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NATIONAAL INSTITUUT VOOR VOEDSELVEILIGHEID SURINAME - NIVS



INTERNATIONAL FOOD SAFETY REGULATORY LANDSCAPE:

Codex Alimentarius Commission (CAC)



National Instituut voor Voedselveiligheid Suriname
National Institute for Food Safety Suriname



12-14 Aug 2022
Paramaribo – Suriname

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Learning Objectives – Part One



OBJECTIVES



Introduce the need to International Standards



Introduce the make-up of the Codex Alimentarius Commission



The Importance of International Standards (Codex standards) in International Trade :

- Relationship to WTO agreements

Food Security – An Ongoing Challenge



A Multinational Loaf

Many food ingredients from a number of countries



INGREDIENTS: ENRICHED BLEACHED FLOUR (WHEAT FLOUR, MALTED BARLEY FLOUR, NIACIN, IRON, THIAMIN MONONITRATE (VITAMIN B1), RIBOFLAVIN (VITAMIN B2), FOLIC ACID), WATER, WHOLE GRAINS (WHOLE WHEAT FLOUR, BROWN RICE FLOUR (RICE FLOUR, RICE BRAN)), HIGH FRUCTOSE CORN SYRUP, WHEY, WHEAT GLUTEN, YEAST, CELLULOSE. CONTAINS 2% OR LESS OF EACH OF THE FOLLOWING: HONEY, CALCIUM SULFATE, VEGETABLE OIL (SOYBEAN AND/OR COTTONSEED OILS), SALT, BUTTER (CREAM, SALT), DOUGH CONDITIONERS (MAY CONTAIN ONE OR MORE OF THE FOLLOWING: MONO- AND DIGLYCERIDES, ETHOXYLATED MONO- AND DIGLYCERIDES, ASCORBIC ACID, ENZYMES, AZODICARBONAMIDE), GUAR GUM, CALCIUM PROPIONATE (PRESERVATIVE), DISTILLED VINEGAR, YEAST NUTRIENTS (MONOCALCIUM PHOSPHATE, CALCIUM SULFATE, AMMONIUM SULFATE), CORN STARCH, NATURAL FLAVOR, BETA-CAROTENE (COLOR), VITAMIN D3, SOY LECITHIN, SOY FLOUR.

GUAR GUM
India



Guar gum is used to keep bread moist. This white powder is ground from guar plant seed pods primarily grown in India.

Source: Sara Lee

CALCIUM PROPIONATE
Netherlands



Calcium propionate is a mold inhibitor. This powdery preservative is manufactured in many countries.

HONEY
China, Vietnam, Brazil, Uruguay, India, Canada, Mexico, Argentina



Honey is increasingly used as a natural sweetener, and domestic supplies can fall short. It is produced by small-scale beekeepers, so Sara Lee purchases it from multiple countries to meet its needs.

FLOUR ENRICHMENTS
China



Flour enrichments are required to replenish the vitamins lost in the milling process. According to Sara Lee, the industry has consolidated, limiting its options for suppliers.

BETA-CAROTENE
Switzerland



Beta-carotene is added to provide a color to the bread and crust. This artificial coloring is available from many countries.

VITAMIN D3
China



Vitamin D3 is a supplement used to aid in calcium absorption. China is one of the leading suppliers of vitamins.

WHEAT GLUTEN
France, Poland, Russia, Netherlands, Australia



Wheat gluten is added to the bread to help keep its structure and shape. Sara Lee uses many suppliers to meet its needs.

Photograph by Tony Cenicola/The New York Times

Consumer Expectations

VISION



MISSION



VALUES



1. A safe, nutritious, high quality, abundant, affordable, and varied food supply
2. Governments operate effective food control systems
3. Imported foods are produced to acceptable food standards comparable to domestic products



There is a Need ...for International Standards



International Standards : Leadership for Change

Served the international community for close to 6 decades:

- ▶ Leveling the playing field between nations
- ▶ Addressing emerging issues
- ▶ Supporting consumer protection and removing undue impediments to trade

Led the way in transforming food regulatory measures

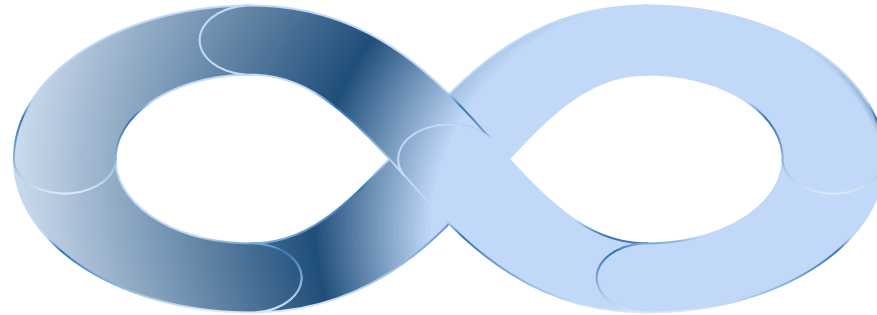
Developing and Adopting Risk Analysis Principles

❖ Leading role in :

- ▶ Allergen management
- ▶ GMO assessment
- ▶ Nutrition labeling requirements

❖ Addressing Emerging issues :

- ▶ Assessment of radionuclides
- ▶ Addressing Melamine incident, etc

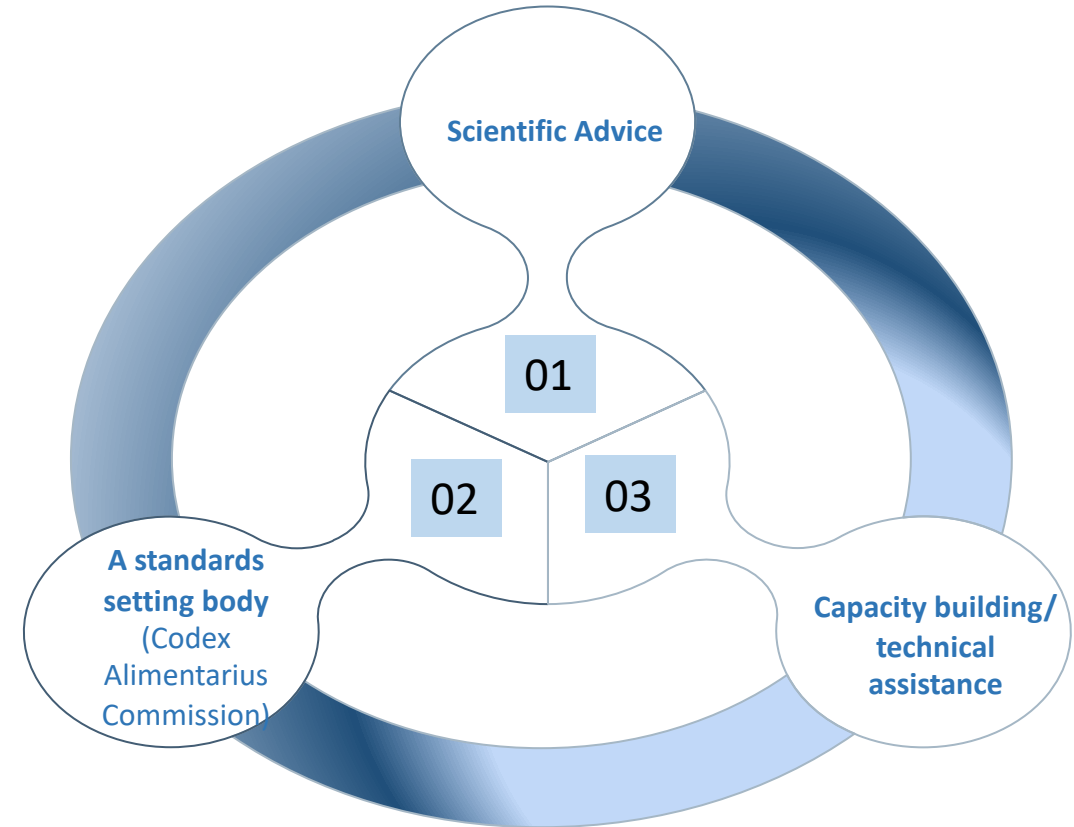


Joint FAO/WHO Food Standards Program

FAO and WHO collaborated to establish a joint food standards program



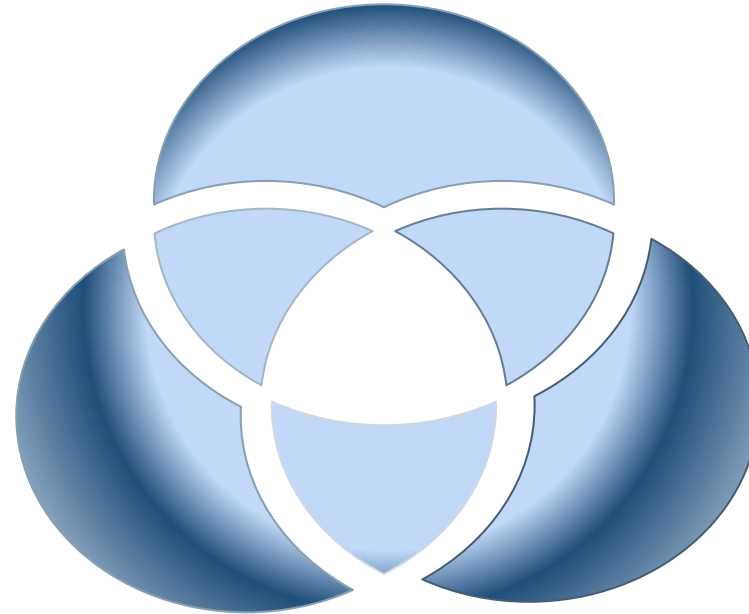
The program consists of three independent but complementary elements:



What is Codex?

The Codex Alimentarius Commission (Codex) is:

An intergovernmental body established in 1963



Currently consists of : 189 members

- 188 member countries
- one member organization (EU)

Members vs. Observers:

239 Observers -

- 59 IGOs,
- 164 NGOs,
- 16 UN

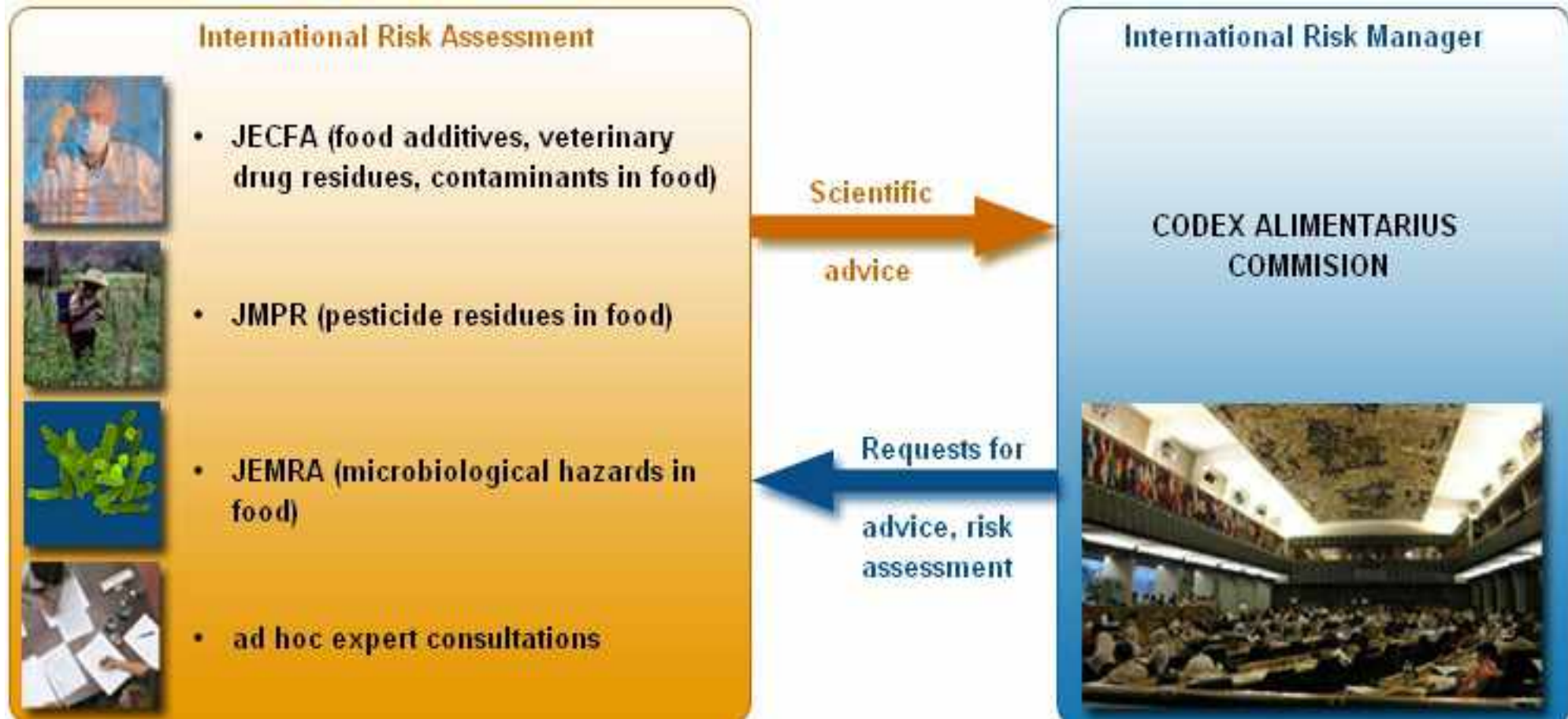
What Does Codex Do?

The Codex Alimentarius Commission is mandated to develop international food standards to :

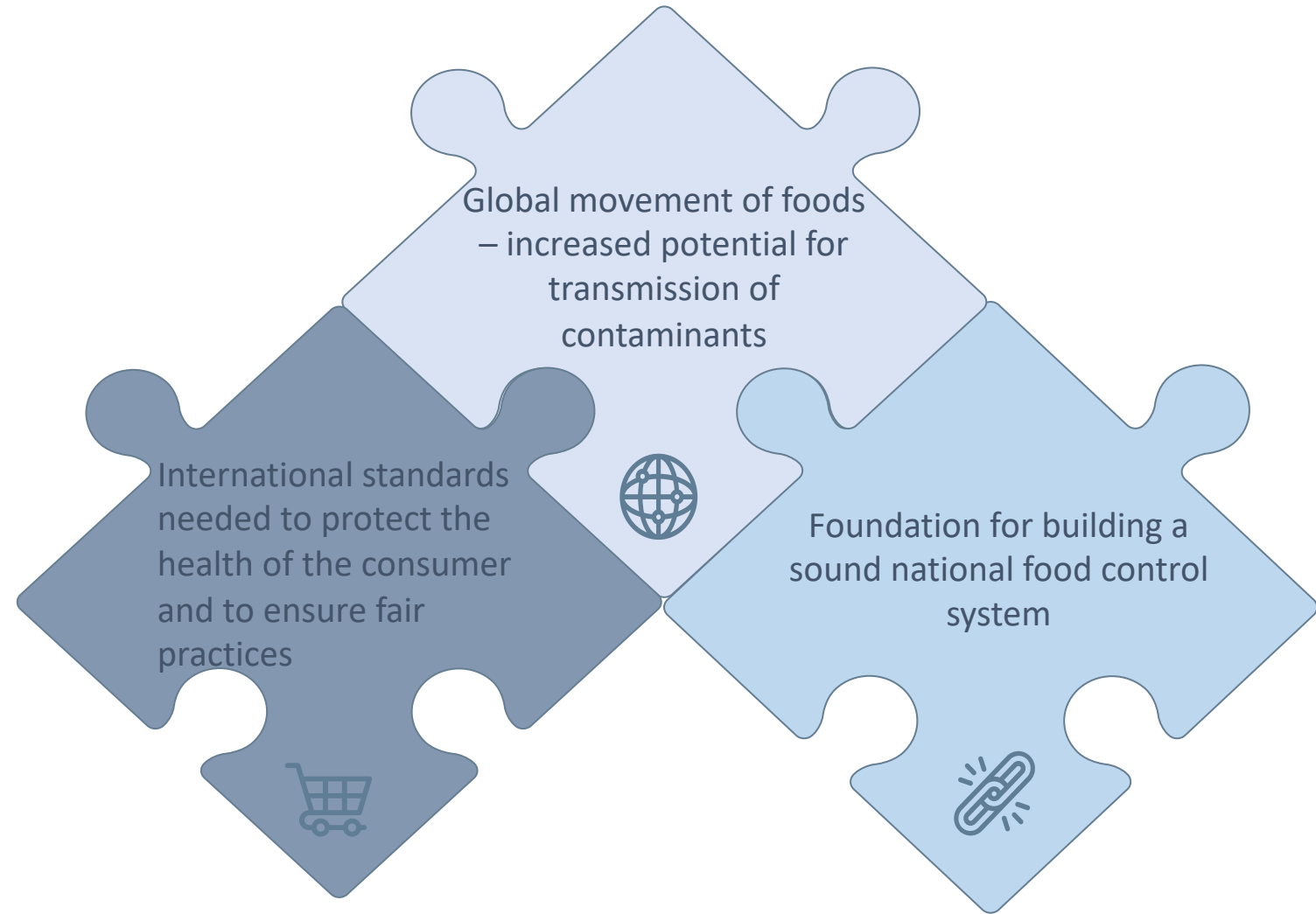
- ▶ Protect the health of consumers
- ▶ Ensure fair practices in the food trade
E.g.: Fraud, misinformation, misrepresentation

Coordinate all food standards work at the international level





Why are Countries Involved?



Forum for Exchange of Information



Opportunities to exchange information/ share views/ appreciate challenges faced by developing countries



Opportunities to keep apprised of technological and regulatory/policy developments



Opportunities to influence development of standards

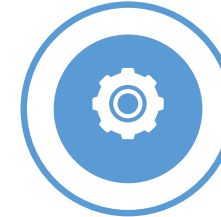


International Regulatory Framework



World Trade Organization (WTO) - International Court that judges trade disputes:

- Uses Codex standards to evaluate claims of disputing parties
- Use of Codex standards confers assumption of WTO compliance



Countries have right to not use Codex standards; however,

- Non-Codex based regulation must be based on solid science and health risk assessment



If country fails to demonstrate this then

- WTO may conclude country's standard is arbitrary and likely a trade barrier intended to unfairly block imports from other countries



SPS and TBT Agreements

Agreement on Technical Barriers to Trade (TBT Agreement)

Refers to technical regulations/conformity assessment procedures for protecting human safety and health

Applies widely (not just food)

Regulations falling under TBT aim to protect consumers through information (mainly labelling regulations when not related to food safety) and promote fair trade practices;

Regulations related to classification/essential composition quality factors to avoid deceptive practices

Under TBT, **Codex is not explicitly references.** More broadly “Standards developed by relevant organizations

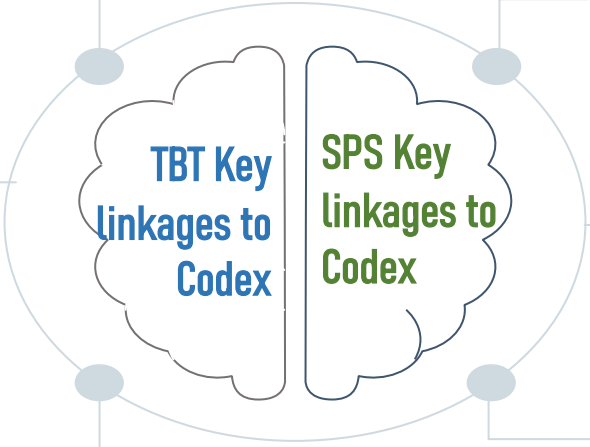
Sanitary and Phytosanitary Measures Agreement (SPS Agreement) – Protects Human/Animal/Plant Health

SPS identifies Codex standards & guidelines as international benchmark

Measures taken by countries that **“conform to” Codex standards are “presumed” to be consistent with SPS obligations;**

Members are strongly encouraged to base their national measures on international standards (where they exist);

Members invited to participate in relevant **International standard Setting Bodies (ISSBs)** to the greatest extent possible.



Thank you

danke 謝謝 ngiyabonga
tesekkür ederim
спасибо Баярлалаа
dank je mersi barka welalin tack
gracias paldies grazzi mahalo tapadh leat
bedankt nanni nandri kiitos dankie
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rahmat najis tuke ありがとう
xiexie 感謝합니다
ευχαριστώ

enkosi bayarlalaa gracie
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