



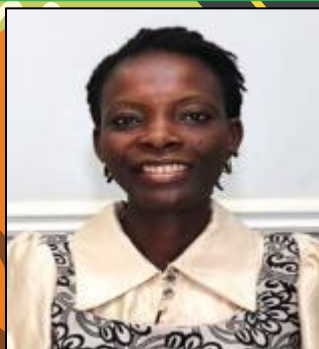
PEF President's Message



Dr. Vijay Yadav Tokala
President
vijayyadav.t@postharvest.org

Welcome to our new PEF board members Olubukola, Aditya, Ratna and Zaharan. It is good to see organisations like Rockefeller, USDA and ReFED announcing funds to encourage innovations for the transformation of food systems. Thanks to Dr Arturo Duarte Sierra, Ms Yasmine Lamri and the team from Laval University, Québec, Canada the PEF E-learning manual is being translated into French and Spanish languages. This step will allow us to reach out several trainees from Hispanic and Francophone countries. Please continue sending us your training updates, photos and postharvest news so we can share them in our next newsletter.

Welcome to our new PEF board members



Dr. Olubukola Odeyemi



Dr. Aditya Parmar



Dr. Ratna Suthar



Dr. Zaharan Hussein Mgina

The PEF annual board meeting was held on 20 May 2022, and we are happy to welcome our new board members, **Dr Odeyemi Olubukola**, **Dr Aditya Parmar**, **Dr Ratna Suthar** and **Dr Zaharan Hussein** to our team. **Dr Vijay Yadav** (as President), **Dr Deirdre Holcroft** (Vice President), **Dr Diane Barrett** (Secretary) and **Dr Lisa Kitinoja** (Treasurer) were elected as officers. *Our team* : http://postharvest.org/our_team.aspx



Cooperative Ventures Awards Mildred Osei-Kwarteng – Ghana



Group picture of participants at the ZECC demonstration site



Distribution of training materials

Cooperative Ventures Awardee **Mildred Osei-Kwarteng** along with **Prof. Gustav Komla Mahunu** from Department of Food Science, University for Development Studies, Nyankpala Campus, Ghana, organized a one-day farmer training program on 19 April 2022. The training was conducted with farmers of the Peace and Love Farmers Vegetable Growers Association, Gyinyaase, Kumasi. About 26 farmers (17 men and 9 women) attended the training program. The main objectives of the training were to make participants understand the influence of preharvest factors on the quality and shelf life of lettuce, postharvest handling technologies, and the use of Zero Energy Cooling Chamber (ZECC) in extending the shelf life of lettuce.

The audience expressed their appreciation for the resource persons and the funders in building their capacity while they also expressed their readiness to implement the knowledge they gained.

*Download the full report at: **Mildred Osei-Kwarteng – Ghana Report***

MoU signed with Bahir Dar Institute of Technology, Ethiopia

The Postharvest Education Foundation (PEF) signed a MoU with **Bahir Dar Institute of Technology – Bahir Dar University (BiT-BDU)** to work collaboratively towards postharvest capacity building in Ethiopia. PEF will be providing advice and guidance to establish postharvest training centres and access to various resources.



The Postharvest Education Foundation

Website: www.postharvest.org | E-mail: postharvest@postharvest.org

Food Processing, Postharvest Management and Nutrition

Bahir Dar Food and Nutrition (FaN) Research Center at Bahir Dar Institute of Technology, Bahir Dar University is pleased to announce a national conference on

Food Processing, Postharvest Management and Nutrition (FPMN)
for Sustainable Development: Findings and Best Practices

Important Events

- Panel Discussion
- Poster Presentation
- Oral Presentation

FPMN-2022

27th & 28th May 2022

Visit and Follow us on: Website:fdi.edu.et | Facebook:fdi.edu.et | Telegram:fdi.edu.et

Keynote Speakers



Dr. Namukole Cicci
IARI Director General's Representative to Ethiopia
President, African Nutrition Society
Nutrition, Food System



Professor Joseph M. Awika
Texas A&M University, College Station, USA
Food Science and Technology



Dr. Vijay Yadav Tokala
President, The Postharvest Education Foundation, USA
Postharvest Technology

Food Processing, Postharvest Management and Nutrition
for Sustainable Development: Findings and Best Practices

Postharvest Loss Management and Policy Interventions

Dr Vijay Yadav Tokala
President
The Postharvest Education Foundation,
La Plaz, Oregon 97739, USA

Empowering people to reduce food losses...

Bahir Dar Food and Nutrition (FaN) Research Center at Bahir Dar Institute of Technology, Bahir Dar University, Ethiopia organised a national conference - **Food Processing, Postharvest Management and Nutrition (FPMN)** for Sustainable Development: Findings and Best Practices on 27 and 28 May 2022.

Dr Vijay Yadav represented PEF and presented on topic - "Postharvest Loss Management and Policy Interventions".

Presentation Download: http://postharvest.org/VijayYadavT_Ethiopia_28May2021.pdf

USDA – Framework to Transform the Food Systems

USDA announces new investments to reduce FLW and shore up local food supply chains and the food processing system. USDA will make a series of investments to strengthen local and regional food systems, including:

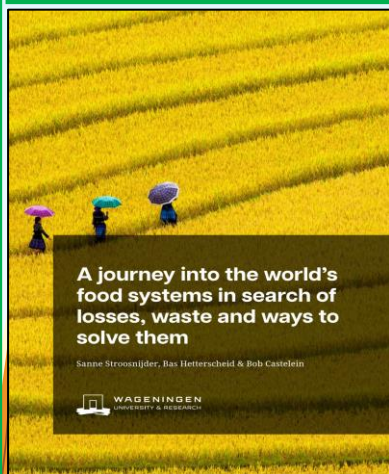
- 1) Investment of **\$400 million to create regional food business centers** that will provide coordination, technical assistance, and capacity building support to small and mid-size food and farm businesses, particularly focused on processing, distribution and aggregation, and market access challenges.
- 2) Investing **\$60 million to leverage increased commodity purchases through Farm-to-School**. Farm-to-school programs are a proven model of increasing markets for farmers via child nutrition programs while also providing children healthy, fresh food.
- 3) Investing up to **\$90 million to prevent and reduce food loss and waste**. The United States wasted \$408 billion worth of food in 2019 – more than a third of the total U.S. food supply. Wasted food results in unnecessary uses of energy as well as methane and CO2 emissions; reducing food waste can help the United States meet its climate commitments.

Read Press release: [USDA Website](https://www.usda.gov/press-releases/2022/06/01/USDA-Announces-New-Investments-to-Reduce-FLW-and-Shore-up-Local-Food-Supply-Chains-and-the-Food-Processing-System) , June 1 2022

Workshop on Postharvest Loss Management and Processing Technology of horticultural crops – Lushoto District



University of Dar-es-Alaam, Lushoto District Council, Postharvest Consultancy and Capacity Building jointly organised a workshop in Lushoto district. The theme of the workshop was the postharvest management and processing technologies for the horticultural crops. The trainers included **Dr Osman Mushtaq**, **Dr Lilian** and **Prof. Temu** from the University of Dar-es-Alaam, **Bertha Mjawa** (PEF Board member) from Postharvest Consultancy and Capacity Building and **Sophia Sekibaha** for Lushoto District Council. Around 30 participants from farmer groups, processors and extension officers attended all from

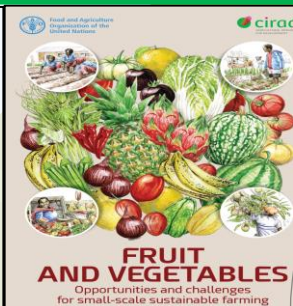


Wageningen researchers launched the book '**A journey into the world's food systems in search of losses, waste and ways to solve them**' on 13 June 2022 at the Wageningen Integration For Impact (WIFI) event. The authors highlight new scientific insights and practice-oriented research outlining the way forward from what should happen to how this can be done to achieve more sustainable food systems.

Download the publication: <https://www.wur.nl/en/Research-Results/Research-Institutes/food-biobased-research/show-fbr/Book-launch.htm>

The book **Fruit and vegetables – Opportunities and challenges for small-scale sustainable farming** published by FAO and CIRAD discussed how the small-scale production of fruit and vegetable crops could be fundamental in achieving the sustainable development goals.

Download: <https://doi.org/10.4060/cb4173en>





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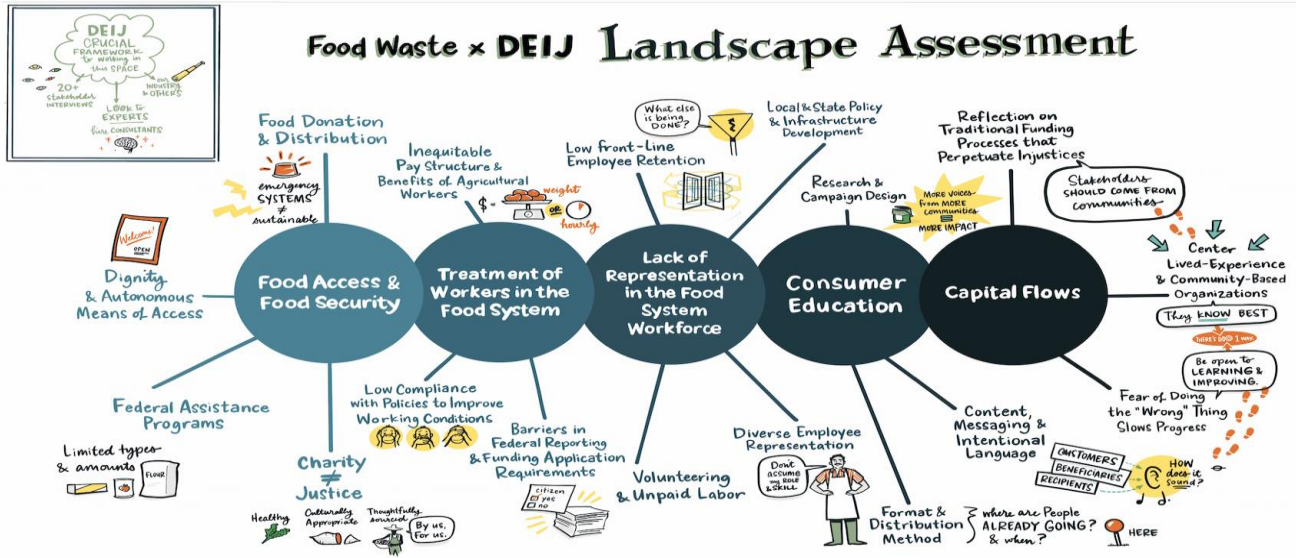
Website: www.postharvest.org | E-mail: postharvest@postharvest.org

ReFED – 2022 Food Waste Solution Summit



2022 Food Waste Solutions Summit:
ReFED's Landscape Assessment & Fishbowl Conversations
5.11-12.2022 | In-person at Macnamara Alumni Center, Minneapolis, MN

notes by: DRAWN WELL



The first **Food Waste Solutions Summit** presented by **ReFED** took place on May 10-12 2022 in Minneapolis. It was the largest gathering of the ReFED community with more than 640 people joining either in-person or virtually. The Food Waste momentum continues to grow and the food waste solutions have significantly increased in popularity over the past 10 years, through corporate, philanthropic, and public investment, while their continued expansion will be reliant on increased public knowledge of the prospects.

A new tool - **the Food Waste Capital Tracker** was introduced by ReFED during the Summit. According to the data from the Capital Tracker, a record \$2 billion was spent in food waste solutions in 2021 alone, bringing the total amount invested in such projects over the previous ten years to almost \$8 billion. In order to decrease the food waste to half, it is anticipated that \$14 billion must be raised annually.

To help drive this critical funding, **ReFED** and **Closed Loop Partners** also announced a new **\$100M Circular Food Solutions Funding Platform** – an \$80M investment fund, a \$10M grant fund, and a \$10M innovation program. The **Upcycled Food Association**, **Food Recovery Network**, and **Hidden Gems** are the first three organizations to receive funding.

The Food Waste Funder Circle (FWFC), co-founded by ReFED and Upcycled Food Association, the FWFC offers a curated platform for funder education, collaboration, and investment to help drive the capital flow needed to reach national and international goals to reduce food waste by 50% by the year 2030.



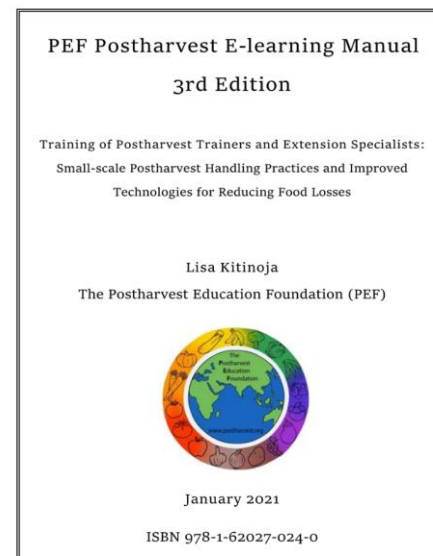
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Coming Soon - PEF Postharvest E-learning Manual in French and Spanish languages

The PEF Postharvest E-learning Manual, first published in 2016, moved the postharvest e-learning program into the public/open access space, so individuals or groups can participate at no cost, and on their own schedules. It consists of 12 self-managed assignments on practical postharvest extension methods.

With the help of **Dr Arturo Duarte Sierra**, **Ms Yasmine Lamri** and their team of Laval University, Québec, Canada the manual is being translated into French and Spanish languages. This step will allow us to reach more number of trainees from **Hispanic and Francophone** countries.



Training of Trainers Workshop on Horticultural Chain Management – FAO and University of Pretoria

The Training of Trainers Workshop on Horticultural Chain Management was organised by FAO and University of Pretoria on 5 July 2022. **Dr Deirdre Holcroft** (PEF Board member) presented a talk on the role of the PEF in training of trainers and also the different topics covered in the PEF Postharvest E-learning viz., the Commodity Systems Assessment Methodology, improved postharvest practices and calculations of Return on Investment (ROI), conducting training workshops etc.

View presentation: http://postharvest.org/Holcroft_PEF_2022.pdf

Innovate UK - Energy Catalyst Round 9

Innovate UK, part of UK Research and Innovation, is working with the Foreign Commonwealth and Development Office (FCDO) and the Department for Business, Energy and Industrial Strategy (BEIS) as part of the Ayrton Fund to invest up to £20 million in innovation projects. The aim of the competition is to accelerate the innovations needed **to create new or improved clean energy access** in sub-Saharan Africa, South Asia or Indo-Pacific regions, with administrative lead must be registered in the UK.

For more details: <https://ktn-uk.org/opportunities/energy-catalyst-round-9/>



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Krishi Updates – Postharvest Capacity Building



Dr Vijay Yadav represented The Postharvest Education Foundation and gave a talk on the topic 'Postharvest Capacity Building' on invitation from 'Krishi Updates'. **Krishi Updates** is an online platform to provide updates related to farming and new opportunities in horticulture crops in rural India.

View the recording of the presentation at:

<https://www.facebook.com/Krishiupdates2020/videos/1374388783067398>

Rockefeller Foundation Commits \$105M to New Good Food Strategy

The Rockefeller Foundation unveiled its new "Good Food Strategy," which would commit **USD 105 million over three years to boosting 40 million underprivileged** people's access to nutritious and sustainable meals worldwide. This investment is in alignment with the Foundation's efforts to promote using renewable energy to power the food system.



The Rockefeller Foundation's Good Food Strategy will concentrate on three areas during the following three years in order to improve access to inexpensive, wholesome food, lower greenhouse gas emissions in the food system, and broaden economic opportunities for small- and mid-size food producers:

(1) *Good Food Data & Science Innovations*, (2) *Good Food Policy* and (3) *Good Food Purchasing*.

Fresh Knowledge – Wageningen University & Research (WUR)

Explore our postharvest knowledge



Crops



Postharvest technologies



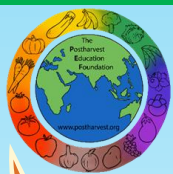
Daily practices



Consultancy & training

WUR launched a dedicated portal 'Fresh Knowledge' with compilation of different aspects of the postharvest knowledge to allow best strategic and operational decision as stakeholder.

Website: <https://www.freshknowledge.eu/en.htm>



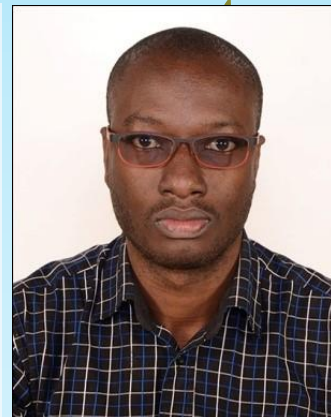
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Congratulations Edoh!!

Congratulations to **Kokum Edoh-Ognakossan** (PEF Board member) for he has recently joined the Word Food Program as a **Post-Harvest Loss Reduction (PHL) Expert** and will be based in Rome, Italy.

Edoh made a presentation on "**Measurement of Postharvest Losses Occurring Along Sweet Potato Value Chains in Sub-Saharan Africa**" during the 12th Triennial Conference of African Potato Association, held in Lilongwe, Malawi on 27th June to 1st July 2022.



PEF's 'Global Postharvest E-learning Program' is FREE to all!

Check the website for further details and register by completing Assignment #1:

http://postharvest.org/postharvest_elearning_program1.aspx

SUPPORT OUR WORK

The Postharvest Education Foundation is a 501(c)(3) non-profit public charity with aim to reduce global food losses, which are as high as up to 50%.

General donations to The Postharvest Education Foundation are used for 3 major program activities:

- Postharvest tool kit: For e-learners from developing country who complete their training (US\$400 each).
- Postharvest Closing Workshops for e-learning graduates (Estimated as \$1200 per e-learner).
- Travel Support: To pay for the travel expenses to attend international postharvest training programs (air tickets, hotels, food, local transport costs) (Estimated as \$1500-\$2000 per e-learner).

Kindly check our website (<http://www.postharvest.org/donate.aspx>) for other alternate ways to donate.

Thanks in advance for your tax-deductible donation, which will be used to train young horticultural professionals via low cost internet based programs, with reading assignments, fieldwork on improved practices for postharvest handling, storage, processing and marketing.

Mail us at postharvest@postharvest.org any postharvest related questions you wish to be answered.

Email us at newsletter@postharvest.org to subscribe to the PEF newsletter

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