

Food Regulatory Science WEBINAR 2024 Series




In collaboration with

Supporting the Development of Camel-Derived Products

WHY A PROPOSED STANDARD FOR CAMEL MILK ?

In conjunction with the 47th Session of the Codex Alimentarius Commission - CAC47

 **26th of November**
12:00 PM (GMT)

Scan the QR-Code
to register your participation



KEYNOTE SPEAKERS:

Eng. Sonia Garbi¹
Dr. Amine Kassouf²
1 ADAFSA (UAE), 2 GFORSS



MODERATED BY:

Dr. Ruba Goussous
*Member of GFORSS and
Food Safety Expert at the Jordan
Food and Drug Administration (JFDA)*





هيئة أبوظبي للزراعة والسلامة الغذائية
ABU DHABI AGRICULTURE AND FOOD
SAFETY AUTHORITY



CAMEL MILK STANDARD DEVELOPMENT

The efforts deployed by United Arab Emirates in Developing a New Proposal on Camel Milk Products

26 November 2024

Engineer. Sonia Baldi

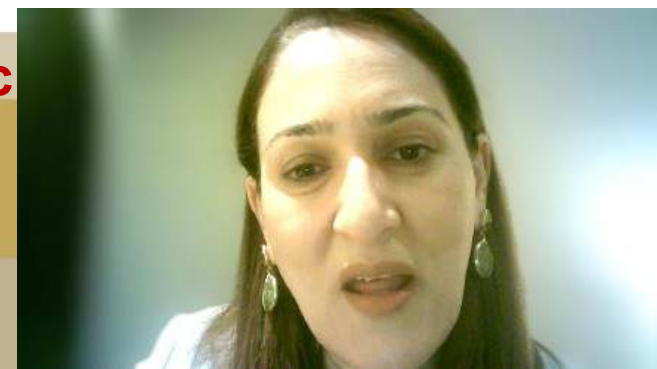
Plant Policies and Regulation Expert

Member of United Arab Emirates Codex Committee

***Member of the National Expert Working Group on Pesticide**

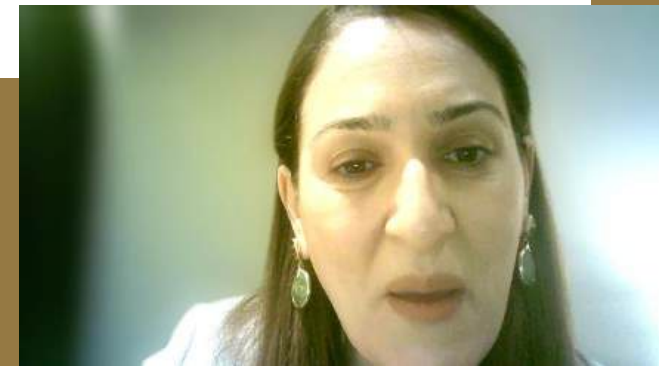
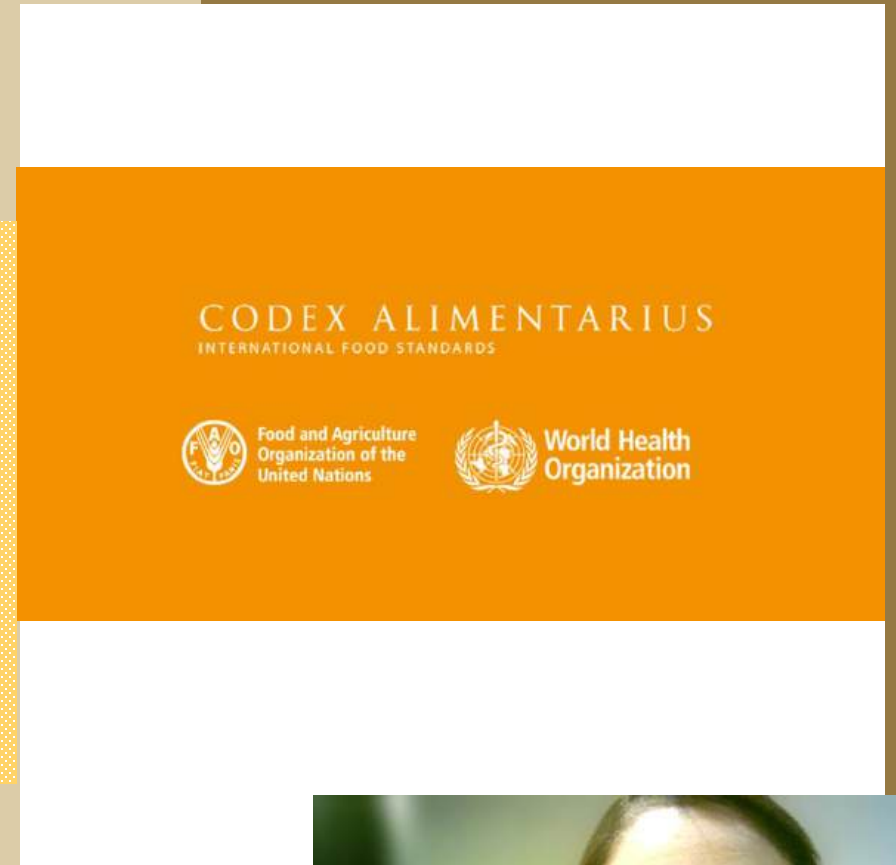
Residues ADAFSA-

United Arab Emirates

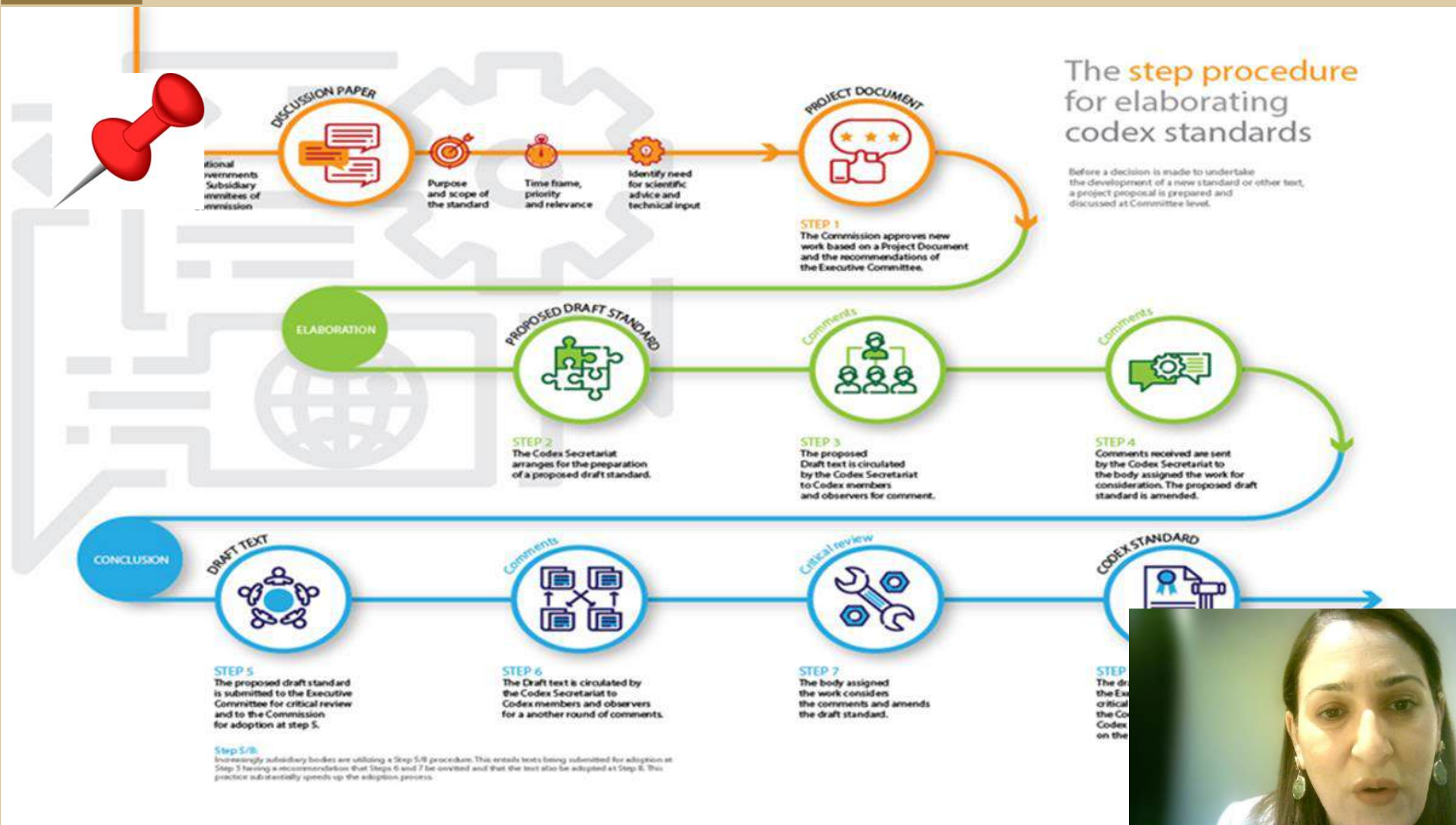


OUTLINE

- 1- Codex Step Procedure**
- 2- Standard Development criteria according to Codex**
- 3- Workflow: from CCNE 11 to CAC47**
- 4- Stakeholders Consultations**
- 5- New Proposal on Camel Milk Products by UAE**
- 4- Steps forward**

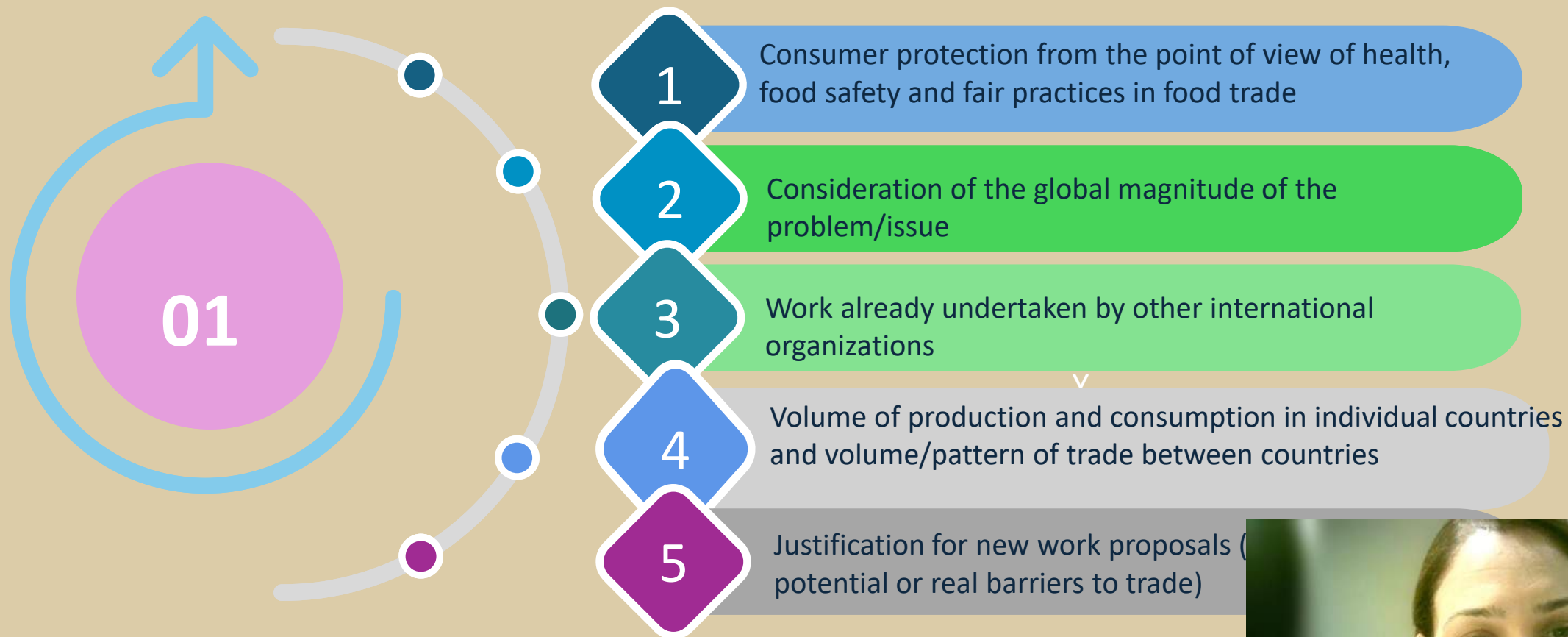


Codex Step Procedure



Process to Develop/Revise Codex Text










1. Criteria for the Establishment of Work Priorities

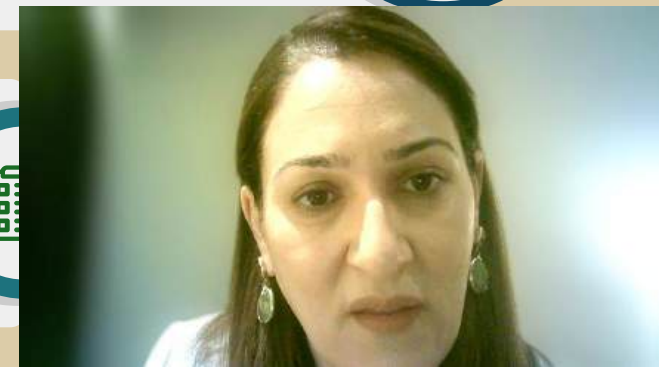


Process to Develop/Revise Codex Text

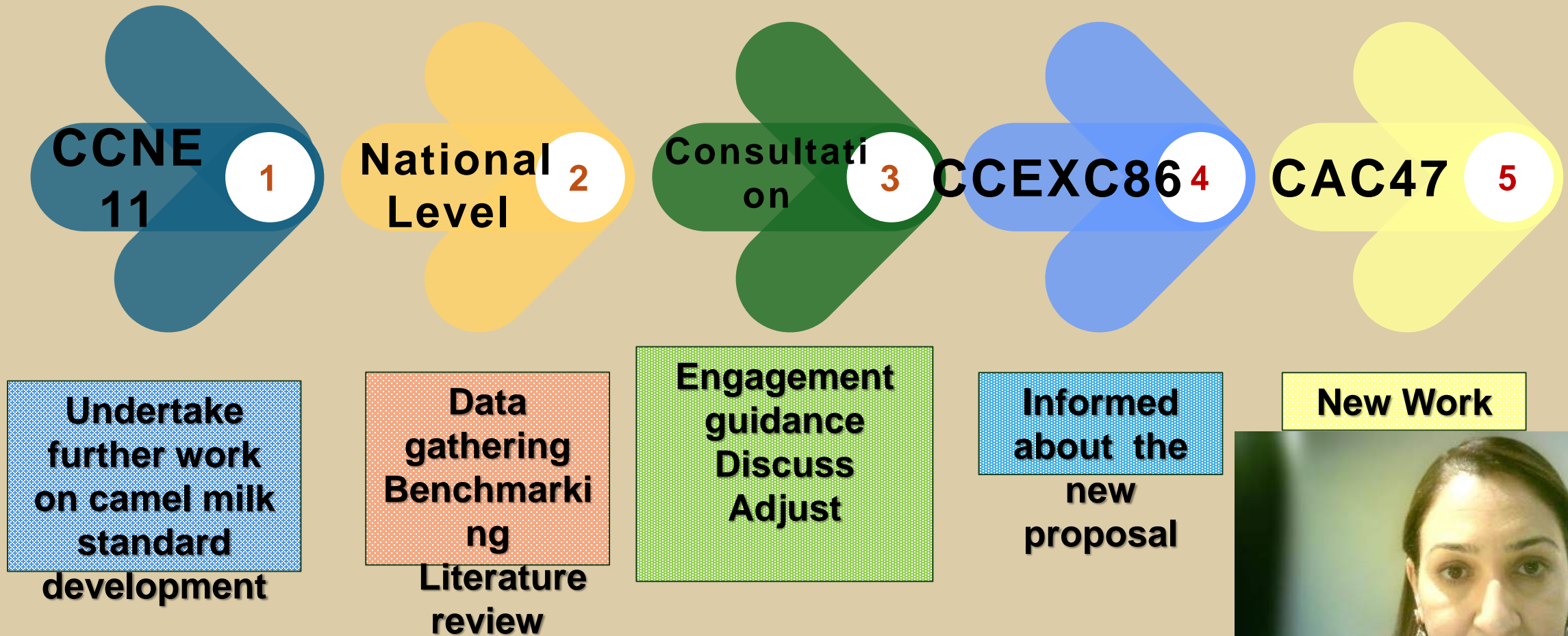
2. Project Document Must Include



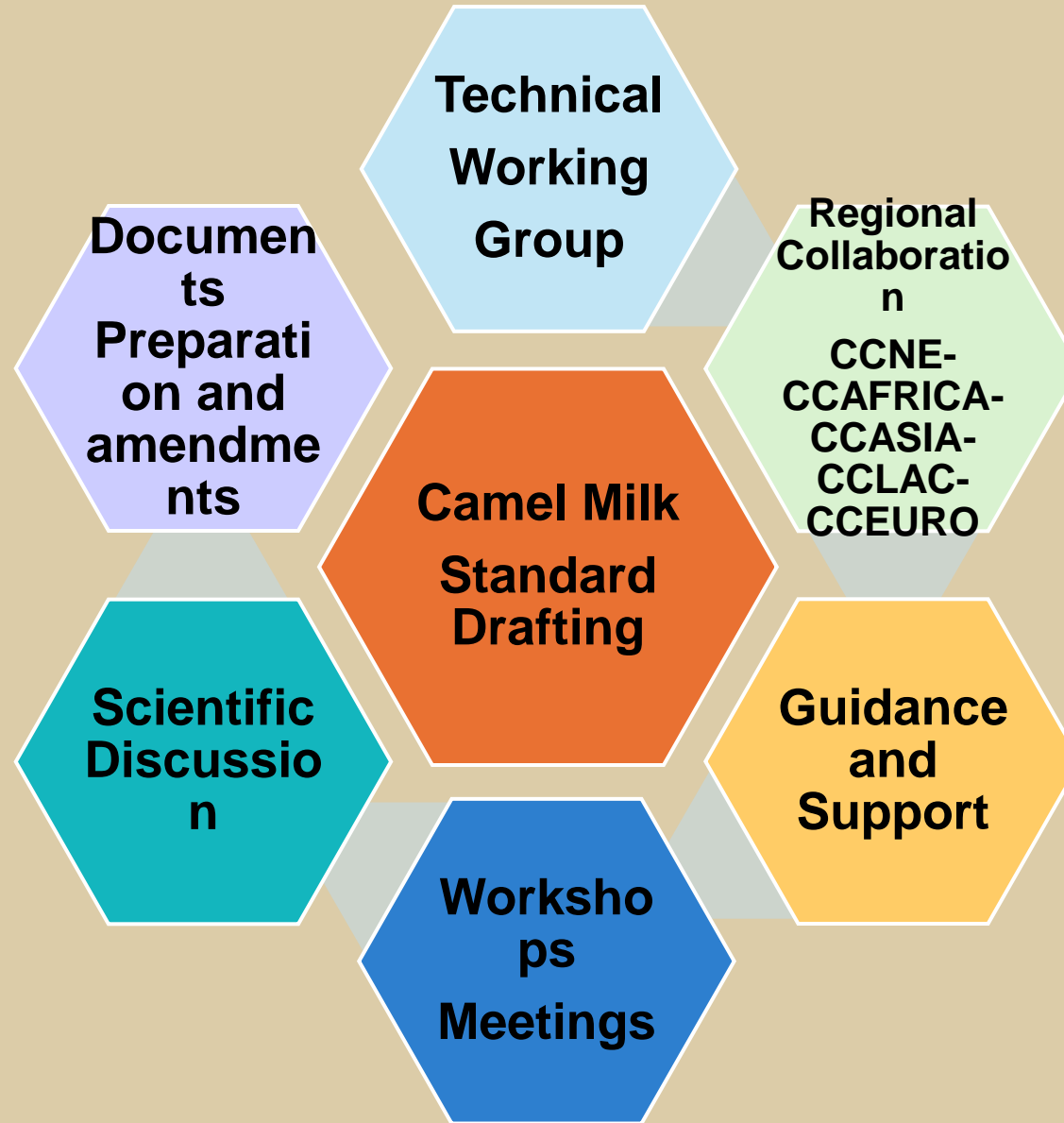
- 1 The Purpose and Scope of the Standard 
- 2 Its relevance and timeliness 
- 3 The main aspects to be covered 
- 4 An assessment against the Criteria for the Establishment of Work Priorities 
- 5 Information on relation between the proposal and other Codex documents 
- 6 The identification of requirement for expert scientific advice 
- 7 The identification of need for technical Input from external bodies 
- 8 Its relevance to the Codex Strategic Objectives 
- 9 The proposed time-line for completion of the work 



Pathway Towards a Standard Development



Standard Development Requirements: global work (Multi-stakeholders)



Technical Working Group: 4 Meetings

مجلس اجتماع

هيئة أبوظبي للزراعة والسلامة الغذائية
ABU DHABI AGRICULTURE AND FOOD SAFETY AUTHORITY

رقم الاجتماع	التاريخ	الموضوع
1	2024-03-04	التعريف بالفرق وتقسيم الأدوار
2	2024-03-11	مراجعة خطة العمل على تطوير المواصفة
3	2024-03-18	مناقشة النتائج والتحديات
4	2024-03-25	الاجتماع الختامي

رقم الوثيقة	نفاذ الوثيقة
1	<p>تمت الموافقة على المواصفة القياسية لمنتجات الحليب من إناث الجمال في دولة الإمارات العربية المتحدة من قبل هيئة أبوظبي للزراعة والسلامة الغذائية في 18 مارس 2024. تم إعداد المواصفة القياسية بالتعاون مع خبراء من منظمة الصحة العالمية ومنظمة الأغذية والزراعة للأمم المتحدة (FAO) ومنظمة الصحة العالمية (WHO). كما تمت الموافقة على المواصفة القياسية من قبل منظمة الصحة العالمية (WHO) ومنظمة الأغذية والزراعة للأمم المتحدة (FAO) ومنظمة الصحة العالمية (WHO).</p>
2	<p>تمت الموافقة على المواصفة القياسية لمنتجات الحليب من إناث الجمال في دولة الإمارات العربية المتحدة من قبل هيئة أبوظبي للزراعة والسلامة الغذائية في 18 مارس 2024. تم إعداد المواصفة القياسية بالتعاون مع خبراء من منظمة الصحة العالمية ومنظمة الأغذية والزراعة للأمم المتحدة (FAO) ومنظمة الصحة العالمية (WHO). كما تمت الموافقة على المواصفة القياسية من قبل منظمة الصحة العالمية (WHO) ومنظمة الأغذية والزراعة للأمم المتحدة (FAO) ومنظمة الصحة العالمية (WHO).</p>
3	<p>تمت الموافقة على المواصفة القياسية لمنتجات الحليب من إناث الجمال في دولة الإمارات العربية المتحدة من قبل هيئة أبوظبي للزراعة والسلامة الغذائية في 18 مارس 2024. تم إعداد المواصفة القياسية بالتعاون مع خبراء من منظمة الصحة العالمية ومنظمة الأغذية والزراعة للأمم المتحدة (FAO) ومنظمة الصحة العالمية (WHO). كما تمت الموافقة على المواصفة القياسية من قبل منظمة الصحة العالمية (WHO) ومنظمة الأغذية والزراعة للأمم المتحدة (FAO) ومنظمة الصحة العالمية (WHO).</p>
4	<p>تمت الموافقة على المواصفة القياسية لمنتجات الحليب من إناث الجمال في دولة الإمارات العربية المتحدة من قبل هيئة أبوظبي للزراعة والسلامة الغذائية في 18 مارس 2024. تم إعداد المواصفة القياسية بالتعاون مع خبراء من منظمة الصحة العالمية ومنظمة الأغذية والزراعة للأمم المتحدة (FAO) ومنظمة الصحة العالمية (WHO). كما تمت الموافقة على المواصفة القياسية من قبل منظمة الصحة العالمية (WHO) ومنظمة الأغذية والزراعة للأمم المتحدة (FAO) ومنظمة الصحة العالمية (WHO).</p>



Data Gathering



	Organization/Unit:	إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:
	Document Title:	Food And Environment Laboratories Section TEST REPORT	عنوان الوثيقة: بلدية دبي DUBAI MUNICIPALITY
	Doc Ref.:	DM-DCLD-F-FE-4096	رقم الوثيقة:

Report ID: 592584

REQUEST NO.: FITR-2023-0003357

Report Issue Date: 11/05/2023

Customer	Name: Al Ain Farms For Livestock Production
	Address and Location: NA
Sample Description: chilled raw camel liquid milk	

Risk-based regulatory programme for the control of contaminants in food

Country	United Arab Emirates	DATE	
Year of plan implementation	2024		
Animal species or product	Raw milk (other) Camel Milk		
Planned number of samples	20		

Groups of contaminants to be controlled (cf. Annex I to Regulation (EU) 2022/931)	Planned number of SAMPLES	COMPOUND or MARKER RESIDUE	MATRIX ANALYSED	SCREENING METHOD	Validated (Y/N)	CONFIRMATORY METHOD	Validated (Y/N)	SCREEN METH. DETECTION LIMIT (µg/kg)	CONFIR METH. DETECTION LIMIT (µg/kg)
Halogenated persistent organic pollutants	20	PCB-28	Camel milk			GC-MS/MS	Y	0.3	
		PCB-52	Camel milk			GC-MS/MS	Y	0.3	
		PCB-111	Camel milk			GC-MS/MS	Y	0.3	
		PCB-170	Camel milk			GC-MS/MS	Y	0.3	
		PCB-138	Camel milk			GC-MS/MS	Y	0.3	
Metals	4	Lead	Camel milk			ICP-MS	Y	5	
		Arsenic	Camel milk			ICP-MS	Y	5	
		Cadmium	Camel milk			ICP-MS	Y	5	
		Mercury	Camel milk			ICP-MS	Y	5	
Mycotoxins	20	AflatoxinM1	Camel milk			HPLC/FLD	Y	0.01	
Others	0								

Ipronicazole (IPZ)	DM-DCLD-SOP-FE-2366	µg/kg	0.03	NOT DETECTED
Chloramphenicol	DM-DCLD-SOP-FE-2375*	µg/kg	0.2	NOT DETECTED
Florfenicol	DM-DCLD-SOP-FE-2375*	µg/kg	2	NOT DETECTED
Thiamphenicol	DM-DCLD-SOP-FE-2375*	µg/kg	3.6	NOT DETECTED
Nitrofurantoin (AHD)	DM-DCLD-SOP-FE-2375*	µg/kg	0.2	NOT DETECTED
Furaltadone (AMOZ)	DM-DCLD-SOP-FE-2375*	µg/kg	0.2	NOT DETECTED
Furazolidone (AOZ)	DM-DCLD-SOP-FE-2375*	µg/kg	0.2	NOT DETECTED

Date of Issue :	12/12/2021	Rev No. : 6
General / عام :	Level of Confidentiality / درجة السرية	Page 1 of 3

IDENTIFICATION:

Specification No. S/5/07

Ref no GSO 174/2021

Product Name Raw Camel Milk

INGREDIENTS

N/A

PHYSICAL PROPERTIES:

Sl. No.	Date	Product Category	Sample Category	Product Name	Pack Size	Filer Code	Gross Wt (kg)	Batch Code	Prod Date	Expiry Date	Filling Time	Temp (°C)	Seal Quality (Cap/Tray/Bag) & P/B Appearance	pH	Acidity (NLA)	fat %	Protein (g)
4	30-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	SPX	-	29	29-Jan-24	-	0:00	-	OK	6.44	0.11	27.3	-
4	30-Jan-24	Pasteurized Camel Milk	Random Sample	Low Fat Camel Milk	1 Lit	C1	1080	30	31-Jan-24	05-Feb-24	7:57	6.1	OK	6.65	0.12	1.36	2.65
5	30-Jan-24	Pasteurized Camel Milk	Random Sample	Low Fat Camel Milk	500 ml	C1	548	30	31-Jan-24	05-Feb-24	7:47	5.4	OK	6.65	0.12	1.36	2.65
6	30-Jan-24	Pasteurized Camel Milk	Random Sample	Full Cream Camel Milk	1 Lit	C1	1078	30	31-Jan-24	05-Feb-24	8:41	5.3	OK	6.66	0.12	2.84	2.73
7	30-Jan-24	Pasteurized Camel Milk	Random Sample	Full Cream Camel Milk	500 ml	C1	551	30	31-Jan-24	05-Feb-24	9:10	5.8	OK	6.66	0.12	2.84	2.73
8	30-Jan-24	Pasteurized Camel Milk	Random Sample	Full Cream Camel Milk	250 ml	C1	287	30	31-Jan-24	05-Feb-24	9:02	5.4	OK	6.66	0.12	2.84	2.73
9	30-Jan-24	Lactose Free Cow Laban	Random Sample	Lactose Free Cow Laban	500 ml	C1	558	30	31-Jan-24	09-Feb-24	9:45	5.3	OK	4.58	0.68	3.1	-
10	30-Jan-24	Organic Laban	Random Sample	Organic Laban	500 ml	C1	555	30	01-Feb-24	10-Feb-24	10:29	5.5	OK	4.59	0.69	3.3	-
1	30-Jan-24	Flavored Laban	Random Sample	Strawberry Flavored Laban	200 ml	C1	-	30	-	-	-	-	OK	-	-	-	-
2	30-Jan-24	Flavored Laban	Random Sample	Strawberry Flavored Laban	200 ml	C1	242	30	31-Jan-24	09-Feb-24	11:39	6.3	OK	4.4	0.62	1.2	-
3	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	SPX	-	30	30-Jan-24	-	12:30	-	OK	6.42	0.11	26	-
4	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	SPX	-	30	30-Jan-24	-	13:30	-	OK	6.42	0.11	26	-
5	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	SPX	-	30	30-Jan-24	-	14:30	-	OK	6.42	0.11	26	-
6	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	SPX	-	30	30-Jan-24	-	15:30	-	OK	6.42	0.11	26	-
7	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	SPX	-	30	30-Jan-24	-	16:30	-	OK	6.42	0.11	26	-
8	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	SPX	-	30	30-Jan-24	-	17:30	-	OK	6.42	0.11	26	-
9	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	SPX	-	30	30-Jan-24	-	18:30	-	OK	6.42	0.11	26	-
10	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	SPX	-	30	30-Jan-24	-	19:30	-	OK	6.42	0.11	26	-
1	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	SPX	-	30	30-Jan-24	-	20:30	-	OK	6.42	0.11	26	-
2	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	SPX	-	30	30-Jan-24	-	21:30	-	OK	6.42	0.11	26	-
3	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	SPX	-	30	30-Jan-24	-	22:30	-	OK	6.42	0.11	26	-
4	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	SPX	-	30	30-Jan-24	-	23:30	-	OK	6.42	0.11	26	-
5	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	SPX	-	30	30-Jan-24	-	0:00	-	OK	6.42	0.11	26	-
6	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	GEA	-	30	30-Jan-24	-	19:30	-	OK	6.37	0.11	28	-
7	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	GEA	-	30	30-Jan-24	-	21:30	-	OK	6.37	0.11	28	-
8	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	GEA	-	30	30-Jan-24	-	23:30	-	OK	6.37	0.11	28	-
9	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	GEA	-	30	30-Jan-24	-	1:30	-	OK	6.37	0.11	28	-
10	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	GEA	-	30	30-Jan-24	-	3:30	-	OK	6.37	0.11	28	-
1	31-Jan-24	Camel Milk Powder	Random Sample	Camel Milk Powder	25 kg	GEA	-	30	30-Jan-24	-	5:00	-	OK	6.37	0.11	28	-
2	31-Jan-24	Pasteurized Camel Milk	Random Sample	Low Fat Camel Milk	1 Lit	C1	1077	31	01-Feb-24	06-Feb-24	8:17	5.4	OK	6.58	0.13	1.33	2.73
3	31-Jan-24	Pasteurized Camel Milk	Random Sample	Low Fat Camel Milk	500 ml	C1	-	-	-	-	-	-	-	-	-	-	-

Prepared By: Team Leader NPD
Approved By: NPd Manager
Doc. No.: RM/NPD/01 Gr



Field visits

مزارع العين
Al Ain Farms

كاميليشيس
Camelicious



- Practices in camel farming and milk processing
- Challenges facing the industrials in both research or innovation and regulation levels



Standard Development Workflow: main milestones

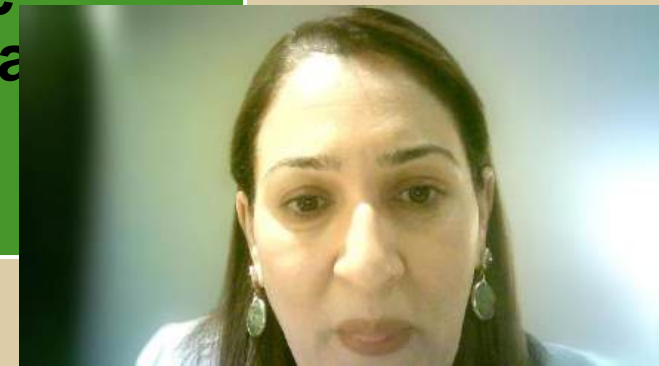
Literature Review on Characteristics of Camel Milk: identification of nutritional distinctive criteria



Documenting conditions of production of Camel Milk, with emphasis on items included in the MMP standards

Review of existing Standards established at regional and international level

Gather data supporting the project document: Trade and other economic aspects related to Camel Milk



International Consultations



Initial Engagement for Camel Milk Standard Development with Experts from International Dairy Federation (I... Abu Dhabi Agriculture & Food Safety Authority

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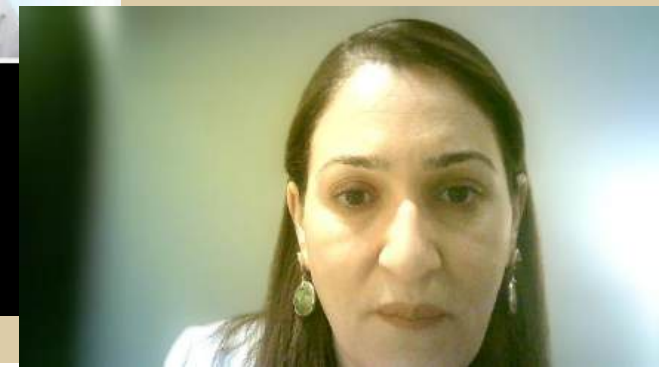
Chat People 16 Raise React View Notes Rooms Apps More Camera Mic Share Leave

Sonia Alkafy Baldi	Michael Hickey IDF (Unverified)	Jehad Raffeq Abdel Fattah Al Bayari	Khaled Abdulla Khaleel Al Marzouqi
Mohamed Taha Ibrahim Abdelwahed	Ahmed Mahmoud Metwali Essawi	Anabel Mulet Cabero (External)	Sergei Kiselev (External)
Najla Sulaiman Ali Alfazari	Hajar Tiglifet - GFORSS (Unverified)	Ahlam Abdulmuhsen Abdulla Al Mannaei (External)	Amine Kassout (External)
Jordan -Dr. Ruba N. Goussous JFDA Technical Consul...	Mutamed Ayyash (Unverified)	Khalid Abdulla Mohd (External)	Khaled Obaid Salem Al Abdouli

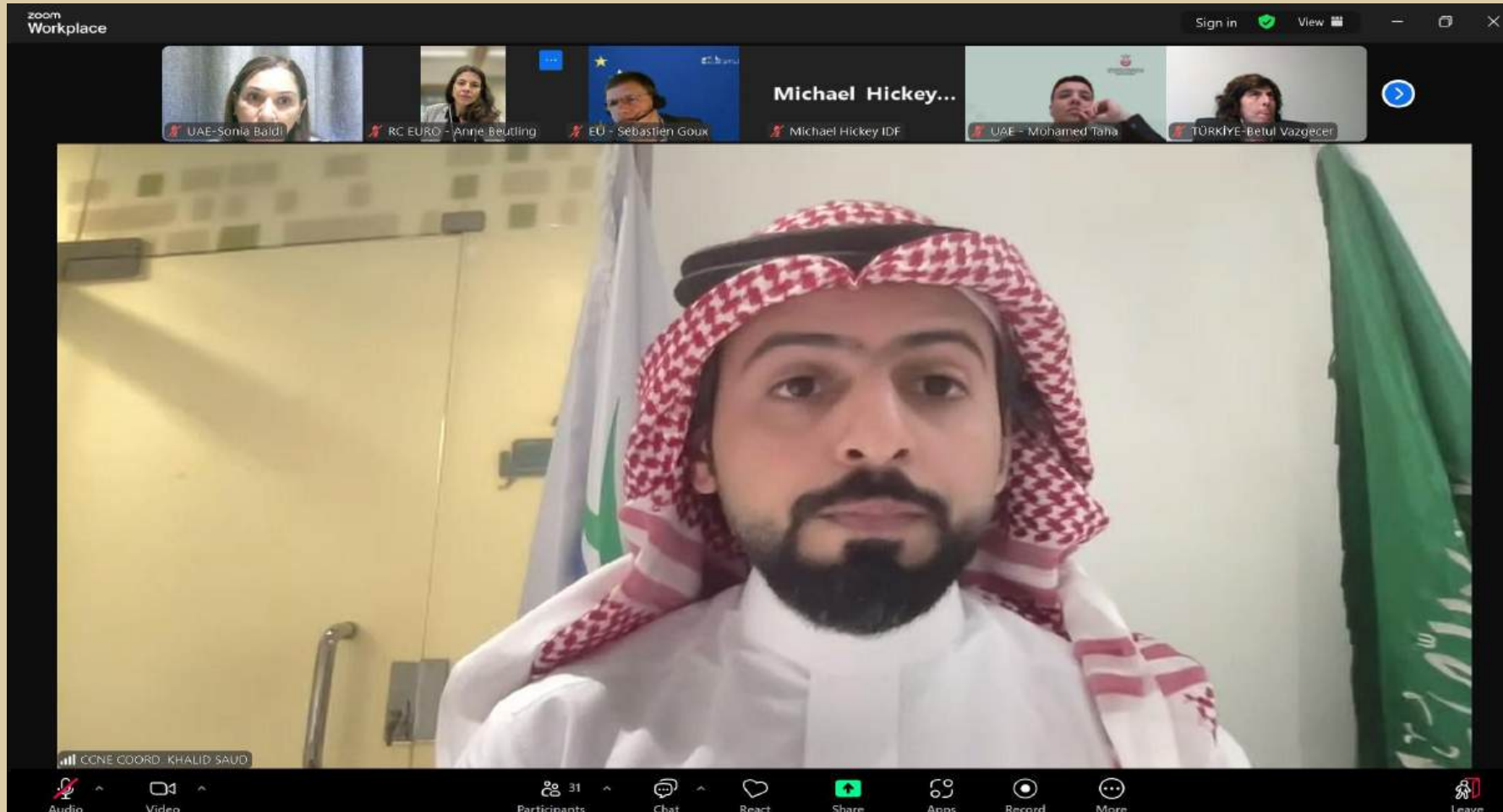
Codex Secretariat

CCMMP

IDF



Collaboration Meetings with Codex Regional Committees



CCNE

CCAFRICA

CCASIA

CCLAC

CCEURO



OUTPUT OF International Consultations



1- Highlight the efforts done by UAE in seeking guidance and support

2- Support the proposal on Camel Milk products standard that will promote the trade on this commodity

3- Provide comments on the drafts

4- Participate in the co-authoring

5- Contribute actively in promoting the proposal

Country:	Sultanate of Oman				
Organization:	Ministry of Agricultural Wealth, Fisheries and Water Resources				
Date	31/10/2024				
Data Source: Link or reference	ali.alghafri@mafwr.gov.om				
Herd details (official statistics)					
Number of Camels (Unit= Millions)	0.296				
Number of milking Camels(Unit= Millions)	0.4				
Types of Herd (if known)	one humped				
Average Age of the Camels	40 - 50				
Main diseases and corresponding vaccines	Prucellosis (vaccine Rv1) , Trepanosomiasis (treatment) , Jhons (paratuberculosis vaccine)				
Production					
Item (Unit= Tons)	2020	2021	2022	2023	(1- 9) 2024
Production of Raw Camel Milk	0	0	1149.7	2367.15	3755
Production of pasteurized Camel Milk	0	0	1149.7	2367.15	3755
Production of Powder Camel Milk	0	0	0	0	0
Production of ice cream	0	0	0	0	0
Production of ghee	0	0	0	0	0
Production of other camel milk products	0	0	0	0	0
Export					
Item (Unit= Tons)	2019	2020	2021	2022	2023
Quantity of Camel Milk Exported	0	0	0	0	2367
Country Exporter	0	0	0	0	KSA
Camel Milk Properties (as per standard)					
	Full cream	low fat	skimmed		
Protein content %	0	2.65	0		
lactose	0	3.2 - 3.6	0		
total ash	0	0	0		
Total solids %	0	MIN 10	0		
total non -fat solids (%)	0				
Fatty acid profile	0				
Casein (%)	0				



Correspondance

Re:RE: Re:Re Re: Ca Fwd: Camel milk comments

To: Sonia
Cc: fany

Lowery, Kenneth - OSEC, DC <ken.lowery@usda.gov>

Dear Sonia,
Glad to hear from
Currently, there is camel milk powde
The GB standard
I agree with you th
Yours,
Claire

Dear Sonia,
I'm glad to
Attached are
Ken

1. S
2. S

Please fin
with war
Zhanar T
Kazakhst
PhD

Keneth Low
Senior International Issues Analyst
U.S. Codex
Office of the Under Secretary
Trade and Foreign Agricultural Affairs
Room 4861-S
1400 Independence Avenue SW
Washington DC 20250-3700
Ken.Lowery@usda.gov

FW: Call for comments and data from CCNE member countries

Sonia Akaly Baki
cc: codex@oia@usda.gov
Khalid Al-Chor, Egsredel Inc/AgriSource, Mubashir Muhammad Al-Nakhi, Ihab Khatib, Ahmed Farid, Al Bayan

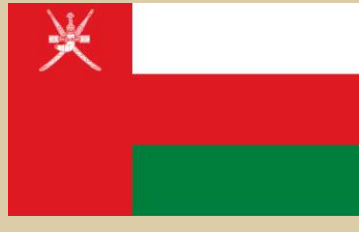
Call for Data - Camel Milk Tunisia Sep 2024 (1) (2) Data 14 KB
Draft Standard for Revisited Camel Milk UJM-August 2024 - Comments from Tunisia.docx 96 KB

Moza Alka
Food and
malika@...
Tel: (+974)

Qatar Standardization Organization
Qatar General Organization for Standardization

السادة/ معدي -
تحية طيبة وبعد
نشكر لكم مجهود
كل التحية والت

الأفضل، السادة نقطة اتصال المستوى العالي بالصحة العامة التحسين.
تحية طيبة.
يستخدم لكم فريق عمل التأسيسية الدولية لحليب البقول دولة الإمارات العربية المتحدة بأعلى المعايير و يشرككم على البيانات والاختبارات التي تم تقديمها
كما يصرنا إعلامكم أننا نعتد تنظيم اجتماع التزم مع بول العلم القريب الأولي شاملة الامتحانات والمقاربات.
تمتعت لكم بالتحية والتواصل.
مع فائق الإعتزاز والقدرة.



3 PM

الفا
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JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEX COMMITTEE ON MILK AND MILK PRODUCTS

Discussion Paper on the Development of New Work on

A Camel Milk Commodity Standard

Author: United Arab Emirates,

Co-authors: Kenya, Chad, Mali, Niger, Somalia, China, Oman, Tunisia, Morocco
Kazakhstan, Qatar, Iraq, Iran, Jordan, Egypt and the International Union of Food
Science and Technology¹ (IUFoST)

1. Background

The United Nations has designated 2024 as the International Year of Camelids (IYC 2024) to spotlight the overlooked potential of camelids.

Raising awareness and encouraging increased investment in the camelid sector aligns with the objectives of this year, with added support to research, capacity development, and the adoption of innovative practices and technologies in the food production sector. Camelids, through the provision of milk and meat, contribute significantly to the advancement of Sustainable Development Goals (SDGs), specifically those addressing hunger, the elimination of extreme poverty, the empowerment of women, and the sustainable utilization of terrestrial ecosystems.

Furthermore and during the 11th session of the Codex Committee for the Near East (CCNE11), which was held at FAO Headquarters, Rome, Italy, from 18 September to 22 September 2023, the United Arab Emirates (UAE) introduced a proposal to develop a regional standard for pasteurized Camel Milk of the species *Camelus dromedarius* (one-humped camel), highlighting the increase in Camel Milk production and trade, at regional

¹ Through the contribution of IUFoST's disciplinary group on food regulatory science: the [Global Food Regulatory Science Society \(GForSS\)](#).

JOINT FAO/WHO FOOD STANDARDS PROGRAMME
CODEX COMMITTEE ON MILK AND MILK PRODUCTS

Project Document on the Development of a Standard on
on Camel Milk Products

1. Purpose and scope of the standard

The purpose of this work is to develop an international standard for Camel Milk products, to account for their specificities as dairy products, with emphasis on developing a standard of authenticity to prevent adulteration of products derived from Camel Milk.

The proposed Standard would also include guidance on conditions of production of Camel Milk products, that are applicable to these products by referring to the relevant Codex texts such as those developed by CCMP (e.g., STANDARD FOR MILK POWDERS AND CREAM POWDER CXS 207-1999) and those developed by other horizontal committees (e.g., Code of Hygienic Practice for Milk and Milk Products CXC 57-2004).

The proposed standard would identify any important deviations from the current guidance included in the referred Codex standards as a result of the distinct characteristics of Camel Milk products, in comparison with other dairy products.

The Standard would apply to Camel Milk products intended for human consumption, i.e., ready for their intended use as human food for direct consumption or for further processing. The Standard would apply to the most traded products, such as Powder Camel Milk or Pasteurized Camel Milk or any other products offering an important development potential.

The standard will aim to address Camel Milk products derived from the species *Camelus dromedarius* (one-humped) or *Camelus bactrianus* (two-humped) camels.

One of the objectives pursued from this standard is to have a single "Codex reference standard" for Camel Milk products, referring to or based upon Codex texts with the relevant changes that encompasses:



Camel Milk Composition

1- The unique attributes of Camel Milk products mainly the absence of **β -lactoglobulin**, one of the main milk allergens and a highly prevalent protein found in whey products, **is naturally absent from Camel Milk.**

2-This feature makes Camel Milk and its products closer to human milk, with a lower allergenic potential, and places such products in high market demand.

The abundance of β -casein is similar to what is found in human milk and is known to contribute to easier digestibility, as these proteins are less resistant to peptide hydrolysis than α S-casein (Ho et al., 2022).

2- The increased interest and trade opportunities make these subject to illicit manufacturing and false representation **leading to consumer deception and fraud**; thus, threaten the integrity of this valuable commodity's supply chain.



Current Environment of Camel Milk

**Increased
production
and demand**

**Produced in
different
geographical
regions**

**Traditional
Methods of
Production**

**Large portion of
the production
is NOT included
in the FORMAL
trade**

**Several Camel
Milk Products**



Benefits of An International Standard on Camel Milk Products

An international standard under the auspices of the Codex Alimentarius Commission, would support:

- **Maintaining the integrity of the Camel Milk Products supply chain by enabling a standard of authenticity**
- **Better dissemination of the knowledge about Camel Milk products supporting their broader uptake in various markets**
- **Enabling improved guidance to producers about the specificities of Camel Milk product requirements that must be considered when applying the Codex dairy standards already in place, including any new set of conditions that would be specific to Camel Milk due to its unique attributes.**

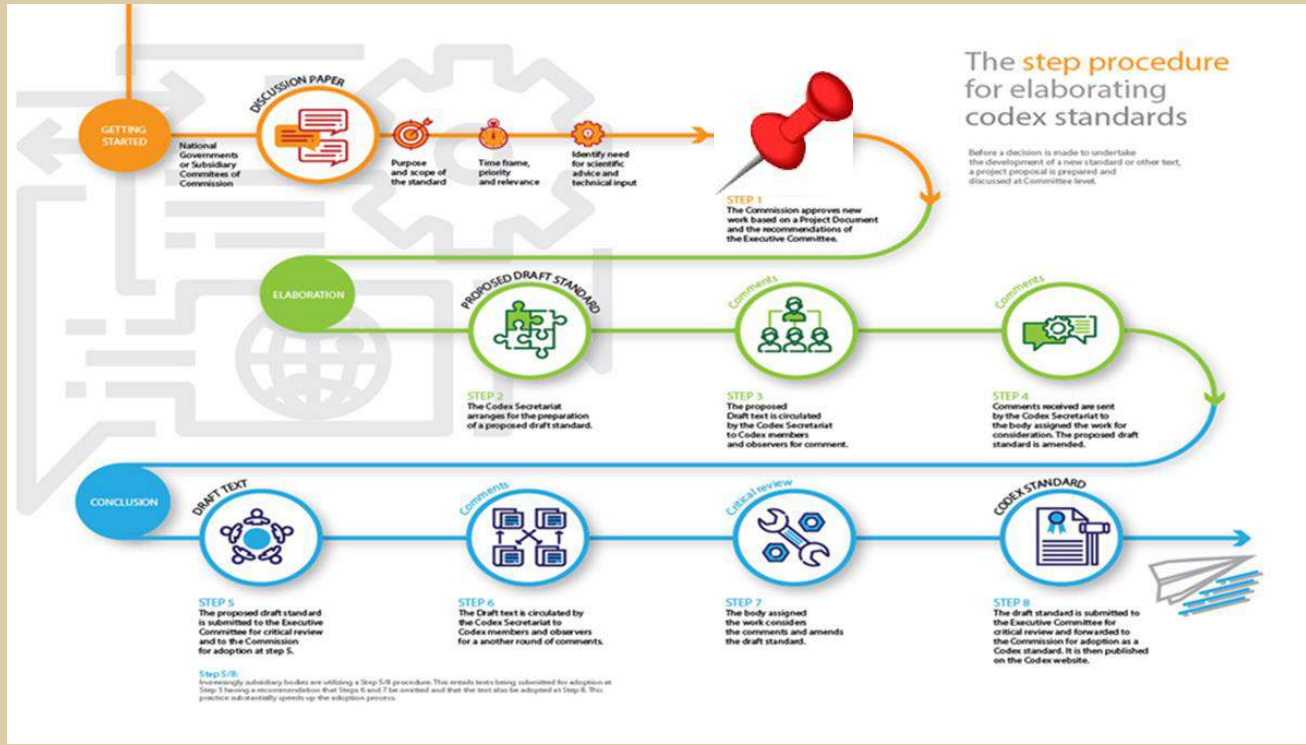


Steps Forward: Formation of an EWG under the CCMMP to:

- ❑ **Review Current Codex Standards under CCMMP** that may be applicable to Camel Milk products and identify areas that should be updated or enhanced.
- ❑ **Review and make recommendations for updates of other Codex standards developed by horizontal committees** with possible implications on Camel Milk Products including:
 - The Code of Hygienic Practice for Milk and Milk Products (CXC 57-2004),
 - Principles and Guidelines for the Establishment and Application of Microbiological Criteria Related to Foods (CXG 21-1997),
 - General Standard for Contaminants and Toxins in Foods and Feeds (CXS 193- 1995), and
 - General Principles of Food Hygiene (CXC 1-1969)
 - Recommended methods of Analysis and Sampling (CXS 234-1999)
- ❑ **Develop a new standard for Camel Milk products, where relevant, to account for their specificities with emphasis on the most traded products**, such as Camel Milk Powder and other products offering an important development potential, for example: Liquid Pasteurized Camel Milk. The focus should be on developing a standard of authenticity enabling attestation and legitimacy of products derived from Camel Milk.



STEPS FORWARD



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Item 16: Discussion paper on the development of new work on a camel milk commodity standard (Prepared by United Arab Emirates)

21/11/2024



CAC47/CRD03





Thank you

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Thank You!