Meeting proceedings
FAO Regional Training Workshop
Enhancing Effective Participation in Codex Activities:
Developing science-based national positions and contributing scientific data
to the Codex standard-setting activities

5 - 7 December 2018
Tokyo, Japan

Conducted under the FAO project
“Support for capacity building for international food safety and implementation in ASEAN countries”
(GCP/RAS/295/JPN)
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Contents
Acknowledgements........................................................................................................ iv
Abbreviations and acronyms .......................................................................................... v
Executive summary ........................................................................................................ vii
Background .................................................................................................................. 1
Highlights of the training workshop .............................................................................. 1
1st day (5 December 2018) ............................................................................................. 1
2nd day (6 December 2018) .......................................................................................... 4
3rd day (7 December 2018) .......................................................................................... 6
Conclusion and recommendations ................................................................................. 7
Annex 1. Program of activities ....................................................................................... 9
Annex 2. List of participants .......................................................................................... 10
Annex 3: Output of World Café session on the Codex web platform.............................. 14
Annex 4. Pre-test and post-test questionnaire .................................................................. 16
Annex 5. Evaluation on effectiveness of the training workshop .................................... 17
Acknowledgements

The report has been prepared by Panpilad Saikaew, Project Coordinator, Food and Agriculture Organization of the United Nations (FAO) Regional Office for Asia and the Pacific (FAORAP) and finalized by Sridhar Dharmapuri, Senior Food Safety and Nutrition Officer, FAO. The workshop was organized under the FAO project “Support for capacity building for international food safety and implementation in ASEAN countries (GCP/RAS/295/JPN)” and FAO hereby gratefully acknowledge the generous contribution of the Government of Japan for these important capacity development activities in ASEAN countries.
### Abbreviations and acronyms

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>ADI</td>
<td>Acceptable Daily Intake</td>
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<tr>
<td>ALARA</td>
<td>As Low As Reasonably Achievable</td>
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<tr>
<td>ARfD</td>
<td>Acute Reference Dose</td>
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<tr>
<td>CAC</td>
<td>Codex Alimentarius Commission</td>
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<td>CCEXEC</td>
<td>Executive Committee of the Codex Alimentarius Commission</td>
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<tr>
<td>CCCF</td>
<td>Codex Committee on Contaminants of Foods</td>
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<td>CCFA</td>
<td>Codex Committee on Food Additives</td>
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<tr>
<td>CCFFP</td>
<td>Codex Committee on Fish and Fishery Products</td>
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<td>CCPR</td>
<td>Codex Committee on Pesticide Residues</td>
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<tr>
<td>CRD</td>
<td>Conference Room Document</td>
</tr>
<tr>
<td>eWG</td>
<td>Electronic Working Group</td>
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<tr>
<td>FAO</td>
<td>Food and Agriculture Organization of the United Nations</td>
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<tr>
<td>FAORAP</td>
<td>Food and Agriculture Organization of the United Nations Regional Office for Asia and the Pacific</td>
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<td>FSCJ</td>
<td>Food Safety Commission of Japan</td>
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<td>GEMS</td>
<td>Global Environment Monitoring System</td>
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<tr>
<td>GSCTFF</td>
<td>General Standards for Contaminants and Toxins in Food and Feed</td>
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<tr>
<td>GSFA</td>
<td>General Standard for Food Additives</td>
</tr>
<tr>
<td>HR</td>
<td>Highest Residue</td>
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<tr>
<td>INS</td>
<td>International Numbering System</td>
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<tr>
<td>JECFA</td>
<td>Joint FAO/WHO Expert Committee on Food Additives</td>
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<tr>
<td>JEMNU</td>
<td>Joint FAO/WHO Expert Meeting on Nutrition</td>
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<td>JEMRA</td>
<td>Joint FAO/WHO Expert Meeting on Microbiological Risk Assessment</td>
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<td>JMPR</td>
<td>Joint FAO/WHO Meeting on Pesticide Residue</td>
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<tr>
<td>LOAEL</td>
<td>Low Observed Adverse Effect Level</td>
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<tr>
<td>MAFF</td>
<td>Ministry of Agriculture, Forestry and Fisheries</td>
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<td>MHLW</td>
<td>Ministry of Health, Labour and Welfare</td>
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<tr>
<td>ML</td>
<td>Maximum Level</td>
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<tr>
<td>MRL</td>
<td>Maximum Residue Limit</td>
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<td>NCO</td>
<td>National Codex Organization</td>
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<tr>
<td>NOAEL</td>
<td>No Observed Adverse Effect Level</td>
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<tr>
<td>RCCs</td>
<td>FAO/WHO Regional Coordinating Committee</td>
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<tr>
<td>SPS</td>
<td>Sanitary and Phytosanitary</td>
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<td>STMR</td>
<td>Supervised trials median residue value</td>
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<tr>
<td>TBT</td>
<td>Technical Barriers to Trade</td>
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<tr>
<td>TC</td>
<td>Technical Committee</td>
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<td>WHO</td>
<td>World Health Organization</td>
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<td>WTO</td>
<td>World Trade Organization</td>
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Executive summary

The 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” in Tokyo, Japan was conceptualized in order to final validate the training manual on enhancing the effective participation in Codex activities. The present Training Workshop was held on 5-7 December 2018 in Shin-Yurakucho Building, Tokyo, Japan, jointly organized by Ministry of Agriculture, Forestry and Fisheries (MAFF) Japan and the Food and Agriculture Organization of the United Nations Regional Office for Asia and the Pacific (FAORAP). This training workshop is part of the FAO regional project “Support for Capacity Building for International Food Safety Standard Development and Implementation in ASEAN Countries (GCP/RAS/295/JPN)”.

The objectives of the training workshop were to provide participants with:

- Recognizing key factors for the establishment of Codex standards;
- Enhancing understanding of structure and function of CAC, the importance of Codex standards in international trade, the methodology of food safety risk analysis in Codex and the development of discussion paper and the national position;
- Sharing knowledge and experience of participation in Codex activities and how to generate the scientific data for supporting the establishment of Codex standards; and
- Training on development of national/regional positions through mock sessions to enhance participants’ capacity to contribute effectively to Codex work.

A total of 36 participants were personnel from nine ASEAN countries’ agencies mainly responsible for food safety control, food standard development, and international food standards, as well as, personnel from MAFF of Japan and Ministry of Health, Labour and Welfare (MHLW) of Japan in the three-day training workshop.

The training workshop methodology consisted of lectures, case studies, simulation-based sessions (mock session) and group work. Pre-test questionnaire was administered to the participants before the commencement of the training workshop to determine background knowledge on Codex activities. Post-test questionnaire was provided at the conclusion of the 3-day training workshop to determine knowledge uptake. During the training, many participants actively discussed and exchanged opinions on each topic of the training, especially on the risk assessment topic, as well as positively participated in the group session.

Comparative analysis of the result of the pre and post training examination revealed significant improvement in the knowledge and understanding of the participants on the subject matters. Further, 86% of the participants gave an excellent rating as to the quality of the workshop in general.

Participants were appreciative of the mock session as this provided them with the knowledge and experience on how to prepare for Codex Committee meeting and how Codex plenary session is conducted. The general comments from individual participants included the request for a longer mock session, the training on how to be a chair and co-chair of electronic working group (eWG), training on risk assessment and data generation. The suggestions from some participants could be useful for further improvement of the training course and training manual.
Background

The 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" in Tokyo, Japan was conceptualized in order to final validate the training manual on enhancing the effective participation in Codex activities.

This regional training workshop, as a part of the FAO regional project "Support for Capacity Building for International Food Safety Standard Development and Implementation in ASEAN Countries (GCP/RAS/295/JPN)", was held on 5 – 7 December 2018 in Shin-Yurakucho Building, Tokyo, Japan. The activity was jointly-organized by the Ministry of Agriculture, Forestry and Fisheries (MAFF) of Japan and Food Agriculture Organization of the United Nations- Regional Office for Asia and the Pacific (FAORAP).

Ms Yayoi Tsujiyama, Acting Director for International Affairs Food Safety and Consumer Policy Division, and Ms Aya Orito-Nozawa, Section Chief Food Safety and Consumer Policy Division, MAFF served as the Focal Persons for the organization of the training workshop. Efficient secretariat and logistical support for the training activity were provided by the MAFF.

Highlights of the training workshop

1st day (5 December 2018)

- Opening session

The 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" started with an inaugural ceremony. Mr Sridhar Dharmapuri, Senior Food Safety and Nutrition Officer, FAORAP gave the introduction remarks, Ms Yayoi Tsujiyama, Acting Director for International Affairs Food Safety and Consumer Policy Division, MAFF, delivered the welcome remark to the training workshop and Mr Mbuli Charles Boliko, Director of FAO Liaison Office of Japan delivered the opening remark.

A total of 36 participants were personnel from nine ASEAN countries' agencies mainly responsible for food safety control, food standard development, and international food standards, as well as, personnel from MAFF and MHLW of Japan in the three-day training workshop. The list of participants to the training workshop can be seen on Annex 2. After the opening ceremony, the participants did the pre-test questionnaire to determine the level of background knowledge and understanding of the participants on Codex activities.

Ms Panpilad Saikaew, Project Coordinator, FAORAP, introduced briefly the overview, objectives and methods of the training course. Program of Activities is attached as Annex 1.

The summary of the technical parts is as below.

- Introduction of the Codex Alimentarius and its importance in the international trade

Ms Tsujiyama introduced the history of Codex and its objectives. The following dual objective of Codex was introduced: (1) protecting health of consumers and (2) ensuring fair practices in food trade. She also explained Codex’s structure, functions, working procedures, the Codex committees and subsidiary bodies as well as the Codex texts. "How to elaborate Codex Standard" was also introduced. She explained that the standard elaboration process starts with development of a New Work Proposal which has to be framed in line with the procedure explained in the Codex Procedural Manual (this procedure was also explained). The proposal will be preliminary considered by the concerned Committee. After getting support by the concerned Committee, it is critically reviewed by the Executive Committee of the Codex Alimentarius Commission (CCEXEC)
and approved by the Codex Alimentarius Commission (CAC). Once the relevant subsidiary body is given the green signal, the standard-setting goes through 8-Step procedure. In some cases, standards can be adopted at Step 5/8. She then discussed the key provisions of the WTO Sanitary and Phytosanitary/Technical Barriers to Trade (SPS/TBT) Agreements and their link to Codex, including the legal status by adoption of Codex standards and country role in resolving trade disputes. She stated that the aim of WTO is to facilitate trade through harmonization of sanitary measures, and stressed that WTO members should follow international standards whereas governments can set measures that are different from international standards if they can justify their higher standards based on sound and scientific evidence. She stressed the reason why SPS agreement increased the importance of Codex standards. She also explained dispute settlement process and gave some examples of Codex and SPS and TBT dispute settlements. In conclusion, she stated that harmonization is very effective way to achieve the purpose of the SPS and TBT Agreements, and that International Standard including Codex Standards should be used for harmonization.

- **Risk Analysis in the context of Codex activities**

Ms Annamaria Bruno, former FAO Senior Food Standards Officer, explained the principles of risk analysis. She explained the difference between risk and hazard. The risk analysis paradigm, including, risk assessment, risk management and risk communication, as well as the four-steps of the risk assessment, were explained together with examples. Ms Bruno stressed that risk analysis provided framework for more science – based and structured approach for food safety in Codex. Risk management is the process of weighting policy alternatives in the light of the results of the risk assessment and, if required, selecting and implementing appropriate control options. This risk management should be distinct from the risk assessment; however, close interaction between these two elements is essential. Risk communication is also an important component of risk analysis. Risk communication does not only include the communication between risk managers and risk assessors, but also include all types of communication between all relevant stakeholders including consumers and producers.

She further explained the roles of FAO/WHO provision of scientific advice, the roles of FAO/WHO scientific expert bodies (e.g. JECFA, JMPR, JEMRA and JEMNU), history of these expert bodies and relationship with Codex subsidiary bodies.

Dr Yukiko Yamada, Advisor to Vice-Minister, MAFF, Japan and Dr Midori Yoshida, Commissioner of Food Safety Commission of Japan (FSCJ) Cabinet Office, jointly presented the chemical risk assessment conducted by JMPR. Dr Yamada briefly introduced the overview of the JMPR. There are two components in JMPR namely WHO Core Assessment Group and FAO Panel of Experts on Pesticide Residues in Food and the Environment. Dr Yoshida next introduced the toxicological evaluation (hazard identification and hazard characterization) done by WHO Core Assessment Group. She explained the importance of quality in toxicological data and its role in the overall toxicological evaluation in JMPR. Toxicological data are derived from toxicological studies such as acute toxicity on rats and mice, biochemical aspects (kinetics) and observations on humans. No Observed Adverse Effect Level (NOAEL) and Low Observed Adverse Effect Level (LOAEL) are determined from qualified toxicological data. Acceptable Dietary Intake (ADI) and the Acute Reference Dose (ARfD), if necessary, are set from the NOAEL or LOAEL by taken safety factor into account.

Dr Yamada later explained in-depth detail on the evaluation by FAO panel. FAO panel will use these health guidance values at the risk characterization step. She explained on the pesticide evaluation process for estimating maximum Residue Levels starting from

- identification of the pesticides;
- evaluation of metabolism and environmental studies;
- checking the quality of the data submitted from manufactures and member countries;
- selection of residue definitions;
Ms Saikaew gave introduction of the Joint FAO/WHO expert meeting on Microbiological Risk Assessment (JEMRA). She firstly introduce the history of JEMRA and the five main JEMRA’s objectives: (i) assessing the risk associated with foodborne pathogens; (ii) providing guidance on data generation and access to relevant data; (iii) developing guidelines on how to assess risks; (iv) providing guidance on application of risk assessment; and (v) developing the risk assessment tools. She also pointed out the differences between the chemical risk assessment and microbiological risk assessment even though the main concept of 4-step risk assessment process is applied to both chemical and microbiological risk assessment.

Participants expressed interest in learning in-depth detail of the risk assessment. The data quality of pesticide residue data for JMPR submission was deeply discussed. The need for training on chemical risk assessment was also identified during this session.

- **Data generation**
  - **Japan experiences**
  
  Dr. Yamada kindly showed the experience of Japan on data generation, collection and utilization for establishment of food safety standards. MAFF started generating the scientific data for supporting the establishment of Codex food safety standards since 2001. MAFF developed the scientific data priorities for surveillance. There are two following categories:
    - **Priority A**: must conduct surveillance in the specified period and Priority; and
    - **Priority B**: conduct surveillance if possible.

  Focus on the Codex Committee on Contaminant of Foods (CCCF), MAFF contributes in several areas including development of the Working Principles for Risk Analysis, surveillance data for establishment of the Maximum Levels (MLs) for contaminants and toxins in food and feed (i.e. cadmium and inorganic arsenic in rice). Requirements on sampling, method of analysis and laboratory management are set for generating the data provided to JECFA. Dr Yamada also explained the procedures for establishment of Maximum Levels. The As Low As Reasonably Achievable (ALARA) principle is applied for setting up the MLs. Japan has also contributed to the elaboration of several Codex Codes of Practice for Prevention and Reduction of specific contaminants in foods.

  - **Thailand experiences**
  
  Ms Saikaew gave the example of Thailand on contribution in the establishment of Codex standards. Supervised residue data for tropical fruits and some vegetables and consumption data are the examples of data Thailand submitted to Codex for the establishment of the Codex Maximum Residue Limits (MRLs) for pesticides. The supervised residue data had been generated in accordance with the FAO Guidelines for Conducting Pesticide Residue Trials to Provide Data for the Registration of Pesticides and the Establishment of Maximum Residue Limits; and further submitted to JMPR by following the FAO Manual on the Submission and Evaluation of Pesticide Residues Data for Estimation of the Maximum Residue Levels in Food and Feed1. Concerning consumption data, previously, there were the surveys on consumption data of Thailand; however, the purpose of those surveys were for nutrition purpose. Then, National Bureau of Agricultural Commodity and Food standards, as the national standard setting body, collaborated with the

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Institute of Nutrition to generate a national consumption survey for risk assessment purpose. This will allow more efficient and accurate overall exposure assessment in Thailand and support risk managers in their decision-making on food safety. The first survey was conducted during 2003-2006. The new survey was a 3-year project from 2013-2015. She explained the methodology, survey protocols, and consumption data-reporting framework. These Thai national consumption data had been submitted to WHO for inclusion in the GEMS/Food consumption database. These data have been used for conducting the risk assessment for Codex activities. In conclusion, she emphasized the benefits of the data generation which are not only used for setting up the national, regional and international food safety standard but could also facilitate the international food trade.

2nd day (6 December 2018)

- Development of new work proposals and national position

Ms Bruno started the second day training by giving presentation on the development of new work proposal and project document in Codex. The discussion paper is a preliminary step for starting new work and could help to get support from other member countries. The discussion paper may include the project document. She shared information on the content/information that should be included in the discussion paper and project document. She further provided information on the “critical review” conducted by CCEXEC. She explained that some proposals for new work, for example on the elaboration of numerical standards does not require the elaboration of a project document but should follow the procedures established by the relevant Committees. These include MRLs for pesticide and veterinary drug, MLs for inclusion in the General Standard for Food Additives (GSFA), General standards on Contaminants and Toxins in Food and Feed (GSCTFF), and the revision of the International Numbering System (INS). She also gave the real example of a discussion paper.

Ms Saikaew gave a presentation on the development of national positions. She explained: i) How to establish and express a national position, i.e. reading and analysis of Codex working documents and other related information, and sharing it within relevant stakeholders in country; and ii) How to develop written comments to express a national position effectively, especially in line with “General Guidance for the Provision of Comments”. She further shared Thai experience on the development of national positions by showing the working process for considering draft standards by national technical committee.

Mr Yoshiyuki Takagishi, Associate Director of Food Safety Policy Division, Food Safety and Consumer Affairs Bureau, MAFF, next shared the Japan’s experience on development of national positions and written comments in CCFA and CCPR. He pointed out the key considerations in developing a national/regional position including shared advantage of active participation with stakeholders, science-based proposals with the analysis of relevant data, ensured consistency and communication with international colleagues. He also highlighted the importance of participation in informal regional meetings on the sidelines of Codex meetings because it would be a good opportunity to express the national positions before the plenary session, to identify common interests and concerns among the member countries, and to facilitate “face-to-face” communication and negotiation among delegations in the region.

Ms Maribel Marges, Department of Agriculture Consultant, Philippines presented the current status of Codex activities in Philippines. The National Codex Organization (NCO) of the Philippines was created jointly by the Department of Agriculture and the Department of Health through a Joint Administrative Order in 2005, with participation from representatives from the private sector and the academia. The process of Codex work was formalized and institutionalized by developing the NCO Manual of Operations in 2010. The work of NCO parallels that of Codex and technical work is overseen by a Technical Committee composed of the Sub-Committees and Task
Forces, which parallel equivalent Committees or Task Forces as those in Codex. The legal basis for Philippine participation in Codex was further strengthened with passage of The Food Safety Act of 2013.

**Codex Web platform**

In this session, Ms Bruno kindly introduced the background of the Codex/FAO/WHO web platform on information of National Food Safety Control System as the response to the request of the 38th Session of the CAC on the revitalization of FAO/WHO Regional Coordinating Committees (RCCs)\(^2\). Ms Saikaew introduced the questionnaire developed for this web platform. There are only few countries submitted their responses. Therefore, a world café session was organized to identify the benefits and the challenges for countries to submit the information. Ms Saikaew, Ms Bruno and Ms Marges were the facilitators at the three following stations respectively:

- **Station 1:** Advantages/Disadvantages;
- **Station 2:** Obstacles/Challenges;
- **Station 3:** Needs for assistance.

The summary of the world café session is shown in Annex 3.

**Mock session**

Following the lectures, a mock session was held simulating a real session of a Commodity Codex Committee meeting. Before starting the mock training session, Ms Saikaew gave the overview of how to effectively participate in the Codex activities. She also highlighted the objectives of a mock session, which are to improve effective participation in Codex activities and to reinforce links and cooperation through: a) better knowledge and understanding of Codex documentation and working procedures; b) enhanced knowledge of how to prepare, present and promote national positions in Codex Committees; c) understanding the concept of consensus and how to reach it; and d) enhanced negotiation skills. Based on the materials of the mock Session, all the participants were divided into four hypothetical member countries (Country A, B, C and D), as in a real Commodity Committee, in this case, that of the Fish and Fishery Products (CCFFP). Mr Bruno, Ms Marges, Mr Takagishi and Ms Saikaew served as the tutors to these four hypothetical member countries. Each group discussed and prepared their delegation’s position on all agenda items, including a hypothetical proposed draft Codex standard for fish sauce and a proposal for new work based on the guidance and documents provided. This step is simulated as the scenario of the national level. Each group developed their positions, written comments, statements and Conference Room Document, where appropriate, for participation in the plenary meeting in the third day of the workshop. The countries were also instructed to conduct informal meetings with the other delegations before plenary session and during break time as part of simulating real Codex committee meetings.

\(^2\) At the 38th session of the CAC, the Codex Secretariat introduced the proposal of the revitalization of FAO/WHO Regional Coordinating Committees (RCCs) developed by the Codex Secretariat with FAO and WHO with the intention to recognize the importance of RCCs as regional fora for food safety and quality. There were four main proposals, namely

1. **RCCs as improved food safety and quality fora:** aligning the agendas of RCCs;
2. **Platform for information sharing on food control systems and roles and responsibilities in food safety;**
3. **Identification of needs and priorities in regions;** and
4. **Regional Strategic planning and specific recommendations on these proposals on the next step for the RCC revitalization.**
3rd day (7 December 2018)

During the first two days of the training workshop, the venue was arranged in a conference room set up. For the mock session activity, the room was arranged to simulate the conduct of the plenary session. The Mock Plenary Session on the Thirty fifth Session of CCFFP was held by Ms Tsujiyama as Codex Chair, Ms Bruno as Codex Secretariat, Mr Takagishi as Host Country, Ms Marge as FAO/WHO representative. Each group (hypothetical member country) was represented by a head of delegation. The set-up of the mock session as to the seating of delegates replicated the real Codex committee meetings. Delegations from each country conducted informal meetings for negotiation before the plenary session, during coffee break and lunchtime.

At the end of the mock session, the tutors provided their comments and insights as to how well the participants carried out the activities of the mock session. The tutors also gave pointers on how to prepare for the session and how to articulate the country’s comments on the agenda issues. They also expressed their appreciation for the warm involvement and participative attitude of the body during the mock session. Participants also asked some tips for participation the real Codex meeting, such as the trick to relay response in the plenary session. They also asked on the structure of the report of the electronic Working Group.
Photos during the Mock Session, top to bottom: informal meetings before plenary session, “Make-believe” Codex Chair with Codex Secretariat, Secretariat of Country Host and FAO/WHO representative, Head of Country Delegations; Country delegates

For the post workshop activity, the participants were instructed to answer the post-test questionnaire and fill in the training feedback evaluation form. The results of the pre-test and post-test and the training evaluation are shown in Annex 4 and Annex 5 respectively. The training workshop was officially concluded with the distribution of certificates of participation and USB files for the participants.

Conclusion and recommendations

Pre-workshop and post-workshop questionnaires were administered to measure the knowledge gain of the participants. The questionnaires also included commentary parts on their expectations (pre-workshop) and recommendations (post-workshop). Many participants wrote that their expectations for the workshop were to:

1) understand Codex, its objectives and its documents;
2) understand Codex and its importance to trade;
3) understand the procedure of establishment of Codex standards;
4) know how to prepare the participation in Codex meeting;
5) understand the risk analysis concept;
6) understand the international risk assessment;
7) understand the use of scientific data for the establishment of Codex standards; and
8) gain experience on participation in Codex Committee meeting.
As to the knowledge gain assessment, pre-workshop questionnaire scores (PRE) and post-workshop questionnaire scores (POST) were analyzed by the t-Test Paired Two Sample for Means tool with the null hypothesis (means of two populations are equal). Those who did not return either one of the questionnaires were excluded from the analysis (N=28). With having the highest score of 17 and the score lowest of 3, the means of PRE and POST were 9.5 (SD 2.33) and 13.25 (SD 2.24), respectively. At 99% confidence interval, the t critical two-tailed value was calculated to be 2.77 with the degree of freedom of 27. The result showed the two-tailed P value of < 0.0001 and t-stat of -8.865, thus in conclusion, the knowledge gain by the participants was extremely statistically significant.

Post-workshop comments from the participants showed that their expectations were fulfilled. Some participants emphasized their appreciation of the mock session as this provided them with the knowledge and experience on how to prepare for the Codex Committee meeting and how Codex plenary sessions are conducted and confirmed that all of the general and specific objectives were achieved.

Additional comments were provided including:
- the training on this topic at national level and regional level should be conducted regularly;
- a longer training on MOCK session especially the preparation period for developing the national position;
- more instruction on how to access and read Codex document at the preparation step for MOCK session;
- the training could include more information on how to be a chair and co-chair of electronic working group (eWG), as well as, how to report the result of eWG at the Codex plenary session; and
- The need of trainings on data generation for elaboration Codex standard and risk assessment;

Participants rated the quality of the workshop as excellent at 86% and the technical inputs of the experts at 86% very useful. The materials and handouts provided and the usefulness of the workshop for their work were evaluated as very useful with 89% success whereas the subject relevance for their work was found 82% very useful.

Improvements suggested include extending the training duration and the continued support on capacity building for this matter and other related area (e.g. data generation). Suggestions from some participants could be useful for further improvement of the training course and the work plan for this FAO regional project.
## Annex 1. Program of activities

### Day 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>08.30 – 09.00</td>
<td>Registration, pre-test</td>
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<tr>
<td><strong>Agenda Item 1: Opening session</strong></td>
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<tr>
<td>09.00 – 09.30</td>
<td>- Introductory remarks&lt;br&gt; <em>Mr Sridhar Dharmapuri, Senior Food Safety and Nutrition officer, FAORAP</em>&lt;br&gt; - Welcome Remarks&lt;br&gt; <em>Ms Yayoi Tsujiyama, Acting Director for International Affairs Food Safety and Consumer Policy Division, MAFF</em>&lt;br&gt; - Opening remark&lt;br&gt; <em>Mr Mbili Charles Boliko, Director of FAO Liaison Office of Japan</em></td>
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<tr>
<td>09.30 – 09.45</td>
<td>Introduction of the participants and resource people</td>
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<td><strong>Agenda Item 2: Overview of the regional workshop</strong></td>
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<tr>
<td>09.45 – 10.00</td>
<td>Overview of the project and the objectives of the training&lt;br&gt; <em>Ms Panpilad Saikaew, Project coordinator, FAORAP</em></td>
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<td>10.00 – 10.30</td>
<td>Coffee break (pre-test to be turned in)</td>
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<td><strong>Agenda Item 3: Introduction of the Codex and its importance</strong></td>
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<td>10.30 – 11.00</td>
<td>Overview of the Codex Alimentarius Commission (history, structure and functions of the Commission, Committees and subsidiary bodies) and the importance of the relevant international agreements (including WTO SPS/TBT agreements)&lt;br&gt; <em>Ms Yayoi Tsujiyama, Acting Director, International Standards Office, Food Safety Policy Division, Food Safety and Consumer Affairs Bureau, MAFF</em></td>
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<td><strong>Agenda Item 4: Risk Analysis in the context of Codex activities</strong></td>
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<tr>
<td>11.00 – 11.30</td>
<td>Overview of Risk Analysis in the context of food safety and Codex activities&lt;br&gt; <em>Ms Annamaria Bruno, Former FAO Senior Food Standards Officer</em></td>
</tr>
<tr>
<td>11.30 – 12.00</td>
<td>Principles and structures of the international Risk Assessment and the roles of FAO/WHO provision of scientific advice (JECFA, JEMRA, JMPR, JEMNU and ad hoc expert meetings)&lt;br&gt; <em>Ms Annamaria Bruno</em></td>
</tr>
<tr>
<td>12.00 – 13.15</td>
<td>Lunch</td>
</tr>
<tr>
<td>13.15 – 13.30</td>
<td>Group photo session</td>
</tr>
<tr>
<td>13.30 – 14.30</td>
<td>Chemical Risk Assessment at the international level (-JMPR as example)&lt;br&gt; <em>Dr Yukiko Yamada, Advisor to Vice-Minister, MAFF&lt;br&gt; Dr Midori Yoshida, Commissioner of Food Safety Commission of Japan (FSCJ) Cabinet Office</em></td>
</tr>
<tr>
<td>14.30 – 15.30</td>
<td>Establishing the Codex MRLs for pesticide residues&lt;br&gt; <em>Dr Yukiko Yamada</em></td>
</tr>
<tr>
<td>15.30 – 16.00</td>
<td>Coffee break</td>
</tr>
<tr>
<td>16.00 – 16.30</td>
<td>Microbiological Risk Assessment at the international level (JEMRA)&lt;br&gt; <em>Ms Panpilad Saikaew</em></td>
</tr>
<tr>
<td><strong>Agenda Item 5: Data generation for establishment of food standards</strong></td>
<td></td>
</tr>
<tr>
<td>16.30 – 17.30</td>
<td>Data generation, collection and utilization for establishing food standard&lt;br&gt; <em>Dr Yukiko Yamada&lt;br&gt; Ms Panpilad Saikaew</em>&lt;br&gt; - Experience from Japan (Cadmium and inorganic arsenic in rice)&lt;br&gt; - Experience from Thailand (Pesticide residues and consumption data for exposure assessment)</td>
</tr>
<tr>
<td><strong>Day 2</strong></td>
<td></td>
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<tr>
<td><strong>Agenda Item 6: Development of new work proposals and national position</strong></td>
<td></td>
</tr>
<tr>
<td>09.00 – 09.30</td>
<td>Development of new work proposals and project documents / discussion papers&lt;br&gt; <em>Ms Annamaria Bruno</em></td>
</tr>
<tr>
<td>Time</td>
<td>Activity</td>
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</tr>
<tr>
<td>09.30 – 10.15</td>
<td>Developing national or regional positions and written comments</td>
</tr>
<tr>
<td></td>
<td>• Overview of the development</td>
</tr>
<tr>
<td></td>
<td><em>Ms Panpilad Saikaew</em></td>
</tr>
<tr>
<td></td>
<td>• A case study from Japan</td>
</tr>
<tr>
<td></td>
<td><em>Mr. Yoshiyuki Takagishi, Associate Director, Food Safety Policy Division, Food Safety and Consumer Affairs Bureau, MAFF</em></td>
</tr>
<tr>
<td></td>
<td>• A case study from Philippines</td>
</tr>
<tr>
<td></td>
<td><em>Ms Maribel Marges, consultant of the Department of Agriculture of the Philippines</em></td>
</tr>
<tr>
<td>10.15 – 10.30</td>
<td>Coffee Break</td>
</tr>
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</table>

**Agenda Item 7: Codex Web platform: information of National Food Safety Control System**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>• Overview of the Web platform</td>
</tr>
<tr>
<td></td>
<td><em>Ms Annamaria Bruno</em></td>
</tr>
<tr>
<td></td>
<td>• World café session (benefits and challenge for submission)</td>
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<tr>
<td></td>
<td><em>Ms Annamaria Bruno, Ms Panpilad Saikaew</em></td>
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**Agenda Item 8: MOCK session**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>11.30 – 12.30</td>
<td>Introduction to the mock session and its preparations (group exercise)</td>
</tr>
<tr>
<td></td>
<td><em>Ms Maribel Marges and Ms Panpilad Saikaew</em></td>
</tr>
<tr>
<td>12.30 – 13.30</td>
<td>Lunch</td>
</tr>
<tr>
<td>13.30 – 15.30</td>
<td>Group exercise: Preparing national positions and discussion paper for a new work</td>
</tr>
<tr>
<td>15.30 – 16.00</td>
<td>Coffee break</td>
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<tr>
<td>16.00 – 17.30</td>
<td>Group exercise cont.</td>
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**Day 3**

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08.30 – 09.30</td>
<td>Informal meetings among delegations to exchange the views</td>
</tr>
<tr>
<td>09.30 – 10.30</td>
<td>Plenary session of the mock CCFFP</td>
</tr>
<tr>
<td></td>
<td>• Chairperson: <em>Ms Yayoi Tsujiyama</em></td>
</tr>
<tr>
<td></td>
<td>• Host country secretariat: <em>Mr. Yoshiyuki Takagishi</em></td>
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<tr>
<td></td>
<td>• Codex secretariat: <em>Ms Annamaria Bruno,</em></td>
</tr>
<tr>
<td></td>
<td>• FAO/WHO officer: <em>Ms Maribel Marges</em></td>
</tr>
<tr>
<td>10.30 – 11.00</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>11.00 – 12.00</td>
<td>Plenary session cont.</td>
</tr>
<tr>
<td>12.00 – 13.30</td>
<td>Lunch</td>
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<tr>
<td>13.30 – 14.30</td>
<td>Plenary session cont.</td>
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<tr>
<td>14.30 – 15.00</td>
<td>Discussion and lessons learned from the mock session</td>
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<tr>
<td>15.00 – 15.30</td>
<td>Post-test, feedback &amp; evaluation</td>
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<td>15.30 – 16.00</td>
<td>Coffee Break</td>
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**Agenda Item 9: Closing session**

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<tr>
<td>16.00 – 16.30</td>
<td>Closing session</td>
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<tr>
<td></td>
<td>• Summary of the training workshop</td>
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<td><em>Ms Panpilad Saikaew</em></td>
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<td></td>
<td>• Closing remarks</td>
</tr>
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<td><em>Mr Sridhar Dharmapuri</em></td>
</tr>
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<td>• Delivery of Attendance Certificates</td>
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<td></td>
<td><em>Ms Yayoi Tsujiyama and Mr Sridhar Dharmapuri</em></td>
</tr>
</tbody>
</table>
Annex 2. List of participants

CAMBODIA

1. Mr Sin SIDETH
   Director of Laboratory
   Directorate-General
   (CAMCONTROL)
   Ministry of Commerce
   National Road 1, Str 18, Phum Kdey Takoy, Sangkat Vielsbov, Khan Chbar Ampoeuv, Phnom Penh

2. Mr Vuthy NY
   Deputy Director
   Department of Plant Protection
   Sanitary and Phytosanitary, General
   Directorate of Agriculture, Ministry of Agriculture, Forestry and Fisheries (MAFF)
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3. Ms Mutia ARDHANESWARI
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4. Ms Eni NURKHAYANI
   Assistant Deputy Director of Food Safety Control, Agency for Food Security
   Ministry of Agriculture
   Jl. Harsono RM No. 3 Ragunan Jakarta

LAO PDR

5. Ms Vilanya KANYADY
   Food Import Permit Officer
   Food Control Division, Food and Drug Department, Ministry of Health
   Rue Thadeua, Simuang Village, Sisattanak District, Vientiane

6. Mr Souliya SOUVANDOUANE
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8. Mr Mohd ZAHRUL NAQI BIN SHOAIB
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11. Ms Caroline CAPILOS DULLER
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   Food and Drug Administration
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16. Ms Namaporn ATTAVIROJ
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17. Ms Nguyen THANH TAM
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18. Ms Ngo PHUONG HOA
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   Division
   National Agro Forestry Fisheries
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   10 Nguyen Cong Hoan Street, Ban
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36. Ms Minori FURUSAWA  
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   Department, Agricultural Production  
   Bureau

37. Ms Hisae SHIBUSAWA  
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   Industry Bureau

Ministry of Health, Labour and  
Welfare

38. Mr Takeshi NUKUI  
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   Environmental Health and Food  
   Safety, Pharmaceutical Safety and  
   Environmental Health Bureau

39. Mr Yoshiaki SAKAI  
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   Environmental Health and Food  
   Safety, Pharmaceutical Safety and  
   Environmental Health Bureau

40. Ms Yuriko SAKURAI  
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   Inspection and Safety Division,  
   Pharmaceutical Safety and  
   Environmental Health Bureau

RESOURCE PERSONS

41. Dr Yukiko Yamada  
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42. Dr Midori YOSHIDA  
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43. Ms YAYOI TSUJIYAMA  
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45. Ms ANNMARIA BRUNO  
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47. Ms Aya ORITO-NOZAWA  
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48. Ms Shiho KAJIURA  
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FAORAP

49. Mr Sridhar DHARMAPURI
   Senior Food Safety and Nutrition Officer
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   Bangkok 10200, Thailand

50. Ms Panpilad SAIKAEW
   Project Coordinator
   FAO Regional Office for Asia and the Pacific
   39 Phra Athit Road
   Bangkok 10200, Thailand
Annex 3: Output of World Café session on the Codex web platform

Benefits

- **Advantages**
  - Being as a panel for information exchange/sharing
  - Being as library for getting information on food control system from Codex member countries especially non-English countries.
  - Being convenient for searching food control information from several countries at the same time.
  - Providing the detail on country’s contact points responsible for certain issues such as Codex, INFOSAN.
  - Indirect facilitating international trade (manufacturers and producers can access the information)

- **Disadvantages**
  - The information may be out-of-date if the country does not regularly update the information.
  - There may not be common understanding on the terminology used in food control system (law/regulations)

Challenges

- Since many agencies are involved in the Food Safety Control system, lots of information has to be provided for this platform. It is quite difficult for Codex Contact Points to collect all information.
- This is not mandatory for member countries to upload the information onto Codex platform. Additionally, it is additional work and time consuming. Lack of incentive for member countries to provide information
- Web platform is not stable. It sometime is not be able to access.
- Purpose of the questionnaire/output of this platform are not clear.
- Some CCPs do not know this platform until the project sent the questionnaire to them. (no information on this web platform at country level)
- There may not be common understanding on the terminology used in the food control law. Countries need the instruction for entering the information.

Needs for support

- Requesting on technical assistance and instruction for better understanding on terminology and the scope of required information. The workshop among the CCP on this issue would be organized, if needed.
- Making the CCPs aware of this platform
- Since only CCP can be able to upload the information, it is challenging CCPs to collect all information. Would it be possible to allow competent authorities to access the web platform for uploading the information?
- Supporting on English translation of Country detail information: legislation, import requirements
- Providing timeframe/frequency for the update of the information in order to ensure the information shown in the Codex website is up-to-date.
Annex 4. Pre-test and post-test questionnaire

<table>
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</table>
Annex 5. Evaluation on effectiveness of the training workshop

Name ______________________________
Agency ______________________________

1. How do you evaluate the quality of the training workshop in general?
   - Excellent (86 %)
   - Very good (14 %)
   - Adequate

2. Was the subject of the training workshop useful and relevant to your needs?
   - Very useful (82 %)
   - Somewhat useful (18 %)
   - Not useful (Please explain why not)

3. Were the materials and handouts useful and the information relevant?
   - Very useful (89 %)
   - Somewhat useful (11 %)
   - Not useful (Please explain why not)

4. Were the technical inputs by experts useful and relevant?
   - Very useful (86 %)
   - Somewhat useful (14 %)
   - Not useful (Please explain why not)

5. Did you find the Mock Training sessions relevant and useful?
   - Very useful (89 %)
   - Somewhat useful (11 %)
   - Not useful (Please explain why not)

6. Any other recommendations/comments/suggestions for improvements
   - The training on this topic at national level and regional level should be conducted regularly. (Person who in charge of Codex are sometime being changed)
   - This workshop is useful and mock session help participants for well understanding.
   - A longer training especially the MOCK session;
   - Instruction on how to access and read Codex document at the preparation of MOCK session.
   - Separation of the participants that have different background of Codex
   - Obtained many thing from this training.
   - Request for support on training on the chemical risk assessment and establishment of pesticide residue standard.
   - The training could include more information on how to be a chair and co-chair of electronic working group (eWG), as well as, how to report the result of eWG at the Codex plenary session; and
   - The need of training on data generation for elaboration of Codex standards;
   - Well done.