

食品法典委员会

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联合国粮食
及农业组织



世界卫生组织

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粮农组织/世界卫生组织联合食品标准计划

食品法典委员会

第三十六届会议，粮农组织总部

7月1—5日，意大利罗马

粮农组织和世卫组织提出的其它事项 在食品安全和质量方面的能力建设

(由粮农组织和世卫组织编写)

文件目录

本文件重点介绍了自食典委第三十五届会议以来开展的主要举措和活动，内容安排如下：

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第 I 部分：粮农组织/世卫组织为提高成员国在食品安全方面的能力而建立的伙伴关系和开展的合作

粮农组织和世卫组织是负责处理食品安全和质量问题的主要联合国专门机构。这两个组织的职责范围互为补充，所涉问题广泛，旨在支持全球食品安全，保护消费者健康。世卫组织专门处理与公共卫生相关的问题，而粮农组织负责解决食品链上与食品生产相关的问题。这两大组织既联合开展活动，包括全球一级的联合活动（如提供科学咨询意见和建立“国际食品安全机构网络”等）和国家层面的活动，又单独积极执行工作计划。

粮农组织和世卫组织与各国政府主管部门、地方企业和生产商及其他相关利益相关者开展合作，以科学原则为基础，改善食品安全及质量管理体系，旨在减少食源性疾病的，支持公正且透明的贸易。这项工作的核心是保护公众健康，推动经济发展，改善生计和粮食安全。

与其他国家及国际机构和组织建立伙伴关系也非常重要。确保粮农组织/世卫组织的活动与各国食品安全主管部门及负责食品安全的科学家及专家建立联系并开展互动也同样重要。

粮农组织和世卫组织通过召集技术会议、开展案头工作来编制和/或审查各类指导材料和项目建议书，参与处理国家一级及其他不同层面产生的各类问题，并开展能力建设活动。这些能力建设活动直接支持食典委《2008—2013年战略计划》的实施。

粮农组织和世卫组织能力建设活动的核心是清晰了解各国政府、地方企业和其他利益相关者的运作环境，将有关食品安全的最新全球知识和技术咨询意见转化为国家一级的行动。粮农组织和世卫组织的官员在世界各地开展工作，持续与各区域食品安全领域的专业人士进行接触和对话。

粮农组织和世卫组织开展的能力建设工作支持并推动了食典委的工作，具体表现为：

1) 与各国开展合作，加强其国家食品安全系统，通过提供技术技能，帮助各国更有效地参与制定食典标准；2) 根据相关食典文本制定一系列指导工具，有效地“翻译”这些文本内容，帮助各国根据国情更好地认识和应用这些内容；3) 支持数据生成活动，收集来自更多国家的数据，扩充数据库容量，并以此为基础进行决策。

请和我们联系！

欲了解更多有关粮农组织和世卫组织工具和项目活动的信息，请参见：

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

世卫组织：<http://www.who.int/foodsafety>

粮农组织还新编制了一份食品安全专家名册。食品安全领域的相关专家若希望推动粮农组织向成员国提供科学咨询意见及技术援助的工作，请到此网址登记：

www.fao.org/food/expert-roster

第 II 部分：自食典委上届会议以来的关键举措概要

粮农组织/世卫组织为解决食源性致病菌污染和抗菌剂耐药性问题而开展的活动及对此问题的看法

粮农组织和世卫组织继续开展一系列活动，以加强食品安全及各国兽医人员处理下列问题的能力：因在家畜生产中使用非人用抗菌剂方法不当，发生食源性致病菌污染的问题、致病菌可能出现抗菌剂耐药性的问题，以及此耐药性对人类造成公共卫生的问题。此类活动包括，粮农组织与世卫组织在实地项目中开展合作，加强国家及区域两级在检测、监测、监管和管理食品链上食源性致病菌污染和抗菌剂耐药性方面的能力和系统。此外，联合项目还提供了资料，促进在食物链上制定适当的国家政策、改善畜牧业和动物卫生状况，并推广良好食品卫生做法。自食典委第三十五届会议以来开展的重要活动包括：

世卫组织于 2008 年 12 月成立了抗菌剂耐药性综合监测咨询专家组，以支持世卫组织的工作，尽量减轻因对产肉动物使用抗菌剂而引起的抗菌剂耐药性对公共健康造成的影响。

在 2012 年 6 月于普罗旺斯艾克斯举行的第四次年度会议上，抗菌剂耐药性综合监测咨询专家组最终确定了有关抗菌剂耐药性综合监测问题的指导文件，公布在如下网站：http://www.who.int/foodborne_disease/resistance/agisar/en/index.html。

除上述粮农组织/世卫组织研究外，抗菌剂耐药性综合监测咨询专家组还在如下地区开展了有关抗菌剂耐药性的综合监测试点项目：拉丁美洲（哥伦比亚、乌拉圭、哥斯达黎加、巴拉圭、巴拿马），非洲（布基纳法索、喀麦隆、埃塞俄比亚、坦桑尼亚、塞内加尔），亚洲（柬埔寨、越南、印度）和欧洲（科索沃）。粮农组织/世卫组织已在肯尼亚、柬埔寨和越南实施或正在实施有关食源性致病菌污染和抗菌剂耐药性问题的联合试点项目，近期还将在印度启动类似项目。

2012 年 8 月 22—23 日在罗马粮农组织总部召开了粮农组织、世界动物卫生组织和世卫组织抗菌剂耐药性联合活动联络人第三次特别技术会议，作为 2011 年 8 月 5 日在日内瓦世卫组织总部召开的第二次会议的后续会议。

来自三个组织的抗菌剂耐药性问题联络人正在探索如何在能力建设活动方面开展更紧密的合作，目前正在努力参与彼此开展的相关活动，作为在此方面的第一步工作，并选择在实验室、流行病学以及抗菌剂耐药性的国家能力建设方面加强联合活动。

世卫组织在 2012 年 12 月 18—19 日召开了“全球抗菌剂耐药性监测战略技术磋商会”，粮农组织出席了这一会议，会后继续就制定战略的问题开展工作。

粮农组织/世卫组织关于风险评估方法的工作

2013年5月，粮农组织和世卫组织在中国北京召开了农药残留物安全性评估研讨会，并概括介绍了粮农组织/世界卫生组织农药残留联席会议进行农药风险评估的方式，以便农药残留规范委员会在其执行的风险分析原则的框架内规定农药的最大残留限量；尤其是设定食典委工作时间表和农药优先审议清单，供粮农组织/世界卫生组织农药残留联席会议对新出现的化学品进行评估，或对现有化学品进行重新评估，从而修订、保留或撤销食典中的最大残留限量/农药。研讨会旨在向食典委成员介绍农药安全性评估的程序、食典的最大残留限量规定及列入审议的农药，以及关于修订农药残留规范委员会执行的风险分析原则的当前讨论中的不足之处和关切问题。

改进基于证据的食品安全决策指导¹

在就公共食品监管和食品安全计划投资进行决策时，需要采取更系统、更透明和有据可循的办法，为应对这一需求，目前正在使用多重标准方法，开展基于证据的食品安全决策工作。这一工作的一项关键内容是，食品安全领域的决策者在确定粮食安全优先重点问题或决定应采取何种最适合的措施解决食品安全问题时，应考虑一系列不同的标准。实际标准应视各国情况而定，但应囊括以下因素：健康、市场准入、经济收益/风险、消费者认知水平、粮食安全以及生计。

粮农组织目前正与乌干达和柬埔寨这两个试点国家进行合作，评估多重标准方法的可行性。试点工作可为以下方面提供宝贵的见解和经验：与所有有关的利益相关者合作；了解数据的供应和使用情况；收集有关粮食安全方面的实证；以及最终了解如何在发展中国家的背景下运用多重标准方法。此外还将考虑其他国家和地区的经验。在这一工作的基础上，为了分享关于食品安全政策的更广泛的经验，粮农组织将在2013年下半年召开一场有关该主题的技术会议。

考虑到健康问题在食品安全决策中的重要性，粮农组织正与世卫组织食源性疾病负担流行病学参考小组在乌干达（该小组的试点国家）以及全球一级开展密切合作，考虑如何在国家一级有效运用该小组对于残疾因素校正寿命的估测值及其来源属性方面的结论。

应确定能力发展方面的需求，并针对这些需求制定适当的材料。目前正在开发工具并编制指导文件，这将有助于各国收集并分析相关数据和信息，为完善食品安全政策提供信息，并清楚了解这些决定的成本、影响和后果。更多信息载于

<http://www.foodsec.org/web/what-we-do/nutrition/en/>。

¹ 在粮农组织“全球减贫治理”项目（由欧共体供资）的范围内。

国家食品安全计划战略评估和规划

食品进出口检查及验证系统委员会已完成了关于“国家食品监管系统的原则和准则”的工作，并已在食典委第三十四届会议步骤 8（原则部分）和步骤 5/8（准则部分）中呈交。粮农组织则继续开展关于国家食品监管系统评估工具的工作。该工具旨在为评估国家食品监管系统提供一个便于使用的健全框架。该工具的主要用途是供各国采取具有结构性和透明度的可衡量的方式，评估其在食品监管方面的能力，确定能力发展的优先重点领域，衡量和评估某段时间内的进展情况。在此过程中，需要重点考虑整个系统的复杂性，以及为确保系统适当运行所应采取的多学科方法。

这一工具可用作自我评估，或在经过充分培训的协调者的帮助下使用。该工具目前不可供某一外部实体或贸易伙伴用于评估特定国家，或在不同国家间进行直接比较。但如果国家希望使用这一工具展示其监管情况，从而推动与贸易伙伴的对话，该工具有助于系统地收集和分析信息。该工具不受任何具体的国家立法和体制框架的约束，因此有助于推动监管文化或行政文化差异极大的国家开展对话。

正确使用该工具需要采取涵盖利益相关者的参与性方法。

作为初步举措，已对类似的工具进行了快速审查。作为第二步，粮农组织内部和外部的各工作组审查并讨论了用于构建该工具的不同方案。就工具的结构做出决定后，立即启动了各项指标的制定工作。预计将于 2013 年在自愿国家对该工具进行试点，以便制定一个综合工具包，其中包括评估流程和方法指南，以及辅助调查问卷。

用于支持采用风险分析方法制定基于证据的政策并做出食品安全决策的新材料

粮农组织正根据风险分析框架制定一系列材料，以支持各国制定基于证据的食品安全计划和政策。这包括在数据使用方面建议采取的原则和做法，以及包括知识集成方法在内的数据收集方法；风险预测、风险优先排序和等级划分。强调利用最佳现有证据为制定食品安全决定和政策提供信息的重要性。这些材料与食品安全决策者及为其提供建议的技术和科学专业人员尤其相关。此外，它们还将对培训者有所帮助。

风险预测：指导如何将风险预测作为一项独立的任务，或作为实现更完整的风险评估的一项初步举措予以开展。同时列出了风险预测的用途和益处。

数据筛选、收集和使用：包括指导如何根据不同的数据可得情况/获取方法以适当的方式确定、选择和评价数据，在此基础上评估食品安全风险，并做出风险管理决定以应对此类风险。这包括提供相关信息并开展风险预测、风险评估、风险等级划分和优先排序活动。

知识集成方法：本材料对知识集成进行了介绍，知识集成是一种可推广的结构化方法，用于确定、评价、描述和集成关于某一特定主题的全球知识。本材料为开展系统的审查元分析、范围审查和结构化快速审查提供了指导。采用知识集成方法可以提高食品安全风险评估和其他基于风险的工具的透明度、稳健性和可信度，并提高风险管理者对于过程和结果的信心。

风险优先排序和等级划分：在国际和国家两级采用了若干不同的方法，以便进行风险等级划分和优先排序。本材料列出了上述各种方法并解释了相关用途。基于对各类方法以及所取得经验的分析，将制定风险优先排序和等级划分的最佳原则，并就某些现有等级划分和优先排序工具的使用提供指导和相关案例。

这些材料将于 2013 年下半年通过粮农组织网站发布，并可供国家一级使用。

粮农组织/世卫组织为应对食品安全紧急情况而开展的工作

粮农组织和世卫组织继续协助各国处理食品安全紧急情况，包括出版全球适用的指导文件，并在国家一级开展后续工作，以加强各国的系统和能力。目前国家一级的活动包括在老挝人民民主共和国审查和更新国家食品安全应急预案。蒙古已完成了国家食品安全应急预案的制定工作。在斐济持续提供国家食品安全应急预案制定方面的技术援助。

粮农组织于 2012 年 6 月 27—28 日在泰国曼谷召开了主题为“制定国家食品安全应急预案—分享汲取的经验和教训”的区域会议。该报告可从以下网址获取：

http://www.fao.org/fileadmin/user_upload/agns/pdf/reports/Report_FSER_final.pdf。

粮农组织和世卫组织于 2012 年 11 月 27—30 日在大韩民国首尔召开了主题为“在亚洲加强国际食品安全管理机构网络与实施区域食品安全战略”的区域会议。粮农组织和世卫组织编制了 2011—2012 年国际食品安全管理机构网络活动报告，该报告将于 2013 年发布。

世卫组织在监控、检测和估测食源性疾病负担方面开展的工作

世卫组织通过全球食源性传染病网络，在国际和国家两级开设关于监控和检测食源性疾病及其他感染性肠道疾病的培训课程。在安提瓜和巴布达、中国、哈萨克斯坦、巴西、印度、海地和南非开展了培训活动。全球食源性传染病网络目前正在中国开展一个旨在加强沙门氏菌监控的项目，该网络计划将于 11 月在韩国开展关于抗菌剂耐药性的培训，旨在提高柬埔寨、老挝人民民主共和国、蒙古和越南这四个亚洲国家的能力。

全球食源性传染病网络正努力采取一项新的需求评估方法，通过培训、指导和针对性交流，重点关注能力建设活动。目前正在开展培训结束后的实施项目，包括综合监控

活动以及国家疾病负担研究等。同时在全世界推动开展基于实验室的综合监控，并推动人类卫生学科、兽医学科及与食品有关的学科开展部门间协作。目前，粮农组织和世卫组织正努力通过全球食源性传染病网络确定共同目标，及相辅相成地实现这些目标的方法，从而增进双方之间的合作。如需了解更多信息，请访问：www.who.int/gfn。

第 III 部分：未来重点

预警—适用于食品安全的快速警报系统

粮农组织和世卫组织正计划于 2013 年召开一次会议，以介绍、讨论和交流现有的知识、经验和标准做法，以及在用于确定和管理食品安全事件的预警监控智能系统中存在的空白，并在该领域为粮农组织/世卫组织成员国制定指导文件。会议旨在记录、分析并总结现有系统和工具的能力，以及影响开发及建立此类系统所需能力的背景因素。会议还将审议此类系统如何适应基本的食品安全监督基础设施和资源有限或缺乏的情况。

对改进的食品监管系统进行有效的风险交流—编制指南

粮农组织与世卫组织一起评估是否需要提供关于风险交流的更新的指南和培训材料，以便在国家一级加以利用。这项工作正在进行中，第一步是制定一份关于食品安全风险交流的公开现有知识清单。开展了结构化的快速审查，以便在风险分析范例和食品安全紧急危机的背景下确认、评估并分析现有的风险交流框架、准则及培训材料。审查结果与综合磋商进程（粮农组织内部的磋商，以及与关键合作者的外部磋商）将为开展上述举措后续阶段的工作提供信息，这些工作包括：可能更新和/或编制新的风险交流技术材料，以及开发培训包，以便支持各国发展在食品安全方面的风险交流能力。

辐射紧急情况发生后的食品安全问题：健康风险交流手册

世卫组织正在开发一种实用指导工具，以便向负责就有关辐射紧急情况的健康和食品安全问题开展交流的国家主管部门提供支持。该工具旨在促进向公众直接和/或通过媒体就食品安全问题进行风险交流。预计其他利益相关者（如辐射和/或食品安全方面的专家、开业医生、农业/工业/零售业/贸易协会的代表）也将发现这一工具的有用之处。福岛核电站事故发生期间及灾后，对风险交流战略指南提出了需求，该手册正可满足这一需求。

为管理食源性疾病风险而开展能力建设并开发需求评估工具

各国检测、控制及预防食源性疾病风险的能力有所不同。世卫组织支持各国建立基于风险的食品安全系统，西太平洋区域办事处已开发了一种在线需求评估工具。该工具

将有助于确认需求并进行优先排序，从而有针对性地开展能力建设工作。今后 6 个月将在若干国家试点使用这一工具，计划在明年最终完成对这一全球工具的开发工作。

该工具将为世卫组织确认在检测、控制及预防食源性疾病风险方法方面的能力建设需求奠定基础。能力建设对于确保世卫组织食品安全全球战略计划中描述的整个价值链中的食品安全而言至关重要。这也是国际卫生条例中提出的一项核心能力要求。

世卫组织将确保采取协调及战略性的方法开展能力建设，针对各国的具体需求开展活动，同时考虑需求评估的成果以及关于开发基于风险的国家食品安全综合系统的承诺和优先顺序。

利用区域总体膳食研究来评估食品中化学污染的情况

2014 年初将开展一项为期 3 年的新项目，期间尼日利亚、马里、喀麦隆和贝宁的相应部门将开展一项区域总体膳食研究，并以此为工具来评估食品中的化学污染情况。该项目由标准和贸易发展基金供资，并将由粮农组织提供技术支持。

非洲食品安全战略

粮农组织正致力于加强其战略方法和远景，通过编制一份食品安全战略“文件”来改善非洲的食品安全及质量状况。该文件将参照公共及私营部门关键利益相关者提出的意见，概述粮农组织在支持该区域建立食品安全及质量体系时的关键工作重点，以及与粮农组织开展合作的机制，并为捐助界提供一个亟需的资源筹集工具。目前正在进行初步讨论，以确定本文件中各成员国的需求及所需资源。

消费者教育

世卫组织与塞内加尔卫生部及临床研究及培训区域中心（CRCF）合作组织了一次研讨会，以便为达喀尔及该区域内的社区妇女领导人提供培训。通过学习“提高食品安全五要素”及“更安全的水果和蔬菜栽种五要素”，妇女们获得了从农场到餐桌的基本食品安全知识，进而在塞内加尔全国传播世卫组织发布的相关信息。在培训结束之际，各社区领导人宣布成立一个联盟来推广安全的食品处理行为，并着手制定一项行动计划。世卫组织拍摄了一部有关该研讨会的影片，其将用于推广食品安全教育，以便促进世界大部分地区的妇女在食品的生产及制备过程中发挥关键作用。正在为妇女制作一个教授“提高食品安全五要素”及“更安全的水果和蔬菜栽种五要素”的培训包。

海报和手册《更安全的水果和蔬菜栽种五要素：通过减少微生物污染促进健康》有英文、法文和西班牙语三个版本。在萨尔瓦多正在针对 3000 个家庭开展一项评价，以

评估腹泻病例的减少量，评价结果将于 2013 年底公布。世卫组织美洲区办事处/泛美卫生组织将与“泛美饥饿与营养联盟”开展合作，支持在秘鲁、玻利维亚和厄瓜多尔的阿尔蒂普拉诺高原推广安全的水果和蔬菜种植方法，该地区 70% 的农业劳动力为土著妇女。

世卫组织驻国家和区域办事处与各国主管部门合作开展“五要素”教育项目。迄今为止，超过 100 个国家实施了“提高食品安全五要素”教育项目。海报有 84 种语文版本，主要由各国主动进行翻译。世卫组织还一直在培训国际观察员，帮助其做好准备，开展监督工作，协助近期将举行大型集会活动的各国代表确保活动期间的食品安全，这项工作世卫组织大型集会跨部门小组观察员计划的一部分（大型集会活动包括 2014 年世界杯足球赛和 2016 年夏季奥运会等）。

FOSCOLLAB—食品安全数据和信息全球性平台

世卫组织食品安全、人畜共患疾病和食源性疾病部门于 2013 年 2 月启用了 FOSCOLLAB 这一全新数据和信息平台，以指导食品安全方面的风险评估和决策。FOSCOLLAB 通过整合不同来源的可靠数据，帮助克服及时评估此类关键来源的挑战。通过利用该平台，食品安全专家和主管部门能更好地进行风险评估和决策。
<http://www.who.int/foodsafety/foscollab/en/index.html>

支持使用鸡肉中弯曲杆菌和沙门氏菌控制风险管理工具的新培训材料

该粮农组织/世卫组织在线工具于 2012 年启用，现增加了西班牙文版。该工具载于 <http://www.fao.org/food/food-safety-quality/food-safety-quality/publications-tools/en/>，旨在促进各国根据食典委的《鸡肉中弯曲杆菌和沙门氏菌的控制准则》实施风险管理决定。应各国要求，正在编制材料，支持开展关于工具应用、数据需求和解读测试结果的培训，以促进在国家一级更好地使用该工具。

霉菌毒素检测抽样计划制定指导工具

去年，粮农组织就新开展的一项工作进行了报告，即调查是否可以制定一项工具来协助设计和描述粮食商品霉菌毒素检测抽样计划的效果。该工作还在进行中，目前粮农组织参与数据库及抽样工具原型的开发工作。上述原型将由一组霉菌毒素专家进行审查，他们将为完成该工具提供反馈及技术意见。粮农组织还继续与多个研究机构及其他国际组织开展合作，收集霉菌毒素污染数据。各国主管部门若有兴趣提供其监控和监测的霉菌毒素污染数据，可联系粮农组织食品安全和质量司，电子邮件：food-quality@fao.org。粮农组织将确保数据的保密性和匿名性。

第 IV 部分：粮农组织/世卫组织自食典委第三十五届会议以来发布的出版物及工具

- 世卫组织/粮农组织/世界动物卫生组织：《全球弯曲杆菌审查：世卫组织专家磋商会报告》，与粮农组织和世界动物卫生组织合作编制，2012年7月，荷兰乌特勒支（于2013年5月出版）
- 粮农组织/世卫组织：《国家食品回收系统制定及改进指南》，2012年，以英文、法文和西班牙文出版。该文件载于：
http://www.who.int/foodsafety/publications/fs_management/recall/en/index.html
- 粮农组织：《农药最大残留限量评价培训手册》。载于：
<http://www.fao.org/agriculture/crops/core-themes/theme/pests/pm/jmpr/jmpr-docs/en/>
- 粮农组织：《与原产地相关的产品及其发展潜力的确定：参与性库存清单编制办法》。2012年，以英文、法文和西班牙文出版。载于：<http://www.foodquality-origin.org/fileadmin/templates/olq/files/MethodologyEN.pdf>
- 粮农组织/世卫组织：《粮食和农业部门纳米技术风险评估和管理相关举措和活动的最新情况》。[将于2013年7月发布]
- 《更安全的水果和蔬菜栽种五要素：通过减少微生物污染促进健康》。海报和手册有英文、法文和西班牙文版本。
http://www.who.int/foodsafety/consumer/5keys_growing_safer/en/index.html
- 《预防食源性疾病：塞内加尔妇女正在行动》。英文版和法文版载于：
www.who.int/foodsafety/consumer/5keys/en
- 世卫组织非洲区域办事处：《国家食品安全政策及战略计划制定和执行准则》，布拉柴维尔，2012年。<http://www.afro.who.int/en/clusters-a-programmes/hpr/food-safety-and-nutrition-fan.html>
- 世卫组织非洲区域办事处：《世卫组织非洲区域食源性疾病综合监控手册》，布拉柴维尔，2012年。<http://www.afro.who.int/en/clusters-a-programmes/hpr/food-safety-and-nutrition-fan.html>
- 世卫组织非洲区域办事处出版了《非洲粮食、农业、营养与发展杂志》特别版。

第 V 部分：区域/国家项目/举措

在区域/国家一级开展了各类活动。附件1—6“区域/国家活动”和“在各国开展的项目/提供的直接援助”部分着重介绍了这些活动。相关信息载于：

<http://www.fao.org/food/food-safety-quality/home-page/en/>（粮农组织）和

<http://www.who.int/foodsafety/capacity/en/>（世卫组织）及食典网页。

一些活动与食品安全和/或质量完全相关，而另外一些活动中，食品安全是范围更广泛的项目的一部分。有关由食品法典信托基金资助的活动信息载于文件 CX/CAC 13/36/14。

Annex 1

AFRICA
REGIONAL/NATIONAL EVENTS

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
WHO Global Food Infections Network refresher training course of laboratory-based foodborne disease surveillance for microbiologists and epidemiologists from East and West Africa-	AFRO/WHO +GFN	July 2013	Kenya
Organization of pre-CCAFRICA workshop on National Food Control systems, supported by the Codex Trust Fund	FAO/WHO	28 January 2013	Yaoundé, Cameroon
Third sub regional training course for UEMOA countries on risk analysis (national risk based control programmes) supported by the Codex Trust fund	FAO/WHO	4-6 June 2013	Cotonou, Benin
WHO Global Food Infections Network training course in laboratory-based foodborne disease surveillance for microbiologists and epidemiologists from southern Africa	AFRO/WHO, CDC+GFN	13-17 May 2013	Johannesburg, South Africa
Technical support for the Better Training for Safer Food Initiative and the UEMOA project on harmonization of food hygiene regulations (WHO/AFRO/AU/EU)	WHO/AFRO/AU/EU	Ongoing	Regional
National workshop of the study “Nanotechnology-Enabled Water Treatment for improved Food Safety and Public Health”	FAO/ Rice University	December 2012	Mbabane, Swaziland
FAO/WHO Workshop on facilitating increased private sector involvement in preparing national and regional positions on Codex issues within EAC partner states	FAO/WHO	5-7 December 2012	Dar-es-salaam, Tanzania
FAO training course in food safety on improvement of food security in cross-border districts of Burundi, DRC, Rwanda and Uganda in support of modernization of agriculture under the NEPAD/CAADP framework	FAO	8-10 May 2012	Kigali, Rwanda
FAO’s workshop in support to ONE HEALTH REGIONAL APPROACH: Towards integrated and effective animal health-food safety surveillance capacity development in Eastern Africa using the principles of One health approach	FAO	23-24 January, 2013	Entebbe, Uganda

PROJECTS/DIRECT ASSISTANCE TO COUNTRIES

Summary of activities	Countries	Status
FAO and WHO continued their technical assistance activities in strengthening national Codex Committees, and biosecurity systems, capacity building of national food control systems and food safety programmes, and to enhance trade performance (complying with SPS), organization of training courses in risk analysis, as well as training for street food vendors, assistance in foodborne disease surveillance and hazard monitoring programmes, development of guidelines for food safety and the prevention and control of biological and chemical hazards of food products through the application of Good Practices along the production chain, development of pilot educational initiatives using the Five Keys to Safer Food.	Benin, Burkina Faso, Cameroon, Chad, Cape Verde, Cote d'Ivoire, Ethiopia, Gabon, Gambia, Ghana, Guinea, Kenya, Lesotho, Liberia, Mali, Mauritius, Mauritania, Niger, Nigeria, Senegal, Seychelles, South Africa, Tanzania, Togo, Uganda and Zambia.	On going
Countries were support to strengthen foodborne disease surveillance though support to review the training modules on foodborne disease surveillance; to conduct evaluation of the analytical capacities of food control laboratory and elaboration of procedural manual	Guinea, Mauritania, Mozambique, South Africa, Lesotho, Senegal and Tanzania	Completed in Guinea, Mauritania, Mozambique, and South Africa. Ongoing effort to strengthen foodborne disease surveillance systems in Lesotho, Senegal and Tanzania
Evaluation of food safety programmes and food control systems for development of policies and national strategic plans (WHO/AFRO)	Benin, Burkina Faso, Chad, Republic of Congo, Gabon, The Gambia, Ghana, Guinea, Kenya, Liberia, Seychelles, Uganda, Mali	Completed in all the countries except in Mali on going.
WHO and partners supported in the finalization or drafting of their national food safety policies	Gabon, Gambia, Guinea, Kenya and Uganda	2011-2012
WHO supported to strengthen laboratory diagnostic capacity	Mauritius	2012-2013
WHO and partners supported the elaboration of national food safety action plans	Burkina Faso and Liberia	2011-2012
Research on enteric pathogens from human, animal and food sources including antimicrobial resistance (WHO + GFN)	Burkina Faso, Cameroon, Chad, Ethiopia, Ghana, Kenya, Nigeria, Senegal, Seychelles, Uganda, and Zambia	Kenya study completed but rest ongoing

Summary of activities	Countries	Status
WHO Five Keys to Safer Food, The Three Fives and Healthy Food Market Initiatives (WHO/AFRO/UNICEF/ FAO)	Gabon towards African cup of Nations (2012); Healthy Food Market Congo, Cape Verde; Cote d'Ivoire; Democratic Republic of Congo, Ethiopia; Chad; Gabon, Gambia; Ghana; Guinea, Mali Mauritius; Mauritania; Sierra Leone; Senegal; Niger and Togo; The Five keys to Safer Food messages incorporated in the New WHO Growth Chart of Benin jointly with UNICEF;	Gabon, Benin and Senegal completed, the rest on going
Elaboration of an integrated training module on the management of acute malnutrition and food hygiene	Cote d'Ivoire and Mauritania. Trainings for health workers and clinicians were conducted in Cote d'Ivoire, Gambia Mauritania and Senegal.	Completed.
Organized a series of trainings of food inspectors and laboratory technicians in food control (HACCP) and surveillance of food borne diseases. (WHO/AFRO)	Guinea	Completed
Ongoing project to promote nutrition and food hygiene through the nutrition friendly schools initiative. (WHO/AFRO/HKI/ University of Montreal)	Burkina Faso	Ongoing project to promote nutrition and food hygiene through the nutrition friendly schools initiative. (WHO/AFRO/HKI/ University of Montreal)
Elaboration and implementation of food safety and nutrition tools for schools	Mali, Benin	Completed
Assessment of hygiene practices of 83 schools, 17 markets and 79 food establishments in vulnerable districts of Mali and elaboration of food safety education programme for these settings. (WHO)	Mali	Completed
WHO supported the strengthening of the National Codex Committee	Benin	2012-2013
Strengthening the national SPS legal framework, and strengthening national Codex committees, under the FAO- TCP programme, and follow up under One programme in collaboration with WHO and UNIDO	Cape Verde	TCP closed in 2011; TCP-F ongoing and one UN programme n pipeline.
Formulation of FAO TCP projects on strengthening National Codex Committee as well as strengthening the regulatory framework for	Republic of Congo and Guinea Bissau	Pipeline

Summary of activities	Countries	Status
food control		
FAO TCP project to support the CC Africa coordination, as well as the national Codex committees in specific Central African countries	Cameroon, Gabon and Central African Republic	Approved – initiated
FAO TCP programme to strengthen capacities in Risk analysis	Mali	Approval stage
FAO project on <i>‘Improving Food safety Management in Tanzania’</i> (UNJP/URT/138/UNJ)	Tanzania	Ongoing
Phase 3 of the ‘Training of Trainers’ initiative under the FAO project on ‘Improving Food safety Management in Tanzania’ (UNJP/URT/138/UNJ). The aim was to: (1) Assess trainees’ progress in the practical application of the knowledge acquired in previous training sessions; (2) Assess records and impacts of food safety training activities based on site visits, a ‘Practical Training Logbook’ and other evidence of activities undertaken by trainees; (3) Identify challenges and areas for improvement and; advise, provide one to one training and mentor trainees - to enhance individual (and institutional) capacities to plan and implement training activities.	Dar es salaam, Zanzibar, Pemba, Dodoma, Arusha, Mbeya, Kigoma, Morogoro, Moshi (Tanzania)	03 April – 06 May 2013
Launch workshop and inaugural meeting of the Inter-agency Task Force (TF) on AMR (13 November 2012). FAO/WHO	Nairobi, Kenya	13 November 2012
Policy and stakeholders’ workshops to review policy recommendations and good practice guidelines developed from the pilot initiative on food borne pathogen contamination and AMR - under the project on ‘Improving food safety in the meat (poultry, pork and beef) value chains’. FAO/WHO	Nairobi, Kisumu, Mombasa (Kenya)	3 – 8 June 2012
FAO/ WHO project on “Nanotechnology-Enabled Water Treatment for improved Food Safety and Public Health”	Swaziland	concluded in December 2012

Summary of activities	Countries	Status
Capacity building for south African professionals in food safety, in collaboration with the Department for Agriculture, Forestry and Fisheries (FAO project)	South Africa	ongoing
Technical support to African Pesticide Data Generation Project (STDF/PG/359) for strengthening regional capacity to meet pesticide export requirements based on international standards (Codex MRLs)	Benin, Cameroon, Mali, Ghana, Kenya, Senegal, Tanzania, Uganda, Zambia	2013-2015
FAO TCP project « Formulation d'une réglementation régionale sur la sécurité sanitaire des animaux en Afrique centrale »	CEMAC countries	ongoing
FAO/WHO Data Collection project on contamination of sorghum by mycotoxins, supported by the Codex Trust Fund	Burkina Faso, Ethiopia, Mali, Sudan	ongoing
TCP/KEN/3402 - Support for the Dissemination of Pre- and Post-Harvest Technologies for Management of Aflatoxin Contamination of Maize in Kenya for improved health and income.	Kenya	Started in May 2013
Strengthening risk-based food control in Sub-Saharan Africa: implementation of a regional Total Diet Study as a tool to assess food chemical contamination. An STDF funded project.	Nigeria, Mali, Cameroon and Benin	2014 -16

Summary of activities	Countries	Status
FAO TCP “Ensuring the provision of safe and quality street food for better public health”	Cote D’Ivoire, Mali and Chad	The approval process is ongoing
FAO project to test the application of multi criteria approach for evidence-informed food safety decision making. GCP/INT/130/EC Global Governance for hunger Reduction	Uganda (pilot country)	Ongoing
Technical and financial assistance to the Ghana Health Service (GHS) in implementation of the Guidelines and Standard Operating Procedures with regard to food safety management through revision of the food safety component of the GSOP to ensure compliance with the Codex Code of Hygienic Practices for pre – cooked and cooked foods in Mass Catering (CAC/RCP 39-1993) and relevant Codex Codes of Hygienic Practice.	Ghana	On-going
WHO and FAO technical and financial assistance for development of National Food Safety Policy for Ghana	Ghana	On-going
MTF/GHA/033/STF "Developing a combined e-Learning Curriculum and Information Platform on Food Standards as a Contribution to Up-grading Food Quality and Safety Assurance Systems in Developing Countries"	Ghana	On-going
WHO supported countries in the Horn of Africa and the Sahel Region and others to address the health impact of the food crisis and other emergencies	Angola, Burkina Faso, Chad, Ethiopia, Kenya, Uganda, Mali, Mauritania, Niger, Nigeria, Senegal, Gambia. Guinea	On-going

Annex 2

**ASIA AND THE PACIFIC
REGIONAL/NATIONAL EVENTS**

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
Regional Consultations/ Workshops/ Seminars/ Meetings			
Regional Meeting on "Developing National Food Safety Emergency Response Plans - Sharing Experiences and Lessons Learnt	FAO in collaboration with FSOC, MoH, Thailand	27 & 28 June 2012	Bangkok, Thailand
Regional training on Implementing GAP in Fruit and Vegetable Sector, its Certification and Accreditation	FAO in collaboration with WHO	3-7 September 2012	Bangkok, Thailand
Regional consultation/forum on sustainable aquaculture intensification	FAO/APFIC, NACA	9 October 2012	Bangkok, Thailand
Regional Consultation Workshop on Guidelines for Development of Food Safety Policy for countries in Asia	FAO with support of WHO, FSOC, MoH, Thailand	17-19 December 2012	Bangkok, Thailand
Regional Workshop on Strengthening Urban & Peri-urban Agriculture towards Resilient Food Systems in Asia	FAO in collaboration with PNSAF, India	28-30 January 2013	Bangkok, Thailand
Regional Inception Workshop: Principles and further activities for CODEX implementation- "Support to Capacity Building and Implementation of International Food Safety Standards in ASEAN Countries" (GCP/RAS/280/JPN)	FAO, with support of WHO	17-19 September 2012	Bangkok, Thailand
Training Workshop: Food recall and traceability -Application in National food safety control-	FAO	15 -17 February 2013,	Chiang Mai , Thailand
Technical workshop on Chemical Risk Analysis in the Food Chain	FAO/WHO with support of Codex Trust Fund	13-16 March 2013	Beijing, China
Regional Training Course "Strengthening Capacity in Data Collection and Generation for Food Safety Risk Analysis"		10-13 June 2013	Tokyo, Japan

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
Technical Training on Risk Analysis for SAARC Countries	FAO in collaboration with QCI, India	7-21 June 2013	Delhi, India
‘Regional Workshop for Asian Countries on food hygiene and safety at the retail end’	FAO/WHO in collaboration with National Environment Agency Singapore	12-14 September 2014	Singapore
Training regional workshop on “Understanding Codex regional standards”	FAO/WHO	November 2012	Tokyo, Japan
Regional Workshop on “Selection and application of methods for detection and enumeration of human pathogenic <i>Vibrio</i> spp in bivalve molluscs”	FAO/ILSI/Nanyang Polytechnic, Singapore	Nov 19-23, 2012	Singapore
Investigation of <i>Vibrio Cholerae</i> through whole genome sequencing	WHO	Ongoing	NA
Guideline development on data requirements for evidence based policy	WHO	Ongoing	NA
Laboratory and foodborne disease surveillance assessment tool development and implementation	WHO	Ongoing	NA
National food safety profile development	WHO	Ongoing	NA
Joint FAO/WHO Food Standards Programme FAO/WHO Coordinating Committee for Asia (18 th session)	FAO/WHO	5-9 November, 2012	Tokyo, Japan
Regional meeting of food safety programme managers	WHO/SEARO	November 2012	Colombo, Sri Lanka
Country Activities			
FAO/WHO MEETING ON UTILIZING RISK-BASED APPROACHES IN NATIONAL FOOD CONTROL SYSTEMS IN THE PACIFIC	FAO & WHO	5-9 December 2011	Wellington New Zealand

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
National Workshop on management of histamine problem in tuna and other large pelagic fish species	FAO	23-25 August, 2012 10-11 November, 2012 9-10 January, 2013	Kochi, India Shiraz, Iran Karachi, Pakistan
Meeting on Enhancing INFOSAN in Asia and Implementation of Regional Strategies - The first global meeting of INFOSAN (held in 2010) agreed to the development of regionally-based strategies for enhancing participation in INFOSAN. Building on this agreement and further discussions held during the 2011 meeting in Seoul by the Korea Food and Drug Administration (KFDA), with support from WHO and FAO, a regionally-based strategy for enhancing participation in INFOSAN across Asia was discussed and approved.	FAO/WHO/KFDA	27-30 November 2012	Seoul, Korea
WHO GFN Training Course	WHO/WPRO	10-12 September 2012	Xiamen, China
WHO GFN Training Course	WHO/SEARO, CDC	11-12 February 2013	Delhi, India
WHO GFN Training Course	WHO/SEARO, CDC	14-16 February 2013	Kolkata, India (NICED)
WHO GFN Training Course	WHO/SEARO, CDC	10-12 April 2013	Chennai, India
WHO GFN Training Course	WHO/SEARO, CDC	15-17 April 2013	Manipal, India

PROJECTS/DIRECT ASSISTANCE TO COUNTRIES

Summary of activities (which were referenced in the last paper for 33rd Session)	Countries	Status
FAO /WHO continued their technical assistance activities in the region: enhancing food safety by strengthening national food control systems. Components of activities include; technical support to enhancing food safety policy, management and regulatory framework; strengthening of national Codex committees, strengthening of foodborne disease and food contamination surveillance/monitoring; training for food inspectors, Regional food policy and advisory technical assistance; formulation of project proposals on food quality control.	Afghanistan, Bangladesh, Bhutan, Cambodia, China, India, Indonesia, Iran, Lao People's Democratic Republic, Malaysia, Maldives, Mongolia, Nepal, Philippines, Sri Lanka, Thailand, Timor-Leste, Vietnam	Ongoing
Support to Capacity Building and Implementation of International Food Safety Standards in ASEAN Countries GCP/RAS/280/JPN	ASEAN countries	Ongoing (started January 2012) for 5 years
Accelerating the Implementation of the Core Agriculture Support Program (CASP) (RETA6521), Component 1 Biotechnology and Biosafety Initiative:	GMS countries	Completed
Improving Food Safety in Bangladesh (GCP/BGD/047/NET)	Bangladesh	Ongoing
Promotion of rural development through development of Geographical Indications at regional level in Asia GCP/RAS/281/FRA. FAO project to strengthen capacity building on geographical indications at national and regional levels, supported by French Trust Fund.	Thailand, Vietnam, Cambodia, Laos	Ongoing
Policy assistance for bio-secure agro-food supply chain for enhanced market access & food security for small holding rural sector TCP/NEP/3402	Nepal	Ongoing
Technical Assistance for the development of the SPS related legal	Lao PDR	Completed

Summary of activities (which were referenced in the last paper for 33 rd Session)	Countries	Status
framework in the Lao PDR (UTF/LAO/018/LAO)		
Enhancing Sanitary & Phytosanitary capacity of ginger exports through PPP MTF/NEP/068	Nepal	Ongoing
Enhancement of Laboratory Capacity on Food Safety in Primary Production (TCP/THA/3305).	Thailand	January 2011 till December 2012
Capacity Building for the Food Inspection System in Vietnam (UNJP/VIE/042/UNJ)	Vietnam	Completed
Strengthening Vietnamese SPS capacity for trade ‘Improvement of safety and quality of fresh vegetables through the value chain approach’ (MTF/VIE/046/STF)	Vietnam	Completed
Strengthening Capacity of Mongolia to Implement Codex TCP/MON/3401	Mongolia	April 2012 to March 2014
Strengthening of Food Safety and Standards in Bhutan (TCP/BHU/3401). FAO lead project with input from WHO.	Bhutan	April 2012 to March 2014
Capacity building to improve market access for fish and fishery products” (FAO TCP/MYA/3401)	Myanmar	March 2012-August 2013
FAO/WHO project on “ Control of microbial and antimicrobial resistance (AMR) hazards along the poultry chain, in Cambodia”	Cambodia	Ongoing
Technical support to ASEAN Pesticide Data Generation Project (STDF/PG/337) for strengthening regional capacity to meet pesticide export requirements based on international standards (Codex MRLs)	ASEAN countries	2012-2014
FAO and WHO, in collaboration with the National Agro Forestry-Fisheries Quality Assurance Department (NAFIQAD) of the Government of Vietnam are implementing WHO AGISAR (Advisory Group on Integrated Surveillance of Antimicrobial Resistance) project piloting the surveillance of antimicrobial resistance in catfish aquaculture system in Vietnam. The target bacteria for this surveillance would include both native aquatic	Vietnam	October 2012

Summary of activities (which were referenced in the last paper for 33rd Session)	Countries	Status
bacteria as well as enteric bacteria from human/animal system entering aquatic environment that serves as water source for aquaculture. A capacity building workshop was held in October 2012.		
Assessment of foodborne disease surveillance, response and laboratory capacities and development of a plan of action	Cambodia, Lao PDR, Viet Nam	Completed
WHO National Workshop in Bangladesh National Food Safety Emergency Response Planning	Bangladesh	Completed
Workshop on Food Inspection Arrangements in Bangladesh	Bangladesh	
Consultative Meeting on Improvements of the Curriculum for Diploma in Medical Technology (Sanitary Inspectorship Training) Course	Bangladesh	Completed
Three Workshops on Improvements of the Curriculum for Diploma in Medical Technology (Sanitary Inspectorship Training) Course	Bangladesh	Completed
Refresher training course for analysis (chemist and microbiologists)	Bangladesh	Completed
Training course on advance instrumental methods of food analysis	Bangladesh	Completed
Training course on drug residues analysis	Bangladesh	Completed
Training course on microbiological examination of food and food products	Bangladesh	Completed
Training on food microbiology	Bangladesh	Completed
Seminar of quality assurance in food testing laboratories of Bangladesh	Bangladesh	Completed

Summary of activities (which were referenced in the last paper for 33rd Session)	Countries	Status
Workshop on the food safety management system in food industry sector	Bangladesh	Completed
Stakeholders' workshop on strengthening of food safety and standards in Bhutan	Bhutan	Ongoing
Consultation on the Western Pacific Regional Food Safety Strategy 2011-2015	Cambodia	Completed
Basic food safety and foodborne disease outbreak response training for provincial health officers responsible for food inspection	Cambodia	Completed
Provision of food inspection equipment	Cambodia	Completed
Study on strengthening foodborne disease surveillance in Qingdao	China	Completed
Study on food chemical risk in Guangxi	China	Completed
Implementation of healthy food market projects	China	Completed
Capacity building in food inspection and food safety training for food businesses	China	Ongoing
Food safety IEC activities targeting at rural women and children	China	Ongoing
Strengthening on food safety emergency response systems and food complaint systems at county level in selected provinces	China	Ongoing
Development of food safety profiles for selected provinces	China	Ongoing
GFN enhanced Salmonella surveillance	China	Ongoing

Summary of activities (which were referenced in the last paper for 33rd Session)	Countries	Status
Workshop and training on chemical and microbiological analysis of foods	India	Completed
Workshop on strengthening safety and quality in the food retail chain	India	Completed
Technical assistance for the development of the SPS related legal framework in the Lao PDR (UTF/LAO/018/LAO)	Lao PDR	Ongoing
Consultation on the Western Pacific Regional Food Safety Strategy 2011-2015	Lao PDR	Completed
Capacity building in risk-based food inspection	Lao PDR	Ongoing
Provision of food inspection equipment	Lao PDR	Ongoing
Assistance in the development of food law	Lao PDR	Ongoing
Dissemination of food safety consumer education materials	Lao PDR	Ongoing
Review and update of the national food safety emergency response plan	Lao PDR	Ongoing
Assistance in preparation for undertaking burden of foodborne disease study	Malaysia	Ongoing
Assistance in strengthening laboratory capacities in isolating pathogens associated with powdered infant formula	Malaysia	Ongoing

Summary of activities (which were referenced in the last paper for 33rd Session)	Countries	Status
Consultation on the Western Pacific Regional Food Safety Strategy 2011-2015	Mongolia	Completed
Capacity building in risk-based food inspection	Mongolia	Completed
Stakeholder workshop on strengthening capacity of Mongolia to implement Codex	Mongolia	Completed
Assistance in the development of food law	Mongolia	Completed
Support for development of the national strategy for food safety for 2012-2016	Mongolia	Completed
Development of a national food safety emergency response	Mongolia	Completed
Strengthening capacity of the National CODEX Committee, development of associated strategy and action plan, and support for translation and harmonisation of CODEX standards	Mongolia	Ongoing
Support for defining of core capacity of food safety inspectors and develop postgraduate training programme on food safety	Mongolia	Ongoing
Revision of regulation on surveillance of foodborne diseases and support for associated national training	Mongolia	Completed
Capacity building for INFOSAN in Mongolia	Mongolia	Ongoing
Food safety integrated into environmental health training for primary health care providers (five day training programme developed and training provided in selected rural provinces)	Mongolia	Ongoing
Support for study of training needs of food handlers and processors and development of mandatory training program	Mongolia	Ongoing

Summary of activities (which were referenced in the last paper for 33rd Session)	Countries	Status
Awareness raising on food safety and public education (five keys to safer food)	Mongolia	Ongoing
Assistance in strengthening laboratory capacities in isolating pathogens associated with powdered infant formula	Philippines	Ongoing
Assistance in developing food law	Philippines	Completed
National workshop in Thailand: "National food safety emergency response planning"	Thailand	Completed
Stakeholders' final workshop on capacity building for the food inspection system in Viet Nam	Viet Nam	Completed
Piloting surveillance for antimicrobial resistance (AMR) in aquaculture sector in Viet Nam	Viet Nam	Ongoing
Consultation on the Western Pacific Regional Food Safety Strategy 2011-2015	Viet Nam	Completed
Knowledge, awareness and practices of food-handlers and managers of food safety at large canteens in Southern Viet Nam	Viet Nam	Ongoing
Support for three dissemination workshops to introduce the new law on food safety and hygiene and associated legislation/directives	Viet Nam	Completed
Development of the decree detailing the implementation of the new law on food safety	Viet Nam	Completed
Microbiological risk assessment guidance development and support for the establishment of the task force on food safety risk assessment	Viet Nam	Completed
Laboratory capacity building at provincial and national levels	Viet Nam	Ongoing

Summary of activities (which were referenced in the last paper for 33rd Session)	Countries	Status
Facilitation of participation in foodborne disease related external quality assurance programmes (EQAS) and support for the development of a national PT programme	Viet Nam	Ongoing
Assistance in food recall, rapid alert system, horizon scanning and in-country INFOSAN membership	Viet Nam	Ongoing
Assistance in imported food control	Viet Nam	Ongoing
Development of IEC materials to prevent food poisoning	Viet Nam	Ongoing

Annex 3

EUROPE
REGIONAL/NATIONAL EVENTS

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
Training workshop “Capacity development in Microbiological Food Safety Risk Assessment for CIS countries”	FAO Regional Office for Europe and Central Asia	14-18 March 2012	Budapest, Hungary
Regional Workshop on Code of Good Management practices for Central Asian Aquaculture	FAO	8-9 May, 2012	Bishkek, Kyrgystan
The 6 th Meeting of the UNU/SCN Network for Capacity Development in Nutrition in Central and Eastern Europe (NCDNCEE)	NCDNCEE event supported by FAO, UNU, EC	25-26 May 2012	Belgrad, Serbia
National workshop on food and water safety	WHO EURO	11 – 13 June 2012	Ashgabat, Turkmenistan
Joint Albania/Montenegro Workshop on bivalve safety management	FAO	26-28 June, 2012	Saranda, Albania
Regional training workshop “Fifty years of Codex: achievements, lessons learnt and challenges in the European Codex Region”	FAO/WHO	24 September 2012	Batumi, Georgia
Developing Capacities of New Member Countries from Central Asia sub-region to Participate in Codex Activities	FAO/WHO	09-11 October 2012	Bishkek, Kyrgyz Republic
WHO sub-regional GFN Training Course for Central Asian Republics	WHO/EURO/ US Centres for Disease Control and Prevention (CDC)	5-9 November 2012	Almaty, Kazakhstan
National meeting on antimicrobial resistance from a food safety perspective and “kick off” of AGISAR (WHO Advisory Group on Integrated Surveillance of Antimicrobial Resistance) project in Kosovo	WHO EURO	30 November 2012	Pristina, Kosovo

Regional food composition database development for South-East Balkan countries	FAO/ NCDNCEE	21-23 January 2013	Belgrade, Serbia
Training course on strengthening capacities for effective participation in Codex work for Turkmenistan	FAO/WHO	24-25 January 2013	Ashgabat, Turkmenistan
FAO/WHO Joint Regional Meeting in preparation for the Second International Conference on Nutrition (ICN2)	FAO/WHO	13 March 2013	Tel Aviv, Israel
National laboratory training course in Tajikistan under the framework of GFN	WHO EURO	20 -24 May 2013	Dushanbe, Tajikistan
Training workshop on strengthening capacities for effective participation in Codex work for the Balkan countries, supported by the Codex Trust Fund	FAO/WHO	04-06 June 2013	Zagreb, Croatia

PROJECTS/DIRECT ASSISTANCE TO COUNTRIES

Summary of activities (which were referenced in the last paper for 34^r Session)	Countries	Status
FAO/WHO continued their technical assistance activities in the region, in food safety capacity development – strengthening food safety systems in line with international and EU standards and requirements by addressing the following areas: adequacy of food law and harmonized food standards, surveillance of foodborne disease, monitoring of microbiological and chemical contamination in the food chain, preparing FBOs for the implementation of food safety systems based on GMP,GHP and HACCP, antibiotic resistance in a food safety perspective, alert and response to food safety emergencies	Albania, Croatia, Azerbaijan, Tajikistan, Kazakhstan, Kyrgyzstan, Moldova, Montenegro, Serbia, Tajikistan, Turkey, Turkmenistan, Uzbekistan	Ongoing
WHO and the Italian Ministry of Foreign Affairs – Directorate General for Development Cooperation continued their implementation of a project strengthening the food safety infrastructure in Albania. The project began in April 2009 and was completed with the end of May 2013. The overall aim of the project is to support the development of the Albanian food safety system in line with EU standards, specifically by establishment of suitable food laboratory structures in order to safeguard public health and support the trade of Albanian food products.	Albania	Finishing 31 May 2013
<p>New activities of particular importance include:</p> <p>Development of open air food retail markets in Armenia</p> <p>Strengthening of Food Safety Agency to meet the international market requirements for fish and fishery products</p> <p>Support to strengthening food safety system in Moldova in line with EU and international requirements in selected areas</p> <p>Capacity development in food safety risk management of food processing enterprises and national authorities</p>	<p>Armenia</p> <p>Georgia</p> <p>Republic of Moldova</p> <p>Kyrgyz Republic and Republic of Tajikistan</p>	<p>June 2012-August 2013</p> <p>May 2013-April 2015</p> <p>2013-2015</p> <p>May 2013-April 2014</p>

Support to rural development through implementation of Geographical Indications in Ukraine	Ukraine	Project document formulated
Improving capacities to eliminate and prevent recurrence of obsolete pesticides as a model for tackling unused hazardous chemicals in the former Soviet Union	Regional: Armenia, Republic of Azerbaijan, Republic of Belarus, Republic of Georgia, Republic of Kazakhstan, Kyrgyz republic, Republic of Moldova, Republic of Regional Europe Russian Federation, Republic of Tajikistan, Republic of Turkmenistan, Ukraine, Uzbekistan	01 Jan 2012 – 31 Dec 2015

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

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
National workshop “Hygienic food handling” for small rural food producers	FAO	23 - 24 November 2012	Concepción, Chile
National TCPF for Cuba to implement a national strategy for the implementation of food safety risk analysis TCPF/CUB/3401	FAO		Cuba
Sensitization Workshop for the CAHFSA Board members as part of a technical mission requested by CARICOM. Participating countries: Barbados, Guyana, Trinidad and Tobago	FAO/AGCI	16 April 2013	Georgetown, Guyana
Subregional Workshop on Comprehensive Disasters Management and Risk Reduction Plans in the Caribbean to address Nutrition and Food Safety issues, for institutions involved in emergencies, nutrition and food safety at the national level (e.g. Ministries of Health, Agriculture, Environment, Welfare, National Nutrition Institutes, Civil Protection, NGOs etc.). Expected results include the revision disaster management and risk reduction national plans, the preparation of action plans to effectively address food safety and nutrition in emergencies and the establishment of an active network among neighbour countries	PAHO/WHO	11-15 November 2013	Port-of-Spain, Trinidad & Tobago
Development of guidelines for intersectoral collaboration between animal and public health sectors on surveillance for food borne and zoonotic diseases.	PAHO/WHO	Ongoing 2013	Subregional Caribbean
WHO GFN Training Course	PAHO/WHO	26-30 November 2012	Brasilia, Brazil
WHO GFN Training Course	PAHO/WHO	4-5 April 2013	Port au Prince, Haiti
National workshops with staff from MoH and MAG in various Caribbean countries for enhanced surveillance for	PAHO/WHO	Ongoing 2013	Subregional Caribbean

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
acute gastroenteritis, detection of pathogens, timely notification and investigation of outbreaks. Jointly with the subregional public health and animal health agencies CARPHA-CAHESA			
Subregional One Health workshop to inform senior decision makers in environmental, agricultural and health sectors of One Health approach and to design a subregional One Health project. The workshop is a collaboration between PAHO/WHO, the Public Health Agency of Canada, the Canadian Food Inspection Agency, USDA-APHIS, the OIE and FAO.	PAHO/WHO	February 28 – May 1 2013	Port-of-Spain, Trinidad & Tobago
Pre CCLAC Workshop: Risk management to reduce food safety and quality problems within national food control systems, supported by the Codex Trust Fund	FAO, PAHO/WHO	November 18	San Jose, Costa Rica
Subregional workshop for integrated FBD Surveillance (WHO GFN-VII) conducted by CAREC in collaboration WHO, PAHO and the CDC, to review the status, impact and gaps in country-specific integrated FBD surveillance activities and develop measures to improve sustainable integrated surveillance systems; review the outcomes of the burden of foodborne illness studies and translate the knowledge into recommendations for guiding policy to improve FBD surveillance and food safety; and to continue to foster intersectoral collaboration between epidemiology and laboratory based FBD surveillance and human health, veterinary, and food-related disciplines.	PAHO/WHO	July 9-12, 2012	Antigua and Barbuda
Workshop for the staff of the National Institute of Health of Colombia on the burden of foodborne diseases: conceptual framework, methodologies, case studies, sharing experiences with other countries. An output of the workshop was to develop activities in the determination of the burden of foodborne diseases. This activity was financed through an agreement between FAO and the Colombian Ministry of Health	PAHO/WHO	10-13 November 2012	Bogotá, Colombia

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
Webinar on International Health Regulations (IHR) and INFOSAN. Spanish language, with 210 participants from 20 countries (Argentina, Bolivia, Brasil, Chile, Colombia, Costa Rica, Cuba, Ecuador, El Salvador, Estados Unidos, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Perú, Dominican Republic, Uruguay, Venezuela).	PAHO/WHO	December 14, 2012	Regional
Webinar on management of equipment, their records and non-conformities, according to ISO 17025: 2005. Spanish language, with 438 participants from 18 countries (Argentina, Bolivia, Brasil, Chile, Colombia, Costa Rica, Cuba, Ecuador, El Salvador, Honduras, Mexico, Nicaragua, Panama, Paraguay, Perú, Dominican Republic, Uruguay, Venezuela).	PAHO/WHO	November 28 – 30, 2012	Regional
Webinar on uncertainty calculation for quantitative microbiological testing - Experience of SENAI/SC – Brazil. Portuguese language, with 171 participants from 17 countries (Argentina, Bolivia, Brasil, Chile, Colombia, Cuba, Ecuador, El Salvador, Honduras, Mexico, Nicaragua, Panama, Paraguay, Perú, Dominican Republic, Uruguay, Venezuela).	PAHO/WHO	August 01, 2012	Regional
Webinar on uncertainty calculation for quantitative microbiological testing. Spanish language, with 397 participants from 19 countries (Argentina, Bolivia, Brasil, Chile, Colombia, Costa Rica, Cuba, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Perú, Dominican Republic, Uruguay, Venezuela).	PAHO/WHO	June 14 - 15, 2012	Regional
Webinar on microbiological criteria for food safety in Europe. Spanish language, with 287 participants from 19 countries (Argentina, Bolivia, Brasil, Chile, Colombia, Costa Rica, Cuba, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Perú, Dominican Republic, Uruguay, Venezuela).	PAHO/WHO	May 23, 2012	Regional
6th Meeting of the Pan-American Commission on Food Safety, with the participation of representatives of the	PAHO/WHO	24 July 2012	Santiago, Chile

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
ministries of health and agriculture, industry, consumers associations of the 5 sub regions of the Americas			
Regional Forum on Integrated public health and agriculture surveillance, including antimicrobial resistance. Participation of the public sector (health and agriculture), private sector, research and education of the region	PAHO/WHO	25 July 2012	Santiago, Chile
6 th General Assembly of the Inter American Network of Food Analysis Laboratories (INFAL), 35 participants representing 18 countries (Argentina, Bolivia, Brazil, Chile, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay and Venezuela). The purpose was to evaluate the activities of the executive committee and technical groups, preparing action plan and election of the executive committee members and facilitators of the technical groups for the biennium 2013-2014.	PAHO/WHO	October 23-26, 2012	Guayaquil Ecuador
National workshop in Burden of Disease for Foodborne Diseases	PAHO/FAO PAHO	23-25 October 2012 17 -19 December 2012	Bolivia Colombia
National workshop for the national normative in Foodborne Diseases Surveillance	PAHO	17-18 September 2012	Panama
Foodborne diseases workshop for Guyana	PAHO/CAREC	23-25 May 2012	Guyana
Subregional workshop for the Caribbean to field-test practical risk analysis training materials based on CODEX Working Principles,	PAHO/WHO, Health Canada	June 11-13 2013	Georgetown, Guyana
Capacity building of national staff within the framework of the PAHO/WHO cooperation agreement with the Brazilian Ministry of Health and the National Food Surveillance Agency (ANVISA) in various aspects related to	SVS, ANVISA PAHO/WHO	ongoing 17-19 December	National, Brazil

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
Food Risk analysis Chemical Risk assessment FBD surveillance and Burden of disease		2012 18-22 March 2013 23-25 April 2013	
Subregional workshop for the Andean Countries: COL, PER, BOL, ECU in Integrated Surveillance System for Antimicrobial Resistance	PAHO	4 to 6 march 2013	Peru
Workshop on integrated FBD surveillance in Costa Rica	INCIENSA PAHO/WHO	21-22 June	San José, Costa Rica

PROJECTS/DIRECT ASSISTANCE

Summary of activities	Country		Status
FAO/WHO continued their technical assistance activities in the region in strengthening national food safety control systems and Codex knowledge in the MERCOSUR and CARICOM countries, technical assistance in designing new food safety agencies and/or strengthening food safety policies, including modernization of SPS legislation and healthy food markets; capacity building in risk analysis for national health authorities, creation of national network of food analysis laboratories and strengthening laboratory quality assurance of foodborne. The FAO Eat Safely Campaign is part of the communication strategy to enhance the level of information available to consumers with special focus on children.	Antigua and Barbuda, Bahamas, Barbados, Cuba, Dominica, Grenada, Jamaica, Dominican Republic, St. Kitts and Nevis, St. Vincent and the Grenadines, St. Lucia, Trinidad and Tobago, Belize, Costa Rica, El Salvador, Guatemala, Nicaragua, Panamá, Honduras, Argentina, Brasil, Chile, Colombia, Ecuador, Guyana, Peru, Suriname, Uruguay.		Ongoing
Eat Safely campaign implemented in Cuba with the cooperation of the Hunger-Free Latin America and the Caribbean Initiative.	FAO	Trinidad and Tobago	Ongoing
TCPF/CUB/3401 Assistance for the analysis and implementation of a National Strategy on Food Safety Risk Analysis.	FAO	Cuba	Ongoing

Eat safely campaign has been implemented in the Caribbean English speaking Caribbean countries with radio spots and comics aimed for children	FAO	Antigua and Barbuda, Barbados, Virgin British Islands, Grenada, Montserrat, St. Kitts and Nevis, St. Lucia, and Trinidad and Tobago	Ongoing
Telefood on food labelling for rural producers Etiquetado Nutricional Agroprocesados Productores Territorio AMDEL	FAO	Chile	Ongoing, (April – September 2012)
National project: “Food safety and quality costs in selected small-scale fish chain” (TCP/CHI/3302)	FAO	Chile	Ongoing
National Project UTF/CHI/033/CHI “Strengthening the management of Chilean food safety agency (ACHIPIA)”	FAO	Chile	Ongoing
National Project UTF/COL/039/COL “technical support to the Ministry of Health (MSPS) in the implementation process of OSAN and Food Safety”	FAO	Colombia	Ongoing
An EcoHealth approach to the control of diarrheal diseases in Tumbes, Northern Peru. Project financed by IDRC, with the participation of PAHO/WHO, Research group on zoonosis and public health of the University of Montreal, Universidad de Heredia, Peru.	PAHO/WHO	Peru	Ongoing
Strengthening of the food safety services of Haiti: gap analysis, for strengthening of laboratory capacity; early detection and emergency response capability and FBD Surveillance.	PAHO/WHO CDC Institut Pasteur	Haiti	Started 8 April 2013: Ongoing
Strengthening of National Food Safety System using the Performance Vision Strategy (PAHO/CDC/IICA)	PAHO/WHO	Haiti, Jamaica, Bahamas	Ongoing
PAHO/WHO completed a two years technical assistance activity in capacity building of national food safety laboratories for implementation of the standard ISO/IEC 17025 for microbiological, proximate analysis and trace element testing. Advisory services, 8 training events, 3 proficiency testing panels and audits were delivered to 9 laboratories from 5 countries.	PAHO/WHO	Bolivia, Panama, Peru, Uruguay and Venezuela	Completed December 2013
PAHO/WHO is supporting five projects in South America in integrated surveillance for antimicrobial resistance in the poultry	PAHO	Argentina, Ecuador, Paraguay, Venezuela and Uruguay	Ongoing

chain.			
Eat safely campaign launched in the Dominican Republic	FAO	Dominican Republic	March 2012
New activities of particular importance include:			
The Eat Safely campaign has been adopted by the UN agencies residing in Colombia	Colombia		Ongoing
Technical support to Latin American Pesticide Data Generation Project (STDF/PG/436) for strengthening regional capacity to meet pesticide export requirements based on international standards (Codex MRLs)	Bolivia , Costa Rica, Colombia, Dominican Republic , Ecuador, Guatemala, Panamá, Perú		2013-2015
FAO TCP project support food safety management within the Ministry of Agriculture, Fisheries and Livestock	Uruguay		Project formulation
FAO sub-regional TCP project to strengthen food safety systems	Antigua, Barbados, Dominica and Grenada		Project formulation

Annex 5

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

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
FAO SPS Capacity Assessment Project in West Bank: An integrated evaluation of the gaps and needs in animal health-plant health-food safety capacity and recommendations for improving these capacities, public health outcomes and trade opportunities, and co-ordination of international donors investments	FAO	September 07-23, 2012	West Bank
Mycotoxins in sorghum. FAO/WHO supported projects in Sudan, Ethiopia, Mali and Burkina Faso (funded through the Codex Trust Fund)	FAO/WHO/EMRO/AFRO	Ongoing (2011-2014)	Four participating countries
Introductory training course on the work of Codex Alimentarius for participants from Djibouti and Somalia, funded by the Codex Trust Fund	WHO/EMRO	14-18 October 2012	Djibouti, Djibouti
Joint 'PulseNet Middle East' and 'Global Foodborne Infections Network' (GFN) training workshop and consultation,	WHO/GFN/Pulse Net	24-30 March 2012	Amman, Jordan
National Workshop on Risk-based Food Inspection	FAO	6-9 March, 2012	Beirut, Lebanon
Regional Workshop on Risk-Based inspection of imported food	FAO	11-14 June, 2012	Amman, Jordan
Regional Technical Meeting on: Imported Food Inspection System	FAO	3-6, December, 2012	Amman, Jordan
Regional workshop on Enhancing Participation in Codex, supported by the Codex Trust Fund	FAO/WHO	11-13, December, 2012	Beirut, Lebanon
Building capacity of national inspectors in HACCP	FAO	16-19 July, 2012	Beirut, Lebanon
Building capacity of inspectors in imported food sampling	FAO	27-30 November, 2012	Beirut, Lebanon
Building capacity of inspectors:sanitary and quarantine measures in the control of trans-boundary	FAO	9-10 th April 2013	Dubai, UAE.

livestock diseases including food borne zoonoses.			
Conference: submission of a technical paper on Hygiene Assessment Systems for risk assessment of food businesses.	FAO	6-8 November 2012	Oman

PROJECTS/DIRECT ASSISTANCE

Summary of activities (which were referenced in the last paper for 33rd session)	Countries	Status
FAO/WHO continued their technical assistance activities in capacity building of national food safety and quality control system as well as import and export regulatory system, to assess the safety or the risks associated with genetically modified food and development of guidelines for evaluating the safety of food and food ingredients produced using GM technology; development of national integrated systems of food safety hazards, capacity building on the analysis of chemical contaminants of food and foodborne disease surveillance, development of training packages for food inspectors, strengthening capacity of national Codex Committees, harmonizing food standards and regulations and strengthening capacity of food safety laboratories, training workshops in food safety.	Afghanistan, Bahrain, Egypt, Iran, Iraq, Kuwait, Lebanon, Libya, Oman, Pakistan, Palestine Occupied Territory, Qatar, Saudi Arabia, Somalia, Sudan, Tunisia	Ongoing
FAO project. GCP/LEB/021/ITA entitled: " Strengthening Marketing and Production of Lebanese Agricultural Products "	Lebanon	Ongoing
FAO TCP/LEB/3401 entitled:" Strengthening the National Codex Committee and the Codex Contact point in Lebanon"	Lebanon	Signed in May 2012
Support to development of geographical indications (FAO)	Jordan	Formulation process
TCP/SNG/ 3401 Component TCP Promoting Food Safety in UAE and	UAE	Commenced 01 April 2013; Due to end 31/10/2013

Summary of activities (which were referenced in the last paper for 33rd session)	Countries	Status
Yemen		
TCP/SNG/3401 Component TCP Promoting Food Safety in UAE and Yemen	Yemen	June 2013 to December 2013
UTF/UAE/007 Improving the Nutrition of school children through nutrition, education, and garden based learning.	UAE	Ongoing.
TCP/YEM/3401 Upgrading of seafood quality standards, value addition and exports	Yemen	Starting from September, 2012
Formulation of Concept Note for potential Project. Investigation of the animal food safe production of fodder crops by the utilisation of water from Treated Sewage effluent and other unconventional sources of water and compost	Qatar	Two mission in Qatar. 11-13 November 2012 06-10 January 2013
Submit CN for GCC Secretariat for a Project to strengthen and harmonize GCC-wide border inspection post /risk based approach to food import inspections.	GCC States	Concept Note submitted
Submit CN for a GCC-wide strategy for the adoption of HACCP principles by food businesses	GCC States	Concept Note submitted

Annex 6

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

Activity (Workshop/Seminar/Training Course)	Organizers	Dates	Venue
Technical Workshop on Developments in Codex relevant to Pacific Island Countries (pre-CCNASWP)	FAO/WHO	17–18 September 2012	Madang, Papua New Guinea
Roundtable Meeting on Agricultural Trade and Sustainable Development for the Pacific Island Countries	FAO/NZ	3-6 September 2012	Wellington, NZ
Joint FAO/WHO Food Standards Programme FAO/Who Coordinating Committee for North America and the South West Pacific (12th session)	FAO/WHO	19-22 September 2012	Madang, Papua New Guinea
Technical support in response to food contamination concerns associated with Japan's nuclear disaster	FAO/WHO	Commenced March 2011	NA
A study of Cyanide levels in cassava and its products in some South Pacific Island Countries	FAO with the University of the South Pacific	Ongoing	Fiji
Development of a practical guide to introducing food standards to promote health and trade for smaller island states has been prepared and is being reviewed and revised	WHO with FAO	Ongoing	NA
Development of a practical guide on risk-based food inspection	FAO/WHO	Ongoing	NA
Development of tools to facilitate risk-based imported food control	FAO/WHO	Ongoing	NA
On the job training for CODEX Points from the South West Pacific (Samoa, Solomon Islands and Vanuatu)	FAO/WHO/CO DEX Trust Fund with New Zealand	27 February – 2 March 2012	Wellington, New Zealand
Establishing a food security information system in the Pacific	WHO with FAO	Ongoing	FAO

PROJECTS/DIRECT ASSISTANCE TO COUNTRIES

Summary of activities (which were referenced in the last paper for 33rd session)	Country	Status
FAO/WHO continued their technical support provided on food standards, food inspection processed and imported food control, review of competent authorities and effective enforcement of newly introduced food standards, technical guidance on conducting microbiological risk assessments, enhancement of food safety education based upon the Five Keys to Safer Food, including food safety education in schools, training on risk assessment	Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu	Ongoing
Technically assist development of food safety legislation and standards for Samoa	Samoa	Draft legislation with AG
Training workshop on strengthening Codex at the national level, May 2012	Nauru	Completed
Risk-based food inspection training, July 2012, organised by FAO with input from WHO	Samoa	Completed
National workshop on food packaging and development of Food Packaging manual, October 2012	Samoa	Completed
Workshop on Food Safety and Quality Assurance in the Egg Supply Chain in Samoa, November 2012	Samoa	Completed
Development of Food Inspection SOPs (domestic and imported food), August 2012	FSM	Completed
Training of Food Inspectors in use of SOPs transitioning towards risk based food inspection procedures, October 2012	FSM	First round completed, ongoing
Food Industry SME Food safety & Quality Needs Assessment, May 2012	FSM	Completed
Training of Food Handlers Training in food hygiene, October 2012	FSM	Completed
A Study of Cyanide Levels in Cassava and its Products in some South Pacific Island countries	University of the South Pacific, Fiji	Ongoing
New activities of particular importance include		
Technical assistance to develop a Strategic Framework for Codex in Fiji	Fiji	ongoing
Technical assistance on developing draft food regulations	Cook Islands	Ongoing

Strengthening of food control system in Micronesia	Federated States of Micronesia	Ongoing
Provision of Food Safety education to street food vendors	Federated States of Micronesia	Ongoing
Technical assistance in development of national food safety emergency response plan and strengthening the national INFOSAN network	Fiji	Ongoing
Technical assistance on microbiological risk assessment	Fiji	Ongoing
Technical assistance on the development and implementation of various aspects of food regulations	Fiji	Ongoing
Technical assistance on developing draft food regulations, risk-based food inspection training and provision of food inspection equipment	Kiribati	Ongoing
Provision of food inspection equipment	Nauru	Ongoing
Developing national capacity in CODEX	Nauru	Completed
Assistance with processing and value adding of agricultural products for Niue	Niue	Ongoing
Technical assistance on risk-based food inspection training and provision of food inspection equipment	Palau	Ongoing
Technical assistance in developing a national food safety policy, risk-based food inspection training and provision of food inspection equipment	Papua New Guinea	Ongoing
Technical assistance to achieve international accreditation of the Food Laboratory Scientific Research Organization of Samoa (SROS)	Samoa	Completed
Technical assistance on solar drying food technology	Samoa	Completed
Developing private sector capacity on food packaging	Samoa	Ongoing
Technical assistance to develop and consultant on a food bill and draft food regulations	Samoa	Ongoing
Technical assistance to include food safety and NCD aspects into a horticultural development project	Samoa	Ongoing
Technical assistance on risk-based food inspection training and provision of food inspection equipment	Solomon Islands	Completed
Provision of food inspection equipment	Republic of Marshall Islands	Completed
Assistance for the national food summit	Tonga	Completed
Technical assistance on developing draft food regulations and associated implementation plan development	Tuvalu	Ongoing
Technical assistance on food regulations development and risk-based food inspection training	Vanuatu	Completed

Annex 7

FAO/WHO CAPACITY DEVELOPMENT PUBLICATIONS AND TOOLS (reference)

- Enhancing food safety by strengthening food inspection systems in ASEAN countries – Case studies on inspection and certification
Case study 1: Inspection and Certification Systems for Good Manufacturing Practices (GMP) for Processed Foods in Indonesia
Case study 2: SALM Inspection and Certification Scheme of Malaysia
Case study 3: Group Inspection and Certification Systems for Small Farmers: A Case Study to Cover Best Practices throughout the Supply Chain for Domestic and Export in Thailand
Case study 4: The Inspection system for food service sector including street food, restaurant and canteens in Vietnam
- Guidelines for Risk Categorization of food and food establishments applicable to ASEAN countries RAP Publication 2011/22
- WHO/WPRO is preparing Guideline development on data requirements for evidence based policy
- WHO/WPRO is preparing tool Laboratory and foodborne disease surveillance assessment tool development and implementation
- WHO/WPRO is working on a document Investigation of Vibrio cholera through whole genome sequencing
- WHO/WPRO is working on a document to support National food safety profile development
- WHO/FAO/OIE Global View of Campylobacteriosis. Report of a WHO Expert Consultation in collaboration with FAO and OIE, July 2012, Utrecht, The Netherlands (to be published in May 2013)
- FAO/WHO guide for developing and improving national food recall systems, 2012 published in English, French and Spanish. The document can be found at: http://www.who.int/foodsafety/publications/fs_management/recall/en/index.html
- WHO Five Keys to Growing Safer Fruits and Vegetables: promoting health through decreasing microbial contamination. Poster and manual available in English, French and Spanish. http://www.who.int/foodsafety/consumer/5keys_growing_safer/en/index.html
- Preventing foodborne diseases: Women in Senegal are getting involved. Available in English and French at www.who.int/foodsafety/consumer/5keys/en
- and Strategic Plan World
Health Organization Regional Office for Africa Brazzaville 2012. <http://www.afro.who.int/en/clusters-a-programmes/hpr/food-safety-and-nutrition-fan.html>
- WHO Regional Office for Africa. Manual for Integrated Foodborne Disease Surveillance in the WHO African Region World Health Organization Regional Office for Africa Brazzaville 2012. <http://www.afro.who.int/en/clusters-a-programmes/hpr/food-safety-and-nutrition-fan.html>
- WHO/AFRO published a Special Edition of the African Journal of Food Agriculture, Nutrition and Development.

- FAO, in collaboration with the International Feed Industry Federation (IFIF), has produced the “Animal Production and Health Manual: Good Practices for the Feed Industry”, available online in English and Spanish, to assist with compliance and the practical implementation of the Codex Code of Practice for Good Animal Feeding (CAC/RCP 54-2004).
- 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.
- 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.
- 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 in English and French the guide: “Linking People, Products and Places; a guide for promoting quality linked to geographical origin and sustainable GIs”. The Spanish version will be available soon.
- FAO is publishing case studies on quality linked to geographical origin in Asia, in English, as a follow up of the regional seminar on this matter that took place in Bangkok, Thailand, June 2009.
- 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.
- “Good hygienic practices in the preparation and sale of street foods in Africa - Tools for training” has been published in French and English.
- “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 FAO training materials and risk analysis case studies is currently under finalization. The Russian version of the manual will be available shortly.
- 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 published 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 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 available in English, French, Spanish and Russian at www.fao.org/docrep/010/i0096e/i0096e00.htm.

- As a complement to this work, “Guidelines for risk-based fish inspection” which provide technical information to support fish inspection systems was published in English, French and Spanish at www.fao.org/docrep/011/i0468e/i0468e00.htm.
- 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 available in English, French and Spanish at www.fao.org/docrep/012/i0110e/i0110e00.htm. The case studies (Part III of this publication) are now available in Spanish - see: <http://www.rlc.fao.org/es/inocuidad/pdf/estcaso.pdf>
- The FAO Regional Office for Asia and the Pacific is developing a ‘Guideline on Risk Categorization for the ASEAN countries.
- A manual on “Buenas Prácticas de Higiene en la Preparación y Venta de los Alimentos en la Vía Pública en Latinoamérica y el Caribe” has been published. (<http://www.rlc.fao.org/es/inocuidad/pdf/higiene.pdf>)
- The FAO/RLC developed an e-learning course on “Hygienic Food Handling I”. The course provides tools on hygienic food handling practices to ensure food safety and reviews the basic codes of hygiene. (http://www.rlc.fao.org/nucleo/curso_MHA200904.htm)
- The FAO/RLC e-learning training courses on “Hygienic Food Handling” (Manipulación Higiénica de los Alimentos) Versions II and III are now available. The courses provide tools on hygienic food handling practices to ensure food safety and review the basic Codex codes of hygiene. (http://www.rlc.fao.org/nucleo/curso_MHA200904.htm)
- The FAO/RLC e-learning training course “Risk Analysis for Food Safety” (Análisis de Riesgos de la Inocuidad de los Alimentos) is now available. The course is based on documents published by FAO and the Codex Alimentarius relating to risk analysis. (<http://www.rlc.fao.org/nucleo/cursos/ARIA201004.htm>)
- The FAO/RLC “Eat safely” campaign to prevent food-related diseases has been conducted in all the Latin American and Caribbean countries. The campaign provides information in English, Spanish (“Come Sano”), French (“Mange Sain”) and Portuguese (“Coma Saudavel”) on the good practices for safe and healthy eating, including handling and preparation of food at home. The campaign materials are available at the following web address: <http://www.rlc.fao.org/es/prioridades/sanidad/comesano.htm>
- The FAO/RLC “Eat Safely” programme has been extended to a radio broadcast campaign in local native languages (Quechua, Creole, etc) in the Dominican Republic, El Salvador, Guatemala, Haiti, Panama and Peru.
- The FAO/RLC developed an e-learning course on “Food Safety Control Systems”, and it is available at (http://www.rlc.fao.org/nucleo/curso_SCIA200909.htm).
- FAO and WHO published “The Impacts of Private Food Safety Standards on the Food Chain and on Public Standard-Setting Processes”. This publication was introduced at the 32nd Session of the Commission and is available in English (www.fao.org/docrep/012/i1132e/i1132e00.pdf), French (www.fao.org/docrep/012/i1132f/i1132f00.pdf) and Spanish (www.fao.org/docrep/012/i1132s/i1132s00.pdf).
- FAO and WHO developed a “FAO/WHO Framework for Developing National Food Safety Emergency Response Plans”. This document was developed to assist countries in the formulation and implementation of national food safety emergency response plans. The document will be available in English, French and Spanish and will be used for future capacity development activities to implement preparedness for food safety emergencies at both regional and national levels.

- FAO/WHO developed Guidance for application of Risk Analysis during food safety emergencies. This document contains the essential elements for establishing procedures for assessing and managing risks within the framework of the countries food safety emergency response plans. It is especially needed to take management decisions and to communicate risk in the face of time constraints, lack of data and even knowledge gaps. The document will be available in English, French and Spanish and will be used for future capacity development activities to implement preparedness for application of risk analysis during food safety emergencies at both regional and national levels.
- FAO published the report of the Technical Round Table Sessions held at the International Conference on Food and Agriculture Applications of Nanotechnologies: NANOAGRI 2010 (20-25 June 2010, Sao Carlos, Brazil). The report is available at: ftp://ftp.fao.org/ag/agn/agns/NANOAGRI_2010.pdf.
- FAO developed and published a “Training Manual on the Evaluation of pesticide residues for establishment of maximum residue levels and calculation of dietary intake” (http://www.fao.org/fileadmin/templates/agphome/documents/Pests_Pesticides/JMPR/TrainingManualJMPR.pdf)
- FAO developed a “Food Safety Training Manual for Farmer Field Schools (FFS)” to help smallholder training programmes around the world respond to growing demand for good agricultural practices that consider chemical, biological and physical hazards. It is available at <http://www.vegetableipmasia.org/Training%20Materials.html>
- FAO and DGHS, MoHFW (Bangladesh) have developed a “Guidelines for Food Inspection in Bangladesh”, March 2012
- FAO and DGHS, MoHFW (Bangladesh) have developed a “Guidelines for Risk Categorization of Food Products and Businesses in Bangladesh
- FAO and DGHS, MoHFW (Bangladesh) have updated the “Curriculum for Diploma in Medical Technology (Sanitary Inspectorship) course”, February 2012
- Training package on Food Hygiene developed for sweetmeats sector, bakery sector and street foods for Bangladesh.