Also, it seeks to support the work of the Alliance and its national chapters, which include the National Coordinating Committee for Agriculture Research Development (NCCARD). Cooperation between IICA and CARDI will also foster cooperation and linkages with hemispheric institutions and organizations such as CATIE and FONTAGRO. In addition, this collaboration will facilitate activities in the areas of Agri-food, Agri-Product chains, including biotechnology, natural resource management, bio-diversity and agricultural production, agricultural health and food safety and sustainable rural development.



Appendix

Appendix 1: Main activities by IICA at the regional level in 2007

Date	Activities	Participants	Location
May 31 - June 1	Regional Workshop: Hot Peppers Industry Linkages and Capacity Development	57	Jamaica
August 21 – 24	Opportunities for increasing the production of fruits and vegetables through the use of greenhouses in The Bahamas	64	Eleuthera and Nassau, The Bahamas
August 23- 24	Workshop: Entrepreneurship and Business Management for Investment in Agribusiness <ul style="list-style-type: none"> • Income vs Capital • Risk Management Workshop: Investing in Sustainable Enterprises <ul style="list-style-type: none"> • New regulatory issues 	37	The Bahamas
September 24	Agribusiness Workshop for Senior Officers of the Ministry of Agriculture (MARNDR) and IICA- Haiti	43	Damien, Haiti
October 3 - 8	Caribbean Week of Agriculture	250	Runaway Bay, Jamaica
	Regional training workshop for Plant Quarantine Inspectors (in collaboration with USDA-APHIS and the Ministry of Agriculture and Lands, Jamaica)	43 persons from 13 countries	Jamaica

Appendix 2: Publications

Francis, D.; Rampersaud, R. 2006. In a Nutshell: Risks in agriculture – a key binding constraint. Trinidad and Tobago: IICA.

ISSN 1991-2323

Parke, A.; Francis, D. (Eds.) AgriView. Vol. 13, No. 1, 2007

ISSN 1991 2315

Parke, A.; Francis, D. (Eds.) AgriView. Vol. 13, No. 2, 2007

ISSN 1991 2315

Parke, A.; Harry, E. (Eds.) Tropical fruits newsletter. No. 49, December 2007

ISSN 1024 1957

Appendix 3: Acronyms

AHFS	Agricultural Health and Food Safety
AI	Avian Influenza
CABA	Caribbean Agribusiness Association
CAFY	Caribbean Agricultural Forum of Youth
CAHFS	Caribbean Agricultural Health and Food Safety Agency
CAIC	Caribbean Association of Industry and Commerce
CANROP	Caribbean Network of Rural Women Producers
CARAPA	Caribbean Association of Researchers and Herbal Practitioners
CARAPN	Caribbean Agricultural Policy Network
CARDI	Caribbean Agricultural Research and Development Institute
CARICOM	Caribbean Community
CARIRI	Caribbean Industrial Research Institute
CATN	Caribbean Agro-Trade Network
CBERA	Caribbean Basin Economic Recovery Act
CCS	Caribbean Community Secretariat
CDB	Caribbean Development Bank
CDE	Centre for the Development of Enterprise
CEDA	Caribbean Export Development Agency
CEHI	Caribbean Environmental Health Institute
CDERA	Caribbean Disaster Emergency Response Agency
CGABC	Consultative Group for Agro-biotechnology in the Caribbean
CGCS	Caribbean Gift and Craft Show
CHA	Caribbean Hotel Association
CHBA	Caribbean Herbal Business Association
CHG	Conference of Heads of Government
CIDA	Canadian International Development Agency
CISWG	Caribbean Invasive Species Working Group
CPBB	Caribbean Programme on Biotechnology and Biosafety
CRA	Caribbean Rice Association
CRFM	Caribbean Regional Fisheries Mechanism
CROAM	Caribbean Regional Organic Agriculture Movement
CTA	Technical Centre for Agriculture and Rural Cooperation
CTCS	Caribbean Technological Consultancy Services Network
CTO	Caribbean Tourism Organization
CWA	Caribbean Week of Agriculture
ECS	Eastern Caribbean States
FAO	Food and Agriculture Organization of the United Nations
GAPS	Good agricultural practices
GHP	Good Hotel Practices
HACCP	Hazard Analysis and Critical Control Points
IICA	Inter-American Institute for Cooperation on Agriculture

IWRMS	Integrated Water Resources Management Strategy
IWCAM	Integrated Coastal Area and Watershed Management Project
JAS	Jamaica Agricultural Society
LLPB	Livestock and Livestock Products Board
MDG	Millennium Development Goals
MEAgrISys	Monitoring and Evaluation Information System for the Agro 2015 Plan and Jagdeo Initiative
NRWP	Network of Rural Women Producers, Guyana
OAS	Organization of American States
OECS	Organization of Eastern Caribbean States
PIOJ	Planning Institute of Jamaica
PROCICARIBE	Caribbean Research, Science and Technology Networking System
RDC	Rural Development Commission (Barbados)
SLMB	Saint Lucia Marketing Board
SPS	Sanitary and Phytosanitary
SURALCO	Suriname Aluminium Company
TTABA	Trinidad & Tobago Agribusiness Association
UG	University of Guyana
UNDP	United Nations Development Programme
UNEP	United Nations Environment Programme
USAID	United States Agency for International Development
USDA	United States Department of Agriculture
UWI	University of the West Indies
WTO	World Trade Organization
WTTC	World Travel and Tourism Council