



This Project is funded by the European Union and the Republic of Turkey

Technical Assistance for Assessment of Turkey's Potential on Transition to Circular Economy

EuropeAid/140562/IH/SER/TR

EU policies and measures to prevent food waste

Piotr Barczak - European Environmental Bureau

Activity 1.2.1. Circular Economy Training
12th May 2022 - Antalya, Türkiye

Workshop 12.05.2022, Antalya

EU policies and measures to prevent food waste: context and challenges

Piotr Barczak
EEB

Twitter: @Pbarczak; @Green_Europe

Tomasz Szuba
Venturis HoReCa

omasz.szuba@venturishoreca.com



EEB

European
Environmental
Bureau



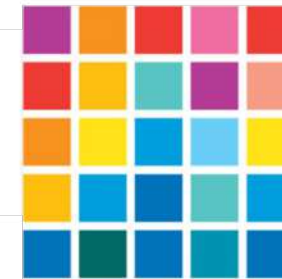
EEB



www.eeb.org



EEB



Do you know how much food you waste, when, and why?



Why do we have FW?

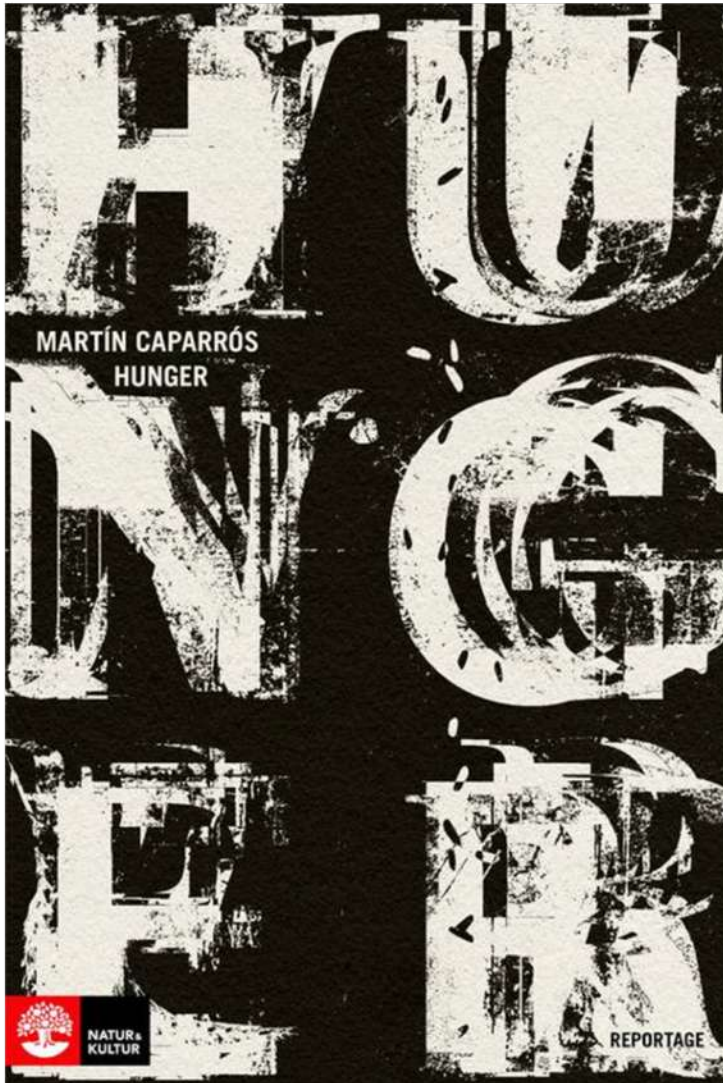


Consequences of FW: 3 key aspects

Socio-ethical

50%

Source: Institution of Mechanical Engineers (UK) - 2013.



1,5 bln

hungry

overweight

food waste

Bigger picture of food waste by EEB

- We encourage the shift to a holistic approach to food sustainability
- The current food system treats food as a simple commodity
- Cross cutting issue – cross cutting tools:
 - biodiversity, small scale farming
 - energy efficiency, short food supply chain
 - sustainable consumption habits
 - traditional knowledge and education
- Food loss – upstream (production)
- Food waste – retailers and consumers
- NL 541 kg/citizen, BE 345 kg/citizen
- Two main doubts:
- When there was no single use packaging there was less food waste
- More food waste in the developed, industrialised countries

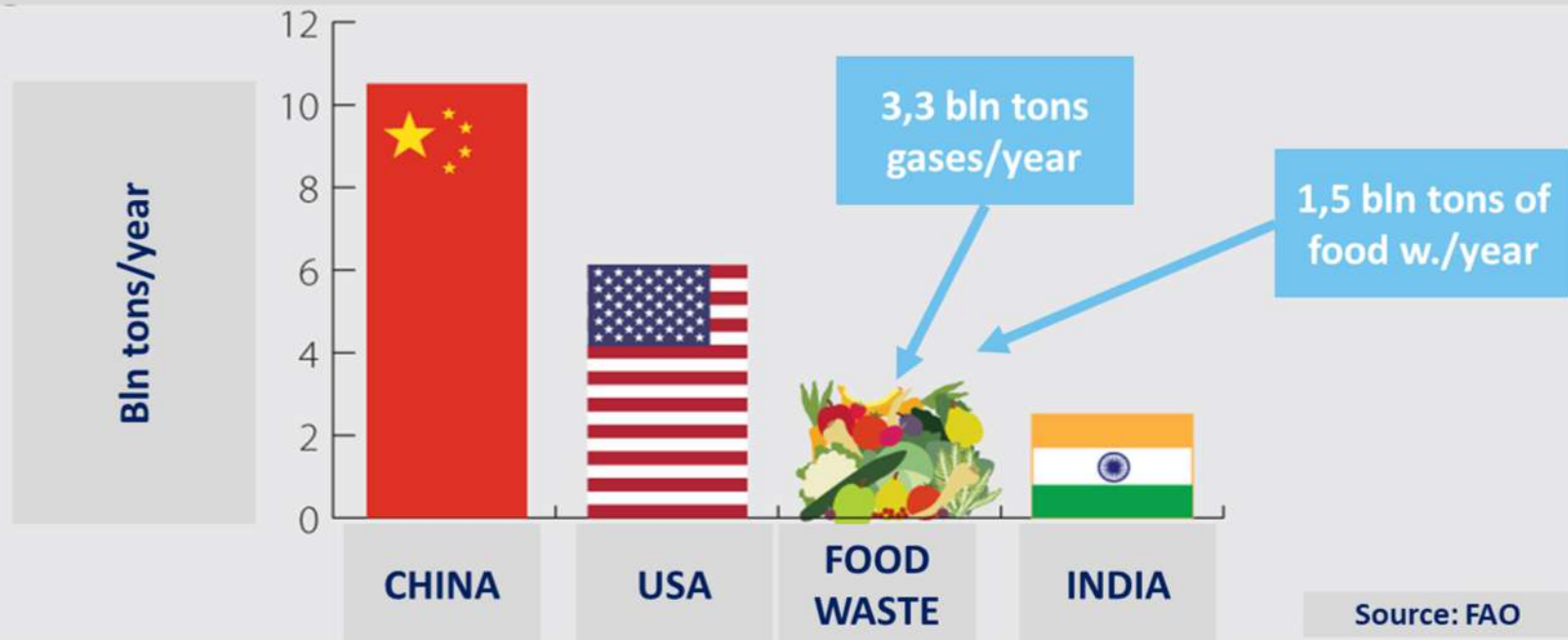


EEB
European
Environmental
Bureau

Consequences of FW: 3 key aspects

Environmental

If food waste was a country it would score
3rd in emmissions of greenhouse
gasses/year



Consequences of FW: 3 key aspects



Source: FLWprotocol.org

Financial

USD 940 bln/year



Policy context

UN level



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."

Policy context: revised Waste Framework Directive of 2018

EU level



2025: 30%
2030: 50%

preventing

decreasing

measuring

14.6.2018

EN

Official Journal of the European Union

L 150/109

DIRECTIVE (EU) 2018/851 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
of 30 May 2018
amending Directive 2008/98/EC on waste
(Text with EEA relevance)

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty on the Functioning of the European Union, and in particular Article 192(1) thereof,

Having regard to the proposal from the European Commission,

After transmission of the draft legislative act to the national parliaments,

Having regard to the opinion of the European Economic and Social Committee ⁽¹⁾,

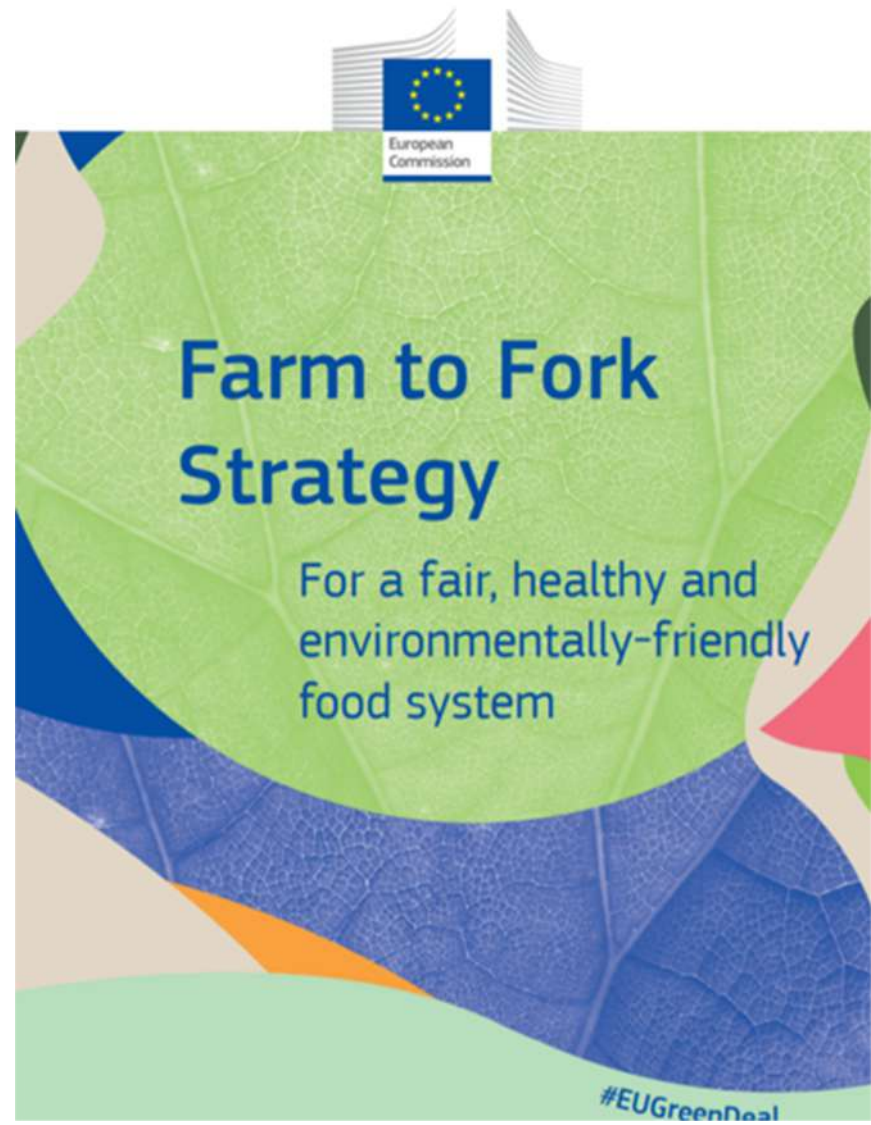
Having regard to the opinion of the Committee of the Regions ⁽²⁾,

Acting in accordance with the ordinary legislative procedure ⁽³⁾,

Whereas:

Policy context: strategic documents for 2020-2026

EU level



Policy context: strategic documents for 2020-2026

EU level



2020-2024

While the food value chain is responsible for significant resource and environmental pressures, it is estimated that 20% of all food produced in the EU is lost or wasted. Therefore, in line with the Sustainable Development Goals (SDGs) and as part of the review of Directive 2008/98/EC referred to in Section 4.1, the Commission will propose a food waste reduction target as one of the key actions under the future EU Farm fork Strategy, which will comprehensively cover the food value chain and strengthening the collection and the target of reducing the total waste generate.

Policy context: strategic documents for 2020-2026

EU level



Timmermans: climate law will be Europe's "guiding principle" through the recovery (Photo by Dursun Aydemir/Anadolu Agency via Getty Images)

Covid-19: Timmermans emphatic that Green Deal will not be sidelined

- <https://www.endseurope.com/article/1680971/covid-19-timmermans-emphatic-green-deal-will-not-sidelined>

By Frédéric Simon | EURACTIV.com

Apr 14, 2020



The "green recovery alliance" was launched on Monday (14 April) at the initiative of Pascal Canfin, a French centrist MEP who chairs the European Parliament's committee on environment and public health. [© European Union 2020 - Source : EP]

Languages: Français



An informal alliance has been launched in the European Parliament on the back of calls from 12 EU environment ministers who have signed an appeal for a green recovery from the COVID-19 pandemic.

Policy context: EU Platform on Food Losses and Food Waste: inspiration



EN English

Food Safety

[Home](#) [Food](#) [Animals](#) [Plants](#) [Horizontal topics](#)

[European Commission](#) > [Food Safety](#) > [Food](#) > [Food Waste](#) > [EU actions against food waste](#) > [EU Platform on Food Losses and Food Waste](#)

EU Platform on Food Losses and Food Waste

Thematic sub-groups

- Action & implementation
- Consumer food waste prevention
- Date marking and food waste prevention
- Food donation
- Food loss and waste monitoring

Key recommendations for action

The recommendation of the Platform aim to tackle food waste.

Platform meetings

View minutes and presentations from the meetings of the platform.

Platform members

See the lists of Members from public entities and private stakeholders.

Challenges of FW

Definition

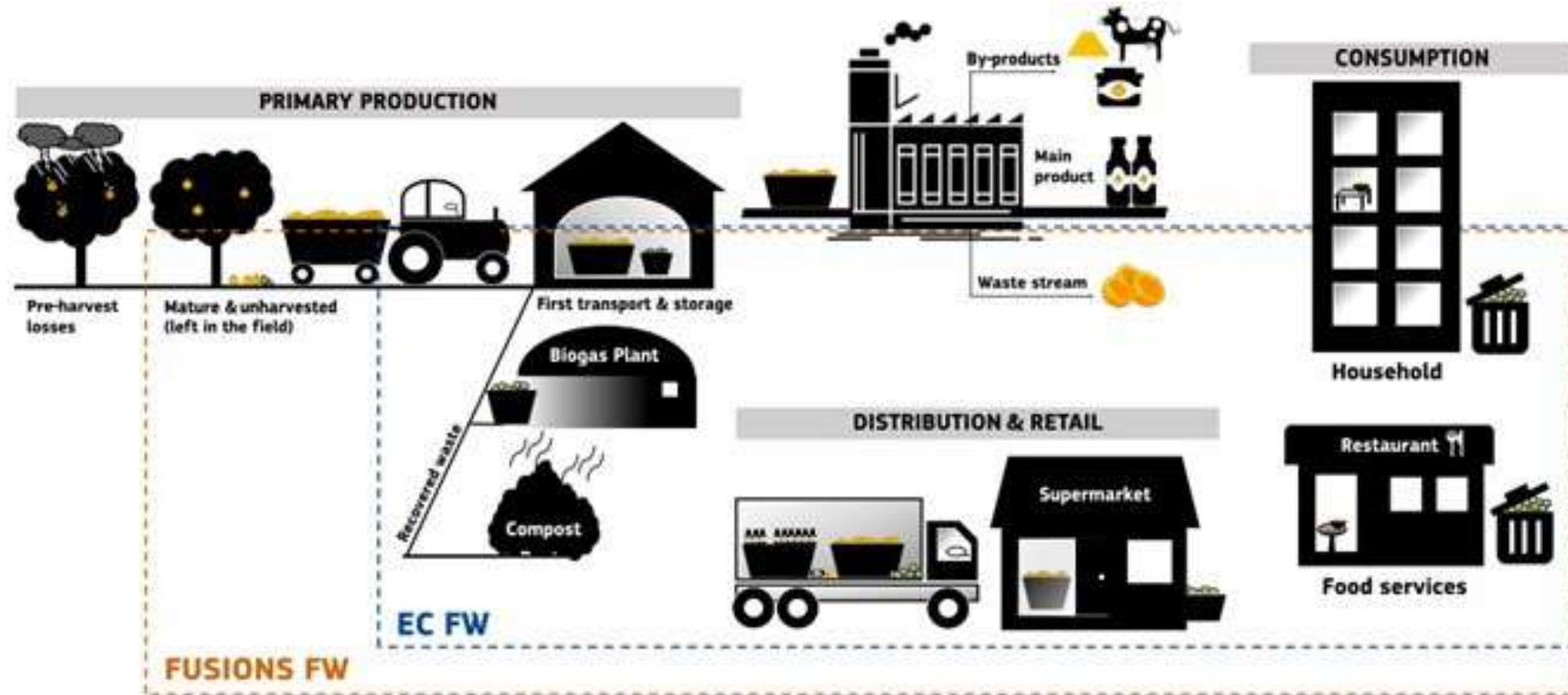


Figure 1. Boundaries of food waste (FW) as defined by FUSIONS (2014)⁴ and the EU (2018).

Challenges of FW

Hierarchy of solutions



Source: [Brief on food waste in the European](#) European Commission Joint Research Centre, 2020

Challenges of FW

Statistics



The image is a screenshot of a news article from the Anadolu Agency (AA) website. The URL in the browser's address bar is <https://www.aa.com.tr/en/economy/turkey-wastes-377b-worth-of-food-per-year/1596595#>. The page features a dark blue header with the AA logo and navigation links for 'TURKIYE', 'WORLD', 'ECONOMY', 'POLITICS', 'ENERGY', 'SPORTS', 'INFOGRAPHICS', 'ANALYSIS', 'VIDEO', and 'PHOTO'. Below the header, there is a red tag that says 'TURKIYE, ECONOMY'. The main headline reads: **'Turkey wastes \$37.7B worth of food per year'**. Below the headline, the sub-headline states: 'Turkey throws away 26 million tons of food every year, says chair of advocacy group'. The author is listed as 'Gokhan Yildiz | 28.09.2019'. The main image shows a close-up of a hand holding a silver fork over a plate of food, which includes green leafy vegetables and a yellowish-orange sauce. In the bottom right corner of the image, there is a small blue speech bubble icon and the text 'CO in'.

FW: 214 billion Turkish liras (\$37.7 billion) worth of food on an annual basis.

Amount of food wasted in Turkey stands at 26 million tons

25-40% of food produced in the country was either lost or wasted every year.

Poland with 38 mln citizens: 5 mln tonnes per annum

Challenges of FW



75 rooms

Overproduction



39 tons

breakfast	lunch	dinner	
0,53 kg	1,13 kg	0,71 kg	➔ Kitchen prepares per guest
0,39 kg	0,69 kg	0,39 kg	➔ Average guest eats

**200 000 EUR
of loss p.a.**

Challenges of FW

Metabolic food waste



Teramo University: Metabolic Food Waste and Ecological Impact of Obesity in FAO World's Region, 2019

Challenges of FW



Awareness yes,
but...



Challenges of FW



**Awareness yes,
but...**



Challenges of FW



Nuances make difference



Challenges of FW

Right direction but watch out for greenwashing



ACCOR HOTELS
Feel Welcome

30% less by 2020

Radisson **BLU**

Blu Breakfast



INTERCONTINENTAL.
HOTELS & RESORTS

IHG Green Engage™ system

Through careful menu planning, our hotels reduce food waste and make use of seasonally available ingredients.

Marriott.
HOTELS · RESORTS · SUITES

50% less by 2025



SERVE360
DOING GOOD IN EVERY DIRECTION

Challenges of FW



Food donations yes, but....



Is packaging a solution?

- Packaging is part of the solution to avoid food waste but it is also a part model supporting overconsumption and single-use society that creates a huge amount of waste.
- Packaging compared to content (ie. cornflakes).
- Promotional packaging (2 products wrapped).
- Why a number of package free shops in Europe is skyrocketing (Zero Waste, Slow Food)



Is small local production a solution?

- **Local, sustainable jobs;**
- **More just revenue for the farmer;**
- **Sustainable production;**
- **food is delivered “just in time”;**
- **Less single use packaging needed;**
- **More traceability;**
- **More community feeling;**
- **Less waste;**
- **Less brands and better products;**
- **Better taste, fresher, more nutrients;**
- **Allows customers to buy the quantities they will use.**



Options for food waste reduction

- **Setting a reduction target;**
- **Setting targets for prevention and reuse and recycling of packaging material;**
- **Reviewing the EU Legislation for Food Safety;**
- **Reviewing of European Marketing Standards;**
- **Alternative Marketing Strategies;**
- **Food Date Labelling (best before; use-by; abolition of “display-until”; price reductions);**
- **Awareness Campaign;**
- **Improving Workflows and Supply Chain Management;**
- **Sharing Networks for Surplus Food;**
- **Labelling.**

Options for food waste reduction cont.



Buffet in our hotel





EEB

European
Environmental
Bureau

THANK YOU!

www.eeb.org



@Green_Europe




@EuropeanEnvironmentalBureau

eeb@eeb.org

The EEB gratefully acknowledges the financial support from the LIFE Programme of the European Union. This communication reflects the organizers' views and does not commit the donors.

Piotr Barczak

 piotr.barczak@eeb.org

 @Pbarczak

 +32.489.288.981

8 Factsheets on how the EU can get the circular economy right

