



PEF President's Message

On September 29th, the world came together again to observe the 5th **International Day of Awareness on Food Loss and Waste Reduction (IDAFWL)**. The necessity of climate finance to reduce food waste and contribute to Sustainable Development Goals (SDGs) has been highlighted this year. The recently published studies from international and regional organisations also supported the same while pointing out the importance of evidence-based interventions and international collaboration to improve global food security and sustainable agriculture practices. We plan for the '**PEF Postharvest Leadership Award**' program in November 2024 in Kenya. We look forward to engaging the awardees with postharvest specialists and visiting established facilities to prepare them for future work. Any donations through our **fundraising campaign** to support this initiative are highly appreciated.



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International Day of Awareness of Food Loss and Waste (IDAFWL)



The fifth observance of IDAFWL on 29th Sep 2024, was observed with the theme '**Climate Finance for Food Loss and Waste Reduction**'. It has highlighted the critical need for financial investment from both public and private entities to strengthen initiatives aimed at curtailing food loss and waste.

This action is essential for meeting climate objectives and furthering progress towards the Sustainable Development Goals set for 2030. Cutting down on food loss and waste serves as a strategy to mitigate climate change, enabling nations and localities to lower their emissions of greenhouse gases. To achieve this successfully, there must be a substantial enhancement in both the availability and the scale of climate-related financial resources. [[Website](#)]



Post-harvest management: bridging gaps and embracing innovations

Food and Agriculture Organization of the United Nations have published a new open access postharvest manual towards the ongoing efforts to minimize post-harvest loss (PHL) by fostering capacity building and the exchange of knowledge. The document underscores the significance of reducing PHL in developing nations by incorporating gender considerations, encouraging agribusiness and entrepreneurial endeavours, and implementing strategies for adapting to climate change.

The intended audience for this publication includes practitioners such as extension workers, non-governmental organizations (NGOs), community-based organizations (CBOs), and academic entities that provide technical to farmers and advise policymakers, especially those focusing on gender and climate change matters. [[Download](#)]



Post-harvest management: bridging gaps and embracing innovations



Food and Agriculture Organization of the United Nations
Rome, 2024

Food Waste Index Report 2024. Think Eat Save: Tracking Progress to Halve Global Food Waste



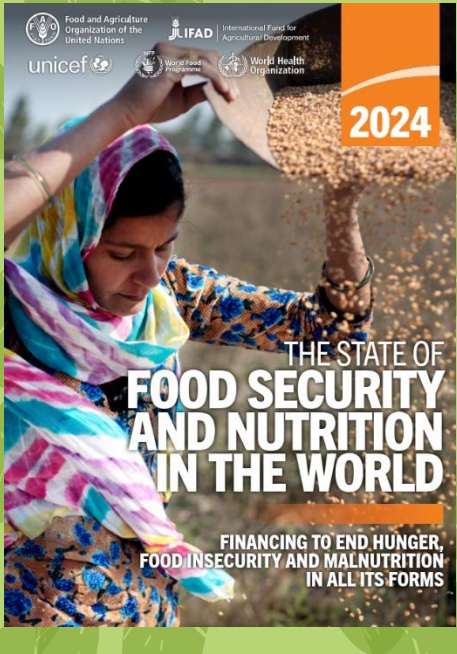
The **Food Waste Index Report 2024** from UNEP builds on the **Food Waste Index Report 2021** report in three key areas

- o It presents a **new estimate of global food waste** using updated data, outlined in Chapter 2.
- o It expands on the **SDG 12.3 measurement methodology**, offering detailed guidance for the retail, food service, and household sectors in Chapter 3.
- o The report shifts focus from waste measurement to waste reduction, with the "Solutions Focus" chapter discussing **effective strategies worldwide, highlighting public-private partnerships for minimizing food loss and waste** in Chapter 4.

[[Download the report](#)]



The State of Food Security and Nutrition in the World 2024 - Financing to end hunger, food insecurity and malnutrition in all its forms



In six years from 2030, the trends in hunger and food insecurity are still not heading in the right direction to achieve the goal of eradicating hunger and food insecurity (SDG Target 2.1) by that year. Similarly, the indicators related to global nutrition targets indicate that the world is not on course to eliminate all forms of malnutrition (SDG Target 2.2). To reverse the current trends of hunger, food insecurity, and malnutrition, it is essential to implement the necessary policies, investments, and legislation, which require adequate financing for food security and nutrition.

This report presents a long-awaited definition of financing for food security and nutrition, along with guidance for its

implementation. It includes recommendations for the effective use of innovative financing tools and reforms to improve the food security and nutrition financing framework. [[Download the report](#)]

Food Waste - Parliamentary Office of Science (POST). UK Parliament

The UK Parliament briefing assessed the interventions toward the prevention of edible food waste. Despite hundreds of potential interventions to reduce food waste, most lack evidence and few legislative approaches exist, leaving policymakers to act with limited knowledge. To effectively combat edible food waste, a comprehensive approach that includes evidence-based interventions across the entire supply chain is essential. While current efforts focus primarily on downstream waste reduction, substantial changes at the farm level and improved collaboration among stakeholders are necessary to achieve meaningful progress.



Addressing these challenges will require enhanced knowledge, incentives, and a commitment to implementing proven strategies to meet global sustainability goals.

[[Download the research brief](#)]



2024 GCCA Africa Cold Chain Conference

The **Global Cold Chain Alliance (GCCA) - Africa Cold Chain Conference** organized on 22-23 August 2024 brought together cold store operators, controlled-environment builders, equipment suppliers and service providers to discuss opportunities and innovations in this cold chain sector.

The conference explored the trade dynamics of the Africa Continent Free Trade Agreement and its potential impact on internal trade, growth, food resilience, and sustainability across the continent. In addition to insightful sessions and top-level speakers, the event featured innovative services and offered networking opportunities for industry professionals.

The GCCA published a new Call to Action report at the conference which demonstrates the importance of collaboration between national governments across Africa and businesses operating temperature-controlled storage and distribution to deliver infrastructure, innovation and skills that are fit for today and for the future. [[Download Report](#)]



GLOBAL COLD CHAIN ALLIANCE

HARNESSING THE POWER OF THE COLD-CHAIN TO DELIVER AFRICAN PROSPERITY, RESILIENCE AND TRADE

CALL TO ACTION

Prof. Jane Ambuko - 50th Professorial Lecture, University of Nairobi

Prof. Jane Ambuko (2012 PEF graduate) delivered her Inaugural Professorial Lecture on September 27, 2024, in Taifa Hall, University of Nairobi on the topic '**From the Lab to the Land: Solutions for Food Loss and Waste Reduction for the People and the Planet**'. It was the 50th Professorial Lecture delivered at the University.

In her lecture, she explained the major causes of food losses, the social, economic and environmental impacts of food loss and waste, and recommendations to overcome them. She has also highlighted that every actor in the food supply chain from production to consumption, has a role to play in the efforts to reduce FLW.

[Watch the recording of the Inaugural Lecture recording]

[Interview of Prof Jane to University World News]



UNIVERSITY OF NAIROBI

From the Lab to the Land: Solutions for Food Loss & Waste Reduction for the People and the Planet

The 50th Professorial Inaugural Lecture of the University of Nairobi

27th September 2024



PROF. JANE AMBUKO
PROFESSOR OF HORTICULTURE



UC Postharvest Research and Extension Center



UC Postharvest Research and Extension Center

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In July 2024, the **UC Postharvest Research and Extension Center** released 30 new videos on their [YouTube channel](#), focusing on emerging postharvest technologies. The co-directors **Bárbara Blanco-Ulate** and **Irwin R. Donis-González** are currently collaborating to share video recordings of presentations from all their previous workshops and short courses. Check out the YouTube channel for more content to be uploaded soon!

The Clean Cooling Network - Born in Rwanda - Global in Vision

The Africa Centre of Excellence for Sustainable Cooling and Cold-chain (ACES) in Rwanda and a reference SPOKE in



Kenya were established as a foundation for a global initiative focused on creating regional **Centres of Excellence** aimed at enhancing access to resilient, efficient, and environmentally friendly cooling and cold-chain solutions for everyone. This initiative is already being implemented across various markets in Africa (including **Senegal and Lesotho**, in addition to **Rwanda and Kenya**) and in **India** (specifically in Telangana and Haryana).

References and Resources

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- Sarker, A., Ahmmed, R., Ahsan, S. M., Rana, J., Ghosh, M. K., & Nandi, R. (2024). A comprehensive review of food waste valorization for the sustainable management of global food waste. *Sustainable Food Technology*. <https://doi.org/10.1111/1541-4337.70011>



The Postharvest Education Foundation

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The Postharvest Education Foundation (PEF) has a mission to provide innovative programs that motivate and empower people to reduce global food losses and maintain quality, market value, nutritional value and food safety.

Our Strategy:

- Conducting a variety of postharvest e-learning programs for young professionals who work with small-scale farmers in developing countries.
- Providing free access to postharvest training materials for those who are involved in extension work and training of farmers, produce handlers, small-scale food processors and marketers.
- Supplying postharvest tools and basic equipment for use in applied research and for improving practical field operations.
- Organizing postharvest workshops for e-learners who complete their online programs.
- Long-term mentoring for participants in e-learning programs via social networking websites
- Conducting short courses, study tours and workshops
- Providing advice and guidance for establishing local postharvest training centres

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

NOW AVAILABLE IN ESPANOL AND FRANCAIS

Check the website for further details :

http://postharvest.org/postharvest_elearning_program1.aspx

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