



Food Safety in Dairy Development

Stakeholder Consultation Workshop – East Africa

ILRI Campus, Nairobi, 3-4 November 2014

Thematic Focus: “Improving Food Safety On-Farm to Enhance Supply Chain Linkages and Consumer Product Safety”

Background and Objective

Milk markets in many countries in Eastern and Southern Africa are undergoing significant change in respect to the development of local supplies in response to increased market demand which to date has largely been serviced through imported milk powder, butter and cheese. Milk production in East Africa comes mostly from poor smallholder producers but whether from these informal producers or more formal larger farms, the food safety status is regarded as low. Safer food can improve health and generate wealth for the smallholders but attaining safe food and safe food production in developing countries requires a radical change in food safety assessment, management and communication¹

This workshop will review the specific food safety needs of small and medium sized milk producers in the context of the current developments in milk production and processing with the objective of identifying opportunities and approaches for enhancing the prevailing situation.

The aim is to determine how the GFSP with input from relevant partners including international organizations such as FAO, OIE, WHO and CODEX, and relevant sector / industry associations such as IDF, ESADA and SSAFE as well as with multi-lateral and bi-lateral donors, NGOs and commercial interests can assist more effectively to improve food safety within integrated dairy supply chains using public private partnership (PPP) approaches.

PPPs have seen significant growth in the past 20 years and are now used in more than 134 developing countries, contributing significantly in many areas including program implementation across a wide range of areas and subjects. Most developing countries and the World Bank Group see potential for the expanded use of PPPs to help overcome inadequacies which constrain economic growth and

¹ ILRI – SAFE FOOD FAIR FOOD

opportunity. However, designing and implementing effective PPPs can be a challenging endeavor.

Output and Outcome

The immediate output of the workshop will be the identification of a range of capacity building actions including appropriate training materials for improvement of on-farm food safety compliance in milk production which can be scaled up and delivered within PPP structures involving sector stakeholders. This particularly refers to development and commercial interests who are working directly with producers but also to training and service providers. Design of training would take into account the identified needs and capability gaps while delivery approaches would combine on-line delivery with on-the-ground support in blended training formats depending on the local situation.

A related consideration will be the impact of higher food safety levels in facilitating improved value chain linkage especially as regards the assembly and logistical arrangements between producers and processors which will facilitate the production of dairy foods with maximum safety characteristics for consumers.

The longer term outcome will be manifest in the economic and public health benefits of a consistent production of safe, high quality milk.

Context and Background

International Farm Comparison Network (IFCN) estimates place African milk production at some 5 percent of global production with the largest milk-producing countries being Egypt, Kenya, South Africa and Sudan with Ethiopia, Uganda, Tanzania, Zambia and Zimbabwe also important.

Milk consumption in Africa is among the lowest in the world at <30kg/capita/p.a. as against levels of 200-300 kg in developed countries. However, market demand for milk in Africa has risen significantly in recent years and the general opinion is for this to continue as a result of population growth and per capita income increases. Forecasts show an overall increase in demand for dairy products, a recent EU report suggesting an increase of 135.7% in Sub-Saharan Africa in 2022 against current levels.

Smallholder and medium sized dairy farms constitute the vast majority of milk producers in Africa, as much as 90% in some countries but there are also some locations where the production is more intensive. Outside of these areas access to formal supply chains is limited by an absence of adequate assembly and collection systems but an increasing problem is the low level of quality and safety compliance which renders the milk unsuitable for processing.

In recent years dairy development in African countries has received attention within development projects and programs funded by multilateral and bilateral donors, NGOs and others, as well through the investment and related activities of several large-scale commercial interests.

These programs and activities offer a range of technical assistance, training and other supports to producers and there are many successful examples in which key stakeholders, e.g. regulators, donors, commercial interests and others are working closely with the local producers and industry to address the problems.

It is felt appropriate to review the current situation, to assess what is working well and to seek to apply the lessons learned within possible new approaches.

Logistics

A note on hotels and other logistics is attached.

“Improving Food Safety On-Farm to Enhance Supply Chain Linkages and Consumer Product Safety”

Draft Agenda

Monday 03rd November

12.00 Registration opens and a light lunch is available

13.40 Opening Remarks and GFSP Introduction Amy Evans, Head GFSP

13.50 Presentation of the Workshop Agenda - Aims, Objectives and Anticipated Results Brian Milton, GFSP

Introductory addresses:

14.00 **Proposal for an African Union Food Safety Authority and a Rapid Alert System for Food and Feed**
Raphael Croly, Inter-African Bureau for Animal Resources (IBAR)

14.20 **Enhancing Milk Quality, Safety and Traceability – Key Step in Driving the Kenyan Dairy Industry**
Machira Gichohi, Managing Director, Dairy Board of Kenya

14.40 **Leveraging food safety in East Africa – where should we put the focus?**
Delia Grace, Program Leader Food Safety and Zoonoses, Flagship Leader Agriculture Associated diseases A4NH, International Livestock Research Institute (ILRI)

15.00 Discussion

15.15 Break

15.45 **Session 1 FOOD SAFETY IN MILK PRODUCTION – Key Considerations**

Chairperson: tbd

Rapporteur: Margaret Aleke, Manager- Food & Agr Standards, Kenya Bureau of Standards (invited)

15.45 Zoonotic aspects of Food Safety in milk production with particular reference to brucellosis and tuberculosis) Patrick Bastiaensen
OIE Sub-Regional Office,
Eastern Africa / Horn of Africa

16.00 SSAFE Guidelines for Milk Production Quincy Lissaur,
Executive Director, SSAFE

16.15 Supply Chain Standards and Traceability John Keogh, Shantalla / GS1

16.30	Safety and quality considerations for manufacturing and consumer needs: The Nestle Perspective	Arshed James, Head of Corporate Quality, Nestle
16.45	The consumers' view: milk safety perceptions and willingness to pay	Nadhem Mtimet, ILRI
17.00	Discussion and Summary of the Day	Brian Milton GFSP
18.00	Welcome Reception hosted by the Global Food Safety Partnership/World Bank Group	
19:30	Buses depart to hotels	

Tuesday 04th November

09.00 Look back over Day 1 – key points emerging Brian Milton

Session II (a) ENHANCING FOOD SAFETY AND QUALITY AWARENESS OF PRODUCERS

Chairperson : TBC

Rapporteur : Margaret Masaku, Senior Assistant Director of Agriculture (SADA): Food Safety,
State Department of Agriculture, Kenya (invited)

09.00	LUANAR Project PI (USAID Trilateral Dairy project) Malawi	Speaker TBC
09.15	Rwanda Dairy Competitiveness Program II (RDCP II) Improving Milk Quality/Safety – Land O Lakes	Denis Karamuzi, Program manager
09.30	SNV's Safe Milk Solution	Jurjen Draaijer Global Dairy Coordinator
09.45	The role of dairy producers in microbial milk quality: results from a survey in Eldoret and Kiambu towns	Alice Njehu, ILRI
10.00	Working 'On-the-Ground' with Small -holder farms	Ben Lawrence, Director, Antipest /Vital company
10.15	Discussion	
10.30	Break	

11:00 Session II (b) CAPACITY BUILDING STRUCTURES AND APPROACHES

Chairperson: Prof. Erastus K. Kan'gethe, Lecturer & Food Safety specialist, University of Nairobi

Rapporteur: Karen Musikoyo, GAME Agribusiness Center, US International University-Africa

11:00	GAIN(Global Alliance for Improved Nutrition) - Developing a Public Private Partnership	speaker TBC
11.15	GALVmed - PPP for Rural Veterinary Service	Samuel Adediran, Assistant Director, Global Access
11.30	The Ugandan Perspective	Robert Omara, Private Secretary/Veterinary Affairs, President's Office, Uganda

11.45	EAAPP Regional Productivity / Kenyan Centre of excellence for dairy	Andrew Karanjan, TTL, World Bank, Nairobi
12.00	Discussion	
12.30	Lunch	
14.00	<u>Session III</u> FOOD SAFETY TRAINING AND CAPACITY DEVELOPMENT	
	<u>Chairperson:</u> Alnoor Hussein, Director, Tanga Fresh Limited, Tanzania (invited)	
	<u>Rapporteur:</u> Prof Abdul Faraj, Department of Dairy, Food Science & Technology, Egerton University, Njoro, Kenya (invited)	
14.00	Needs Assessment Tools in context of On-farm Dairy HACCP and related Animal Health	FAO / OIE – speakers TBC
14.15	Title tbc	Prof. S. Agong' Jaramogi Oginga Odinga Univ, of Science & Technolgy (JOOUST) (invited)
14.30	Training and Curriculum Development including International Union of Food Science and Technology (IUFoST)	Dr. George Ooko Abong' Department of Food Science, Nutrition and Technology University of Nairobi
14.45	GFSP Open Source Platform for Food Safety Training and Development	Amy Evans, Head of GFSP Secretariat
15.00	Discussion	
15.15	Break	
15.45	<u>Session IV</u> GOING FORWARD	
	<u>Chairperson:</u> Prof Abdul Faraj (Department of Dairy, Food Science & Technology, Egerton University, Njoro, Kenya	
	<u>Rapporteur:</u> Ms. Joyce Wambui Njoba / Brian Milton	
15.45	Discussion and definition of lessons learned and possible steps for implementation PPP structures with local and regional partners....	All participants
16.30	Closing remarks	Amy Evans, Head GFSP Secretariat

Logistical Note
Global Food Safety Partnership
Workshop on Food Safety in the Dairy Sector in Africa
Nairobi, 3-4 November 2014

Dear Participants,

In view of your upcoming visit to Nairobi, Kenya for the GFSP Workshop on Food Safety in the Dairy Sector in Africa on 3-4 November, 2014 please find below a few logistical details to help you preparing for your trip.

The dairy workshop will take place at the International Livestock Research Institute (ILRI) campus facility in Nairobi. The ILRI campus is located at 30709 Naivasha Road, Nairobi.

I. Your contacts in Nairobi are:

Ms. Ruth Adhiambo Wanga
Team Assistant, Nairobi World Bank Office
Email: rwangal@worldbank.org
Mobile: +245 0700342097

Mr. Patrick Mbithi
Housing and Conferencing Manager
ILRI Campus, Nairobi, Kenya
30709 Naivasha Road
P.O. Box 30709
Nairobi 00100, Kenya

Email: ILRI-Kenya@cgiar.org
P +254-20 422 3000
F +254-20 422 3001

Mr. Brian Milton
Senior Advisor, GFSP
Email: brianjmilton@gmail.com

To view the ILRI Campus on Google Map: A Google Map of the ILRI campus can be viewed here:
<https://maps.google.com/maps?hl=en&ll=-1.27137,36.725557&spn=0.011541,0.01929&t=h&z=16&output=classic&dg=brw>

For any queries, do not hesitate to contact the GFSP Secretariat's headquarters in Washington, DC at gfsp@worldbank.org, or [any of the colleagues listed above](#).

II. Hotels

Hotel booking is the responsibility of each participant.

Recommended hotels are listed below. All bookings for these hotels should be made through:

Ms. Lenah Ndubi
Email: lenah.ndubi@prideinn.co.ke
mobile: (+254) 72-92-49-977

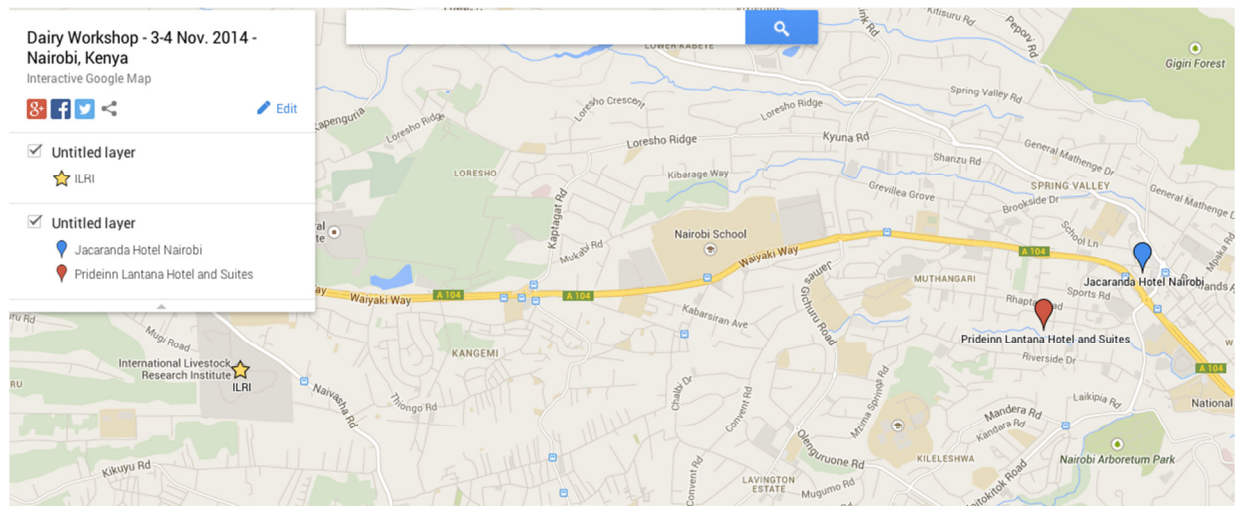
Booking Reference: World Bank Block Booking

In addition to the hotels listed below, note that a limited number of hotel rooms are available at the ILRI campus location. To make a room booking at ILRI, please contact Mr. Patrick Mbithi (ILRI) at: ILRI-Kenya@cgiar.org. Please cc Ms. Ruth Adhiambo Wanga, Team Assistant, Nairobi World Bank Office; email: rwangal@worldbank.org

HOTEL LIST

HOTEL	PRICE USD/night	Website	Address	Distance to ILRI
PrideInn Lantana	\$120 (B&B accommodation type; taxes included)	http://www.prideinn.co.ke /?page_id=147	East Church Rd., Westland's P.O. Box 66969-00200 NAIROBI, KENYA	10.3Km – 13 minutes by bus or car
Jacaranda Hotel	\$120 (B&B accommodation type; taxes included)	http://www.jacarandahote ls.com	P.O. Box 14287-00800, NAIROBI, KENYA	10.9Km – 12 minutes by bus car
ILRI (10 rooms max available)	\$105 (B&B accommodation type; taxes included) payable in cash (USD or Kenyan) or bank transfer		30709 Naivasha Rd., P.O. Box 30709 NAIROBI, KENYA	On site

Dairy Workshop Google Map - NAIROBI, KENYA



To read the map above “interactively” and access hotel information, please check the information here:
https://www.google.com/maps/d/edit?mid=zj_e7uL1AzBw.kTjP-RbdD5X4

III. Transportation

Airport transfers:

- For those staying at ILRI accommodations, ILRI will arrange your airport transfer for a USD 20 fee. Please request the transfer when you make your reservation.
- For those staying at the two conference hotels, please request that the hotel arrange for the airport transfer when you make your reservation.

Daily transfers to/from ILRI:

Conference participants will be picked up/dropped off by a reserved bus from/to their hotels and ILRI each day (schedule details to follow upon arrival).

IV. Security

Please consult with your Ministry of Foreign Affairs website for information on security precautions and warnings for Nairobi.

Ebola Outbreak Status:

The WBG continues to monitor closely the outbreak of Ebola virus in West Africa (Democratic Republic of Congo, Sierra Leone and Senegal). At present, no cases of Ebola have been reported in East Africa, including Kenya.