

GF  RSS



المبادرة العربية  
للدستور الغذائي



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VENTURE 37

# ARAB FOOD CONSUMPTION DATA INITIATIVE

*Supporting Representative Exposure Assessments in the Arab Region*

**FIRST EXPERT MEETING**

**of the Arab Food Consumption Data Network**

*23 February 2024 • St-Regis Marsa Arabia, Doha, State of Qatar*



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# Introduction of the Arab Codex Initiative

# Collaborative Initiative



# Objectives

- ❑ *Enhance Capacity Building and the Development of Codex Programs in the Arab Region*
- ❑ *Support Enhanced Coordination of Codex Activities and Codex Positions, including through Support to the Elected Regional Coordinator*
- ❑ *Promote Leadership of the Region in Codex / International Food Standard Setting*
- ❑ *Support in Building the Foundations of Codex Activities and Food Control Systems*



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# الهدف: دعم المشاركة الفعالة في أنشطة الدستور الغذائي

## المجالات الأساسية للتدخل:

❖ دعم للتنسيق الإقليمي عبر المركز العربي للمواصفات والمقاييس و العمل المشترك مع العضو المنسق المنتخب من الاقليم:

✓ المساهمة في الاعداد الفعال للمشاركة في فعاليات الجان الفرعية للدستور الغذائي مثل تحليل بنود جدول أعمال اللجان ذات الأولوية.

❖ المساهمة في إنشاء شبكة خبراء مختصين يساندون الجهات المعنية في التطرق للمسائل الفنية التي تناقش في مداورات الدستور الغذائي

❖ دعم الأنشطة العلمية مثل المبادرة لتطبيق الدليل الإرشادي لتطوير الحدود القصوى لمتبقيات العقاقير البيطرية اعتمادا على مقاييس الدستور الغذائي : أنسجة الابل، أنسجة اسماك مختلفة

❖ الاستثمار في الكفاءات والقدرات الوطنية والاقليمية

❖ دعم هياكل التنسيق الرسمية الإقليمية في المنطقة العربية:

- التعاون مع المنظمة العربية للتنمية الصناعية، التقييس و التعدين
- التعاون مع هيئة التقييس لدول مجلس التعاون لدول الخليج العربية

❖ تعزيز نقاط الاتصال الوطنية للدستور الغذائي بالمنطقة العربية



arabcodex.org



## في فعاليات الدستور الغذائي

- الاستثمار في تطوير والتوصل الى البيانات
- الاستثمار في تأهيل الكفاءات لاستدامة العمل والمشاركة في اعداد المواصفات العالمية
- دعم أساليب اعتماد مواصفات الدستور الغذائي في الاجراءات التنظيمية للغذاء على الصعيد الوطني والإقليمي (العربي/الخليجي)



## Decisions are to be based on **Scientific Analysis and Evidence**

### ☐ SPS Agreement

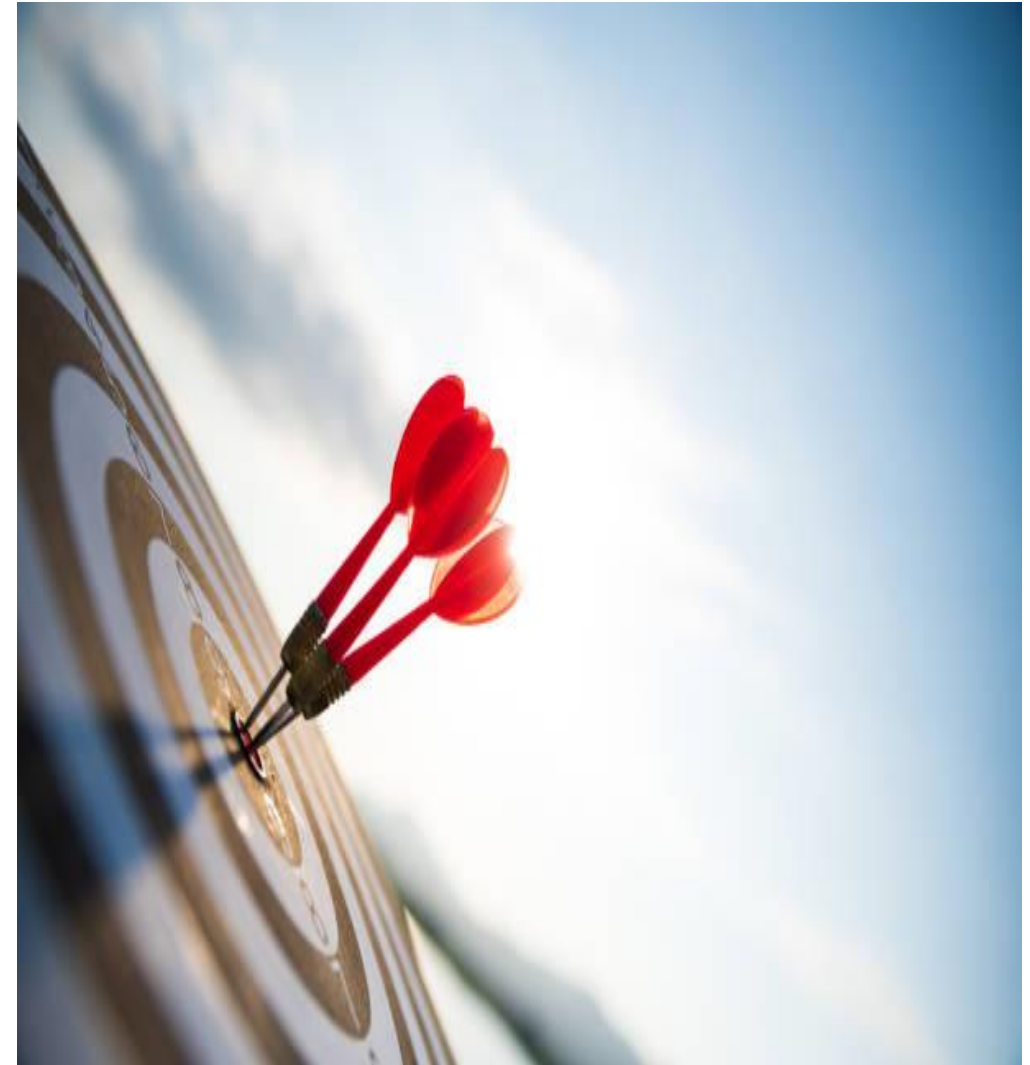
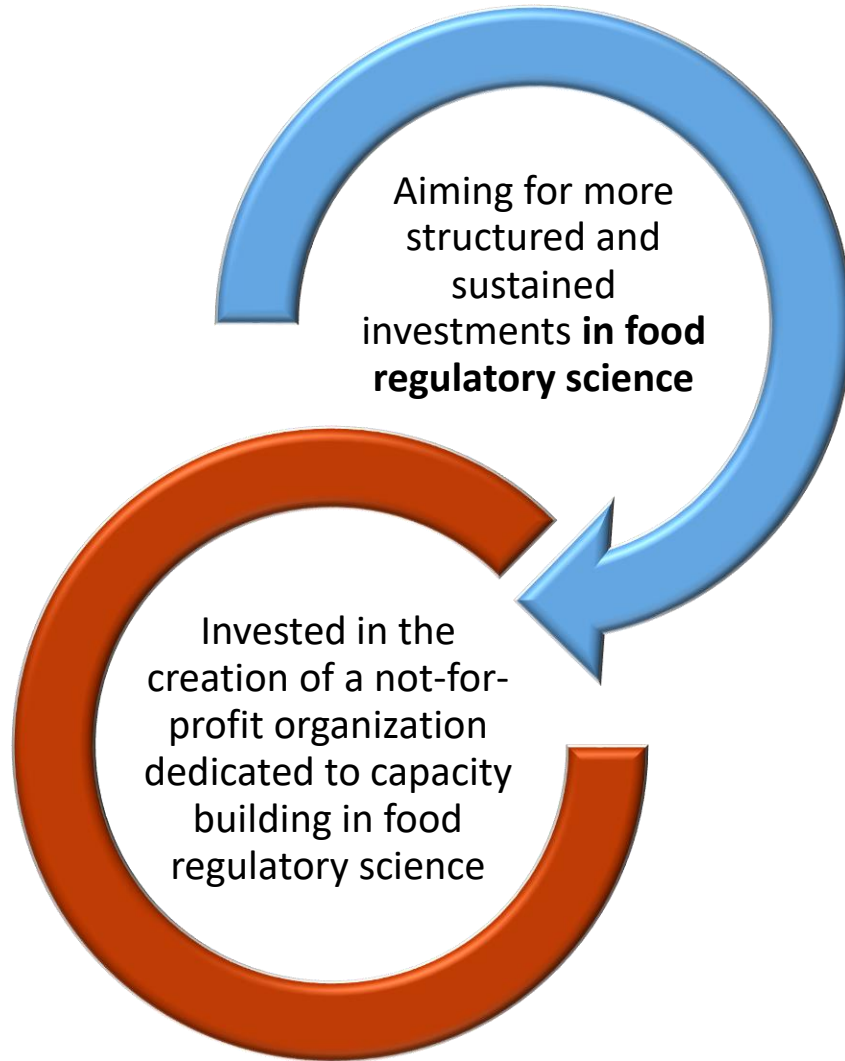
- Applies to **all sanitary and phytosanitary measures** which may, directly or indirectly, affect international trade.



### ☐ TBT Agreement

- Ensures that technical regulations, standards, and conformity assessment procedures are **non-discriminatory and do not create unnecessary obstacles to trade**.
- Applies to **all products, including industrial and agricultural products**
- **Does not apply** to sanitary and phytosanitary measures as defined in SPS Agreement

# Aiming for More...







## Objective:

- To promote the generation and dissemination of knowledge and competencies related to food regulatory sciences:
  - All scientific – experimental and social sciences – disciplines applied in the context of developing and understanding food regulatory decisions including, but not limited to, food risk analysis and associated disciplines, food law and economic impact assessment of food regulatory measures.

# Introducing GFoRSS



- ❑ A not-for-profit organization incorporated according to the laws of the province of Québec and the Canadian Confederation.
- ❑ Hosted by the Food Risk Analysis and Regulatory Excellence Platform (PARERA) of the Institute of Nutrition and Functional Foods, Université Laval, Québec, Canada.
- ❑ Created in 2019 in Dubai, UAE and Incorporated in Canada December 2020.
- ❑ **Part of the International Union of Food Science and Technology – Disciplinary Organisation in Food Regulatory Science:** IUFoST is the Global voice of Food Science and Technology.

[www.gforss.org](http://www.gforss.org)



IUFoST

Strengthening Global Food Science  
and Technology for Humanity



# Areas of Interventions

## ☐ Support to **Data Generation and Dissemination:**

- Fostering availability and organization of food contaminants data
- Supporting Generation and Utilization of Food Consumption Data

## ☐ Support to **Risk Assessment Competency Development:**

- Dedicated Training Material under Development and Delivery

## ☐ Support to **Codex Initiatives:**

- Arab Codex Initiative, Asia Codex Initiative, SWP Codex

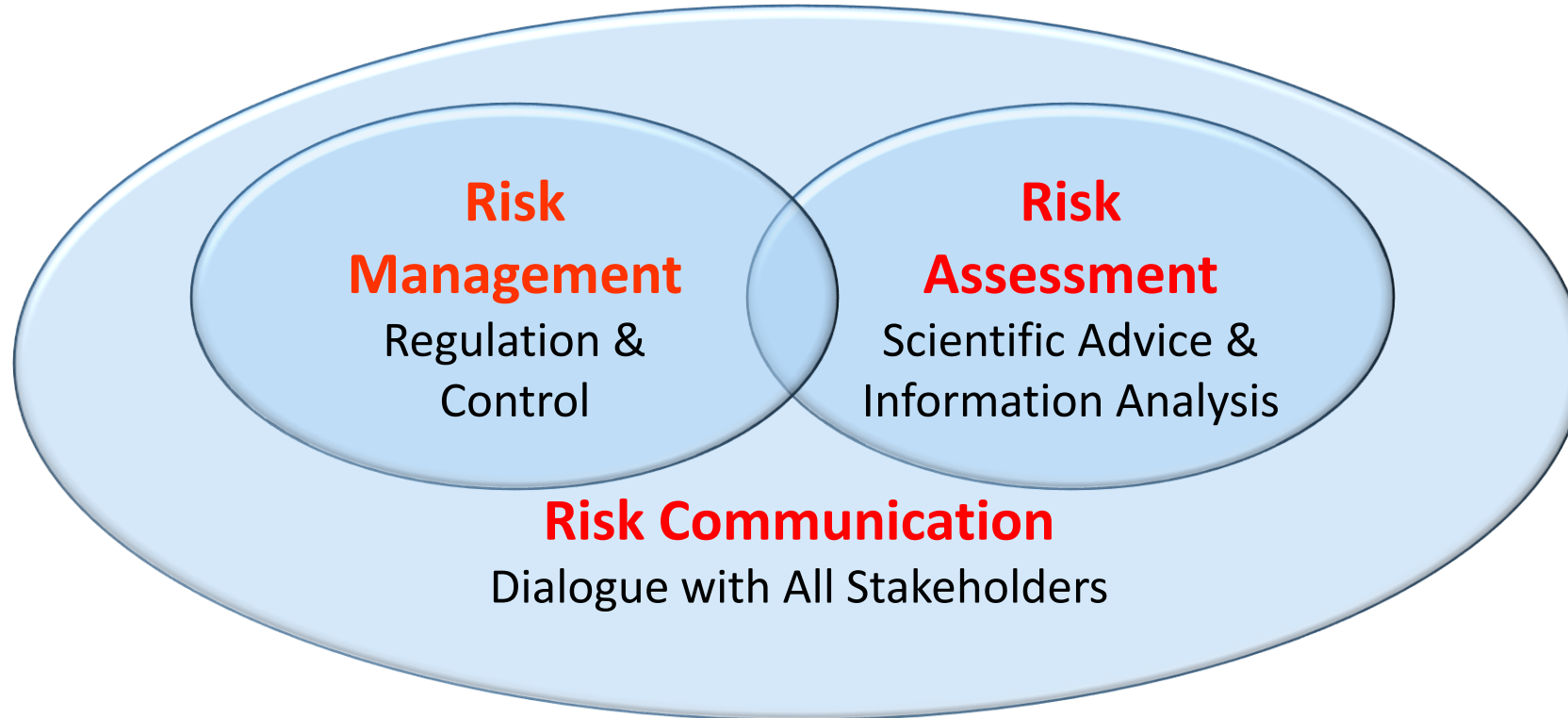
## ☐ Support to **Food Laboratory Science:** Training, Structure and Sustainability

## ☐ Support to Training in **Food Regulatory Policies** : including Leadership Training, Structure and Organization of Food Control Agencies,

## ☐ Support to **Information and Communication Tools (ICT)** enabling food regulatory functions

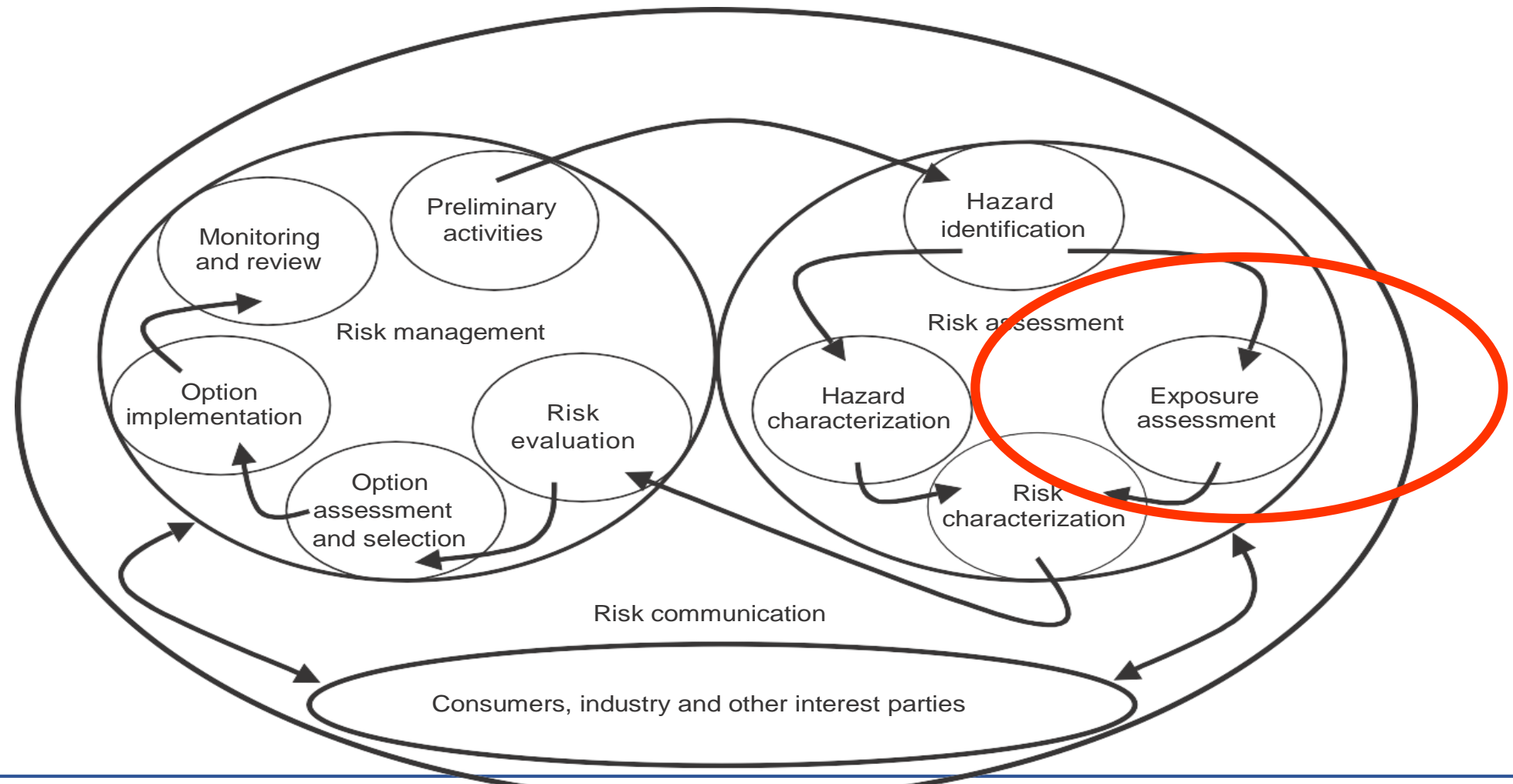


## Key Pillars of a Robust Food Control System



# Risk Analysis → Robust Food (Regulatory) Decisions

## Continued Reliance on Risk Analysis for Food (Regulatory) Decision-Making



# Dietary Intakes/Exposure Assessment

Overall Diet	Amount brought by each food	=	Amount Consumed (g/day)	X	Occurrence data (µg/g)	=	Body weight (kg)	=	Intake / Exposure (µg/kg/day)
			=	141,9	X	0,0093	=	/ 65	=
		=	198,4	X	0,0009	=	/ 65	=	0,003
		=	191,5	X	0,0076	=	/ 65	=	0,022
		=	541,4	X	0,0025	=	/ 65	=	0,021
		=	315,0	X	0,0007	=	/ 65	=	0,003
	Total	=						=	0,070 (µg/kg/day)

**Occurrence of  
Food Chemicals**



**Food  
consumption**



# Objectives of the Arab Food Consumption Data Initiative

*stakeholders for exposure assessment purposes.*

- ✓ *Develop agreed-upon methodologies of food consumption data collection that can be used consistently by Arab food risk assessment authorities to implement food consumption surveys in their respective jurisdictions.*
- ✓ *Develop and maintain the set of enabling tools, including Information and Communication Technologies (ICT) that support the consistent deployment of food consumption data collection in the Arab region e.g., applications of data collection, applications for data analysis, etc.*
- ✓ *Develop training material and capacity building programs to disseminate knowledge and support the adoption of consistent / harmonized methodologies and tools supporting food consumption data collection in the Arab region.*
- ✓ *Develop and maintain a network of experts that support the sustainable management of food consumption data, for risk assessment use in the Arab region.*





## □ The **first meeting** of the Arab experts will aim to chart a path for the following project milestones:

- Contribute to the mapping of current activities supporting food consumption data collection in the Arab region, with a clear landscape of availability of such data and their accompanying resources.
- Contribute to making available the outputs of previous efforts of food consumption data collection activities and ensuring their accessibility by the Arab food risk assessment community.
- Contribute to the development of a path forward for the review and adoption of consistent / harmonized methodologies to be applied for the various surveys relevant to food consumption data collection – for example, 24-hour recall surveys, Food Frequency Questionnaires (FFQ), etc. – and the associated enablers, such as, templates, ICTs, etc.

# A Collective Effort



