



FOOD SAFETY ISSUES RELEVANT FOR INDONESIA

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FOOD SAFETY ISSUES RELEVANT FOR INDONESIA

SUMBER:

- EURASFF
(<https://webgate.ec.europa.eu/rasff-window/screen/search>)
- US FDA
(<https://datadashboard.fda.gov/ora/cd/imprefusals.htm>)
- CODEX
(<https://www.fao.org/fao-who-codexalimentarius/en/>)

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BACKGROUND to the emergence of the Food Safety Issues :

1. Climate change.
2. Antimicrobial resistance.
3. Increasing complexity of food supply chains
4. Increase of foodborne/food safety burden
5. “Broader global goals around sustainability, one health, food security and environmental protection “

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FOOD SAFETY ISSUES RELEVANT FOR INDONESIA

1. Climate change.

a) **Mycotoxin**

- Aflatoxin dan Ochratoxin
- Fusarium toxins :
 - Fusaproliferin (FUS),
 - Moniliformin (MON),
 - Fusaric acid (FA),
 - Fumonisin (FUMs),
 - Nivalenol (NIV), and
 - T-2 and HT-2 toxins

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1. Climate change.

a) **Mycotoxin**

b) **New and emerging pathogens.**

- Salmonella,
- Listeria monocytogenes,
- Shiga toxin-producing Escherichia coli (STEC),
- Campylobacter.
- Hepatitis A virus dan and norovirus

Reviewing and “tightening”
of **CODEX Micro criteria &
Good Hygienic Practices**

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1. Climate change.

2. **Antimicrobial resistance**

→ **Reducing vs. managing the use of:**

a) **Veterinary medicinal products**

b) **Pesticides**

Reviewing and “tightening” of
**CODEX MRLs (Vet drug & pesticide
residues)**

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1. Climate change.
2. Antimicrobial resistance.
3. Increasing complexity of food supply chains
 - a) **Food frauds/adulteration**
 - Food Authenticity, food integrity
 - **Terutama untuk High Value Foods**
 - **Leading to work of the CCFICS (Proposed draft Guidance on the prevention and control of food fraud)**

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1. Climate change.
 2. Antimicrobial resistance.
 3. Increasing complexity of food supply chains
 - a) **Food frauds/adulteration**
 - b) **Emphasis on farm to table approach**
 - **Integrated food safety system**
 - **Good Agriculture Practices, example:**
 - Nutmeg
 - Palm oil
 - Vanilla
 - "kacang salut"
- Reviewing and "tightening" of **CODEX TEXTS**
- **Good hygienic practices**
- **Traceability**

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4. Increase of foodborne/food safety burden

(initiative WHO, CODEX)

a) Chemicals Hazards in foods → WHO (2006):

- Consultation to develop a strategy to estimate the global burden of foodborne disease.
- Formation of the WHO Foodborne Disease Burden Epidemiology Reference Group (FERG).
- For chemicals → focus on the burden of disease for selected compounds:
 - a) aflatoxin, cyanide in cassava, peanut allergen, dioxin and dioxin-like compounds
 - b) Heavy metal: Arsenic, lead, methylmercury and cadmium

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(initiative WHO, CODEX)

a) Chemicals Hazards in foods → FERG ESTIMATE :

- The four main foodborne toxic metals (lead, methylmercury, arsenic and cadmium)
- Lead accounted for almost 60 percent of the total disability-adjusted life years (DALYs) of all four metals combined (Gibb et al., 2019).

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 3. **Increasing complexity of food supply chains**
 4. **Increase of foodborne/food safety burden**
(initiative WHO, CODEX)
- a) Chemicals Hazards in foods

CHEMICALS IN FOOD - THE INVISIBLE CHALLENGE, WHEN DO WE NEED TO BE WORRIED AND WHAT DO WE NEED TO KNOW?

https://www.fao.org/fao-who-codexalimentarius/sh-proxy/ar/?lnk=1&url=https%253A%252F%252Fworkspace.fao.org%252Fsites%252Fcodex%252Fmeetings%252FCX-734-10%252FWorking%2Bdocuments%252Fne10_02e.pdf



CODEX ALIMENTARIUS COMMISSION



Food and Agriculture
Organization of the
United Nations



World Health
Organization

Viale delle Terme di Caracalla, 00153 Rome, Italy - Tel. (+39) 06 57051 - E-mail: codex@fao.org - www.codexalimentarius.org
Agenda Item 2

JOINT FAO/WHO FOOD STANDARDS PROGRAMME
FAO/WHO COORDINATING COMMITTEE FOR THE NEAR EAST

Tenth Session

FAO Headquarters, Rome, Italy, 11-15 November, 2019

KEYNOTE ADDRESS

CHEMICALS IN FOOD - THE INVISIBLE CHALLENGE,
WHEN DO WE NEED TO BE WORRIED AND WHAT DO WE NEED TO KNOW?

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 3. **Increasing complexity of food supply chains**
 4. **Increase of foodborne/food safety burden**
(initiative WHO, CODEX)
- a) Chemicals Hazards in foods
b) WHO releases plan to eliminate Industrially produced Acids from global food supply (14 May 2018)
c) Reduction of Sugar, Salt and Fat

- Reviewing and “tightening” of CODEX ML for lead, mercury, arsenic and cadmium in foods
- Reducing/eliminating trans fat → LABELING
- Request for comments/information on the establishment of a definition of added sugars, dll
- **DLL**



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1. **Climate change.**
2. **Antimicrobial resistance.**
3. **Increasing complexity of food supply chains**
4. **Increase of foodborne/food safety burden**
5. **“Broader global goals around sustainability, one health, food security and environmental protection“**

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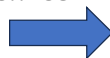
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5. **“Broader global goals around sustainability, one health, food security and environmental protection“**

- a) **Sustainability**
- b) **Consumer sciences**
- c) **Social sciences**



COMMITMENT IN THE INTEREST OF CONSUMERS

Since its inception, the Codex Alimentarius Commission, together with its subsidiary committees, has given top priority to the protection and interests of consumers in the formulation of food standards and related activities.

Other United Nations (UN) bodies have also recognized the importance of consumer protection and, in 1985, a UN General Assembly Resolution gave rise to the *Guidelines for consumer protection*, published in 1986. These guidelines identify food as one of three priority areas that are of essential concern to the health of consumers, and the document specifically identifies the Codex Alimentarius as the reference point for consumer protection with regard to food.

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5. **“Broader global goals around security and environmental”**
 - a) **Sustainability**
 - b) **Consumer sciences**
 - c) **Social sciences**



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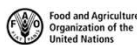
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World Health
OrganizationCL 2022/12-FL
March 2022TO: Codex Contact Points
Contact Points of international organizations having observer status with CodexFROM: Secretariat, Codex Alimentarius Commission,
Joint FAO/WHO Food Standards Programme

SUBJECT: Request for information sustainability labelling

DEADLINE: 15 July 2022

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Agenda Item 12
CX/FL 23/47/12
January 2023World Health
OrganizationJOINT FAO/WHO FOOD STANDARDS PROGRAMME
CODEX COMMITTEE ON FOOD LABELLINGForty-seventh Session
Gatineau, Quebec, Canada
15 – 19 May 2023

DISCUSSION PAPER ON SUSTAINABILITY LABELLING CLAIMS

Prepared by New Zealand and the European Union

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5. **“Broader global goals around sustainability, one health, food security and environmental protection“**
 - Guidelines for the safe use and re-use of water in food production
 - ETC

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FOOD SAFETY ISSUES RELEVANT FOR INDONESIA – **New Works in CODEX (1)**

CC	Title (Subjects)
CCCF	New work on Code of Practice/Guidelines for the prevention or reduction of ciguatera poisoning
CCFH	New work proposal on the development of Guidelines for food hygiene control measures in traditional markets for food
	Revision of the Guidelines on the Application of the General Principles of food Hygiene to the control of Pathogenic Vibrio Species in Seafood (CXG 73-2010)
CCFICS	Preparation of a discussion paper and project document on guidance on appeals mechanism in the context of rejection of imported food
	Preparation of a discussion paper and project document on the standardization of sanitary requirements
	Proposed Draft guidance on the prevention and control of food fraud (redrafting)

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FOOD SAFETY ISSUES RELEVANT FOR INDONESIA – **New Works in CODEX (2)**

CC	Title (Subjects)
CCFL	Labelling of alcoholic beverages (discussion paper)
	Application of food labelling provisions in emergencies (discussion paper)
	Sustainability labelling claims: revision to the General Guidelines on Claims (CXG 1-1979) (discussion paper)
	Definition for added sugars (discussion paper)
	TFA (discussion paper) → CCFO
CCNFSDU	Harmonised probiotic guidelines
	Guidelines including General Principles for the Nutritional Composition of Foods and Beverages made from Plant-based and other Alternative Protein Sources (submitted by Canada and USA)
CCEXEC	Proposal for the Investigation and Development of Recycling Guidance in Codex Alimentarius (Prepared by the United States of America)

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