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codex alimentarius commission



FOOD AND AGRICULTURE
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Agenda Item 15

JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEX ALIMENTARIUS COMMISSION

Thirty-second Session

FAO Headquarters, Rome, Italy, 29 June - 4 July 2009

OTHER MATTERS ARISING FROM FAO AND WHO (CAPACITY BUILDING)

(Prepared by FAO and WHO)

Introduction

- During the past year various initiatives have been undertaken or continued by FAO and WHO, in collaboration with relevant partner organizations and institutions, to:
 - further enhance the respective roles of the agriculture and health sectors in ensuring the quality and safety of the food supply,
 - strengthen cooperation and collaboration between FAO and WHO and with other partners in the field of food safety and quality; and
 - upgrade the capacity of developing member countries in food safety and food quality assurance and support their effective participation in Codex work.

Information on the global capacity building activities of FAO and WHO in food safety and quality during the reporting period is provided below. The regional and national activities of each region are provided in the attached Annexes 1-6.

TECHNICAL ASSISTANCE - OVERVIEW

- FAO and WHO are engaged in a programme of technical assistance activities and projects at national, regional and international levels. The areas covered include strengthening food control systems, training of food control officials and technical staff (food control managers, food inspectors, and food analysts), enhancement of food control laboratory capabilities, implementation of risk analysis and risk assessment of microbiological hazards in food, support in establishing national Codex committees, policy advice and establishment of regulatory frameworks. More information is available from: www.fao.org/ag/agn/agns. FAO and WHO technical assistance activities are in support of the Codex Strategic Plan 2008 – 2013, in particular activities 1.7, 2.6 and 5.4.

SUPPORTING MATERIALS FOR CAPACITY BUILDING

3. FAO and WHO are also engaged in the development of a number of manuals, guidelines and training materials to facilitate the capacity building effort. These materials are particularly relevant to policy makers responsible for strengthening food control programmes. Most are developed jointly, except for a few which are prepared under specific field projects operated either by FAO or WHO. Information on some of the most recent publications is given below. Other relevant publications are listed in Annex 7 of this document.

- “Good hygienic practices in the preparation and sale of street foods in Africa - Tools for training” has been published in French; the English version is in preparation.
- “Food Safety Risk Analysis: A guide for national food safety authorities” is now also available in French and Spanish. An accompanying CD-ROM comprising a slide presentation for training, related FAO and WHO training materials and risk analysis case studies is currently under finalization.
- FAO began work on a CD-Rom based technical resource package on food hygiene and quality assurance. The target audience for the resource package includes governmental and non-governmental organizations that provide training and other technical support to small and medium-scale businesses on programmes of food hygiene and quality assurance.
- The FAO/WHO guidance document for governments on the application of HACCP, in small and less developed businesses (SLDBs) was finalized. The document is now available at http://www.fao.org/ag/agn/food/quality_haccp_en.stm and at: www.who.int/foodsafety/publications/fs_management/haccp_sidbs/en/index.html; as well as in a printed version in English, French and Spanish. The guidelines are also being translated into Chinese.
- FAO developed a standardized training package to assist countries in implementing relevant Codex texts related to the food safety assessment of foods derived from recombinant-DNA plants. This training package, entitled "GM food safety assessment: tools for trainers", contains both theory and practical examples of risk assessments of foods derived from modern biotechnology and a guide for training regulators. The pre-publication copy is available and the publication including a CD with training materials is expected to be out in summer 2009.
- FAO published a ‘Risk-Based Food Inspection Manual’ which introduces a risk-based inspection approach and procedures for primary production operations and food processing establishments. The publication is currently in English and Spanish. The French version will be available shortly. As part of this work ‘Guidelines for risk-based fish inspection’ which provides technical information to support fish inspection systems was published in English at the end of 2008. French and Spanish versions are under preparation.
- WHO/AFRO developed a Training Manual on Food Safety Risk Analysis. The document is being finalized in English and will be translated into French and Portuguese in due course.
- FAO will publish a book on food labelling this year in collaboration with Woodhead publishers (UK). The book includes chapters on international legal considerations, Codex, nutrition labelling, allergies and food labels, environmental and social labels, organic food labels, ecolabelling and wild fisheries, geographic origin and identification labels and labelling of genetically modified/engineered foods.
- FAO and WHO are developing food safety emergency response guidelines to assist member countries to both prepare for and manage such emergencies. In addition, a series of subject specific guidelines on food recalls, food complaint systems, risk communication during food safety emergencies and risk assessment and risk management for urgent food safety events are being developed to provide more detailed guidance on these important aspects of food safety emergency preparedness, alert and response.
- WHO, FAO, in collaboration with OIE and the Industry Council for Development (ICD), held a round table discussion at FAO headquarters from 10 to 11 September 2008 to discuss the global needs for capacity building in food safety, water and nutrition through training and education. The main focus of the meeting was to discuss enhanced cooperation among partners from private and public sectors to further improve activities and information disseminated through training and

- education initiatives in the field of food safety, water safety and nutrition. Within the framework of this partnership, FAO/WHO and ICD are 1. Developing practical training materials on risk analysis for food safety practitioners; 2. Developing briefing material for decision-makers on the subjects of food safety, water and nutrition) and 3. Reviewing means of enhancing public/private partnership through the convening of a Round Table on this topic with tentative dates of February 2010.
- FAO has initiated the development of a publication on Food safety and quality policy which aims at providing guidance to national authorities on development of food safety and quality policies that are in line with international principles and that are integrated into other national policies and programmes.
 - FAO is developing a publication on “Aid for trade: food safety and quality” as part of series of “Aid for trade” publications. This publication will explain the importance of food quality and safety issues in the food trade and will provide an updated account of what FAO does in this area.

INFORMATION EXCHANGE MECHANISMS

4. The International Portal on Food Safety, Animal and Plant Health (www.ipfsaph.org), a joint initiative with IPPC, OIE, Codex and WTO, continued to develop. As of April 2008, the portal contains over 55535 000 records (representing an increase of 38% year on year) sourced from nearly 50 different official data sources, and growing. The number of page views averages 9 000 per day, with over 40 000 visitors per month. It was also noted that there are annual surges in demand during the spring, which, possibly, can be attributed to the timing of key meetings of standard setting bodies (e.g. WTO SPS, Codex and OIE) in the spring and summer. The portal recently added a number of new data sets, as follows:

- IAEA's Nucleus Clearance of Irradiated Foods Database using an automated web services linkage;
- All current JECFA specifications for food additives, flavouring agents, and residues of some veterinary drugs in animals and foods, and the portal is now automatically linked to the updated and revised JECFA databases;
- Automatic linkage with WTO's new SPS Information Management System ensures that vital SPS related data sets such as Notifications, Specific Trade Concerns and national SPS enquiry point details are automatically updated through the portal.

5. In addition, a data set for food safety assessment of r-DNA plants authorized in accordance with the Codex Guideline for the Conduct of Food Safety Assessments of Foods Derived from Recombinant-DNA Plants was created¹. In cooperation with the OECD BioTrack database, an interoperable central database, publicly accessible from www.ipfsaph.org, containing food safety assessments relating to foods derived from r-DNA plants has been developed and populated. The data set pools food safety assessment records for approved transformation events from various official online sources including OECD BioTrack, the Biosafety Clearing House and the EC Register of Genetically Modified Food and Feed, amongst others.

6. INFOSAN, the International Food Safety Authorities Network, developed and maintained by WHO in collaboration with FAO, was inaugurated in October 2004. Identified as a priority need by both Codex and the World Health Assembly, 167 Member States have now joined the network. Since its creation, INFOSAN has responded to requests for information on how to develop and maintain food control systems by providing INFOSAN Information notes on timely food safety topics. INFOSAN EMERGENCY, the emergency arm of the network which operates under the umbrella of the International Health Regulations (2005), performs global surveillance of food contamination and foodborne disease events. Every month, the INFOSAN identifies an average of 157 notices of food contamination and food-borne disease events with potential international implications. On average, about 10-20 food notices require follow up activity by INFOSAN. One to two INFOSAN Emergency Alerts are sent out to countries receiving contaminated food each month. During the past year, INFOSAN Emergency Alerts about the global distribution of contaminated food have gone to all Members of INFOSAN.

7. In June 2008 FAO/AGNS launched the new website on “Specific quality” under project GCP/INT/022/FRA funded by France. Some food products differentiate themselves from others within a

¹ As requested by the 7th Session of the Codex *ad hoc* Intergovernmental Task Force on Foods Derived from Biotechnology (Chiba, Japan, 24-28 September, 2007).

category by some characteristics, quality or reputation essentially due to their geographical origin. This differentiation can be attributed to the typicity, history of the product, distinctive character linked to natural and human factors such as soil and climate, local know-how, traditions. These quality products are interesting as part of food security, by contributing to rural development and giving consumers greater choice. The aim of the website is to provide information on this type of quality and the activities done in this area: case studies, regional seminars, expert meetings and technical cooperation projects. www.foodquality-origin.org

8. FAO also launched a new webpage on Veterinary and Public Health, Feed and Food Safety www.fao.org/ag/AGAinfo/programmes/en/A6.html and one global and four regional networks on the same themes.

9. PAHO/WHO launched the virtual health library in food safety: <http://bvs.panalimentos.org/php/index.php?lang=es>

10. A training workshop on introduction to Quality Control/Quality Assurance Measures in Pesticide Residue Analytical Laboratories Workshop was held at the FAO/IAEA Training and Reference Centre for Food and Pesticide Control in Siebersdorf, Austria, from 6 to 31 October 2008.

11. To ensure effective bridging between early warning, preventive actions and response to threats to the food chain, FAO is in the process of streamlining its emergency prevention and management framework for the food-chain crisis. This includes the extension of the FAO EMPRES (Emergency Prevention System for Transboundary Animals and Plant Pests and Diseases) programme to also cover food safety. The primary purpose of EMPRES-Food Safety is the prevention and early warning of food safety emergencies and it is being established taking into consideration existing networks and activities in the area of prevention and early warning worldwide. To this end, EMPRES–Food Safety will facilitate greater FAO support to INFOSAN, particularly in relation to accessing relevant information from the agriculture sector, analysing trends, forecasting and providing technical assistance to prevent emergencies. More information is available at: EMPRES-FS@fao.org

INTERNATIONAL EVENTS

12. FAO together with the International Industry Academy (IIA), Russian Federation, and with the participation of WHO organized an international conference on food safety, food security and nutrition which took place in Moscow from 28 to 30 October 2008. The conference programme addressed topics related to the management and implementation of food safety systems to ensure safe food and consumer protection and food security and nutrition. Specific issues included integrated food safety system, risk analysis principles and practical application, and food safety management systems within the food industry, and nutrition education.

13. WHO provided 12 international training courses on the surveillance and detection of foodborne and other infectious enteric diseases through a programme called WHO Global Salm-Surv. Training sites included Argentina, Brazil, Cameroon, China, Kenya, Madagascar, Malaysia, Papua New Guinea, Poland Russia (St. Petersburg and Moscow) and Trinidad and Tobago. With the exception of Brazil and China, each international training course is attended by 2 to 4 representatives from between 8 and 18 countries. During the courses integrated laboratory-based surveillance is promoted and inter-sectorial collaboration between human health, veterinary and food-related disciplines is fostered around the world. WHO is actively seeking collaboration with FAO in future training activities.

GLOBAL PROJECTS

14. The Government of Norway signed a Programme Cooperation Agreement (PCA) with FAO, with the overall objective of supporting the Millennium Development Goals (MDGs) in developing countries through the work of FAO, for the period 2007-2008. One of the principal objectives of this project is “Improved Food Safety and Quality at National Level and along the Food Chain”. Activities are being conducted in Bhutan, Burkina Faso, Cambodia, Honduras, Kenya, Laos, Nicaragua, Tanzania and Uganda. Outcomes to be reached include: acceptance and use of Good Agricultural Practice (GAP); capacity building and awareness raising for integrated natural resource governance and management (SARED), support to

food quality and safety and Codex related work and guidelines, advice and instruments related to small-scale/artisanal fisheries implemented/developed.

15. Under the same Programme Cooperation Agreement, Norway is supporting a series of activities aimed at strengthening FAO's earlier work on the integration of food safety, animal health, plant health and biosafety under the biosecurity framework. In this context, a three-part Biosecurity Toolkit (comprising an introductory text, a biosecurity capacity assessment guide and a biosecurity risk analysis manual) is now available and other activities to assess biosecurity capacity needs and strengthen an integrated biosecurity approach are underway (including in Bhutan, El Salvador, Haiti and Panama). More information is available at: www.fao.org/ag/agn/agns/foodcontrol_en.asp.

16. The Governments of the Netherlands and Norway are jointly supporting an FAO Multi-donor Partnership Programme (FMPP) for 2009 that succeeds the PCA Norway and provides continued support to "Improved Food Safety and Quality at National Level and along the Food Chain". Activities under the 2009 programme are being implemented at national and sub-regional levels and includes the following countries: Bhutan, Burkina Faso, Cambodia, Democratic Republic of Congo, Lao PDR, Myanmar, Mali, and Uganda

17. The French funded project GCP/INT/022/FRA has been extended (2007-2010) and is being implemented, with support from FAO, to assist member countries in developing specific quality schemes, that are adapted to their economic, social and cultural situation and contributing to rural development through the valorisation and preservation of quality products and local resources associated. The practical objective is to capitalize information and knowledge about experiences of member countries, to support FAO policy and strategy in this area and recommend mechanisms to address member countries' needs. To this end, different activities have been implemented such as: regional seminars, expert meetings, networking, case studies with concrete examples on assets and constraints, success or failure factors, supportive tools.

Annex 1**AFRICA****REGIONAL/NATIONAL EVENTS**

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
Workshop on food safety risk analysis	WHO/AFRO in collaboration with the University of Mauritius	24-30 November 2008	Quatre Bornes, Mauritius
Training in laboratory-based foodborne disease surveillance GSS level II	WHO/AFRO in collaboration with the Global Salm-surv Steering Committee for East, Central and West African Anglophone countries	19-24 January 2009	Nairobi, Kenya
Subregional Workshop on Food Safety Risk Analysis: A Guide for National Food Safety Authorities in Southern Africa. More than 20 experts from Botswana, Lesotho, Namibia, South Africa., Zambia and Zimbabwe	FAO	February 2009	Botswana
Regional Workshop on SPS and TBT issues associated with fishery products	FAO	16-21 March 2009	Dakar, Senegal
Codex Code of Practice and Fish Inspection Services	FAO	27-29 April 2009	Lilongwe, Malawi
Pre-Codex workshop on Risk Analysis applied to Mycotoxins	FAO	23 February 2009	Accra, Ghana
Training in laboratory-based foodborne disease surveillance GSS level II	WHO/AFRO in collaboration with the Global Salm-surv Steering Committee for Madagascar and other Island States	27 April – 2 May 2009	Madagascar

PROJECTS/DIRECT ASSISTANCE TO COUNTRIES

Title	FAO/WHO	Country	Status
Training in microbiological analysis of food	WHO/AFRO	Algeria	2008
Strengthening of the national Codex Committee and the Food Control System through a national project	FAO/TCP	Angola	Ongoing
Emergency response mission to address Bromide intoxication event	WHO	Angola	Mission conducted. Reports presented to Government of Angola.
Support for SPS information systems in Benin	FAO/STDF	Benin	Ongoing
Evaluation of National food control systems and food safety programmes, elaboration of food safety policies, legislation, strategies and plans of action	WHO/AFRO	Benin, Kenya, Gambia, Guinea, Ghana, Mauritius and Togo	2008
Capacity building to enhance fish trade performance in selected African countries (complying with SPS)	FAO/STDF	Benin, Gambia, Mauritania, Senegal, Sierra Leone	Ongoing
Strengthening Food Safety	FAO	Botswana	End March 2009
Establishment of national food safety task force, committees and working groups	WHO/AFRO	Botswana, Guinea, Kenya, Mozambique, Sierra Leone and Uganda	2008
Advice and support to the Centre Pasteur du Laboratoire de Chimie de Hygiène Environnement, for the implementation of a study on exposure of the inhabitants of Yaoundé to pesticide residues using a total diet study (TDS)	FAO/WHO	Cameroon	
Support development of the national biosecurity policy	FAO	Cameroon	2008
Strengthening the national food safety and quality control system in Cameroon	FAO/STDF	Cameroon	Ongoing
Strengthening the national Biosecurity systems in Cape Verde	FAO	Cape Verde	Under approval
Development of posters on proper food handling practices, hand washing and conservation of food products as well a guide for proper	WHO/AFRO	Chad	2008

Title	FAO/WHO	Country	Status
safe handling.			
Training of food vendors in markets in Brazzaville using the Five Keys to Safer Food	WHO/AFRO	Congo, Rep. of	Ongoing
Development of Guide for Social Mobilization	WHO/AFRO	Congo, Rep. of	2008
Assessment of Food control capacities and formulation of a project proposal for the Republic of Congo	FAO/TCP	Congo, Rep. of	In formulation
Strengthening the National Codex Committee	FAO/AGNS	Côte d'Ivoire	Ongoing
Investigation of unknown liver disease	WHO/AFRO	Ethiopia	2008
Strengthening national biosecurity capacity	FAO	Gambia	2008
Orientation of food regulators on the National Food Act	WHO/AFRO	Gambia	2008
Training of public health officers in HACCP	WHO/AFRO	Gambia	2008
Assessment of biosecurity capacity needs	FAO	Ghana	2008
Food safety education using the Five Keys for Safer Food for trainers from 46 schools	WHO/AFRO	Ghana	2008
FAO supported the assessment of facilities, preparation and handling practices for safe delivery at the FAO Regional Office canteen in Accra (Ghana).	RAFT/SFW	Ghana	February 2009
FAO provided support for a survey on Street Food Situation at selected night markets in Accra (Ghana) and Praia (Cape Verde)	RAFT/SFW	Ghana and Cape Verde	January 2009
Promotion of hand washing among children, parents and teachers as part of the Global School Health Programme	WHO/AFRO	Ghana and Sierra Leone	2008
Strengthening National Codex Committee	FAO/TCP	Guinea	Project in formulation
Training of inspectors	WHO/AFRO	Guinea and Madagascar	2008
Strengthening national food control system: Food safety policy development and national food safety symposium (FNOP/INT/NOR/102)	FAO	Kenya	Ongoing
Adaptation of food inspection manuals and guidelines	WHO/AFRO	Kenya	2008

Title	FAO/WHO	Country	Status
Adaptation of training manuals in HACCP	WHO/AFRO	Lesotho, Mozambique	2008
FAO supported the assessment of Food Inspection Systems in Liberia and Sierra Leone within the context of National Food Safety Management System.	RAF/SFW	Liberia and Sierra Leone	February 2009
Finalization of food law	FAO/TCP	Madagascar	Ongoing
Strengthening national biosecurity capacity	FAO	Malawi	2008
Training of ANSSA staff in risk analysis of food control decision making	FAO/TCP	Mali	In pipeline
Create and organize a national consumer centre to provide information to consumers on food related matters and promote the involvement of the consumer in promoting food quality and safety (TCP/MOR/3102)	FAO	Morocco	Ongoing
Technical cooperation to support implementation of the origin based and quality signs institutional framework – TCP/MOR/3104	FAO	Morocco	Ongoing
Strengthened capacity in advocacy and awareness generating activities	WHO/EMRO	Morocco	Ongoing
Technical assistance to strengthen the quality assurance system of their National Laboratory for Food and Water Hygiene (LNHAA). (UTF)	FAO	Mozambique	In formulation
Strengthen national biosecurity capacity and SPS compliance	FAO	Nigeria	2008
Hygienic handling of foods of animal origin.	FAO	Rwanda	Project in formulation
Facilitate trade in the Southern African Development Community (SADC) member states through food standards and food safety management.	FAO	SADC	
Evaluation of slaughter house for improve in readiness for implementation of HACCP	WHO/AFRO	Seychelles	October-December 2008
Training of meat inspectors and other stakeholders in HACCP compliant meat inspection system based on the Codex Alimentarius and the European Union requirements	WHO/AFRO	Seychelles	October-December 2008
Sensitization of district taskforces, producers and manufacturers on	WHO/AFRO	Sierra Leone	2008

Title	FAO/WHO	Country	Status
application of food norms and standards			
Promotion of advocacy and communication of Five Keys for Safer Food or 3 fives in food safety in collaboration and partnership at regional, national and global level Strengthened capacity in advocacy and awareness generating activities Zoonotic and non-zoonotic foodborne disease surveillance and hazard monitoring programmes strengthened and integrated into existing national surveillance system with results being disseminated Establishment of public health laboratories in reducing environmental public health risks and food safety risks	WHO/EMRO	Somalia	Ongoing
Assistance in the definition of a monitoring programme and assessment of mycotoxins in agricultural food programmes	FAO	South Africa	Closed in late 2008
Strengthening national food control system and national food safety symposium (FNOP/INT/NOR/102)	FAO	Tanzania	Ongoing
Assessment of biosecurity capacity and support biosecurity network system establishment	FAO	Tanzania	2008
Strengthen the capacity for improving the safety and quality of fresh fruits and vegetables	FAO/TCP	Tanzania	In formulation
Development of National Food Safety Policy	WHO/AFRO	Tanzania	2008
Development of guidelines for the identification, surveillance and prevention of new public health and food safety problems	WHO/AFRO	Tanzania	2008
Technical cooperation to support implementation of the origin based and quality signs institutional framework – TCP/TUN/3202	FAO	Tunisia	Ongoing
Capacity building of regulatory agencies for handling and monitoring genetically modified crops, products and processed foods (TCP/CRO/3103)	FAO	Uganda	Ongoing
Monitoring and evaluation of food safety activities and biosecurity capacity building	FAO	Uganda	2008

Title	FAO/WHO	Country	Status
Capacity building of regulatory agencies for handling genetically modified seeds, crops and processed foods (TCP/UGA/3103)	FAO	Uganda	Ongoing
Development of National Food Safety Policy and a Food Safety Bill	WHO/AFRO	Uganda	2008
Expansion/initiation of IEC activities using the WHO Five Keys to Safer Foods	WHO/AFRO	Uganda, Malawi, Lesotho, Comoros, Angola, Cameroon, DRC, Mauritania, Togo, The Gambia, Guinea and Mali.	2008

Annex 2**ASIA****REGIONAL/NATIONAL EVENTS**

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
Workshop on the assessment and management of seafood safety and quality	FAO/INFOFISH	June 2008	Viet Nam
Regional workshop on HACCP in small and less developed food businesses – organized to disseminate information on the FAO/WHO Guidelines on this topic. Participants from Cambodia, Indonesia, Lao PDR, Malaysia, Philippines, Thailand and Viet Nam	FAO	5-8 August 2008	Jakarta, Indonesia
Codex training workshop for Asia and the Pacific	FAO	October 2008	Kuala Lumpur, Malaysia
FAO regional workshop on networking and improving safety and quality of fresh produce	FAO	November 2008	Apia, Samoa
Regional workshop on WTO SPS measures. Participants from Bangladesh, Cambodia, China, India, Indonesia, Myanmar, Pakistan, Philippines, Sri Lanka, Thailand, Vietnam and Japan	FAO/WHO	November 2008	Denpasar, Indonesia
FAO regional workshop on food import and export inspection and certification. Participants from 8 ASEAN countries	FAO/ADBI	December 2008	Tokyo, Japan
FAO sub-regional workshop on “Risk-based Design of Monitoring Programmes for Chemical Contaminants” for Cambodia, Laos and Vietnam.	FAO	March 2009	Vientiane, Lao PDR
Sub-regional Meeting of Codex Coordinators from selected Codex member countries in the Pacific to discuss issues relevant to the region and develop discussion papers on kava and nonu (noni) for the 10th CCNASWP	FAO Regional Coordinator (Tonga) through LOA with FAO	March 2009	Bangkok, Thailand
Regional technical seminar on Quality linked to Geographical origin in Asia: lessons learnt and perspectives	FAO/EC Delegation, Delegation of Intellectual Property of Thailand	8-11 June 2009	Bangkok, Thailand

FAO regional workshop on horticultural chain management	FAO	June 2009	Vientiane, Lao PDR
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PROJECTS/DIRECT ASSISTANCE TO COUNTRIES

Title	FAO/WHO	Country	Status
Enhancing food safety by strengthening food inspection systems in the ASEAN countries and Support to the FAO programme on capacity building in food safety	FAO with funding from Japan	ASEAN countries	Ongoing
Project for Improving Food Safety, Quality and Food Control in Bangladesh	FAO and WHO with funding from EC	Bangladesh	Ongoing
Support to develop a project proposal for improvement of live bird market for AI prevention and control in Bangladesh	WHO/FAO	Bangladesh	Proposal develop and submitted for EC funding
Assistance in the formulation of enabling regulatory measures for research and sustainable application of biotechnology (TCP/BGD/3102)	FAO	Bangladesh	Ongoing
Biosecurity capacity building and national biosecurity policy development (FNOP/INT/NOR/103)	FAO	Bhutan	Ongoing
Establishment of national strategy for promotion of specific quality while preserving local resources – Yak products and mushrooms	FAO	Bhutan	Formulation stage
Improving Food safety and its management in Cambodia, Laos and Vietnam (GCP/RAS/207/NZE)	FAO	Cambodia, Laos and Vietnam	Ongoing
Support provided to enable a survey of chloropropanol contamination of domestic and imported soy sauce products	WHO/WPR	Cambodia	Concluded and follow-up action in formulation
Strengthening Testing Capability for Food Safety – TCP/CPR/3007	FAO/TCP	China	Ongoing
Technical support provided on food safety policy, management and on the regulatory framework for food safety	WHO WPR	China	Concluded and provided support for a UN country strategy on food safety
World Bank agricultural products Safety Project for Jilin province	WB/FAO	China	Formulation stage
Improvement of aquaculture food safety in Hubei Province -	FAO	China	Ongoing

Title	FAO/WHO	Country	Status
TCP/CPR/3203D			
Technical support provided on food safety and the Olympic Games	WHO	China	Ongoing
Review of the food inspection services	FAO	Fiji	To be implemented in 2009
Assistance through the FAO/UNESCO Microbial Resource Centre for Marine Biotechnology (MIRCEN) for the organization of an ASM/FAO/UNESCO International Workshop on Molecular Techniques in aquaculture and seafood safety.	FAO/UNESCO	India	
Development of training modules for wet market managers	WHO	Indonesia	Ongoing
Assistance in the preparation of National Food Safety Emergency Response Plan (FSER)	FAO	Lao PDR	Completed and a plan for follow-up capacity building to support implementation of the FSER is being formulated
Assistance for developing capacity for pesticide residue monitoring capacity and improving adherence to good hygiene practices in primary production	FAO	Lao PDR	Ongoing
Identification of capacity building needs of the Malaysian fish inspection system – TCP/MAL/3201D	FAO	Malaysia	Ongoing
Support to develop legal framework for food safety	WHO	Maldives	Ongoing
Mission to review the current food safety programme in Mongolia and to provide guidance on its future advancement	FAO/WHO	Mongolia	In formulation
Strengthening the capacity of government officials responsible for food safety, animal and plant health, and agricultural trade in Nepal to effectively implement SPS measures and related trade obligations	FAO with funding from STDF	Nepal	Ongoing
National capacity building for food quality and safety and assistance in reviewing and revising national SPS laws, remodeling and plant quarantine services to enhance the capabilities of reference laboratories and foster cooperation with developed economies	FAO	Pakistan	In formulation

Three-year project to strengthen food quality and safety of fresh produce to improve quality and safety of fresh fruits and vegetables and upgrade production system to meet SPS measures and Codex safety requirements related to microbiological and chemical hazards in foods.	FAO	Philippines	In formulation
Enhancing income, quality and safety of fresh produce and environmental sustainability of smallholder upland farms in Bicol Region through good agricultural practices (GAP)	FAO/AECI	Philippines	In formulation
Strengthening national food control system for fresh produce in the Philippines	FAO/TCP	Philippines	In formulation
Emergency response mission to the Ebola Reston in pigs event	FAO/WHO	Philippines	Assessment mission conducted in January 2009. Report presented to Government of Philippines.
Assistance in training in food safety and quality and certification	FAO	Sri Lanka	In formulation
Strengthen compliance of SPS requirements for expanded exports of fresh fruits and vegetables (Phase II of TCP/THA/2903) TCP/THA/3104	FAO/TCP	Thailand	Concluded
Assistance in developing a food safety law	FAO/TCP	Vietnam	Ongoing

Annex 3**EUROPE****REGIONAL/NATIONAL EVENTS**

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
Training course on HACCP for experts from Uzbekistan, Tajikistan and Uzbekistan	WHO, in collaboration with MoH Belgium MZCP	13-20 September 2008	Tashkent, Uzbekistan
Food safety and Nutrition counterpart meeting	WHO EURO Croatian National Public Health Institute	22-24 September 2008	Brussels, Belgium
Training course on food safety risk communication in outbreaks/crises	WHO EURO	25-26 September 2008	Lovran, Croatia
FAO/WHO Seminar “Enhancing participation in Codex” – attended by delegates from Armenia, Bosnia & Herzegovina, Bulgaria, Czech Republic, Estonia, Georgia, Republic of Moldova, Poland, Romania, Serbia, Slovak Republic, Sweden, Turkey, United Kingdom and the European Community and the European Commission. 15 participants received support from the FAO/WHO Trust Fund for Enhancing participation in Codex in order to attend the regional workshop and subsequent 26 th Session CCEURO.	FAO/WHO EURO in collaboration with Governments of Switzerland and Poland	6 October 2008	Warsaw, Poland
Training Workshop on Introduction to Quality Control/Quality Assurance Measures in Pesticide Residue Analytical Laboratories Workshop –	FAO	6-31 October 2008	Seibersdorf, Austria,
National workshop on food safety in the school system	WHO EURO Croatian National Public Health Institute	13 November 2008	Zagreb, Croatia
Sub-regional workshop on Quality linked to Geographical Origin in South-eastern Europe	FAO, in collaboration with	3-4 December 2008	Belgrade, Serbia

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
	the Ministry of Agriculture, Agriidea and Seedev		
Advanced course in fish safety management based on risk analysis	FAO/International Center for Advanced Mediterranean Agronomic Studies (CIHEAM-IAMZ)	19-23 January 2009	Zaragoza, Spain
National workshop on food safety in tourism in Croatia	WHO EURO Croatian National Public Health Institute	27-28 April 2009	Sibenik, Croatia
Subregional meeting for Eastern European countries on Food-Based Dietary Guidelines	FAO/REU in collaboration with European Food Information Council	18-20 May 2009	Budapest, Hungary
WHO-Global Salmonella Survey Training Course for EU and EEA countries and Turkey, FYROM and Croatia (99 participants)	WHO EURO in collaboration with ECDC and National Institute of Public Health in Poland	25-28 May 2009	Warsaw, Poland
National food safety workshop in Tajikistan	WHO EURO and FAO	16-17 June 2009	Dushanbe, Tajikistan

PROJECTS/DIRECT ASSISTANCE TO COUNTRIES

Title	FAO/WHO	Country	Status
EU CARDS project to reinforce Albanian Veterinary and Phyto-sanitary Border Inspection Services	WHO Albania, EURO	Albania	Follow-up project

Title	FAO/WHO	Country	Status
Strengthening food control institutions	WHO EURO funded by Italian cooperation	Albania	Commenced early 2009
The FAO regional project “Strengthening food safety in South East European transition countries – A regional approach to food legislation and control”, was completed in 2007. Significant project outputs include country reports on the status of food control and food safety, preparation of national draft food safety strategies and action plans, and assessment of legal status and recommendations in each country (TCP/RER/3002).	FAO	Albania, Bosnia and Herzegovina, Bulgaria, Croatia, FYR Macedonia, Kosovo, Moldova, Romania	Completed. Final analysis and reports in preparation.
Project is ongoing and includes improvement of food safety by strengthening priority components of the system for strategic planning and coordination of food control activities, harmonization of food standards, inspection programmes and laboratory networks, and quality assurance programmes in agro-processing sectors.	FAO/TCP project	Armenia and Georgia	Ongoing
Project of FAO/EC on capacity building in food composition	FAO/EC	Armenia and Georgia	Ongoing
Food safety capacity building – strengthening national capacity for strategic planning and coordination of food control activities, to ensure the adequacy of food law and harmonized food standards, and ensure compliance through development of effective inspection programmes, laboratory network, and quality assurance programmes in agro-processing sectors (TCP/AZE/3101)	FAO/TCP project	Azerbaijan	Ongoing.
FAO technical assistance has been requested by the government to strengthen national food control activities and assessment of foods derived from biotechnology. A field formulation mission was undertaken in 2007, and a project is under development.	FAO	Belarus	Project formulated
Capacity building of regulatory agencies for handling and monitoring genetically modified crops, products and processed foods (TCP/CRO/3102)	FAO	Croatia	Ongoing
Development of the 2 nd Action Plan for Food and Nutrition Policy for	WHO EURO		Follow-up activities in regard to

Title	FAO/WHO	Country	Status
the WHO European Region 2007-2012			implementation at national level
Implementation of activities on national food safety strategies	WHO EURO	Kazakhstan Uzbekistan Armenia SEE countries Tajikistan	Ongoing
With the support of a project preparation grant from the STDF Facility, a project formulation mission has been undertaken to Moldova and a draft project in under discussion “ Strengthening the food control system to support the emerging food business sector”	FAO	Moldova	Project in formulation
Technical support to project Project OSRO/USR/701/EC “Emergency assistance for rehabilitating agri-based livelihoods of conflict-affected poor households through support to small-scale household livestock production” (Northern Caucasus region, Russia), June 2007 – June 2008: <ul style="list-style-type: none">• held two training courses on healthy nutrition for project staff (project monitors) and beneficiary households (300 participants);• produced and disseminated 1000 copies of a leaflet with key nutrition messages;• produced a basic nutrition education guide (in Russian language) for use by community level health and nutrition workers, as well as the interested public in the Northern Caucasus region• Adapted the <i>Family Nutrition Guide</i> for use in the Northern Caucasus region, published in Russian in August 2007.	FAO	Northern Caucasus region.	Completed
FAO technical assistance has been requested to strengthen national food control capacity through provision of training and direct advice in Tajikistan. A project formulation mission has been completed.	FAO	Tajikistan	Ongoing
Strengthening Food Safety and Nutrition Services in SEE as part of the SEE Health Network – Component Two – “Establishing a harmonized and an integrated model for food safety and nutrition systems”	WHO Regional Office for Europe/Council for	South-east Europe	Ongoing

Title	FAO/WHO	Country	Status
	Europe		
Policy and capacity development of food safety, animal and plant health laboratories	FAO/TCP	Turkey	Ongoing
Strengthening the laboratory for quality and safety of food and agricultural products (TCP/UKR/3003)	FAO	Ukraine	Completed

Annex 4

LATIN AMERICA AND THE CARIBBEAN
REGIONAL/NATIONAL EVENTS

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
Central American Seminar on Risk Analysis of Contaminants in Foods	FAO/NCC Costa Rica	5-6 June 2008	San José, Costa Rica
Technical meeting on “Microbiological hazards in food”. Participants from national food safety work assisted in the initiation of work on risk assessment of <i>Salmonella</i> in chicken (pieces) and <i>Vibrio</i> spp in selected fish products	FAO	9-13 June 2008	Mexico City
Five courses on “The Codex Alimentarius Standard-Setting Process and You” for all Latin American countries via video link to all countries in the region	FAO/IICA	16-27 June 2008	San José, Costa Rica and all LAC
Technical meeting on microbiological hazards in foods to facilitate interchange of experiences among members of the national network on food safety established in 2006 and re-orient its activities.	FAO/National School of Biological Sciences, Mexico	June 2008	Mexico
Regional on line video seminar on Criteria to consider for Microbiological Food – 318 participants from 18 countries participated. More information available at: http://www.panalimentos.org/rilaa/e/capacitacion.asp	WHO/PAHO	4 July 2008	Caracas, Venezuela and 18 Latin American countries
Regional on line video seminar on Criteria to consider for Microbiological analysis of dairy products – 339 participants from 18 countries participated. More information available at: http://www.panalimentos.org/rilaa/e/capacitacion.asp	WHO/PAHO	11 July 2008	Caracas, Venezuela and 18 Latin American countries
Regional on line video seminar on a general vision of the estimation of the measurements – 186 participants from 17 countries participated. More information available at: http://www.panalimentos.org/rilaa/e/capacitacion.asp	WHO/PAHO	18 July 2008	Rio de Janeiro, Brazil and 17 Latin American countries
Regional on line video seminar on Criteria to consider for microbiological analysis of meat products – 393 participants from 19 countries participated. More information available at: http://www.panalimentos.org/rilaa/e/capacitacion.asp	WHO/PAHO	1 August 2008	Rio de Janeiro, Brazil and 19 Latin American countries
Course on “The Codex Alimentarius Standard Setting Process for Food Inspectors	FAO, in collaboration with WHO and Ministries	14-15 August 2008	Santo Domingo, Dominican Republic

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
	of Agriculture and Health		
Regional on line video seminar on Criteria to consider for microbiological analysis of fruits and vegetables – 416 participants from 19 countries participated. More information available at: http://www.panalimentos.org/rilaa/e/capacitacion.asp	WHO/PAHO	15 August 2008	Rio de Janeiro, Brazil and 19 Latin American countries
Regional on line video seminar on Criteria to consider for microbiological analysis of seafood products – 457 participants from 19 countries participated. More information available at: http://www.panalimentos.org/rilaa/e/capacitacion.asp	WHO/PAHO	27 August 2008	Santiago, Chile and 19 Latin American countries
WHO-GSS Level III course for 22 states in Brazil	WHO/PAHO	September 2008	Brazil
Regional seminar on Private Standards of Vegetable and Animal Health and Food Safety – the necessity of a regional action to promote public welfare	FAO	3-5 September 2008	Santiago, Chile
Regional on line video seminar on Something more about evaluation of the measurement's uncertainty - 366 participants from 18 countries participated. More information available at: http://www.panalimentos.org/rilaa/e/capacitacion.asp	WHO/PAHO	4-5 September 2008	Buenos Aires, Argentina and 18 Latin American countries
Codex Contact Point Seminar on SPS issues and Determination of Equivalence of SPS measures	FAO/CCP	10-12 September 2008	Lima, Peru
Regional on line video seminar on Criteria to consider for microbiological analysis of water - 483 participants from 18 countries participated. More information available at: http://www.panalimentos.org/rilaa/e/capacitacion.asp	WHO/PAHO	12 September 2008	Caracas, Venezuela and 19 Latin American countries
Four Regional Video courses on Codex new electronic tools	FAO	15-17 September 2008	Santiago and all LA countries
Forum of major stakeholders responsible for the development and implementation of policies and activities in the area of food safety for a coordinated approach to food safety in the region	FAO Trinidad/FAO SLC, IICA and CARICOM	September-October 2008	Trinidad
Technical meeting on Risk Assessment of Microbiological Hazards in Food – exchange of information on progress in the region in this field and to define new steps to enhance the use of this tool. 44 experts from 15 Latin American and Caribbean countries participated and 7 experts from	FAO/PAHO/OIRSA/ICMSF/USAID Programme, National	1-3 October 2008	Bogotá, Colombia

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
other regions. the report of the meeting is available at: http://www.fao.org/ag/agn/agns/jemra_technology_en.asp	Planning Department of Colombia and Colombian Association of Food Science and Technology		
Regional Expert meeting on How to Design and Implement Food Safety Policy	FAO	7-9 October 2008	Santiago, Chile
Course on the “The Codex Alimentarius Standard Setting Process” for food inspectors	FAO, in collaboration with WHO and Ministries of Agriculture and Health	22-23 October 2008	Santo Domingo, Dominican Republic
INFAL/RILAA Assembly and Workshop on Mycotoxin Sampling	FAO/PAHO	24-30 October 2008	Panama City
Pre-CCLAC Regional workshop on Risk-based Inspection	FAO/PAHO	9 November 2008	Acapulco, Mexico
Course on the “The Codex Alimentarius Standard Setting Process” for food inspectors	FAO, in collaboration with WHO and Ministries of Agriculture and Health	26-27 November 2008	Santo Domingo, Dominican Republic
Training school teachers in basic nutrition and food safety	FAO	2008	El Salvador/Dominican Republic
Development of a teacher booklet on food handling and safety	FAO	2008	El Salvador/Dominican Republic
Training shop vendors on proper food handling practices and conservation	FAO	2008	El Salvador/Dominican Republic
Development of a mini-manual on proper food handling, preparation and conservation for top shop manual	FAO	2008-2009	El Salvador/Dominican Republic
Development of a parent training handbook on food hygiene/safety for parents	FAO	2008-2009	El Salvador/Dominican Republic

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
Training primary school teachers on principles of nutrition and food safety	FAO	2009	Bahamas
Course on the “The Codex Alimentarius Standard Setting Process” for agriculture producers	FAO, in collaboration with Ministry of Agriculture	6 February 2009	La Vega, Dominican Republic
Course on the “The Codex Alimentarius Standard Setting Process” for agriculture producers	FAO, in collaboration with Ministry of Agriculture	31 March 2009	Azua, Dominican Republic
Course on the “The Codex Alimentarius Standard Setting Process” for milk and dairy products producers	FAO, in collaboration with Ministry of Agriculture	29 April 2009	Santo Domingo, Dominican Republic
Workshop for Amazon basin countries to develop a guideline in surveillance, prevention, control of Chagas Disease transmitted by food	WHO/PAHO	March 2009	Brazil
WHO-GSS I Advance Course for Central America, Cuba, Dominican Republic and Puerto Rico Second Regional technical seminar on Quality linked to Geographical origin in Latin America: steps forward	WHO/PAHO/FAO-National Council of Production of Costa Rica	5 April - 7 May 2009	San José, Costa Rica
FAO supported the implementation of a project in the Latin American and the Caribbean Region to generate a data base on scientific and epidemiological reports related to <i>V. cholerae</i> , <i>V. vulnificus</i> and <i>V. parahaemolyticus</i> in the marine ecosystem and its products. Argentina, Brazil, Cuba, Chile, Mexico and Peru are participating in this project.	FAO, in collaboration with University of Sao Paolo, Brazil FUNDESPA, National Institute of Public Health and other local Chilean institutions.	20-22 April 2009	Puerto Montt, Chile
Course on the “The Codex Alimentarius Standard Setting Process” for fruit and vegetable packagers	FAO, in collaboration with Ministry of Agriculture	May 2009	Santo Domingo, Dominican Republic
The second regional technical seminar on Quality linked to Geographical Origin in Latin America was organized to follow up on the first one and to consider a regional project to support implementation of specific quality schemes that contribute to rural development.	FAO, in collaboration with National Council of Production	5-7 May 2009	San José, Costa Rica

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
VI Course and Annual Meeting of the PulseNet Network for Latin America and Caribbean	WHO/PAHO, CDC	May 2009	Argentina
Course on the “The Codex Alimentarius Standard Setting Process” for general food processors	FAO, in collaboration with the Ministry of Agriculture	June 2009	Santo Domingo, Dominican Republic

PROJECTS/DIRECT ASSISTANCE

Title	FAO/WHO	Country	Status
Subregional project on Strengthening GAP, GMP and HACCP application to middle and small size food industries.	WHO/AMRO	Andean, Central America and English speaking Caribbean countries.	Prepared and ready for submission to WHO Department of Food Safety for comments and suggestions for external funding.
Training in food hygiene and nutrition	FAO	Argentina	In formulation
Development of databases and tables of food composition to strengthen international trade and consumer protection (TCP/RLA/3107)	FAO	Argentina, Chile and Paraguay	Operation commenced in December 2007. NTE November 2009.
Analysis and Strengthening of Community Food and Nutrition programmes – TCP/RLA/3110	FAO	Argentina, Brazil, Mexico, Panama	Commenced February 2008 due for completion in January 2009
Subregional project on “Improving the food safety of street foods through establishing a food inspection system based on the Hazard Analysis and Critical Control Point (HACCP) system	FAO	Barbados/Eastern Caribbean states	Recently concluded
Strengthen biosecurity framework - support to up-dating of biosecurity legal framework and strengthening of national capacity for effective implementation of biosecurity approaches and system.	FAO	Belize	Ongoing

Title	FAO/WHO	Country	Status
Technical assistance to implement Healthy Food Markets Strategy. The first healthy market was implemented in Bolivia. The experience was disseminated to 5 departments of Bolivia with one market in each department finished.	PAHO/WHO with extra-budgetary support from AGFUND	Bolivia, Dominican Republic, Guyana and Paraguay	Ongoing
Adaptation, validation and adoption of the WHO's Five Keys to Safer Food in primary schools.	WHO/AMRO	Municipality of Duque de Caxias, Brazil.	Ongoing
Education on the WHO's Five Keys to Safer Food to community leaders in the "favela" la Rocinha.	WHO/AMRO	Municipality of Rio de Janeiro, Brazil.	Concluded December 2008
Technical cooperation in outbreak of Beri-Beri induced by mycotoxin.	WHO/AMRO	Brazil	Concluded December 2008
Training course in food safety risk analysis for food inspectors of the Food Safety Regulatory Agency in Brazil (ANVISA)	WHO/PAHO	Brazil	Ongoing
Training GMP, HACCP, Auditing food inspectors in Colombian Food Safety Authority (INVIMA)	WHO/PAHO	Colombia	Will be completed November 2009
Pilot project for the implementation of integrated surveillance in antimicrobial resistance	WHO, PAHO	Colombia	Ongoing
Capacity building in risk analysis for national health authorities (TCP/CHI/3201)	FAO	Chile	Ongoing
Burden of illness study for foodborne diseases in Chile	WHO/PAHO, PHAC, U Guelph	Chile	Ongoing
Optimization of the Agro-Industrial Chain for Spirulina for human consumption (TCP/CUB/3013)	FAO	Cuba	Ongoing
Strengthening of Food Analysis Capacity: Creation of national network of Food Analysis Laboratories - linked to the Inter American Food Analysis Laboratories (INFAL)	WHO/AMRO	Cuba	Ongoing
Technical consultancy and training on risks in foods	FAO	Cuba	Ongoing
Development of coffee production	FAO	Dominica	In formulation

Title	FAO/WHO	Country	Status
Regional project on strengthening national Codex Committee and national Codex Contact Point	FAO	Dominica, Grenada, St Kitts and Nevis and St Vincent and the Grenadines	In formulation
Strengthen the food trade sector	FAO	Dominican Republic	Ongoing
Strengthen the competitiveness of the agri-food sector (TCP/DOM/3102)	FAO/TCP	Dominican Republic	Ongoing
HACCP for Food Inspectors' Certification	FAO	Dominican Republic	Ongoing
The Codex Alimentarius Standard Setting Process	FAO	Dominican Republic	In formulation
Training facilitator from the Consumer Association on food safety, food security and nutrition	FAO	Dominican Republic	In formulation
Implementing a Quality Assurance System in the Dairy Reference Laboratory (TCP/DOM/3201)	FAO	Dominican Republic	Ongoing
Strengthening of Food analysis capacity: Creation of national network of food analysis laboratories – linked to the Inter-American Food Analysis Laboratories (INFAL/RILAA)	WHO/AMRO	Dominican Republic	Ongoing
Strengthening of food safety systems: National workshops using the Performance, Vision and Strategy tool were performed and ongoing assessment of actions plans.	WHO/PAHO, IICA	Ecuador, Perú, Bolivia, Paraguay, Argentina, Uruguay	Ongoing
Training teachers in good hygienic practices, nutrition and interpretation of food labelling; training parents and school community in nutrition	FAO/NGOs	Dominican Republic (TCP/DOM/31/01) El Salvador (TCP/ELS/3101)	April - July 2008 January 2009
Technical assistance to the nutmeg industry	FAO	Grenada	Ongoing
Harmonization of the Central American Countries Food Code.	WHO/PAHO, OIRSA	Guatemala, Honduras, El Salvador, Nicaragua, Costa Rica, Panamá, Dominican Republic	Ongoing, final document under discussion at national levels.

Title	FAO/WHO	Country	Status
Implementation of pilot project for adaptation, validation and adoption of WHO's Five Keys to Food Safety in urban and rural primary schools	WHO, with extra-budgetary funds from DFID	Guatemala and Venezuela	Ongoing
Rehabilitation of analytical capacities of the chemical laboratory of the Faculty of Agronomy and Veterinary Medicine (FAMV) - Phase II of TCP/HAI/2906	FAO	Haiti	Ongoing
"Improving Marketing Efficiency of Artisanal Fishermen in Central America, Mexico and the Caribbean", which includes training of fishermen and middlemen in the preservation of the quality of the catches.	FAO/Common Fund for Commodities (CFC)	Honduras, Mexico, Cuba	Ongoing
Establishment of a national Codex Committee	FAO	Jamaica	Recently concluded
Prevention of OTA in coffee	FAO	Nicaragua	In formulation
Modernization of the Phytosanitary System – Extension to food safety and animal health components (TCP/PAN/3003)	FAO	Panama	Ongoing
Strengthening education on food safety and nutrition through the establishment of the "Feed the mind to combat hunger" programme TCP/PAR/3101	FAO	Paraguay	Due for completion in March 2009
Strengthening of Foodborne Diseases Surveillance Systems	WHO/PAHO	Peru, Bolivia	Ongoing
Eco-Health for the Caribbean: Burden of foodborne disease studies, rainwater cisterns assessment, distance learning in food safety control programmes.	WHO/PAHO, Laval University, Saint George University, University of West Indies, Public Health Agency Canada	St. Lucia, Guyana, Grenada, Bahamas, Trinidad	Ongoing
Burden of illness studies for foodborne diseases in the Caribbean	WHO/PAHO, PHAC,	St. Lucia, Grenada, Jamaica, Trinidad & Tobago, Dominica	Ongoing
Subregional projects to strengthen the analytical activities, laboratory quality assurance and capacity building of Inter-American Network of	FAO	Subregional	Ongoing project evaluation

Title	FAO/WHO	Country	Status
Food Analytical Laboratories (INFAL/RILAA)			
Support to national agricultural health and food safety: Technical assistance to strengthen the formation of the national agricultural health and food safety - TCP/3201/RLC	FAO	Trinidad and Tobago	Ongoing
Technical assistance in the food and beverage industry in the form of consultancy services to create unified Food Safety Authority and develop national food safety programme. Similar assistance also requested in fish and fish processing industry to update regulations for food safety standards in fish and fishery products and to develop a Fisheries Management Plan	FAO	Trinidad and Tobago	Ongoing
Strengthening agri-food chain suppliers to national food and nutrition programmes, with emphasis on those directed to primary schools.	FAO	Uruguay	In formulation
“Fisheries Management in Uruguay”, which includes improvement of the production infrastructures and processes to enhance the sanitary and quality standards of fisheries products	FAO/UTF	Uruguay	Ongoing

Annex 5

NEAR EAST/EASTERN MEDITERRANEAN
REGIONAL/NATIONAL EVENTS

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
Subregional workshop on food-Based Dietary Guidelines for the Gulf Corporation Countries (GCC)	FAO	16-18 May 2009	Muscat, Oman

PROJECTS/DIRECT ASSISTANCE

Title	FAO/WHO	Country	Status
Development of national strategy for food safety and functioning of HPLC machine in food analysis laboratory of Ministry of Public Health	WHO/EMRO	Afghanistan	Completed end 2008
Promote advocacy and communication of Five Keys for Safer Food in collaboration and with partnership at regional, national and global level	WHO/EMRO	Afghanistan	Ongoing
Development of national strategy for food safety and functioning of HPLC machine in food analysis laboratory of the Ministry of Public Health; food manufacturing establishments enabled with skills to apply HACCP	WHO/EMRO	Bahrain	Completed end 2008 Due for completion by end of 2009
Improved capabilities in quality assurance applications and accreditations in food microbiology laboratories	WHO/EMRO	Bahrain	
Strengthening Quality Control Systems for Cereals and Groundnuts	FAO	Egypt	In formulation
Establishment of a regional risk assessment body and reorganization of the food control system.	FAO	Gulf Cooperation Council countries	In formulation
Provision of technical support to food safety system	WHO/EMRO	Iran	Ongoing
Monitoring, Prevention and Control of Aflatoxin Contamination in Iranian pistachio nuts	FAO	Iran	Ongoing
Rebuilding Food Safety and Food Processing Capacity in Iraq (OSRO/IRQ/601/UDG)	FAO/WHO/UNIDO	Iraq	Ongoing
Functional Inter-Ministerial Independent Iraqi Food Safety Authority established; laws and regulations guiding food safety activities updated	WHO/EMRO	Iraq	

Title	FAO/WHO	Country	Status
and implemented. Links strengthened between Iraq and Codex Alimentarius as well as other international food safety fora and efficient and coordinated implementation of the UNDG ITF food safety project ensured			
Development of partnership for food safety; strengthening of zoonotic and non-zoonotic foodborne surveillance and hazard monitoring programmes and integration into existing national surveillance systems; dissemination of results	WHO/EMRO	Jordan	Ongoing
Technical cooperation to support implementation of geographical indication framework and for dairy products - TCP	FAO	Jordan	In formulation
<u>Strengthening of food safety programme</u>	WHO/EMRO	Kuwait	Ongoing
“Improved Production and Marketing Capacities of the Lebanese Agricultural Products”/Strengthening MOA capabilities to control and inspect imported and exported plant and animal products as part of strengthening the food control system in Lebanon	FAO/with extra budgetary support from Italian Cooperation	Lebanon	In formulation
Development and testing of a generic HACCP model for food production and handling	WHO/EMRO	Lebanon	Ongoing
Review and updating of strategy for nutrition and food safety; updating and validation of quality assurance system for Libyan CFDC; development of national standardized guidelines/capacity on detection, prevention and management of foodborne diseases	WHO/EMRO	Libya	Ongoing
Reduction of the incidence on non-zoonotic foodborne disease of five major bacterial pathogens	WHO/EMRO	Oman	Due for completion by end 2009
Strengthening capacity of MOH and other partners in foodborne risks	WHO/EMRO	Palestine	Ongoing
Development of the Food Industries Division at the National Agricultural Research Centre	FAO (AGNS/AGST)	Saudi Arabia	In formulation
Strengthening capacity building of food safety staff and increasing public awareness	WHO/EMRO	Saudi Arabia	Ongoing
Strengthened capacity in advocacy and awareness generated activities	WHO/EMRO	Syria	Ongoing

Title	FAO/WHO	Country	Status
Elaboration of a foodborne surveillance system	WHO/EMRO	Tunisia	Ongoing
Continuation of work on international standardization of food products	WHO/EMRO	Tunisia	Ongoing
Promotion of advocacy and communication of 5 Keys for Safer Food or Three Fives in Food Safety in collaboration and with partnership at regional, national and global level			
Technical cooperation to support the implementation of geographical indications– TCP/TUN/3202	FAO	Tunisia	Ongoing
Identification of magnitude of foodborne diseases and enhancement of food safety monitoring and quality	WHO/EMRO	Yemen	Ongoing

Annex 6

NORTH AMERICA AND THE PACIFIC
REGIONAL/NATIONAL EVENTS

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
FAO regional workshop on networking and improving safety and quality of fresh produce	FAO	November 2008	Apia, Samoa

PROJECTS/DIRECT ASSISTANCE TO COUNTRIES

Title	FAO/WHO	Country	Status
Food safety regulations drafted	WHO	Cook Islands, Kiribati and Nauru	Ongoing
Food standards drafted	WHO	Federated States of Micronesia	Ongoing
Review of food inspection services	FAO	Fiji	Ongoing
Enhancement of food safety education based upon the Five Keys to Safer Food, including food safety education in schools	WHO	Pacific countries	Ongoing
Training on risk assessment	WHO	Papua New Guinea	Ongoing
Integrated Food Standards Project to strengthen capacity of the Pacific Islands Forum countries to establish and enforce internationally recognized food laws, standards and inspection procedures to promote unhindered trade in safe and wholesome food.	WPRO/FAO-SAP/Pacific Islands Forum Secretariat	14 Pacific Island countries	Ongoing
Post-harvest research and capacity building in Samoa to improve shelf-life/packaging and product quality of breadfruit and papaya	FAO	Samoa	Ongoing
Technical assistance to develop a Meat Hygiene Legislation, including the Abattoir and Meat Supply Act and the Abattoir and Meat Inspection Regulations	FAO	Samoa	Legislation drafted in early 2008, now under review by the MAF's Legal Counsel.

Annex 7**FAO/WHO PUBLICATIONS UNDER DEVELOPMENT**

- PAHO/WHO published a manual in Portuguese to train in food safety risk analysis entitled "Perspectiva sobre a analise de risco na seguranca dos alimentos"
- "Animal Production and Health Manual: Good Practices for the Meat Industry" is now available in English, French, Spanish and Arabic, also on-line. The manual is a tool to comply with the Codex Code of Hygienic Practice for Meat (CAC/RCP 58-2005).
- FAO, in collaboration with the International Feed Industry Federation (IFIF), produced a Manual of Good Practices for the Feed Industry, to assist in the practical implementation of the Codex Code of Practice for Good Animal Feeding (CAC/RCP 54-2004).
- FAO collaborated with the OIE for the production of a "Guide to good farming practices for animal production food safety". The guide is intended to help competent authorities to assist stakeholders, including farmers, to fully assume their responsibilities at the first stage of the food chain to produce safe food of animal origin.
- The FAO/WHO e-learning training course "Enhancing participation in Codex activities is available on CD-ROM in English, French and Spanish. The training course is accessible in English and Spanish through the FAO and WHO websites (http://www.fao.org/ag/agn/agns/capacity_elearning_codex_en.asp)
- FAO, together with WHO and ICD, developed a Basic Awareness Course on Microbiological Risk Assessment (MRA). The primary objective of this course is to acquaint governments with the general concept of risk analysis and how MRA fits into the framework of Microbiological Risk Management (MRM);
- The Russian version of the FAO/AGNS face to face training materials is now available and may be obtained from http://www.fao.org/ag/agn/agns/capacity_elearning_codex_en.asp. The training materials are available to all and especially useful to trainers working to strengthen the effectiveness of the national Codex programme in their country. The materials include Trainers' Notes along with a set of presentation slides, student notes, class activities and supporting reference materials. Implementation of training activities using the training materials should strengthen stakeholder dialogue and raise awareness on Codex at national level.
- The WHO/FAO *Guidelines on the Safe Preparation, Storage and Handling of Powdered Infant Formula* are available in Arabic, Chinese, English, French, Russian and Spanish and have recently been translated into Japanese.
- FAO published case studies on "Implementing programmes to improve safety and quality in fruit and vegetable supply chains: benefits and drawbacks" in English and Spanish.
- The Spanish version of the FAO/AGNS video on Sampling for Mycotoxins "Procedimientos de muestreo para la determinación de micotoxinas en los alimentos y las raciones animales" is now available and may be obtained from http://www.fao.org/ag/agn/agns/news_an.asp.

- PAHO/WHO published: The Five Keys to Safer Food Manual (theoretical manual); Activity Book for Teachers: Five Keys to Safer Food; a Guide for the Parent-Teacher Association: *How to make a water and food safety plan for my school?* The five steps to be a school with safe food and water, and a poster “The 5 Keys to Safer Food”
- WHO published 'Guidelines for the Investigation and Control of Foodborne Disease Outbreaks. These guidelines serve as a general introduction to the identification, as well as a practical aid for the investigation and control of foodborne disease outbreaks in a variety of settings. The Guidelines include background information and practical tools, such as sample questionnaires and investigation report forms.
- The FAO Biosecurity toolkit is available in English, French and Spanish. Member countries can use this toolkit to analyse and manage risks that exist in food safety, animal and plant life and health, and associated risks to the environment. It outlines principles and components of biosecurity, provides a guide to assess biosecurity capacity and guides the application of risk analysis principles in biosecurity.
- FAO has also published the following training manuals: On-farm mycotoxins control in food and feed grain; and Maintaining quality of food and feed grain through trade and processing (both available also on-line)
- FAO developed a practical manual for producers and exporters from Asia – Regulations, standards and certification for agricultural exports. The publication is available in English, Thai, Vietnamese, Mandarin, Bahasa, Myanmar, Farsi, Hindi, Lao, Urdu, Tegulu and Bengali.
- FAO published case studies on quality linked to geographical origin in Latin America, in Spanish, January 2009 as a follow up of the regional seminar on this matter that took place in Santiago de Chile, December 2007.
- FAO published a guide for the development of specific quality scheme linked to geographical origin, at the local level, June 2009, in collaboration with the research network SinerGI (EU funded project), and in the framework of the French funded project GCP/INT/FRA/022.
- FAO/AGN, in collaboration with several food safety consultants, prepared a paper on the Implications of Climate Change and Bioenergy for the FAO High Level Conference on World Food Security: The Challenges of Climate Change and Bioenergy which took place at FAO headquarters in Rome, 3-5 June 2008. The paper is available at the following web address: http://www.fao.org/ag/agn/agns/files/HLC_1_Climate_Change_and_Food_Safety.pdf.