



الهيئة القومية لسلامة الغذاء
National Food Safety Authority



2024 EGYPTIAN GLOBAL FOOD SAFETY SYMPOSIUM (EGFoSS)

Modernized Food Regulatory Systems as an Engine of Innovation and Investment in the Food Production Sector

29-30 May 2024 • Four Seasons Hotel Cairo at the First Residence

Giza, Arab Republic of Egypt

Background and Objectives

The **National Food Safety Authority of Egypt (NFSA)** is partnering with the Egyptian **Chamber of Food Industries (CFI)**, and with the Initiative **Transforming the Assessment and Inspection of Food Businesses in Egypt (TAIB)**, implemented by Landolakes Venture 37 and funded by the United States Department of Agriculture (USDA) to launch the first series of the **Egyptian Global Food Safety Symposium (EGFoSS)**, which is set to take place this year under the theme “*Modernized Food Regulatory Systems as an Engine of Innovation and Investment in the Food Production Sector*”.

This event is organized on the margins of “World Food Safety Day”, gathering food safety opinion leaders and experts from Egypt and around the world to illustrate the commitment of the Arab Republic of Egypt, represented by its primary food safety regulator, to the collaborative nature of food safety solutions, showcasing that “Food Safety is Everyone’s Business”.

This event is also supported by the International Union of Food Science and Technology (IUFOST) and its disciplinary organisation for Food Regulatory Science, the Global Food Regulatory Science Society (GFRSS).

Modernizing Egypt’s food regulatory system as an engine for the development of the food and agri-food sector, one of the most vital economic sectors in Egypt, is supported at the highest level of leadership of the Arab Republic of Egypt, considering the positions expressed by His Excellency President Abdelfattah Al-Sissi, President of the Arab Republic of Egypt, directing “government authorities and partners engaged in the food and agriculture production sector towards improving their performance so that they can address food security challenges not only for Egypt but also for the whole African continent”.

This event is also in direct alignment with the **Vision** expressed through NFSA’s strategic plan for 2023-26, aiming to be:

“A leading science-based food regulatory authority in Africa and the Middle East, developing and implementing food control programs that effectively serve protecting consumer’s health, and create an environment appropriate for improving the performance of food and agrifood sector of the Arab Republic of Egypt, as well as building trust in Egyptian food products both at national and international level.”

The event’s program is assembled in the form of plenary and parallel sessions as well as panel discussions aimed to develop recommendations on how NFSA and its partners can further enhance the food regulatory oversight in Egypt in a manner that serve consumers’ interests and promote the development of the food production sector.

DAY 1: WEDNESDAY, 29 MAY 2024

9:00-10:00 Registration and Coffee

10.00-10:40 Ceremonial Opening

10:40-11:00 Media Briefing and Coffee Break

11:00-13:30 Technical Session 1

Supporting Innovation in the Food Production Sector – Experience Sharing and Best Practices

This session aims to share various experiences encountered in the Arab region and around the world to address new trends in food production systems through regulatory approaches, to promote and manage food innovation and to accommodate the current trends of food and ingredient production.

11:00-1300 Presentations will include sharing experiences on how innovation is being managed by food regulatory authorities around the world. **Possible** themes include:

- *The Singapore Food Story (SFS) - Reviewing the Singapore Food Story: Showcasing Efforts for Food Systems Transformation through Innovation – and how Singapore is aiming to secure 30% of its food needs from local sources by 2030*
- *Reviewing the Safety of Cell-based Meat Products: How Novel Meat Products and products resulting from Precision fermentation are regulated*
- *Regulating Novel Foods Around the World: reviewing how Novel Foods and innovation in food production systems are regulated*
- *Reviewing regional experience in managing novel foods and innovation in food production systems: Possibly experience shared from the Arab Region - Novel Foods Framework Developed by countries of the Gulf Cooperation Council (GCC).*

All themes are subject to change and to confirmation with prospective speakers

13:00–13:30 Question and Answer Session, including Moderated Discussion

Participation from members of the industry and key opinion leaders from the food science and food regulatory community:

The intent is to lead to possible recommendations as to how innovation can be managed through a Modernized Food Regulatory Regime of the National Food Safety Authority of Egypt (NFSA)

13:30 - 14:30 CATERED LUNCH

14:30-17:00 Technical Session 2

Reviewing New Technologies Supporting Sustainability and Resilience of Food Production Systems

This session aims to introduce processes and techniques supporting sustainability of food systems, such as approaches to extend the shelf life of food products, possible use of recycled material in food contact applications, including the way such applications may need to be regulated. This session will also offer a discussion of possible new trends of ingredient development, conditions of production and possible associated claims

14.30-16:10 Presentations will include the review of trends of innovation in the food production sector, including the development and introduction of disruption technologies to inhibit the growth of pathogens and to contribute to shelf extension of food products as well as efforts to develop food contact applications using recycled material, to support sustainability and environmental protection.

Possible themes include:

- *Introduction of Technologies that Enable Shelf-Life Extension and Enhanced Safety,*
- *Innovative Inhibitors of Pathogen Growth*
- *Methodologies to Determine Shelf-Life of Food Products*
- *Use of Recycled Materials in Food Contact Applications,*
- *New Trends in Food Production with the Relevant Regulatory Oversight*
- *Industry and Consumer Needs in Relation with New Products and Claims: e.g., Vegan and Sustainable Claims*
- *Date marking Requirements*

16:10-16:45 Question and Answer Session, including Moderated Discussion**16:45-17:00 Wrap-up and Review of Day 1 Recommendations**

- *Dr. Tareq El-Houby, Chairman of the Board / Meeting Host, NFSA, Arab Republic of Egypt*

17:00 Adjournment – Day 1

DAY 2: THURSDAY, 30 MAY 2024

9:00-10:30 Technical Session 3 – Part 1 (Parallel Sessions)

Food Risk Analysis to Support Decision-Making

9:00-10:30	Session 3a: NFSA's Proposed Approach to Manage Energy Drinks – A Risk Analysis Based Decision	Session 3b: Risk Assessments to Support Food Regulatory Decision-Making	Session 3c: Food Analytical Methods Used in Regulatory Settings
	<ul style="list-style-type: none"> Presentation and Panel Discussion <p><i>This session will enable stakeholder engagement.</i></p>	<ul style="list-style-type: none"> Risk-based import management Risk assessments supporting standards development 	<ul style="list-style-type: none"> Tracking known and emerging hazards Standardization of food analytical methods

10:30 - 11:00 HEALTH BREAK

11:00-12:30 Technical Sessions 3 – Part 2

Food Risk Analysis to Support Decision-Making

11:00-12:30	Session 3a: NFSA's Proposed Approach to Manage Energy Drinks – A Risk Analysis Based Decision	Session 3b: Risk Assessments to Support Food Regulatory Decision-Making	Session 3c: Food Analytical Methods Used in Regulatory Settings
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12:30 - 13:30 LUNCH BREAK

13:30-14:00 Report from Session 3a: NFSA's Proposed Approach to Manage Energy Drinks – A Risk Analysis Based Decision

14:00-14:30 Report from Session 3b: Risk Assessments to Support Food Regulatory Decision-Making
 Developments in Food Risk Assessment in Support of Formulating Evidence Based Regulatory Decisions: Review of recent risk assessments conducted in Egypt and in the Arab region that underpin food regulatory decision-making.

14:30-15:00 Report from Session 3c: Food Analytical Methods Used in Regulatory Settings
 Future Directions in Tracking Known and Emerging Hazards in Food – Developing and Standardizing Analytical Methods: Tracking Dioxins in Food, Reviewing Mycotoxins rapid methods, Emerging Techniques in Pathogen Analysis .

15:00-15:30 Reviewing the Korean System in Food Decision Making
 ➤ *Dr. Kim Jin Young, Country Director Egypt Office, Korean International Development Agency*

15:30-16:00 Reviewing NFSA's Journey in Developing Science and Evidence-Based Food Regulatory Decisions
Review of the TAIB Initiative – Outputs and Future Directions

16:00-16:30 Reviewing 2024 Symposium Outputs and Recommendations
 ➤ *Dr. Tareq El- Houby, Chairman of the Board / Meeting Host, NFSA, Arab Republic of Egypt*

16:30 Adjournment of the 2024 Egyptian Global Food Safety Symposium (EGFoSS)