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Food Loss and Waste: Possible policy options for Governments and the Community of Practice: An International Perspective

Geneva, 2019

Rosa S. Rolle, Ph.D

Senior Enterprise Development Officer
Team Leader Food Loss and Waste
Nutrition and Food Systems Division
Economic and Social Development Department



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12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



SDG 12.3: By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses.



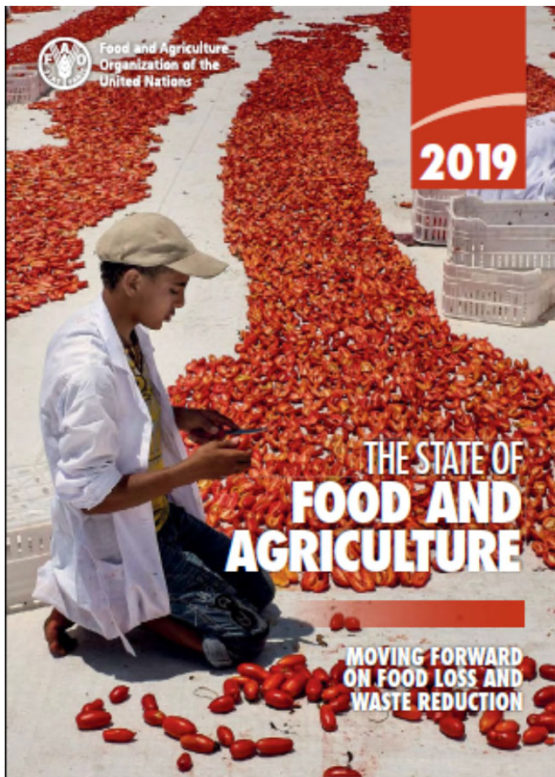
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Definitions

Food loss and waste (FLW) is the decrease in quantity or quality of food along the food supply chain.

Food loss occurs along the food supply chain from harvest up to, but not including, the retail level

Food waste occurs at the retail and consumption levels



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SOURCE: FAO 2019. The State of Food and Agriculture



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High Levels of Food Loss and Waste

Food Loss and Waste impact the current and future availability of increasingly **scarce resources** and needlessly produce **greenhouse gas emissions** contributing to global warming and **climate change**.

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water



land



energy

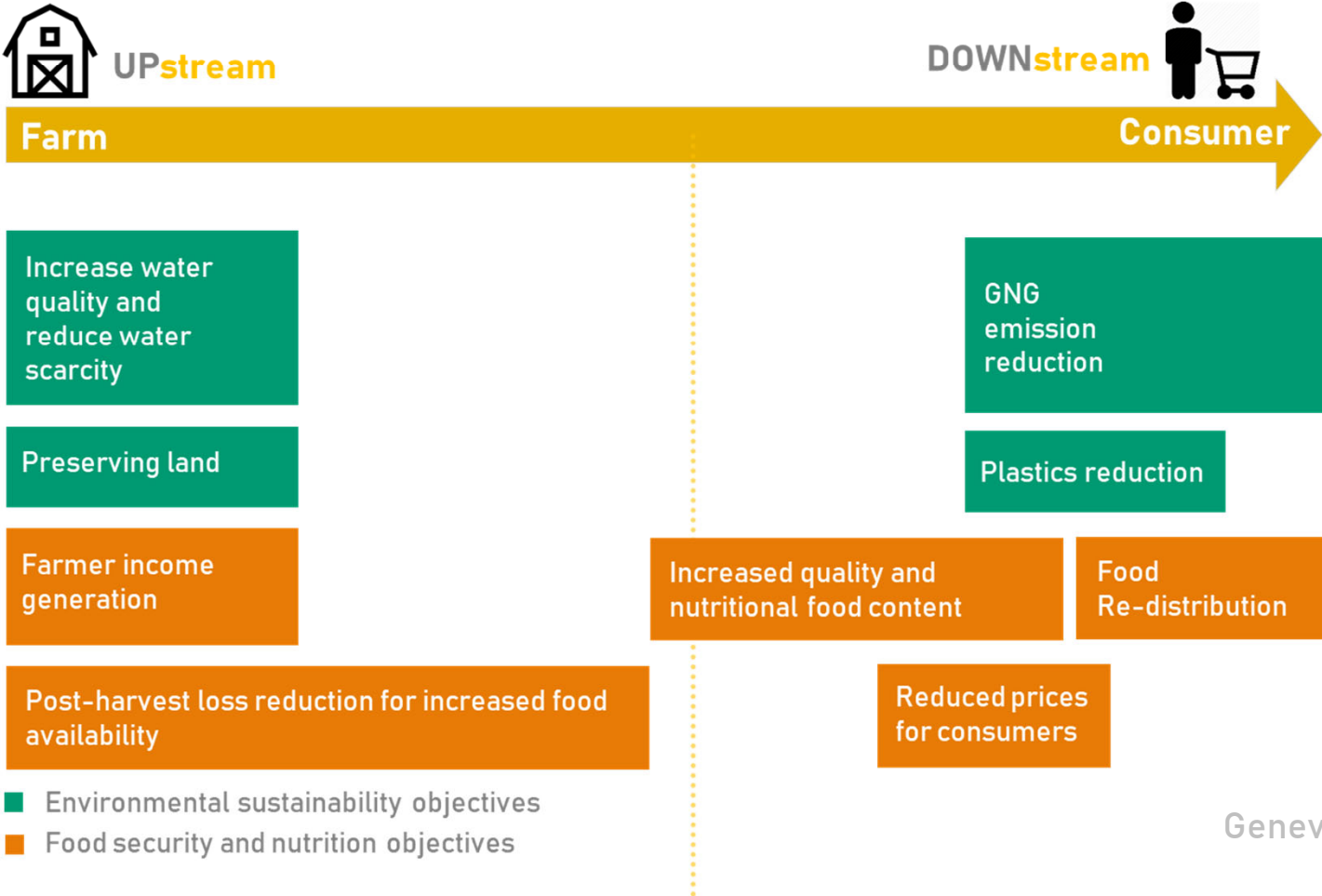


labour and
capital

Food Losses and Waste
reduce the efficiency and the
sustainability of food systems and can
negatively impact food security



Intervention location in the supply chain



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Objectives of
loss and
waste
reduction
measures
and their
entry points
along the
food supply
chain



Targets Set By Countries to Reduce FLW

Country	Targets
Japan	Recycling rate targets set by Governments in 2015 are: manufacturers (95 %), wholesalers (70 %), retailers (55 %) and restaurants (50%).
Singapore	Overall recycling rate of 70 % by 2030
Australia,	To halve food waste by 2030
USA	To reduce FLW by half in the U.S by 2030
Malaysia	To reduce FLW by half by 2030
China	To reduce FLW by 40 % by 2020 and to reduce FLW by 13 mt in post-harvest stages per year
Philippines	Reduce post-harvest loss in 2017 for the next 5 year; Reduce post-harvest losses in fisheries by 2020.
Viet Nam	Targets set to reduce PHL in rice from 11-13 % to 5-6 %; maize from 13 -15 % to 8-9 % and aquaculture from 20 % to 10 % in 2020
Papua New Guinea	No targets

Source: APEC, 2018:⁶



Ways of Integrating of food loss and waste concerns into policies

Inclusion in broader strategies and sector/thematic policies, that can include:

- policies directed to agricultural development
- public investment plans
- support to various food system actors
- food chain regulations
- fiscal policies
- trade policies and regulations
- food safety and consumer protection regulations
- social protection and food security policies
- sustainable development policies
- environmental protection policies



....Ways of Integrating of food loss and waste concerns into policies

Devising specific FLW reduction strategies and policies to address the interdependencies of actions that end up creating FLW:

- In the case of food waste, policy frameworks and objectives are generally set at national level, but management, funding and implementation are usually under the responsibility of local authorities and municipalities that overseeing waste collection, waste management and recycling services.



Policy Options to Maintain Supply Chain Efficiency

Options to Reduce Food loss	Options to Reduce Food Waste
<ul style="list-style-type: none">Establishment of food loss reduction targets.	<ul style="list-style-type: none">Establishment of national food waste reduction goals
<ul style="list-style-type: none">Incentives to encourage the adoption of loss reduction technologies and to apply innovation to enhance resource efficiency.	<ul style="list-style-type: none">Tax incentives to encourage food donation
	<ul style="list-style-type: none">Clarification of food labeling issues – “best before dates”
	<ul style="list-style-type: none">Marketing standards – “ugly fruit”
	<ul style="list-style-type: none">Direct or variable charging schemes (‘pay-as-you-throw’ or PAYT) for waste collection by weight or volume ⁹ Geneva, 2019



Policy Options Designed to Change Consumer Habits and Behaviors

- Awareness raising campaigns to reduce food loss and waste
- Education policies targeting youth
- Nudge policies



Shaping habits and enhancing knowledge on food waste toward promoting behavior change





Cross-Cutting Policy Options To Support FLW Reduction

- Establishment of measurement protocols and frameworks in order to apply methodologies to quantify FLW
- Promotion of training and capacity building of all supply chain actors in good practices and FLW reduction strategies
- Promotion of Public-Private Partnerships (PPPs) to facilitate joint investments with short, medium and long term returns for all actors of the food system



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FAO's Key Knowledge- Sharing Platforms on Food Loss and Waste

Save Food Platform

<http://www.fao.org/save-food/en>

Community of Practice on Food Loss and Waste

<http://www.fao.org/food-loss-reduction/en/>

FAO/IFPRI/G20 Technical Platform on Food Loss and Waste

<http://www.fao.org/food-loss-reduction/en/>

Innovation Platform on Post-harvest Operations (INPhO)

<http://www.fao.org/in-action/inpho/home>

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SAVE FOOD: Global Initiative on Food Loss and Waste Reduction

Community of Practice on Food Loss Reduction



Forum

News

Events and Opportunities

Resources

About the CoP

Background

Register

Login

Get involved!

Get involved!

And be part of a worldwide mobilization of stakeholders to help reduce food losses and waste.

The **Community of Practice (CoP) on food loss reduction** is a global convener and an integrator of knowledge related to post-harvest loss (PHL) reduction. It offers a platform to facilitate linkages and information sharing amongst stakeholders and relevant networks, projects and programs such as **SAVE FOOD** and **SDC** funded projects on post-harvest management.

In being a member of the CoP, you can:

- be informed on projects and programs on food loss reduction and post-harvest management
- participate to online moderated discussion fora, stay tuned on relevant news and events
- access links to online libraries, databases, repositories with relevant materials
- participate in online trainings and access e-learning modules on post-harvest management

FAO, IFAD and WFP welcome all stakeholders and partners – private or public – to join this **Community of Practice on food loss reduction**.

To join the **CoP on food loss reduction** click on **Register** and then **Login**.

The **Community of Practice (CoP) on food loss and waste reduction** serves as a global convener and an integrator of knowledge related to post-harvest loss (PHL) reduction.

It offers a platform to facilitate linkages and information sharing amongst stakeholders and relevant networks, projects and programs.

To join the CoP register online at:
www.fao.org/food-loss-reduction



BACKGROUND

The Community of Practice (CoP) on Food Loss Reduction was launched in 2014 under the leadership of the FAO, IFAD and WFP. It is a global platform for stakeholders to share knowledge, experiences and best practices on food loss reduction.

COMMUNITY OF PRACTICE (CoP) ON FOOD LOSS REDUCTION

WHAT IS IT?

The Community of Practice (CoP) on Food Loss Reduction is a global platform for stakeholders to share knowledge, experiences and best practices on food loss reduction. It is a global platform for stakeholders to share knowledge, experiences and best practices on food loss reduction.

CoP online mapping of PHL projects



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Support to countries on PHL/PHM Policy and Strategy

The CoP **provides its members access to resources globally on how to reduce post-harvest losses** through the dissemination of documentation generated by programmes and projects on the theme.

Examples of Resources: <http://www.fao.org/food-loss-reduction/en>

FAO PHM of horticultural value chains

- FAO 2017. Policy Measures for managing quality and reducing postharvest losses in fresh produce supply chain in South Asian countries.

FANRPAN

- Proceedings of the Malawi Policy Dialogue on climate-related risks to crop production and post harvest loss management (October 2015)
- Benin PHM Policy Brief (April 2015)
- Mozambique PHM Policy Brief (April 2015)
- Regional programme on “Postharvest Management in Sub Saharan Africa”

Others

- CFF, 2018. Policy Brief 3 – Climate-Resilient Nutrition through Diversified Agricultural Value Chains
- COMCEC, 2016. Reducing On-Farm Food Losses in the OIC Member Countries

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...Support to countries on **PHL/PHM Policy and Strategy**

The CoP provides its members access to **updated information** from across the globe on how to **reduce post-harvest losses** and shares **News and Events** alerts and reports

Examples of News and Events: <http://www.fao.org/food-loss-reduction/en>

- Government of Uganda, FAO, WFP, IFAD for the development of a comprehensive strategy to reduce PHL in grains
- Post-harvest loss reduction for enhanced food and nutrition security in IGAD member states
- Support to African Union in the development of policies and strategies for country specific plans to reduce post-harvest losses
- AfDB: Post-Harvest Losses Reduction and Agro-Processing (PHAP) Flagship launch
- High level Ministerial Dialogue to Support Post-Harvest Losses Reduction and Agro-Processing (PHAP)

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Thank you



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