



JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEX ALIMENTARIUS COMMISSION

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FAO AND WHO CAPACITY DEVELOPMENT ACTIVITIES

(Prepared by FAO and WHO)

INTRODUCTION

This paper has been prepared by the Food and Agriculture Organization of the United Nations (FAO) and the World Health Organization (WHO) to provide information on key activities supporting countries to build food safety capacities (implemented by the respective headquarters or regional and national level offices). The paper is primarily for information purposes, however, feedback is welcome on food safety issues, including member country needs, that should be considered by FAO and WHO when planning programmes of work. This document focuses on main initiatives and activities implemented since the 41st Session of the CAC and is structured as follows:

- **PART I:** FAO/WHO partnership and collaboration in building food safety capacities in member countries
- **PART II:** highlights of key initiatives since CAC41
- **PART III:** future focus
- **PART IV:** FAO and WHO publications and tools recently published
- **PART V:** regional/national projects and initiatives¹

PART I: FAO/WHO PARTNERSHIP AND COLLABORATION IN BUILDING FOOD SAFETY AND QUALITY CAPACITIES IN MEMBER COUNTRIES

1.1 FAO and WHO are the main specialised UN agencies with a mandate to address food safety and quality issues. Through their complementary mandates, FAO and WHO cover a range of issues to support global food safety and protect consumer's health, typically with WHO having a particular competence and strong relationship with the public health sector and FAO being in a position to deploy a range of strategies to address issues related to food production along the food chain. Certain activities are implemented jointly at country level or through global joint programmes (e.g. scientific advice, INFOSAN, Codex Trust Fund etc.), while both Organizations also implement work independently in partnerships with government authorities, food industry and primary producers, and other relevant national and international stakeholders.

1.2 FAO and WHO capacity development work supports and promotes the work of Codex by: i) working with countries to strengthen their national food and feed safety systems including the technical skills to more effectively participate in Codex standard setting; ii) developing a range of guidance tools based on relevant Codex texts which effectively "translate" these texts and enable countries to better understand and use the texts in their context; iii) facilitate policy and technical dialogue between governmental authorities and private sector (farmers and agri-business), and iv) support data generation and information-sharing activities which facilitate a greater pool of data from an increased number of countries as a basis for decision-making.

1.3 In order to achieve sustainable results at country level and ensure that efforts lead to lasting changes, experience has shown it is important that capacity development activities are tailor-made taking into account

¹ <http://www.fao.org/food/food-safety-quality/capacity-development/en/> and <http://www.who.int/foodsafety/capacity/en/>

the wider national or regional context (e.g. priorities of the relevant stakeholders, including competent authorities, the policy environment, available technical and financial resources, etc.). Training is an important component of capacity development but one-off training events frequently do not result in “new learning” being fully and correctly integrated into the working practices of trainees.

Communicating with us

More information on FAO and WHO publications, tools and project activities are available at:

FAO: <http://www.fao.org/food/food-safety-quality/home-page/en/>

WHO: <http://www.who.int/foodsafety>

PART II: HIGHLIGHTS OF KEY INITIATIVES SINCE CAC41

FAO/WHO Food control system assessment tool

2.1 FAO and WHO are continuing to assist Member Countries in utilizing the tool to assess their national food control systems in a structured and measurable way, *inter alia*, to identify priority areas for capacity development as well as setting a baseline for measuring progress over time. Since July 2018, the tool has been used in Tunisia and Sudan to support a facilitated assessment of the food control systems in these two countries, by FAO, in partnership with UNIDO. The assessment in Malawi has also been successfully completed, bringing the number of countries that have assessed their systems using the tool to eleven.

2.2 While the tool content and approach will be regularly reviewed and updated to keep them relevant and in line with evolutions in food control and regulatory good practice, the first official version of the FAO/WHO tool to assess national food control systems is now published. It is also undergoing translation in Arabic, French, Russian and Spanish and these versions will be available shortly.

FAO/WHO work on Whole Genome Sequencing

2.3 WHO's governing body, the World Health Assembly (WHA) will discuss at its May 2019 Session the public health implications of implementation of the Nagoya Protocol. In particular, the discussion will include the considerations around the sharing of pathogens and/or genetic sequences during public health emergencies. In preparation of this discussion, WHO organized in April 2019 a briefing for Members States through their Geneva-based Missions and a briefing of interested stakeholders to inform them about these issues. Food safety and the importance and benefit of being able to share in a timely manner genetic sequences of pathogens for improved surveillance and outbreak investigation was included and illustrated with recent international example of food safety emergencies where sharing of sequences was critical.

2.4 FAO contributed to the training workshop on WGS to be held back-to-back to the 12th Global Microbial Identifier (GMI) meeting on 10-14 June 2019. More than 10 participants from developing countries have benefited from the training to be applied for food safety management.

2.5 Since 2016, with support from COMPARE and the WHO, the Global Sewage Surveillance Project has been conducted by The National University of Denmark (WHO Collaborating Centre and European Union Reference Laboratory for Antimicrobial Resistance in Foodborne Pathogens and Genomics). The project collected 80 samples from 63 countries, and has been interpreting the sequencing and residue data. FAO and OIE have also been actively involved.

2.6 FAO is facilitating an informal network of developing countries to share information, knowledge and experience in using genome sequencing technology for food safety management. Participating countries include: Bangladesh, Bhutan, Botswana, China, Egypt, Ghana, India, Iran, Mauritius, Mongolia, Mozambique, Namibia, Philippines, Sudan, Singapore, Tanzania, Thailand, Vietnam. Contact WGS@fao.org to join the network.

2.7 Furthermore, in the Asia region, FAO collaborates with Nanyang Technological University (NTU) of Singapore to provide technical assistance on WGS for the process of sequencing as well as interpretation (bioinformatics) through workshops and trainings. Malaysia, Sri Lanka and Thailand have been participating in the project to have their food samples and clinical samples sequenced.

2.8 FAO published a peer-reviewed scientific article entitled “Investing in food safety for developing countries: opportunities and challenges in applying whole genome sequencing (WGS) for food safety management” appearing in the *Journal of Foodborne Pathogens and Disease*. The study based on a rapid scoping review and a focus group session concluded that in order for all countries to benefit from WGS, the work of various global initiatives aiming at building knowledge around WGS related capacities are essential.

Timely scientific advice provided by international organizations to facilitate knowledge transfer and discussions on global data management is also important.

WHO work on Emergencies Preparedness and Response

2.9 The Secretariat of the joint FAO/WHO International Food Safety Authorities Network (INFOSAN) continues to develop and strengthen this global voluntary Network to facilitate the management of food safety events at the international level. In 2018, the INFOSAN Secretariat responded to 74 food safety emergencies, facilitating rapid communication and exchange of information among INFOSAN members. This was by far the busiest year ever for the network (annual average in past years has been 42 events per year) and included three of the largest events the Network has dealt with so far. One regional meeting for members in the Americas (November 2018) and one regional meeting for the members in Asia (December 2018), as well as a national workshop in Tunisia (March 2019), were organized during the past year. The number of Member States participating in the network has increased from 160 in 2017 to 165 in 2018 out of a total of 194 Member State with continued growth in Africa, the Middle East and the Americas. The Americas is now the first region with 100% membership in INFOSAN. An in depth study of the Network has been initiated that will help better understand the membership needs and interests of the Network and help increase the Network relevance for its members and increase their active participation in the activities of the Network.

2.10 The INFOSAN Secretariat has continued to deliver webinars to further develop the INFOSAN members' knowledge and capabilities to participate actively in the Network. This year these have been conducted in English, French and Spanish.

2.11 Online emergency simulation exercises were run in English and Spanish for countries in Asia and the Americas, targeting INFOSAN Emergency Contact Points and National IHR Focal Points in order to strengthen capacity for food safety emergency response activities and bolster emergency preparedness.

FAO Regional Office for Asia and the Pacific regional initiative on development of food safety indicators

2.12 In Asia and the Pacific region, a number of FAO Members contacted FAO back in 2017 requesting technical assistance to follow the Codex guideline entitled "Principles and guidelines for monitoring the performance of national food control systems". Several tools and frameworks to determine the status level of country food safety management capacities exist. However, Members stated that existing tools either require long processing time, are focused on the safety assessment of certain parts of food systems or do not adequately capture social and economic consequences of unsafe food and that sometimes food safety problems can occur completely unnoticed. This often leads the policy makers to consider the topic of food safety less of a priority and budget allocation is applied accordingly.

2.13 In order to provide a sound tool for countries in the region that addresses such shortcomings, a regional consultation meeting was held on 6–8 December 2017 in Singapore to identify a possible set of regional food safety indicators for adaptation and use by individual countries. After the regional consultation, several countries including Bhutan, China, Cook Islands, the Philippines and the Republic of Korea launched pilot projects to produce a small number of concrete indicators in each country based on the indicators discussed at the regional level.

2.14 Building on this, the FAO Regional Office for Asia and the Pacific (RAP) will organize a regional meeting in November 2019 to share the results of the pilot projects and discuss the application of national food safety indicators to measure the specific targets that countries have set. After evaluating the effectiveness, it is planned to develop a guidance document for the development of food safety indicators as a reference for other countries and possibly other regions.

FAO GM Foods Platform

2.15 The FAO GM Foods Platform is a simple online platform to share information on safety assessment of foods derived from recombinant-DNA plants authorized in accordance with the Codex "Guideline for the conduct of food safety assessment of foods derived from recombinant-DNA plants (CAC/GL 45-2003, annex III adopted in 2008)". This Platform also facilitates the effective utilization of food safety assessment in situations of Low Level Presence (LLP) of r-DNA plant materials in food. The Platform is currently hosting a total of 1,357 records of national data on GM food/feed safety assessment and a total of 176 countries have nominated Focal Points to the Platform. Among them, 172 countries have successfully registered to the Platform and 22 countries are actively and regularly sharing their data and information. All Codex Members are requested to nominate their Focal Points and actively share relevant data and information with regards to national GM food/feed safety assessment (contact GM-Platform@fao.org for questions and comments). FAO will organize the FAO GM Foods Platform global community meeting on 10-13 September 2019 in Bangkok, Thailand. The meeting is for the Focal Points and Alternate Focal Points of the Platform, but is open to other government officers with relevant tasks as well as to partner agencies including the Organisation for Economic Co-operation and Development (OECD), Convention on biological Diversity (CBD) and United Nations

Environment Programme (UNEP).

FAO work on foresight for identification of emerging and critical issues in food safety

2.16 FAO's Food Safety and Quality Unit continues to engage with colleagues in house from different divisions, as well as external partners to further develop approaches for the application of foresight. In a globalized and rapidly changing world, food safety systems need to be flexible and take into account the changing environments and adjust to changing trends in order to be strategic and effective. Applying foresight approaches can help food safety systems to explore possible futures and scenarios, anticipate emerging food safety issues, and use this information to inform policy-making, strategy development and decision-making. FAO has initiated capacity development activities on foresight in food safety. A first pilot training workshop took place in March 2018 in Nairobi, Kenya with participants from six East-African countries, followed by one in December 2018 for five French-speaking West-African countries in Ouagadougou, Burkina Faso. Critical and emerging food safety issues are also a topic for discussion in the Regional Coordinating Committees (RCCs) and a survey has been sent out to all Codex countries to identify emerging food safety issues that will affect food safety and quality in 5-10 years' time. The application of foresight processes will support countries in the identification of emerging issues and the further prioritization within a food safety policy context.

FAO/WHO activities and perspectives on food borne pathogen contamination and antimicrobial resistance (AMR)

2.17 In order to support the food and agriculture sectors to address the issue of AMR many country focused initiatives are ongoing.

2.18 The WHO Advisory Group on Integrated Surveillance of Antimicrobial Resistance (AGISAR), with FAO as an active partner, has been playing an active role in the implementation of the Global Action Plan based on their five-year strategic framework. "Tricycle" integrated surveillance pilot projects have been ongoing in multiple countries. Under its initiative, the implementation of the AGISAR pilot projects started from 2017 for a period of up to two years in 14 countries, including one-year projects which were completed in Tanzania, Ethiopia, Chad, Suriname, Argentina, Palestine, Albania, Bhutan, Thailand, Philippines, and two year projects which are still on-going in Zambia, South Africa, Zimbabwe, Ecuador. The development of extended spectrum beta-lactamase (ESBL) *Escherichia coli* tricycle surveillance protocol has been ongoing since 2017, and pilot testing started in March 2018 in six countries (Ghana, Indonesia, Madagascar, Malaysia, Pakistan, Senegal) across regions. The AGISAR was disbanded in 2018 and is being replaced with a Tripartite Advisory Group on Intersectoral Support of Antimicrobial Resistance (TAGISAR). The terms of reference for TAGISAR have been established.

2.19 FAO is developing capacities of member countries in the areas of awareness raising, surveillance and laboratory capacity, legislation, good practices and prudent use. Activities are underway in selected countries in Africa (including Ethiopia, Ghana, Kenya, Tanzania, Sudan, Zimbabwe, Zambia), Asia (including Bangladesh, Cambodia, Indonesia, Laos, Philippines, Thailand, Vietnam), Eastern Europe (Armenia, Belarus, Kazakhstan, Kyrgyz Republic, Tajikistan) and Latin America (including Bolivia, Cuba, Dominican Republic, Ecuador, El Salvador, Honduras, Paraguay). Further outreach is being achieved through collaboration with Regional bodies.

2.20 "The tool to assess surveillance and laboratory assessment (ATLASS) has been further refined and used in 17 countries in Africa and Asia and there are plans to use it in 4 more countries in Central Asia and Eastern Europe."

PART III: FUTURE FOCUS (in addition to ongoing activities mentioned above)

Second Global Meeting of INFOSAN

3.1 WHO and FAO will convene the Second Global Meeting of INFOSAN members to be held in Abu Dhabi, the United Arab Emirates in December 2019 in collaboration and with support from the Abu Dhabi Food Control Authority.

Guide on Risk Categorization

3.2 New work has been initiated by FAO on guidance to help Competent Authorities categorize food business operators based on risk. This guidance will support improved inspection planning and reporting and will be piloted in different countries/regions in contexts where increasing amount of data are available.

Policy Guidance Note on food safety and food security

3.3 A part of an FAO series of Policy Guidance Notes, the publication is under finalization to discuss the inter-relation of food safety and food and nutrition security, illustrate trade-offs, and guide the elaboration of food safety policies that would support nutrition and food security objectives. The note identifies and discusses a number of issues to be taken into account to improve the coherence between food safety and food security and nutrition policies, and points out that robust national food control systems are critical to support Food and Nutrition security.

Climate change and Food safety

3.4 In 2008, FAO published a report entitled 'Climate change: implications for food safety', which identified the potential areas where impacts due to climate change can be anticipated along the food chain. In the last ten years science has progressed and new evidence has emerged linking climate change related phenomena to various food safety hazards. Drawing on this, work is currently underway to update the 2008 publication by capturing relevant quantifiable data from primarily scientific literature in the areas as identified in the previous version.

Guidelines for risk-based meat inspection

3.5 This upcoming FAO manual covers raw meat produced from domesticated animals and livestock, from the reception of live animals at the slaughtering establishments up to the shipment of carcasses and by-products from a risk-based perspective. While taking a "farm-tofork" food chain approach, a particular focus is on activities taking place in the abattoirs, including meat inspection (ante-mortem and post-mortem), slaughtering environment and operations, and safety and quality management systems (GHPs, HACCP). The importance of primary production is also highlighted, as well as distribution and trade, and handling of meat at home. The manual also covers the legislative framework as a prerequisite for effective meat inspection and it is supplemented by other relevant guidelines and tools by FAO and the Codex Alimentarius Commission.

Guide to risk-ranking food safety risks

3.6 The objective of this preliminary guidance is to provide direction to national food safety authorities on how to start ranking the public health risk posed by foodborne hazards in their countries. The guidance focuses on ranking of microbial and chemical hazards based exclusively on their impact on public health and represents the first step toward a systematic and evidence-based approach to identify the most significant risks in the area of food safety. This guidance was developed with low resource settings in mind. The application of the proposed framework is illustrated by two hypothetical case studies, one microbial and another chemical.

E-Learning guidance for the development of the growing area aspects of bivalve mollusc sanitation programmes

3.7 FAO is developing three e-learning modules based on the recently published technical guidance for the development of the growing area aspects of bivalve mollusc sanitation programmes.

PART IV: FAO AND WHO PUBLICATIONS AND TOOLS RECENTLY PUBLISHED

- INFOSAN activity report 2016-2017. (also available at https://www.who.int/foodsafety/publications/infosan_activity2016-17/en/)
- Technical guidance for the development of the growing area aspects of bivalve mollusc sanitation programmes. FAO/WHO 2018 (also available at <http://www.fao.org/3/CA1213EN/ca1213en.pdf>)
- FAO/WHO Food Control System Assessment Tool. FAO/WHO 2019

PART V: REGIONAL/NATIONAL PROJECTS AND INITIATIVES

5.1 Various activities were held at regional or national level. These are highlighted in Annexes 1-6 under regional/national events and projects/direct assistance to countries. The information is available at <http://www.fao.org/food/food-safety-quality/home-page/en/> (FAO) and <http://www.who.int/foodsafety/capacity/en/> (WHO) and Codex webpages.

5.2 Some projects focus directly on food safety and/or quality, while for others food safety is a component of a broader project. Information on the activities supported by the Codex Trust Fund can be found in CX/CAC 19/42/18.

ANNEX 1**AFRICA****REGIONAL/NATIONAL EVENTS**

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
Regional training course on foodborne disease surveillance and outbreak detection in the context of listeriosis preparedness and response	WHO/NICD	15-19 October 2018	Johannesburg, South Africa
Strengthening the plant health system in Mauritius	FAO, Ministry of Agro-Industry and Food Security, Mauritius	17-27 July 2018	Reduit, Mauritius
Elaboration du Plan National de Réponse aux Urgences de Sécurité Sanitaire des Aliments : Visite d'expérience des autorités du Burkina Faso au Sénégal et lancement officiel du projet GCP/SEN/072/LUX	FAO, Codex Senegal	7-9 August 2018	Dakar, Senegal
Microbiological risk management and the application of microbiological criteria – Workshop 2 on harmonization of food safety regulations within COMESA	FAO, COMESA	1-5 October 2018	Nairobi, Kenya
Regional Total Diet Study in Sub-Saharan Africa	STDF, FAO, Centre Pasteur, Cameroon	30-31 August 2018	Yaoundé, Cameroon
3 rd PACA Partnership Platform Meeting – Strategies for scaling aflatoxin control across Africa.	FAO, PACA	2-4 October 2018	Dakar, Senegal
Développement des capacités de surveillance intégrée en matière de SSA	FAO, Codex Senegal	30 October – 2 November 2018	Dakar, Senegal
Codex training workshop : Understanding Codex Alimentarius and scientific basis of Codex work	FAO, Codex Mauritius	13 November 2018	Port Louis, Mauritius
Training of Metallic Contaminant laboratory of Ghana on sapling techniques and detection of methylmercury and inorganic arsenic	FAO, Codex Ghana	19-30 November 2018	
Atelier sous-régional de renforcement des capacités sur la prospective en matière de sécurité sanitaire des aliments	FAO, Ministry of Health, Burkina	4-7 December 2018	Ouagadougou, Burkina Faso
Training workshop on negotiation and facilitation skills in support of Codex discussions	FAO RAF, Codex Ghana	11-14 December 2018	Accra, Ghana

Multi-stakeholder consultation workshop on the improvement of meat inspection system in Ghana	FAO RAF	18-19 December 2018	Dodowa, Ghana
FAO/WHO/AU International Conference on Food safety	FAO, WHO, AU	12-13 February, 2019	Addis Ababa, Ethiopia
Training on AMR-related legislation for francophone countries in West Africa (Benin, Burkina Faso, Cabo Verde, Cote d'Ivoire, Guinea, Guinea Bissau, Mali, Niger, Senegal and Togo)	FAO	6-7 March 2019	Ouagadougou, Burkina
Training on AMR-related legislation for Anglophone countries in West Africa (Nigeria, Ghana, Gambia, Sierra Leone, Liberia)	FAO	June 2019	Abuja, Nigeria
Training on AMR-related legislation for members of the Southern African Development Community (SADC)	FAO	11 - 12 December 2018	Johannesburg, South Africa

PROJECTS/DIRECT ASSISTANCE TO COUNTRIES

Activity	Organizers	Countries	Status
Country / pilot projects for integrated surveillance of foodborne antimicrobial resistance (AGISAR)	WHO/AGISAR	Ethiopia, Chad, South Africa, Tanzania Zambia, South Africa	Ongoing
Strengthening the national Codex programme and capacities to effectively participate in Codex (funded through the CTF)	WHO/FAO	Burkina Faso, Guinea, Senegal	Ongoing
Implementation of the ESBL <i>Escherichia coli</i> Tricycle surveillance, a One Health integrated surveillance on AMR in the food chain and environment	WHO/AGISAR	Ghana, Madagascar, Senegal	Ongoing
Capacity building of health workers on food hygiene within the frame of management of severe acute malnutrition	WHO	Guinea	Ongoing
Rolling out of the Safer food for all (SFFA) training package	WHO	Sierra Leone	Ongoing
Joint External Evaluation (JEE) of IHR Core Capacities	WHO	Niger, Central African Republic,	Completed
Workshop to strengthen national INFOSAN network	WHO/FAO	Burkina Faso	Completed
National workshop on quality control of the antibiogram and antimicrobial Resistance in foodborne bacteria and the ESBL <i>Escherichia coli</i> Tricycle surveillance	WHO/AGISAR	Zimbabwe	Completed
National workshop on integrated AMR surveillance and the use of WHONET	WHO/AGISAR	Zambia	May 2019
Situation analysis of Food safety	WHO	Lesotho	Ongoing
National level training on risk profiling	WHO	Ghana	Pipeline

Workshop on the use and maintenance of the FAO-Thiaroye fish processing technique (FMM/GLO/103/MUL)	FAO	Dzemeni, Ghana	18–19 February 2019
Technical Assistance Support project to the Angola Fisheries Sector Support Project (UTF/ ANG/056/ANG)	FAO/ AfDB	Angola	2015-2019
Amélioration de la prévention et de la réponse aux urgences de sécurité sanitaire des aliments au Sénégal et au Burkina Faso (GCP /SEN/072/LUX)	FAO	Senegal, Burkina Faso	2018-2020
FAO support to COMESA trade facilitation programme (UTF/COM/001/COM)	FAO/EU	COMESA countries	Pipeline
Improving the small scale fisheries value chain in Equatorial Guinea (TCP/EQG/3602)	FAO	Equatorial Guinea	Ongoing
Phase II of TCP Project Strengthening College of Marine Science and Technology, Massawa, Eritrea (TCP/ERI/3601)	FAO	Massawa, Eritrea	Ongoing
Agriculture for Economic Growth and Food Security/Nutrition to mitigate migration flows (GCP/GAM/040/EC)	FAO/EU	Gambia	Ongoing
Support for Strengthening the National Food Safety and Plant Health Protection Systems in Mauritius (TCP/MAR/3601)	FAO	Mauritius	Completed on 31 March 2019
Appui technique à l'alimentation des villes (TCP/MAG/3703/C1)	FAO	Madagascar	Ongoing
Advancing Healthy Street Food Incentives to boost the safety and nutritional balance of street food in Sub-Saharan Africa (TCP/RAF/3611)	FAO	Ghana, Tanzania	Ongoing
Strengthening food safety control systems in Ghana	FAO	Ghana	Pipeline
Strengthening the national Codex programme and capacities to effectively participate in Codex (funded through the Codex Trust Fund (CTF))	FAO/WHO	Madagascar	2016-2019
Strengthening the national Codex programme and capacities to effectively participate in Codex (funded through the CTF)	FAO/WHO	Cabo Verde	2019-2021
Strengthening the national Codex programme and capacities to effectively participate in Codex (funded through the CTF)	FAO/WHO	Mali	2019-2021
Strengthening the national Codex programme and capacities to effectively participate in Codex (funded through the CTF)	FAO/WHO	Rwanda	2019-20121
Review of food safety legislation and drafting of new food safety bill	FAO	Zimbabwe	Ongoing (2018-2019)

ANNEX 2**ASIA****REGIONAL/NATIONAL EVENTS**

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
Workshop for Codex Asian Region on Effective Preparation for Participation in Codex	FSSAI/CODEX/FAO/WHO	5-6 September 2018	New Delhi (India)
Bi-Regional meeting to accelerate Prevention and Control of Neglected Foodborne Parasitic Zoonosis in selected Asian Countries	WHO in collaboration with FAO and OIE	16-18 October 2018	Luang Prabang, Lao PDR
2018 INFOSAN in Asia – Meeting to Strengthen Food Safety Incident and Emergency Response through Rapid Information Sharing	Ministry of Food and Drug Safety, Republic of Korea and WHO	11-12 December 2018	Seoul, Republic of Korea
Tokyo AMR One Health Conference	WHO in collaboration with the Ministry of Health, Labour and Welfare , Japan	20-21 February 2019	Tokyo, Japan
Expert Consultation on Options for Strengthening National food Safety systems in the Western Pacific Region	WHO	13-14 March 2019	Beijing, China
Development of generic tools and guidance on risk-based food inspection in the Western Pacific	WHO	December 2018 to May 2019	N.A.
Development of food safety risk communication material for use and dissemination during disaster and emergency situations	WHO	November 2018 to April 2019	N.A
Regional consultation meeting on development of country specific Good Agriculture Practices (GAP) standards and harmonization of SAARC-GAP	FAO-SAARC	8-10 April 2018	Kathmandu, Nepal
Codex web tools training	FAO-WHO	13-14 September 2018	New Delhi, India
Workshop on the Codex Strategic Plan	FAO-WHO	1-2 November 2018	Beijing, China
Regional training workshop on “Enhancing Effective Participation in Codex Activities: developing science-based national positions and contributing scientific data to the Codex standard-setting activities”	FAO-Government of Japan	5-7 December 2018	Tokyo, Japan
Training on AMR Legislation for Asian countries participating in the in the Fleming Fund II (Bangladesh, Cambodia, Lao, Philippines, Vietnam)	FAO-Fleming Fund	July 2019	Bangkok, Thailand

PROJECTS/DIRECT ASSISTANCE TO COUNTRIES

Activity	Organizers	Countries	Status
Strengthening the food safety policy framework for Cambodia	WHO	Cambodia	October 2018 and April 2019
Strengthening capacity to respond to food safety incidents and emergencies in Cambodia with particular focus on methanol poisoning	WHO	Cambodia	October 2018
Webinar on strengthening Mongolia's participation in Codex	WHO and Codex Secretariat	Mongolia	21 August 2018
Food safety training and tabletop exercise in preparation of the National Games in Lao PDR	WHO	Lao PDR	23-26 July 2018
Meeting to revisit the draft National Food Safety Policy in Lao PDR	WHO	Lao PDR	27 July 2018
Strategic planning for strengthening the national food safety system in Vietnam	WHO	Vietnam	April 2019
Development of training curriculum for food inspectors in Vietnam	WHO	Vietnam	March 2018
Strengthening national food safety system in Mongolia	WHO	Mongolia	August 2018
Joint External Evaluation (JEE) in Philippines	WHO	Philippines	September 2018
Support for capacity building for international food safety standards development and implementation in ASEAN countries	FAO	ASEAN countries	Ongoing
Improving food safety in Bangladesh	FAO	Bangladesh	Completed
Institutionalization of food safety in Bangladesh for safer food	FAO	Bangladesh	Ongoing
Development of standards and scheme for Good Agriculture	FAO	Cambodia	Ongoing
Technical assistance to Indonesia to implement a risk categorization framework of food businesses to guide risk based inspection (GCP/GLO/520/USA)	FAO	Indonesia	2019
Technical assistance to establish a Geographical Indication system	FAO	Afghanistan	Completed
Mapping of food systems architecture and assessment of regulatory capacity for fortified foods.	FAO	Afghanistan	Completed
Pilot Street Food Safety Programme	FAO	Pakistan	Ongoing

Support to modelling the Dhaka food system	FAO	Bangladesh	Ongoing
The cases of New Delhi and Dhaka on cost and benefits related to food safety - rural-urban market and value chain integration in South Asia	FAO-World Bank	Bangladesh, India	Ongoing
Joint study of urban food systems in Asia	FAO-World Bank	15 countries in Asia	Ongoing
Strengthening One-Health Programme in the Asia Pacific Region	FAO	Nepal, Papua New Guinea, Sri Lanka, Vietnam	Ongoing
Support in developing efficient food control management systems	FAO-WHO	Mongolia	Ongoing
Strengthening risk-based import control through One Health approaches	FAO	Myanmar, Nepal, Philippines, Sri Lanka	Completed
Technical support for the revision of the draft food safety Act	FAO	Nepal	Completed
Capacity development for reviewing and drafting law on crop production	FAO	Vietnam	Completed
Technical support for the formulation of a national clean agriculture development programme	FAO	Laos	Ongoing
Technical support for development the "Manual of the Role, Responsibilities and Working Procedures for functioning of the National Codex Contact Point of Myanmar"	FAO	Myanmar	Ongoing
Assessment of national food control system in Indonesia, using the FAO/WHO food control system assessment tool	FAO/WHO	Indonesia	Completed
Technical assistance for awareness of Geographical Indications	FAO	Sri Lanka	Completed
Strengthening veterinary public health to support the new food safety law and improve surveillance and reduce the risk of food-borne and zoonotic pathogens in Viet Nam	FAO	Vietnam	Completed
Institutional strengthening on food safety and quality control in supply chain management of livestock products	FAO	Thailand	Completed

ANNEX 3**EUROPE****REGIONAL/NATIONAL EVENTS**

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
Launch of the Regional Nutrition Capacity Development Partnership and Platform for Central Asia and the Caucasus (RNPP)	FAO, WHO, UNICEF, WFP	19-21 July 2018	Ashgabat, Turkmenistan
FAO/OIE/WHO Sub-Regional Workshop on AMR National Action Plan Implementation	FAO/OIE/WHO	10-11 October 2018	Almaty, Kazakhstan
Symposium on sustainable food systems for healthy diets in countries of Central and South-Eastern Europe (CSEE) with integrated training on food consumption data collection and strengthening the thematic regional networking	FAO, CAPNUTRA	15-17 October 2018	Belgrade, Serbia
Supporting the awareness raising activities during the World Antibiotic Awareness Week 2018: Information pack for Europe and Central Asia	FAO/OIE/WHO	12-18 November 2018	Regional
Support to countries in the CCEURO region to strengthen their capacity on Codex tools, and preparedness for the 31 st session of CCEURO	FAO/WHO/Codex Secretariat	7-9 November 2018	Nur-Sultan, Kazakhstan
Pre-CCEURO workshop	FAO/WHO	29 September 2019 (to be confirmed)	Nur-Sultan, Kazakhstan
Regional meeting on “Appropriate food safety regulations in diverse food sectors”	FAO	October 2019	To be determined

PROJECTS/DIRECT ASSISTANCE TO COUNTRIES

Activity (Workshop/Seminar/Training Course)	Organizers	Countries	Status
Technical Support to the Food Safety Agency institutional reform and management (TCP/AZE/3703)	FAO	Azerbaijan	Ongoing
“Reducing the advance of AMR in food and agriculture” Improving the ability of target countries to assess and analyze the existing AMR and AMU knowledge, and strengthening the capacities and regulatory frameworks related to AMU in food, agriculture, fisheries and livestock, and raising awareness on roles and responsibilities in the food and agriculture sectors. (GCP /RER/057/RUS)	FAO	Armenia, Republic of Belarus, Republic of Kazakhstan, Kyrgyz Republic, Republic of Tajikistan	Ongoing 30 March 2017-September 2019

“Strategies for Food Loss and Waste Reduction” Enhance reduction in food loss and waster (FLW) in the programme implementation areas, resulting in a reduction of the national contribution to climate change, and a mitigation of the pressure on national food systems for increased production. Food safety aspects of FLW reduction and food redistribution are also considered during the development of national FLW reduction strategies. (TCP/RER/3702)	FAO	Albania, Armenia, Moldova, North Macedonia	Ongoing 01 August 2018 - 31 July 2020
Capacity Building on the Implementation of Food Safety Controls	FAO	Azerbaijan, Kyrgyzstan, Moldova, Tajikistan	In the pipeline/under formulation June 2019-May 2022
Black Sea Economic Cooperation Organization Regional Cooperation Centre for Sustainable Food Systems (BSEC-RCC-SFS)	FAO	Albania, Armenia, Azerbaijan, Bulgaria, Georgia, Greece, Moldova, Romania, Russian Federation, Serbia, Turkey, Ukraine	In the pipeline/under formulation June 2019-May 2022
Reduction of Food Loss and Waste in the SEC Countries	FAO	Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkey, Turkmenistan, Uzbekistan	In the pipeline/under formulation May 2019-April 2021
Strengthening Albanian producer groups and the administrative capacities of the institutions and local authorities to promote the products as geographical indications	FAO	Albania	Ongoing
Strengthening food safety and animal health capacities in risk assessment and management (TCP/ARM/3702)	FAO	Armenia	Ongoing 1 March 2019 - 31 December 2020
Technical Support to the Food Safety Agency (TCP/AZE/3703/C3)	FAO	Azerbaijan	Ongoing 1 December 2018 - 01 June 2019
Strengthening the official food safety control system and facilitating market access of food products (TCP/BYE/3702)	FAO	Belarus	Ongoing 1 March 2019 - 31 December 2020
Analysis of potential to increase food donations in Georgia as part of food waste initiatives – food safety and quality rules and controls	FAO	Georgia	Ongoing
Support capacity development to apply risk analysis by governmental food safety competent authorities and food business operators in selected value chains in Kazakhstan. Collaboration and technical exchange between Rospotrebnadzor and Kazakh food safety authorities.	FAO Rospotrebnadzor	Kazakhstan	Completed 31 December 2018
Enabling Market Access for Tadjik Agricultural Products through Improved Food Safety System” (UNJP/TAJ/017/ICT)	FAO-STDF	Tajikistan	Ongoing

Strengthening national capacities to address Antimicrobial Resistance risks (TCP/UKR/3702)		Ukraine	Ongoing
Reducing the advance of Antimicrobial Resistance (AMR) in food and agriculture (GCP/RER/057/RUS)	FAO	Armenia, Belarus, Kyrgyzstan, Kazakhstan, Tajikistan	Ongoing
Enhancing Capacity of Kyrgyz Fruit and Vegetable Industry to Implement GAP, GHP AND HACCP (STDF/PG/569/KYR)	FAO	Kyrgyzstan	In the pipeline EOD: 1 June 2019
Supporting multi-stakeholder engagement on the role of diets and food systems in the prevention of obesity and non-communicable diseases in Kyrgyzstan	FAO	Kyrgyzstan	Ongoing
Support to Strengthening the Food Safety System in Moldova - Supporting the food and agriculture sectors to minimize the impact of antimicrobial resistance of Salmonella and Campylobacter sp. from food chain perspective and increase the evidence base for chemical risk management. Project closing workshop – strengthening capacities to collect evidence for AMR and chemical risk management (TCP/MOL/3601)	FAO	Moldova	Completed
Strengthening the capacities of national food control authorities and food producing enterprises for the implementation of risk analysis framework. Collaboration and technical exchange between the NSVFS, Romania and Moldovan food safety authorities.	FAO, National Sanitary Veterinary and Food Safety Authority in Romania	Moldova	Completed
Support on strengthening effective participation in Codex	FAO/WHO, supported by the Codex Trust Fund.	North Macedonia	Ongoing
Support the adoption and implementation of food safety and quality standards in selected value chains in North Macedonia.	FAO	North Macedonia	Under formulation (in the pipeline)
Improved operation of the national food control system, particularly its inspection, monitoring and laboratory components (TCP/TAJ/3604)	FAO-TJ	Tajikistan	Awaiting government signature
Enabling Market Access for Tajik Agricultural Products Through Improved Food Safety System (STDF/PG/447) FAO is responsible for Output 1: Regulatory and control system for use of agri-chemicals and veterinary medicines established and operational.	ITC and FAO	Tajikistan	Ongoing November 2018– October 2021
Project on Coordinating the national food safety system for fishery products in Ukraine to move towards harmonization with the EU" (GCP/UKR/003/NOR)	FAO	Ukraine	Ongoing

ANNEX 4**LATIN AMERICA AND THE CARIBBEAN****REGIONAL/NATIONAL EVENTS**

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
9 th Assembly of the Interamerican Food Analysis Laboratories Network (INFAL)	PANAFTOSA/PAHO-WHO	4-9 November 2018	Dominican Republic
Caribbean Sub regional Workshop on Prudent Use of Antimicrobials in Livestock.	PAHO-WHO	23-24 October 2018	Trinidad & Tobago
50 th Codex Committee on Food Hygiene (CCFH)	WHO-FAO	11-16 November 2018	Panama
Workshop on Risk Based Inspection to the Caribbean	PANAFTOSA/PAHO-WHO	11-14 March 2019	Trinidad & Tobago
Workshop on Food Hygiene and Training of Trainers on the use of the PAHO/FAO Food Handlers Manual (Dutch Caribbean Countries)	PANAFTOSA/PAHO-WHO	2-4 April 2-4 2019	Trinidad & Tobago
Regional workshop to strengthen the International Food Safety Authorities Network (INFOSAN) in the Americas	PAHO-WHO	5-8 November 2018	Mexico
Workshop on Food Safety Emergencies	PAHO-WHO	10-12 December 10-12 2018	Chile
Webinar: Estimation of uncertainty in chemical methods based on EURACHEM guideline (471 participants)	PANAFTOSA/PAHO-WHO	26 June 2018	Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Paraguay, Peru, Uruguay and Venezuela
Webinar: Selection, qualification and use of thermometers and temperature-controlled equipment (462 participants)	PANAFTOSA/PAHO-WHO	3 July, 2018	Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay and Venezuela
Webinar: Metrology: Concepts and metrological traceability (407 participants)	PANAFTOSA/PAHO-WHO	26 July 2018	Argentina, Bolivia, Brazil, Chile, Colombia, Dominican Republic, Ecuador, El Salvador, Guatemala,

			Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay and Venezuela
Webinar: Adaptation to new ISO 17025:2017: Changes between versions and its implementation (Good practices in the use of volumetric devices and verification by gravimetric method (836 participants)	PANAFTOSA/PA HO-WHO	23 August 2018	Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay and Venezuela
Webinar: Good practices in the use of volumetric devices and verification by gravimetric method (448 participants)	PANAFTOSA/PA HO-WHO	30-31 August 2018	Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay and Venezuela
Webinar: Verification of biosafety cabinets (392 participants)	PANAFTOSA/PA HO-WHO	11 September 2018	Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay and Venezuela
Webinar: Quality control of culture media (569 participants)	PANAFTOSA/PA HO-WHO	20-21 September 2018	Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay and Venezuela
Webinar: Serogrouping, serotyping and antimicrobial susceptibility testing of eight <i>Salmonella</i> isolates	PANAFTOSA/PA HO-WHO	April 2019	Planned
Webinar: Implementation of a risk analysis plan at laboratories	PANAFTOSA/PA HO-WHO	June 2019	Planned
FAO Technical discussion on The Role of Feed and the Meat industry in AMR	FAO (TCP/RLA/3708)	13-14 March 2019	Santiago, Chile

Capacity building of national staff within the framework of the PANAFTOSA/PAHO-WHO cooperation agreement with the Brazilian Ministry of Health and the National Food Surveillance Agency (ANVISA) in various aspects related to Food Risk analysis Chemical Risk assessment FBD surveillance and Burden of disease	SVS ANVISA PANAFTOSA/PAHO-WHO	Ongoing	National, Brazil
Capacity building of national staff within the framework of the PANAFTOSA/PAHO-WHO cooperation agreement with the Brazilian Ministry of Health and the National Food Surveillance Agency (ANVISA) in various aspects related to Food Risk analysis Chemical Risk assessment FBD surveillance and Burden of disease	SVS ANVISA PANAFTOSA/PAHO-WHO	Ongoing	National, Brazil

PROJECTS/DIRECT ASSISTANCE TO COUNTRIES

Activity	Organizers	Countries	Status
AMR surveillance in shrimp production	PANAFTOSA/PAHO-WHO and SANIPES	Peru	August 2018 – April 2019
"Prevalence and AMR of <i>Campylobacter</i> , <i>Salmonella</i> and <i>E. coli</i> ESBL in poultry farms, poultry meat at retail and human gastroenteritis cases in Ecuador"	AGISAR and PAHO-WHO	Ecuador	Ongoing
Multi-sectoral assessment of the national food safety system, with recommendations to improvement and follow up.	PANAFTOSA/PAHO-WHO	Costa Rica	Ongoing
Multi-sectoral assessment of the national food safety system, with recommendations to improvement and follow up.	PANAFTOSA/PAHO-WHO	Honduras	Ongoing
Multi-sectoral assessment of the national food safety system, with recommendations to improvement and follow up.	PANAFTOSA/PAHO-WHO	El Salvador	Ongoing
Support of the Codex Trust Fund 2	PANAFTOSA/PAHO-WHO	Honduras	Ongoing
Assessment of the food safety aspects of the national program for production/distribution of food in public schools. A report with recommendations was delivered.	PANAFTOSA/PAHO-WHO	Peru	16-19 August, 2018
Support to the development of a national food safety risk communication guidelines.	PANAFTOSA/PAHO-WHO and Food Safety Risk Analysis Network	Peru	October 2018 – May 2019

	(FSRisk)		
Capacity building of national staff within the framework of the PANAFTOSA/PAHO-WHO cooperation agreement with the Brazilian Ministry of Health and the Brazilian Health Regulatory Agency (ANVISA) in various aspects related to Food Risk analysis Chemical Risk assessment and food safety in general.	ANVISA PANAFTOSA/PA HO-WHO	Brazil	Ongoing
Capacity building of national staff within the framework of the PANAFTOSA/PAHO-WHO cooperation agreement with the Brazilian Ministry of Health and Secretary of Sanitary Surveillance (SVS) in various aspects related to food safety, FBD surveillance and Burden of disease	SVS and PANAFTOSA- PAHO-WHO	Brazil	Ongoing
Support project development for application to Codex Trust Fund – round 3 for the strengthening the national Codex programme and capacities to effectively participate in Codex	PANAFTOSA/PA HO-WHO	El Salvador – Guatemala	September-November 2018
Support project development for application to Codex Trust Fund – round 3 for the strengthening the national Codex programme and capacities to effectively participate in Codex	PANAFTOSA/PA HO-WHO	Cuba	September-November 2018
Support project development for application to Codex Trust Fund – round 3 for the strengthening the national Codex programme and capacities to effectively participate in Codex	PANAFTOSA/PA HO-WHO	Bolivia	September-November 2018
Support Suriname’s Central Laboratory in the implementation of a methodology to detect POPs in food.	PANAFTOSA/PA HO-WHO	Suriname	July-October 2018
Co-organization with GFN on a proficiency testing scheme on Serogrouping, serotyping and antimicrobial susceptibility testing of eight Salmonella isolates	PANAFTOSA/PA HO-WHO	Argentina, Barbados, Bolivia, Brazil, Chile, Colombia, Cuba, Dominican Republic, Ecuador, Guatemala, Guyana, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Suriname, Trinidad and Tobago, Uruguay and Venezuela.	Ongoing
The Promotion of Food Safety and Meat Hygiene in the Poultry Cottage Industry in Trinidad and Tobago (TCP/TRI/3701/C1)	FAO RLC	Trinidad and Tobago	Ongoing
AMR containment in Terrestrial and Aquatic Food production Systems (TCP/RLA/3708)	FAO RLC	Ecuador, Peru, Uruguay	Ongoing

Support to the Chilean Food Safety Agency (ACHIPIA) in food safety risk analysis and AMR (UTF/CHI/046/CHI)	FAO RLC	Chile	Ongoing
Risk analysis, risk communication and governance support for sustainable management of AMR (OSRO/GLO/512/NOR)	FAO	Peru, Guatemala	Ongoing
Establishment of a mechanism for national governance of Antimicrobial Resistance (TCP/GUA/XXXX)	FAO RLC	Guatemala	Pipeline
Technical assistance for the prevention, monitoring and control of the consumption of safe food and awareness on AMR	FAO RLC	Bolivia	(concept note in revision)
Technical support on AMR legislation	FAO-Fleming Fund	Guatemala, Bolivia, Peru, Ecuador, Uruguay	Before July 2019

ANNEX 5**NEAR EAST/EASTERN MEDITERRANEAN****REGIONAL/NATIONAL EVENTS**

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
Workshop for training officials in project methodology held in Amman, Jordan for officials from, Morocco, Sudan, Egypt, Iran and Jordan in connection with expanding the AMR project activities	WHO/FOS	20-24 January 2019	Amman
National INFOSAN workshop in Tunisia	WHO/FOS	5-6 March 2019	Tunis, Tunisia
2 nd Regional Codex capacity development workshop (Arab guidelines to support national Codex procedures and infrastructure)	FAO/UNIDO (UNJP/RNE/010/UID)	September 2018	Cairo, Egypt
#3 rd Regional Codex Capacity development workshop (Codex Strategic Plan 2020-2025 and Regional coordinating committee for the East)	FAO/UNIDO(UNJP/RNE/010/UID)	April 2019	Khartum, Sudan
Introductory training course on food control and Codex capacity development for Libya	FAO/WFP	October 2018	Cairo, Egypt
National Codex capacity building workshop for Yemen, Sudan and Egypt: Use of regional Arab guides at National level	FAO/UNIDO(UNJP/RNE/010/UID)	January 2019	Cairo, Egypt
Support to GCC Secretariat for a Project to strengthen and harmonize GCC-wide border inspection post /risk based approach to food import inspections.	FAO	In pipeline - Concept Note submitted	TBD
Support to a GCC-wide strategy for the adoption of HACCP principles by food businesses	FAO	In pipeline - Concept Note submitted	TBD
National Codex capacity building workshop for Kuwait: Use of regional Arab guides at National level	FAO/UNIDO (UNJP/RE/010/UID)	March 2019	Koweit, Koweit
National Codex capacity building workshop for Libya: Use of regional Arab guides at National level (UNJP/RNE/010/UID)	FAO/UNIDO	February 2019	Tunis, Tunisia

PROJECTS/DIRECT ASSISTANCE TO COUNTRIES

Activity	Organizers	Countries	Status
WHO assessment of the national food safety system in Iraq and preparation of recommendations for improvement.	WHO/EMR	Iraq	27 January- 01 February 2019
To review the food safety system in Qatar, to propose next steps and to initiate the creation of a scientific committee for risk assessment.	WHO/EMR	Qatar	10-15 February 2019
Mission to Pakistan to evaluate progress of Tricycle Project on the surveillance and monitoring of anti-microbial resistance in food, agriculture and environmental sectors with a view to expand project methodology to other countries in the Region.	WHO/EMR	Pakistan	1 - 5 May 2018
Assistance to Iraq in connection with a major die-off of fish in the river Euphrates and an investigation into the possible sources for the die-off and the consequences for public health.	WHO/EMR	Iraq	7-15 November 2018
Capacity building programme in support of the Palestinian National Authority – Sanitary and Phyto-Sanitary measures (OSRO/GAZ/402/NET). The project is complemented by the Capacity building programme in support of the Palestinian National Authority - Sanitary and Phytosanitary (SPS) measures (GCP/GAZ/013/SW)	FAO	West Bank/Gaza Strip	Ongoing
Establishment of a food contamination monitoring system prototype in Lebanon (TCP/LEB/3606)	FAO	Lebanon	Ongoing
TCP Project (TCP/3606/SUD): Improving the implementation of sanitary and phytosanitary standards and norms for domestic animal and plant health in Sudan	FAO	Sudan	Ongoing
Enhancement of regional trade capacities in food through a harmonized regional conformity assessment and food safety systems (UNJP/RNE/010/UID)	FAO/UNIDO	AIDMO members (Arab Industrial Development and mining Organization)	Ongoing
UNJP/RNE/010/UID: implementation of a national food control system assessment in Tunisia	FAO/UNIDO	Tunisia	August 2018 – May 2019
UNJP/RNE/010/UID: implementation of a national food control system assessment in Sudan	FAO/UNIDO	Sudan	August 2018- April 2019
Assistance to Egypt to strengthen regulatory and Codex capacities	FAO	Egypt	Pipeline
Assistance to the establishment of a risk based import control programme	FAO	Iraq	Pipeline
Support to development of geographical indications	FAO-RNE	Jordan	Pipeline

Strengthening the National Codex Committee and the Codex Contact point in Lebanon (TCP/LEB/3401)	FAO-RNE	Lebanon	Ongoing
UTF / Strengthening food safety in UAE (building on the foundation provided by TCP/SNG/3401)	FAO-SNG	UAE	CN submitted Project in pipeline
Technical support provided to the self-assessment of the national food control system performed by Iranian authorities	FAO/WHO	Iran	Ongoing

ANNEX 6**NORTH AMERICA AND THE PACIFIC****REGIONAL/NATIONAL EVENTS**

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
Development of an Operational Guide on Use of Referral Laboratories for the Analysis of Foodborne Hazards in the Pacific	WHO	July 2018 to May 2019	N.A.
Online training course on Investigation and Response to Food Safety Incidents and Emergencies in the Pacific	WHO	January to July 2019	Pacific Open Learning Health Net (POLHN)
Online training course on Best Practices for Food Establishment Inspectors in the Pacific	WHO	January to March 2019	Pacific Open Learning Health Net (POLHN)
Development of generic tools and guidance on risk-based food inspection in the Western Pacific	WHO	December 2018 to May 2019	N.A.
Development of food safety risk communication material for use and dissemination during disaster and emergency situations	WHO	November 2018 to April 2019	N.A.
Workshop on updating the Pacific Islands Food Composition Tables	FAO/USP	May 2019	Suva, Fiji
Workshop on creation/updating and implementation of national Food Based Dietary Guidelines	FAO/SPC	TBD	Fiji

PROJECTS/DIRECT ASSISTANCE TO COUNTRIES

Activity	Organizers	Countries	Status
Training on the management of food safety during mass gatherings, including training of food inspectors and simulation exercises	WHO	Port Moresby, Papua New Guinea	September to November 2018
Joint External Evaluation (JEE) New Zealand	WHO	New Zealand	November 2018
Feasibility study to update the Pacific Islands Food Composition Tables	FAO	Fiji, Marshall Islands, Samoa, Solomon Islands, Tonga, Vanuatu	Ongoing
Supporting the creation/updating and implementation of National Food Based Dietary Guidelines in Fiji, Marshall Islands, Samoa, Solomon Islands, Tonga and Vanuatu	FAO	Fiji, Marshall Islands, Samoa, Solomon Islands, Tonga and Vanuatu	Under development
Increased capacity of rural communities to process and market local food	FAO	Fiji	Ongoing

Sustainable fish value chains with extended shelf-life products	FAO	Federated States of Micronesia	Ongoing
Strengthening Food Control Capacity in Kiribati	FAO	Kiribati	Ongoing
Technical Capacity Building for Codex Standards and Risk Based Food Inspection in Kiribati	FAO	Kiribati	Under development
Emergency assistance in support of food security recovery of drought-affected communities	FAO	Marshall Islands	Ongoing
Improving the capacity of small famers to market a consistent supply of safe, quality food	FAO	Samoa	Closed
Capacity development of Codex Systems in Samoa	FAO	Samoa	Ongoing
Development of national food safety indicators with a One Health approach	FAO	Cook Islands	Ongoing
Strengthening the capacity of farmers and food vendors to supply safe nutritious food in Guadalcanal, Malaita and Temotu provinces of Solomon Islands	FAO	Solomon Islands	Ongoing
Strengthening the capacity of the National Public Health Laboratory to provide services in support of market access for Solomon Island fish exporters	FAO/STDF	Solomon Islands	Ongoing
Strengthening capacity in home gardening, healthy food awareness and effective biosecurity for Tokelau	FAO	Tokelau	Ongoing
Support to Tonga horticulture competitiveness	FAO	Tonga	Ongoing
Strengthening the capacity in integrated crop-livestock farming production system for Tuvalu	FAO	Tuvalu	Ongoing
Identification of scope of services and viable business model for a national food development/ diagnostic laboratory	FAO	Vanuatu	Ongoing