



**MINISTRY OF HEALTH AND FAMILY WELFARE
GOVERNMENT OF INDIA**

**26th & 27th September, 2025
Bharat Mandapam, New Delhi**

3rd GLOBAL FOOD REGULATORS SUMMIT-2025

Evolving Food Systems *Yatha Annam Tatha Manah*

Date: 26-27 September 2025

Venue: Bharat Mandapam, Pragati Maidan, New Delhi

Overview

The Global Food Regulators Summit is an endeavor of Food Safety and Standards Authority of India (FSSAI), Ministry of Health and Family Welfare to create a platform of food regulators to exchange perspectives on strengthening food safety systems and regulatory framework across the food value chain.

The Food Safety and Regulatory Ecosystem needs to be constantly adapted to the emerging food hazards, new technologies, pandemic scenarios and ever evolving consumer needs. While there is evolution of food safety and regulatory framework across the globe, it is also extremely important to foster harmonisation of these policies to enable exchange of knowledge for building strategies to ensure safety and quality and provide safe food for all.

Objectives

- **Advance Regulatory Science & Innovation:** Promote cutting-edge scientific methodologies and digital tools to enhance risk assessment, surveillance, and decision-making—aligned with the *"Science in Action"* theme of World Food Safety Day 2025.
- **Foster Sustainable & Resilient Food Systems:** Support environmentally responsible food production, packaging, and waste reduction to contribute to long-term planetary and public health.
- **Ensure Nutritional Security:** Address emerging nutrition challenges by promoting safe and diverse food options, and enabling regulatory pathways for novel nutritional solutions.
- **Strengthen Global Regulatory Collaboration:** Promote international harmonization of standards, transparent food trade, and adoption of digital frameworks to enable seamless cross-border cooperation.
- **Fortify Surveillance, Labs & Testing Ecosystems:** Enhance infrastructure, analytical capabilities, and methodologies for robust food safety monitoring and rapid response.
- **Anticipate & Mitigate Emerging Risks:** Build foresight and resilience to tackle evolving risks—such as food fraud, novel contaminants, and antimicrobial resistance (AMR)—across the food value chain.

Participants

- All major food regulators globally of different countries
- International organizations: WHO, CODEX, FAO, EFSA (EU)
- International Food Research Institute: German Federal Institute for Risk Assessment (Germany). Center for Food Safety and Applied Nutrition (CFSAN) (USA), Health Canada, Australian Institute of Food Safety and Technology. The Brazilian Agricultural Research Corporation, National Food Research Institute Japan, Department for Environment, Food & Rural Affairs DEFRA (UK) etc.
- National Stakeholders: Department of Commerce, Ministry of Food Processing APEDA, MPEDA, EIC, IOPEPC, Spices Board, Tea Board, Coffee Board, DGFT, SHEFEXIL, CAPEXIL, importers, exporters, manufacturers, traders, industry association like Federation of Indian Export Organisations (FIEO), Forum of Indian Food Importers (FIFI), CII, FICCI, ASSOCHAM, IDA, IHA, IFBA, AIFPA etc., National institutes of research like CFTRI, NIFTEM, Central Institute of Fisheries Technology (CIFT), Central Institute of Fisheries Education (CIFE), National Research Centre (NRC) on meat, peanut and grapes etc., ABLE India, GFI etc.

Focus Areas

Enable dialogues on:

1. Global Regulatory Harmonization & Policy Frameworks
2. Integrating Science and Technologies towards Sustainable Food Systems
3. Dynamic Food Landscape – A Need for Pragmatic Approaches
4. Traditional Foods & Global Standards
5. Harnessing Digital Systems for Intelligent Surveillance and Proactive Risk Management
6. Empowering Regulators: Next-Generation Skills for a Complex Food System
7. Driving Food Safety: Through Strategic Public-Private Engagements
8. Combating Obesity: Nutrition, Fitness and Consumer Awareness

Expected Outcomes

- Enabling a Cohesive Network on Food Safety and Regulatory aspects.
- Enabling effective understanding of compliance requirements and mutual exchange of best practices, experiences and success stories on food safety norms/regulations.
- Explore opportunities to identify collaborative work areas to establish synergies among global regulators/organizations/agencies.

PROGRAMME SCHEDULE FOR GFRS-2025

VENUE: BHARAT MANDAPAM, NEW DELHI

Time	Plenary Sessions	Parallel Sessions	Networking & Exhibitions
08:00 – 10:30	Registration (Conference Area)		
10:30 – 11:30	Opening Ceremony (Plenary Hall; Level-3) Welcome Address & Special Address Releases and Launches, Inaugural Address		
11:30 – 11:45			Tea/Coffee Break & Traditional Wisdom & Modern Science for Nutrition Showcase (Pre-function Area; Level-2)
11:45 – 13:00	Session I: Global Regulatory Harmonization & Policy Frameworks (Auditorium-2; Level-2) Theme: Aligning national food laws with international standards and fostering consistent regulatory environments and exploring regulatory sandboxes to test new policies and foster consistent and safe global trade Context Setting, Key note Address & Panel Discussion	Ambassadors Conclave (Summit Room; Level-2) Theme: International Cooperation for cohesive food Regulation	
13:00 – 13:45			Networking Lunch & Sustainable Innovations in Food Showcase (Multi-purpose Hall; Level-3)
13:45 – 15:00	Session II: Integrating Science and Technologies towards Sustainable Food System (Auditorium-2; Level-2) Theme: Focusing on regulatory incentives and processed food waste, fostering resource efficiency, packaging recycling regulation as a global model, Concerns of Micro and Nano plastics as food contaminants Context Setting, Key note Address & Panel Discussion	Roundtable Dialogue (MSMEs/Startups) (Summit Room; Level-2) Theme: Strengthening Food Safety Culture in MSMEs- Challenges and Opportunities	
15:00 – 16:15	Session III: Dynamic Food Landscape – A Need for Pragmatic Approaches (Auditorium-2; Level-2) Theme: Novel Food, New food Sources and Production systems & Emerging Technologies – Balancing Science and Trade Ecosystem Context Setting, Key note Address & Panel Discussion		
16:15 – 16:30			Tea/Coffee Break & Ayurveda Aahar- A Personalized Food System Showcase (Pre-function Area; Level-2)
16:30 – 17:45	Session IV: Traditional Foods & Global Standards (Auditorium-2; Level-2) Theme: Global traditional food regulations, ethnic Foods, Integration of traditional foods in global food ecosystems, promotion of traditional foods to enhance global food diversity and nutritional wellness Context Setting, Key note Address & Panel Discussion	CEO Conclave (Summit Room; Level-2) Theme: Responsible Food Systems- Compliance & Consumer Trust	
18:00 onwards	Cultural Evening (Auditorium-2; Level-2)		Dinner (Multi-purpose Hall; Level-3)

DAY 02 - 27th September 2025			
Time	Plenary Sessions	Parallel Sessions	Networking & Exhibitions
10:00 – 11:15	<p>Session V: Harnessing Digital Systems for Intelligent Surveillance and Proactive Risk Management (Auditorium-2; Level-2)</p> <p>Theme: Impact of digital transformation on food safety, including AI-driven lab networks and next-gen analytical methods for precision testing, implementing data-driven, risk-based inspection systems and improving global traceability for food authentication and e-commerce regulation</p> <p>Context Setting, Key note Address & Panel Discussion</p>	<p>FSSAI-WHO Master Class Program (Technical Session) (Leaders Lounge; Level-2)</p> <p>Theme: CODEX & WHO Frameworks, Principles & Tools</p>	
11:15 – 12:00			<p>Tea/Coffee Break & Food Safety Ecosystem Digital Exhibition (Pre-function Area; Level-2)</p>
12:00 – 13:15	<p>Session VI: Empowering Regulators: Next-Generation Skills for a Complex Food System (Auditorium-2; Level-2)</p> <p>Theme: Addressing the critical need for developing the human capital within the global food safety ecosystem, focusing on the skills, mindset, and communication strategies required for regulators and food safety professionals to effectively manage evolving challenges</p> <p>Context Setting, Key note Address & Panel Discussion</p>	<p>FSSAI-WHO Master Class Program (Interaction Session) (Leaders Lounge; Level-2)</p> <p>Theme: CODEX & WHO Frameworks, Principles & Tools</p>	
13:15 – 14:00			<p>Networking Lunch & "Spice Route" Showcase (Multi-purpose Hall; Level-3)</p>
14:00 – 15:15	<p>Session VII: Driving Food Safety: Through Strategic Public-Private Engagements (Auditorium-2; Level-2)</p> <p>Theme: Role of Public private partnership in creating sustainable food safety eco-system, PPP-led initiatives to empower small food businesses, Engagements around R&D for antibiotic alternatives, improved veterinary practices, AMR surveillance through industry-led pilots, Strengthening Global Supply Chain Resilience and crisis management</p> <p>Context Setting, Key note Address & Panel Discussion</p>	<p>Bilateral and Networking Sessions on the Margins (Bilateral Room; Level-1)</p>	
15:15 – 15:30			<p>Tea/Coffee Break & Consumer Friendly Food Labelling & Advertisements (Pre-function Area; Level-2)</p>
15:30 – 16:45	<p>Session VIII: Combating Obesity: Nutrition, Fitness and Consumer Awareness (Auditorium-2; Level-2)</p> <p>Theme: Diverse Nutrient-Rich Diets, Role of regulation in Reformulation of Food: Promoting millets and advanced nutrient delivery systems, complimentary regulatory mechanisms to control advertising and marketing and raising consumer awareness</p> <p>Context Setting, Key note Address & Panel Discussion</p>	<p>Bilateral and Networking Sessions on the Margins (Bilateral Room; Level-1)</p>	
16:45 – 17:45	<p>Valedictory Ceremony (Auditorium-2; Level-2)</p> <p>Closing Remarks & Valedictory Address</p>		

Key Thematic Areas & Session Discussions

The summit's architecture is structured around eight inter-connected plenary sessions, directly mapping to FSSAI's core organizational structure, complemented by high-level parallel conclaves, reflecting the most pressing and forward-looking aspects of food safety regulation, designed to align with core divisional responsibilities and ensure global, national, and state-level relevance and aligning with Lab-to-Life Innovation" theme.

Session I: Global Regulatory Harmonization & Policy Frameworks

Strategic Focus: To establish a unified global policy landscape by promoting the adoption of international standards like Codex and fostering regulatory coherence. This session will explore the use of mutual recognition agreements, regulatory impact assessments, and innovative policy tools like sandboxes to reduce trade friction and ensure consistent safety standards across borders.

Discussion Topics:

Codex Alimentarius Implementation & Beyond: Practical adoption strategies for Codex standards, institutional mechanisms for harmonization, and the role of regional bodies in global standard-setting.

Trade Facilitation & Regulatory Cohesion: Addressing trade complexities arising from differing national standards, exploring mutual recognition agreements, and fostering inter-state regulatory alignment within federal structures.

Regulatory Impact Assessment (RIA) & Best Practices: Knowledge sharing on global case studies in regulatory impact analysis, focusing on effectiveness, efficiency, and unintended consequences.

Regulatory Sandboxes for Policy Innovation: Discussing the design and implementation of regulatory sandboxes to test new policies (e.g., for digital traceability, new business models) in a controlled environment before national rollout.

Capacity Building and Technical Assistance: Focusing on strategies and international partnerships to support developing countries in strengthening their regulatory systems to meet global standards.

Session II: Integrating Science and Technologies towards Sustainable Food Systems

Strategic Focus: To integrate environmental stewardship with food safety by examining the regulatory implications of sustainable practices. This session will focus on creating frameworks for the circular economy, addressing climate-induced food safety risks, and evaluating the role of biotechnology in building resilient and environmentally responsible food systems.

Discussion Topics:

Sustainable Food Production Standards: Developing regulatory incentives for environmentally responsible practices like regenerative agriculture, climate-resilient crops, and sustainable aquaculture.

Circularity in Food Systems: Focusing on regulatory frameworks to minimize post-harvest losses and

processed food waste, including scaling regulations for recycled food contact materials (like rPET).

Addressing Emerging Contaminants: Discussing the regulatory concerns and scientific assessment of micro and nano plastics as food contaminants.

Climate Change and Food Safety: Analyzing the impact of climate change on food safety (e.g., increased mycotoxins, new pest patterns) and developing adaptive regulatory strategies.

Biotechnology for Sustainability: Examining the regulatory landscape for biotechnologies (like gene editing) that can enhance crop resilience, reduce pesticide use, and contribute to sustainable food systems.

Session III: Dynamic Food Landscape – A Need for Pragmatic Approaches

Strategic Focus: To develop agile and pragmatic regulatory frameworks that can keep pace with rapid innovation in food technology. This session will concentrate on creating clear approval pathways for novel foods, such as those from cellular agriculture and precision fermentation, while ensuring robust safety assessments and building consumer trust.

Discussion Topics:

Agile Regulatory Pathways for Novelty: Establishing safe, flexible, and clear approval processes for innovative food technologies (e.g., cellular agriculture, precision fermentation).

Balancing Innovation and Safety: Discussing risk assessment methodologies for emerging technologies and ensuring consumer trust through transparent and science-based regulation.

Fast-Track Innovation & Ease of Doing Business: Streamlining approval processes for breakthrough safety technologies and novel food products to support a dynamic food industry.

Global Collaboration on Safety Assessments: Establishing frameworks for international collaboration on the safety assessment of new food technologies to avoid duplication of efforts and foster trust.

Consumer Communication and Trust Building: Developing strategies for transparent communication with the public about the benefits and risks of novel foods to build consumer confidence.

Session IV: Traditional Foods & Global Standards

Strategic Focus: To bridge the gap between ancient food wisdom and modern nutritional science by developing global standards for traditional and ethnic foods. This session will also explore regulatory pathways for the growing categories of functional and personalized foods, ensuring their safety, efficacy, and truthful claims.

Discussion Topics:

Global Regulations for Traditional Foods: Examining different national and regional approaches to regulating traditional foods and identifying pathways for harmonization.

Integrating Traditional Knowledge Systems: Discussing the integration of systems like Ayurveda Aahar into modern regulatory frameworks while respecting cultural heritage.

Frameworks for Functional Foods: Establishing clear criteria for substantiating health claims for

functional foods to ensure they are based on scientific evidence.

Regulating Personalized Nutrition: Addressing the challenges of regulating personalized nutrition services and products, from data privacy to safety and efficacy.

Promoting Food Diversity for Nutritional Wellness: Highlighting how traditional, functional, and personalized foods can collectively contribute to global food diversity and improve public health outcomes.

Session V: Harnessing Digital Systems for Intelligent Surveillance and Proactive Risk Management

Strategic Focus: To shift food safety from a reactive to a proactive model by harnessing the power of digital transformation. This session will focus on building intelligent surveillance systems using AI and bigdata, strengthening lab networks, and leveraging blockchain for end-to-end supply chain traceability and integrity.

Discussion Topics:

Risk-Based Inspection Systems: Implementing data-driven, risk-based inspection systems to prioritize resources and enhance the efficiency of regulatory oversight.

Revolutionizing Lab Networks: Strengthening lab networks with AI, automation, and next-gen analytical methods for precision testing and rapid diagnostics.

Global Traceability and E-commerce Regulation: Improving global traceability for food authentication and developing harmonized regulatory frameworks for the cross-border e-commerce food sector.

Predictive Analytics for Outbreak Prevention: Exploring the use of AI and big data to predict potential food safety hotspots and prevent outbreaks before they occur.

Blockchain for Supply Chain Integrity: Assessing the potential and challenges of using blockchain technology to enhance transparency, traceability, and trust in complex global supply chains.

Session VI: Empowering Regulators: Next-Generation Skills for a Complex Food System

Strategic Focus: To invest in the human capital of the global food safety ecosystem by identifying and developing the next generation of regulatory skills. This session will address the need for modernized training, fostering a proactive food safety culture, and equipping regulators with the communication and soft skills necessary for a complex world.

Discussion Topics:

Modernizing Regulatory Training: Designing new curricula for food inspectors that cover data science, risk communication, biotechnology, and circular economy principles.

Fostering a Proactive Food Safety Culture: Strategies for shifting the mindset within both regulatory agencies and food businesses from reactive compliance to a proactive culture of prevention.

Risk Communication in the Digital Age: Developing skills for regulators to clearly communicate complex science, uncertainty, and food safety incidents to a public influenced by social media.

Public-Private Partnerships in Workforce Development: Creating collaborative programs between government, academia, and industry to build a pipeline of skilled food safety professionals.

Soft Skills for the Modern Regulator: Emphasizing the importance of critical thinking, adaptability, and collaborative problem-solving for effective global cooperation.

Session VII: Driving Food Safety: Through Strategic Public-Private Engagements

Strategic Focus: To move beyond traditional oversight by establishing dynamic public-private engagement models that leverage shared expertise and resources. This session will explore collaborative frameworks for everything from R&D and AMR surveillance to joint crisis management and strengthening supply chain resilience.

Discussion Topics:

Role of PPPs in a Sustainable Food Safety Ecosystem: Exploring how public-private partnerships can build a sustainable food safety culture and create initiatives to empower small and medium-sized food businesses.

Collaborative R&D and AMR Surveillance: Fostering engagements around research for antibiotic alternatives, improving veterinary practices, and establishing industry-led pilots for AMR surveillance.

Strengthening Global Supply Chain Resilience: Discussing joint strategies between public and private sectors to build more resilient and secure global food supply chains against disruptions.

Enhancing Food Authentication and Integrity: Focusing on collaborative approaches and technologies for food authentication to combat fraud and ensure product integrity.

Joint Crisis Management: Developing protocols for public-private response to food safety incidents, ensuring rapid communication, coordinated recalls, and effective public messaging.

Session VIII: Combating Obesity: Nutrition, Fitness and Consumer Awareness

Strategic Focus: To examine the role of food regulation as a key tool for advancing public health and combating non-communicable diseases. This session will focus on nutritional strategies such as promoting dietary diversity, incentivizing food reformulation, and implementing policies that empower consumers to make healthier choices.

Discussion Topics:

Promoting Diverse Nutrient-Rich Diets: Regulatory and promotional strategies for food diversification, including millets, and frameworks for food fortification.

Regulation for Food Reformulation: Examining regulatory mechanisms to encourage the reformulation of processed foods to reduce salt, sugar, and unhealthy fats.

Consumer Awareness and Responsible Marketing: Discussing regulatory mechanisms to control advertising of foods, particularly to children, and a wider discussion on strategies for raising consumer awareness.

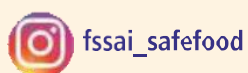
Fiscal Policies and Public Health: Debating the role and impact of fiscal measures, such as taxes on sugar-sweetened beverages, in promoting healthier diets.



स्वास्थ्य एवं
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