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# THIRD PARTY CERTIFICATION

An Opportunity and A Challenge for Developing Countries

Ali BADARNEH 14 June 2023



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A low-angle, upward-looking photograph of the United Nations Secretariat Building in New York City. The building's curved, glass-and-steel facade is visible, reflecting the sky. Numerous national flags are flying from tall white poles in the foreground, creating a sense of international unity. The sky is a clear, bright blue.

# UNIDO IN BRIEF



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## UNIDO in Brief

UNIDO is the specialized agency of the United Nations with a unique mandate to **promote and accelerate sustainable industrial development.**

**171**

Member  
States

**684**

staff  
members

**1,000**

ongoing  
projects

**\$200M**

technical  
cooperation  
delivery/year

UNIDO maintains  
**Investment and Technology  
Promotion Offices** in

**9**

Locations (Beijing, Bonn,  
Lagos, Manama, Moscow,  
Rome, Seoul, Shanghai and  
Tokyo).

**Regional sustainable  
energy centres** exist in

**9**

Locations (Bridgetown,  
Cairo, Kampala, Kathmandu,  
Luanda, Nuku'alofa, Praia,  
San Salvador and  
Windhoek).

UNIDO partners  
with

**65**

**National Cleaner  
Production Centres** of the  
Global Network for  
Resource Efficient and  
Cleaner Production  
(RECPnet).



**Gerd Müller**  
Director General of UNIDO





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## UNIDO: THEMATIC PRIORITIES

01

Supporting sustainable supply chains so that developing country producers get a fair deal and scarce resources are preserved.

02

Limiting climate breakdown by using renewable energy and energy efficiency to reduce industrial greenhouse gas emissions.

03

Ending hunger by cutting post-harvest losses and developing agribusiness value chains.



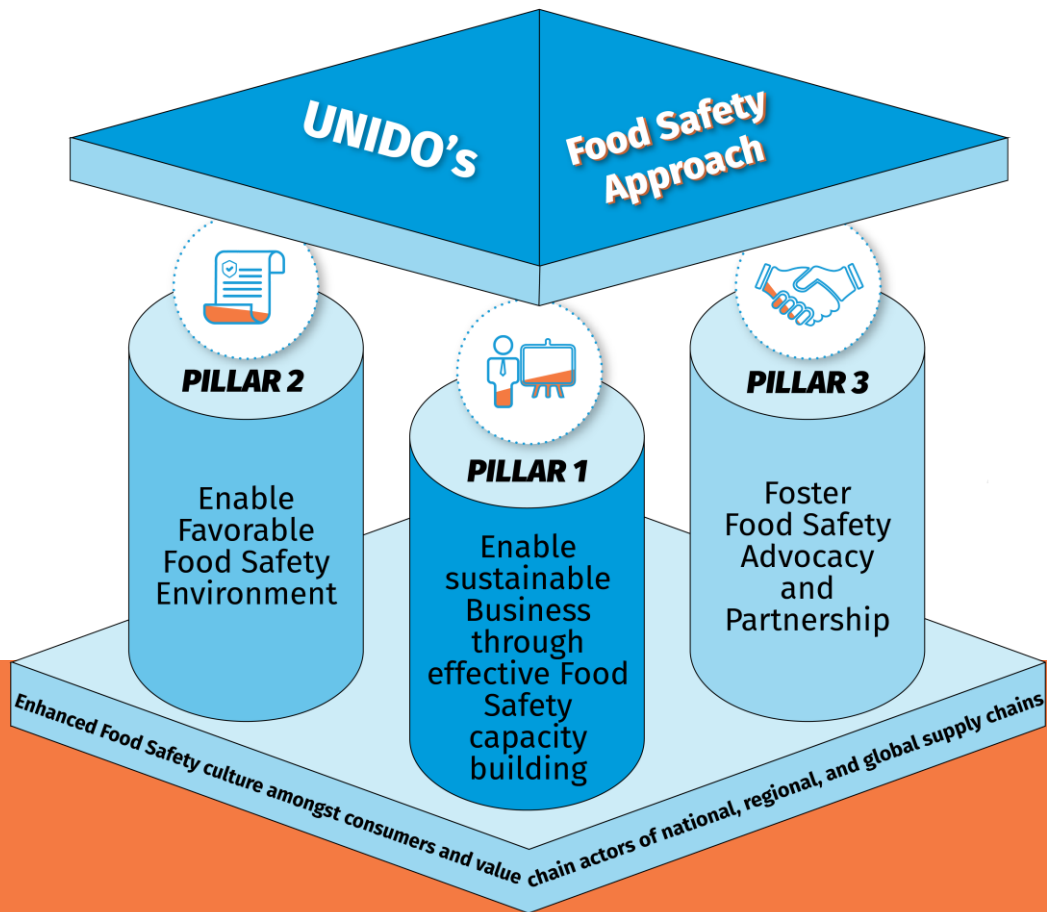
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A photograph of a person with dark hair, wearing a white t-shirt and blue gloves, working in a hydroponic lettuce farm. The person is carefully handling a head of green lettuce. The background shows rows of lettuce growing in white channels within a greenhouse setting.

# UNIDO'S FOOD SAFETY APPROACH



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A photograph of a food processing facility, likely a lemon or orange packing plant. Two workers in green uniforms are visible, sorting through large quantities of yellow fruit on a conveyor belt. The scene is industrial with overhead lighting and metal structures.

**Cases: cooperation with Scheme owners and CBs.**





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The background of the slide is a photograph of a person's hands using a laptop. The image is overlaid with a complex digital interface featuring various data visualizations, including bar charts, line graphs, and heatmaps. The overall color scheme is blue and white, with a futuristic, high-tech feel.

# VOLUNTARY THIRD-PARTY ASSURANCE



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# The new vTPA Codex Guidelines

**CODEX ALIMENTARIUS**

INTERNATIONAL FOOD STANDARDS



Food and Agriculture  
Organization of  
the United Nations



World Health  
Organization

E-mail: [codex@fao.org](mailto:codex@fao.org) - [www.codexalimentarius.org](http://www.codexalimentarius.org)

**PRINCIPLES AND GUIDELINES FOR THE ASSESSMENT  
AND USE OF VOLUNTARY THIRD-PARTY ASSURANCE PROGRAMMES**

**CXG 93-2021**

Adopted in 2021.

**STDF Webinar**

**Partnering to improve food safety outcomes:  
Accreditation and the role of vTPA Programmes**

- How can the public-private sector jointly drive food safety?
- What can we learn from the use of vTPA programmes?

**JOIN THE EXPERT  
DISCUSSION TO MARK  
WORLD ACCREDITATION DAY 2020**

TUESDAY  
JUNE 23  
16:00  
GMT + 2

**SPEAKERS**

**Steve Wearne**  
Vice Chair of the Codex Alimentarius Commission

**Delilah Cabb Ayala**  
Coordinator, Belize Agriculture Health Authority

**Ali Badarneh**  
Chief of Sustainable Food Systems, UNIDO

**Merlynn Hopper**  
Deputy Head, Standards and Trade Development Facility

**Kevin Swaffer**  
Senior Domain Expert on Food Safety Schemes

**Mike O'Neill**  
Head of Codex Policy and Strategy, Food Standards Agency of the United Kingdom

**Merih Malmqvist Nilsson**  
iNetQI Chair

**MODERATOR**

**Gabor Molnar**  
Associate Industrial Development Expert, UNIDO

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



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# Capacity building: tools developed

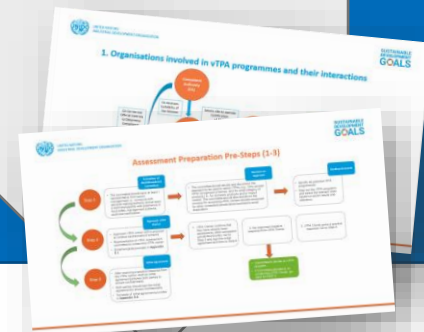
Model vTPA  
Programme /  
Scheme



vTPA  
Assessment  
Tool / Guide



vTPA Assessor  
Training course



Support regulators and private sector to have the capacity  
and implement the approach





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## vTPA Tools Developed by UNIDO



### MODEL FOOD SAFETY MANAGEMENT SCHEME

Mock scheme developed  
specifically for training  
and assessment  
purposes



### vTPA PROGRAMME ASSESSMENT TOOL

Tool to support CA in  
the evaluation of vTPA  
programmes to  
support their NFCS



### TRAINING MATERIALS

To train regulators and  
personnel from the CA who  
may have a role on the  
decision making and risk-  
based inspection planning





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## First vTPA Assessors Course



**14**  
participants



27 February –  
2 March, 2023



Cairo,  
Egypt

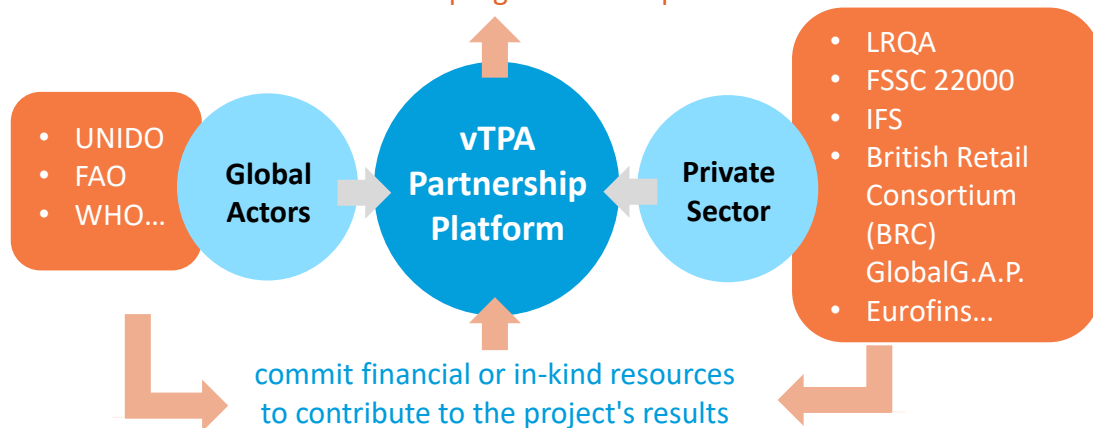




## vTPA Partnership Platform

A vTPA partnership platform has been established by UNIDO to mobilize expertise and resources under the West Africa and the Central America vTPA projects.

**Purpose:** improve current SPS practices and the capacities of relevant stakeholders. This, in turn, improves the quality and delivery mechanism of the vTPA programs in the pilot countries.



### The platform currently

has **19** members

meets **3** times/year

Since October 2022, members have met six times, five of them virtually and one in person, as part of the activities of the Vienna Food Safety Forum.





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A background image showing a person's hands typing on a laptop keyboard. The image is overlaid with a complex digital interface featuring various data visualizations, including bar charts, line graphs, and circular progress indicators, all in shades of blue and white.

## Other engagements



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## Senior Food Safety Assessors Qualification Programme



**5-day training in  
Beijing, China, 2019**

**32**

participants

**28%**



- Jointly held by UNIDO, LRQA and Chinese governmental counterparts
- based on the 5th edition of FSSC22000
- All of the participants were senior food inspectors from national and provincial food safety regulatory bodies
- Combination of classroom seminar and on-site audit in groups





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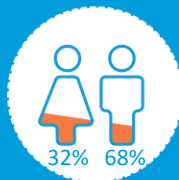


## Involvement of Competent Authorities

Forum to explore a  
regional approach on vTPA



Food  
Standards  
Agency



55  
participants



UNIDO, Sida,  
UKFSA, Red  
Tractor, ARAC &  
ARABFFI



August 30<sup>th</sup> –  
September 1<sup>st</sup>,  
2022



W Hotel  
Amen, Jordan





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# Vienna Food Safety Forum

Vienna, Austria, October 3-5, 2023



**UNIDO bringing  
partners together**



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A photograph of a food processing facility. In the foreground, a worker wearing a white cap and an orange apron is holding a large red bell pepper. In the background, several other workers in white uniforms and caps are working at tables. Yellow plastic bins are visible on the floor. The scene is brightly lit, and the workers appear to be focused on their tasks.

# UNIDO - FSSC PARTNERSHIP



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## UNIDO - FSSC Partnership

On June 15th, 2022, UNIDO and Foundation FSSC signed a trust fund agreement to promote food safety from farm to fork in low- and middle-income countries.

### Objective:

Develop robust food safety systems in selected low- and middle-income countries through capacity-building activities to reduce the socio-economic impact of foodborne diseases.

**Timeframe:** 3 years

**Supported UNIDO projects:** 6



Agreement signing ceremony: Bernardo Calzadilla, Managing Director of UNIDO's Directorate of Digitalization, Technology and Agri-Business and Aldin Hilbrands, Director General of the Foundation FSSC.





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A large group of people, mostly women, are gathered for a community event. They are standing and sitting in front of a blue and gold decorated backdrop with pink and red balloons. Some people are wearing traditional headwraps. The scene is outdoors with trees in the background.

# FIRST INTERVENTION PROJECT – ETHIOPIA



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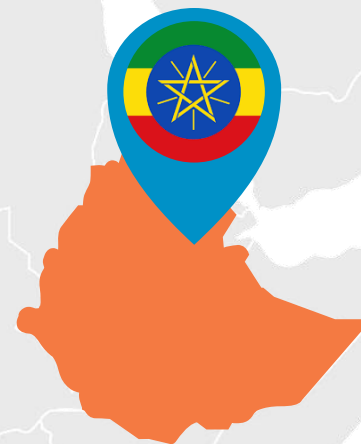
## First Intervention Project – Ethiopia

### Name of the Project

Improved Rural Livelihoods Through Supporting the Moringa Value Chain Development in Southern Nations, Nationalities and Peoples' Region, Ethiopia.

### Activities

1. High-level Training of Trainers on production and hygienic processing of quality and safe moringa (*M. Stenopetala* and *M. oleifera*) products and Training for beneficiaries
2. Moringa production and Processing Code of practices (COP)
3. Purchase of equipment





# First Intervention Project – Ethiopia

## 1. Trainings

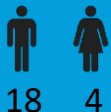
**Objective:** Improve food safety management system across the moringa value chain

**Topics:** Quality and food safety aspects of moringa; challenges and opportunities of the moringa supply chain in Ethiopia; Food safety regulatory framework; Prerequisite programs (GAP, GHP, GMP); HACCP; Building a FSMS; supply chain visits.

### a) Training of trainers

Universities, research institutions, industry, regulatory and project beneficiaries.

22



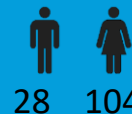
### b) Training of beneficiaries and service providers

Project beneficiaries (107)

SMEs (9)

Government stakeholders (18)

132







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# First Intervention Project – Ethiopia

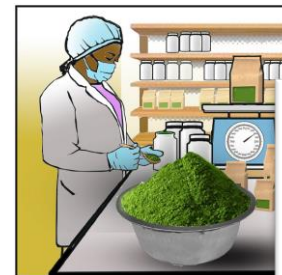
## 2. Moringa production and Processing Code of practices (COP)

### Objective:

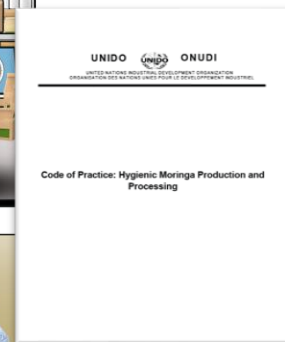
Development of a Code of Practices for moringa production, post-harvest handling and processing to help address the hazards along the supply chain and guarantee the safety of moringa-based products, thus ensuring the nutritional security of the community.

### Target:

Moringa producers and processors including the cooperatives supported by the project



Images from the manual for  
post harvest moringa  
handling







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## First Intervention Project – Ethiopia

### 3. Purchase of Equipment

Equipment purchased for training purposes and to improve product Quality and Safety



Oil pressing machine



Dryer



Miller



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A wide-angle photograph of a vast agricultural field with rows of green crops. In the distance, a red tractor is visible, spraying a fine mist of white liquid across the field. The background shows a hazy horizon with some distant buildings and a bridge.

**NEXT DESTINATION?**



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A woman with dark skin, wearing a white lab coat and a white hairnet, is smiling at the camera. She is sitting at a desk in a factory or industrial setting, with a laptop open in front of her. In the background, there are blurred industrial machines and another person wearing a blue hairnet.

**CALL FOR PARTNERSHIPS**



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## Partnership options

### Simple, cheap

- Join the vTPA partnership platform and offer knowledge, training and expertise.
- Co-brand knowledge and training products under our LKDF
- Join ongoing UNIDO projects in countries to contribute to development objectives
- Stand-alone official partnership / MOU with UNIDO

### Innovative and unusual

- Empower one voice for CBs/SOs as an industry to address the emerging challenges. (EU new regulations)
- The new business vs development opportunity under the vTPA





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A woman with dark skin and hair, wearing a white hard hat and a high-visibility yellow safety vest, stands in front of a shipping yard. The background is filled with stacks of orange and blue shipping containers. A semi-transparent blue banner is overlaid on the bottom half of the image.

THANK YOU