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# MEASURING BASELINES & PROGRESS ON SDG 12.3

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## A UNIQUE OPPORTUNITY

- One third of food produced for human consumption, equivalent to 1.3 billion tonnes and valued at USD 990 billion, is lost or wasted each year, while near 821 million people are undernourished.
- Producing food that is lost/wasted requires significant resources, including water, land, energy, labor and capital, uses inputs such as fertilizers and pesticides, and generates **8% of global greenhouse gas emissions**

# Curbing food loss and waste can help deliver multiple SDGs...



Source: WRI, 2019

# ...and raise ambition in the 2020 NDC revision

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Article 4.2 **“Each Party shall prepare, communicate and maintain successive nationally determined contributions that it intends to achieve. Parties shall pursue domestic mitigation measures, with the aim of achieving the objectives of such contributions.”**

# New UN Environment Assembly Resolution on Food Loss and Waste

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Urges governments & stakeholders to:

- Set national strategies to reduce FLW in line with SDG 12.3,
- Establish mechanisms for measurement
- Take action through policy, education and awareness-raising
- Promote dialogue and cooperation between private and public sectors across the value chain
- Promote research, best practice sharing and industry engagement around sustainable cooling and cold chain solutions



# How we envisage implementing the Resolution

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**UN Environment, in partnership with FAO**, provides technical support on food loss and waste to governments, fosters regional and global cooperation, and facilitates the exchange of knowledge and best practices.

## **UN Environment is currently:**

- Developing a **Food Waste Index** and supporting measurement at country level
- Leading **Regional Capacity Building** workshops
- Supporting **awareness-raising & behavior change**, while driving action in international initiatives such as **Champions 12.3**

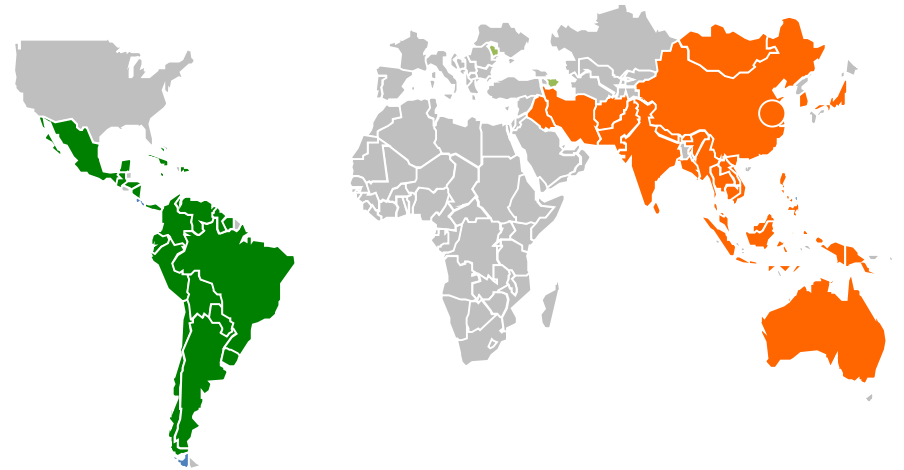
## **New action under development:**

- Promoting the uptake and upscaling of energy efficient cold chain solutions, sustainable cooling technologies, and food preservation innovations using a sustainable food systems lens.

# Regional Capacity Building Workshops

Workshops support:

- Development of National Strategies on Food Loss & Waste
- Baseline setting
- Raising ambition in NDC revision through FLW reduction



Bogota October 2019  
Tokyo October 2019



*International Workshop on Food Loss and Waste Prevention targeting Southeast and East Asian region, Tokyo, Japan*  
**October 16-18 2019**

Organised by G20 Initiative on Food Loss & Waste, UNEP, FAO & Japanese Ministry of Agriculture, Forestry and Fisheries

# How to deliver SDG Target 12.3

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## 1) Adopt a target consistent with SDG Target 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.*

## 2) Measure and publicly report on food loss and waste

## 3) Take action: adopt policies, incentives, investment and practices that reduce food loss and waste

Source:





# Tracking Progress on SDG 12.3

Food Loss Index-  
focus on supply

Custodians of 12.3 indicators:  
FAO & UNEP



“By 2030, ...



“...reduce food losses along production and supply chains, including post-harvest losses.”

Food Waste Index-  
focus on demand



“...halve per capita global food waste at the retail and consumer levels.”



# Only 11 countries worldwide so far have Food Loss and Waste baselines

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APEC Economies with food loss and waste baselines:

- Australia, Canada, Japan, Republic of Korea, United States.

APEC Economies with some FLW measurement underway:

- Mexico, Thailand

**UN Environment is tracking country-level FLW measurement. Please let us know if any APEC Economies are developing FLW baselines and are not included here.**

# Action: What is missing?

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Few economies are yet “working at scale” to address FLW.

APEC can encourage or facilitate:

- The development of national strategies on food loss & waste
- Baseline setting
- Voluntary agreements between government agencies and companies
- The adoption of public policies aimed at reducing FLW (e.g. simplifying date labeling, incentivising food donation, requiring data reporting)
- Awareness-raising campaigns and behavior change piloting
- New funding mechanisms for investment in FLW reduction
- The elevation of NDC ambition through FLW reduction

# Thank you

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