

**SAVE THE DATE**



Towards the **EU FOOD SAFETY FORUM**  
The new sustainability regulation: how to integrate it  
into food safety?

**15th December 2022**  
h. 09:30 - 13:00 CET

 **Copa - Cogeca | European Farmers European Agri-Cooperatives**  
Room A 61, Rue de Trèves  
Brussels



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[www.foodsafety4.eu](http://www.foodsafety4.eu)





# Integrating Food Safety in Sustainability regulations: Food Systems transformation towards Sustainability

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SAFE – Safe Food Advocacy Europe





## Who we are

SAFE is an independent non-profit organization that represents interests of European consumers all over Europe on issues connected to food safety and agriculture.



## Mission

We strives to protect and advance consumers' rights in EU food policy.



## Activities and goals

- Advocacy to improve the EU legislative framework
- Raising public awareness and training consumers
- Leading several EU projects on food safety and agriculture

## WHO WE ARE: OUR MEMBERS

SAFE Members are currently spread over 15 European countries

- National consumer organisations
- Health organizations
- Obesity associations
- Vegan & vegetarian associations
- Universities and independent researchers, doctors, nutritionists
- Sustainable Agriculture organisations



## Dimensions of sustainability

The United Nations (Agenda 2030, 17 SDGs) defined a holistic vision of sustainability, which is reached when favourable interlinked conditions are met in 3 dimensions:

- **Social** (access to education, food, health, gender equality, etc.)
- **Environmental** (climate change mitigation, biodiversity conservation, environmental protection, etc.)
- **Economic** (circular economy, innovation, responsible consumption & production, clean & affordable energy, decent work conditions & economic growth, etc.)



# Principles of sustainability... And food safety

## The 'One Health' approach

- Recognition that the health of humans, domestic and wild animals, plants, and the wider environment (including ecosystems) are **closely linked and interdependent**.
- **Collaboration across sectors and disciplines** contributes to protect health, address health challenges, and food safety and promote the health and integrity of our ecosystems.
- Linking humans, animals and the environment, this approach can **support and contribute to global health security**.



# Current food systems: challenges

Fragile food systems are facing many challenges...

- HEALTH
  - Food safety & health concerns (NCDs, eg. Obesity)
  - Health crises
- INCLUSION
  - Access to healthy food for all
  - Food security at large
- ENVIRONMENT
  - Deforestation
  - Biodiversity loss
  - Soil depletion
  - Climate crises



...with **30% of our GHG emissions** coming from Food Systems.

# Current food systems: pathways

Not an unsolvable situation... but not without a transformation of food systems:

Diversification in diets

Building food systems resilience

→ The Green Deal & Farm to Fork Strategy show positive signs of systems transformation, and eyes are on the **expected proposal for a SFS framework law (end of 2023)**.





# Sustainable Food Systems should...

- **HEALTH:** Provide easy accessible access to sustainable, nutritious, healthy food diets to all;
- **ENVIRONMENT:** Support biodiversity, protect & restore natural resources and ecosystems;
- **INCLUSION:** Provide decent working conditions and fair income to all, ensure animal welfare standards.



SATPEA  
Science Advice to Policy by European Academies

a sustainable food system for the EU is one that

provides and promotes safe, nutritious and healthy food of low environmental impact for all current and future EU citizens in a manner that itself also protects and restores the natural environment and its ecosystem services, is robust and resilient, economically dynamic, just and fair, and socially acceptable and inclusive. It does so without compromising the availability of nutritious and healthy food for people living outside the EU, nor impairing their natural environment.

(SAM, 2019b)

# The SFS Framework Law(s) should...

## Ensure policy coherence (General Food Law, SFS, CAP, Fisheries, CEAP, etc.) :

- Without an overarching vision for EU law- and policy-making on food, any achievement within the 3 dimensions of sustainability will be undermined.
- SFS Law as an umbrella law encompassing definitions, principles, targets and objectives for Food Systems, requiring all policies to comply with said objectives.

## Adopt a food environments approach

- Leaving behind the narrative that puts consumers at the centre of all changes
- Prompting policies addressing food pricing, promotion/marketing policies, regulating food composition, retail environments, labelling, etc.

# The SFS Framework Law(s) should...

## Set time- and legally-binding targets

- For Food Waste reduction – also addressed in other EU legislation (WFD)
- GHG emissions
- Adoption of healthy diets
- In line with SDGs

## Identify & apply strong accountability /performance mechanisms to monitor progress

- Have indicators to monitor progress and timely achievement of objectives:
- Indicators on all 3 dimensions of food sustainability
- National reporting on these aspects

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## Systemic transformation: Food Losses and Waste (FLW)

### The problem

Globally, approx. **38%** (by weight) of the edible parts of food produced for human consumption is lost or wasted, around **1.3 billion tonnes of FLW/year**

In the EU, approx. **89 million tons** of FLW is produced every year, accounting for 20% of the total food produced – a cost estimated at around € 143 billion, impacting all stages of the Food Value Chain

FLW accounts for 8-10% of global GHG emissions

In the EU: **6% of total EU GHG emissions**, a figure that is likely underestimated

# Ambitions – Towards near-zero FLW

## Need for ambitious policies

- ...Establishing **binding targets of 50% FLW reduction for EU Member States** by 2030, with an ambition of reaching higher objectives beyond 2030 ;
- ...Covering the **entire food value chain**, including unharvested food waste ;
- ...Addressing the understanding o

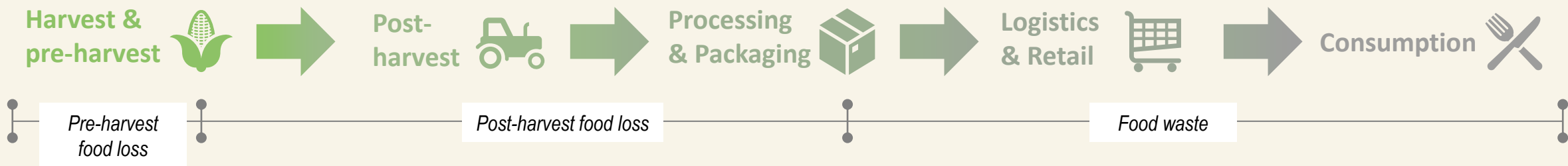
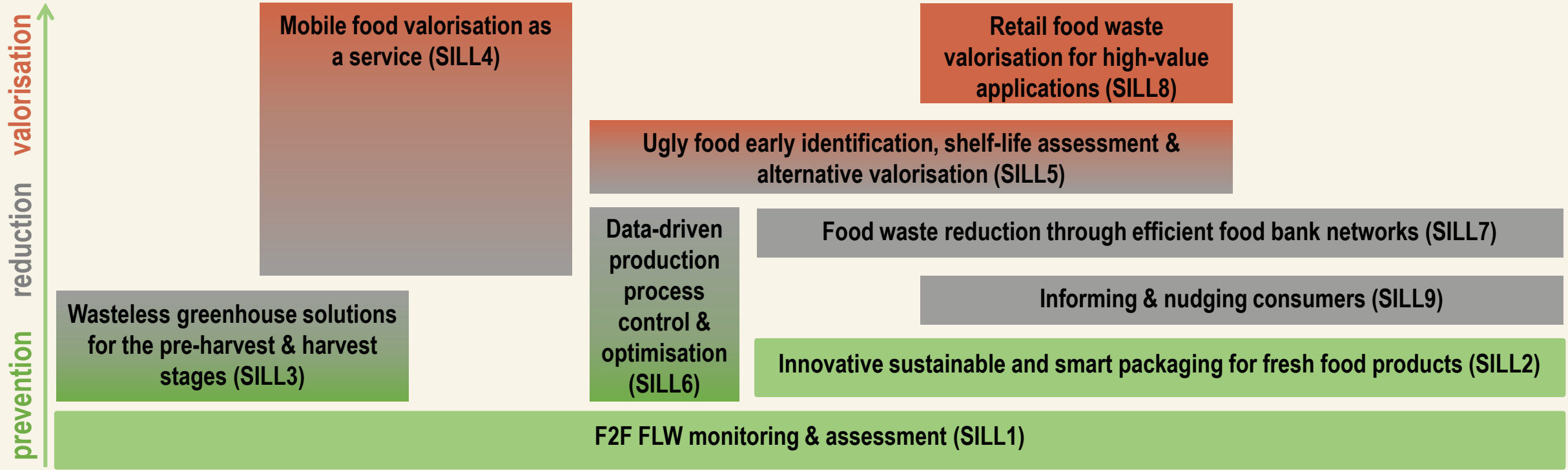
# Ambitions – Towards near-zero FLW

...and systemic innovation matching policy ambitions  
– through research projects

- To test and demonstrate systemic innovation solutions for significantly reducing FLW
- To assess the impacts, risks, and sustainability trade-offs of the innovations
- To scale up the FLW systemic innovation solutions and approach, build capacity towards near-zero FLW
- To define a 'just' transition pathway (scenario) to near-zero FLW, including intermediate EU targets
- To create appetite from all audiences (policy-makers, consumers, FBOs, producers, etc.) for large-scale adoption of systemic innovations results



# How do we reduce FLW?





Impact = Assessment + Demonstration along value chain

# FoodSafety4EU

SILL3 – Wasteless greenhouse solutions for the pre-harvest & harvest stages

SILL4 – Mobile food valorisation as a service

SILL6 – Data-driven production process control & optimisation

SILL8 – Retail food waste valorisation

SILL9 – Informing & nudging consumers

SILL7 – Efficient food banks networks

SILL5 – Ugly food early identification, shelf life assessment and alternative valorisation

SILL2 – Innovative, sustainable and smart packaging for fresh food products

SILL1 – F2F FLW monitoring & assessment

Harvest & pre-harvest



Post-harvest



Processing & Packaging



Logistics & Retail



Consumption



FLW economic models

Data-driven solutions

Systemic innovation

Environmental sustainability

Just transition

Exploitation & commercialisation



Short term impact (2025, end of project)  
25 % FLW reduction



Mid-term impact (2030)  
Halve FLW



Long-term impact (2050)  
Near-zero FLW





**THANK TO ALL**



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