

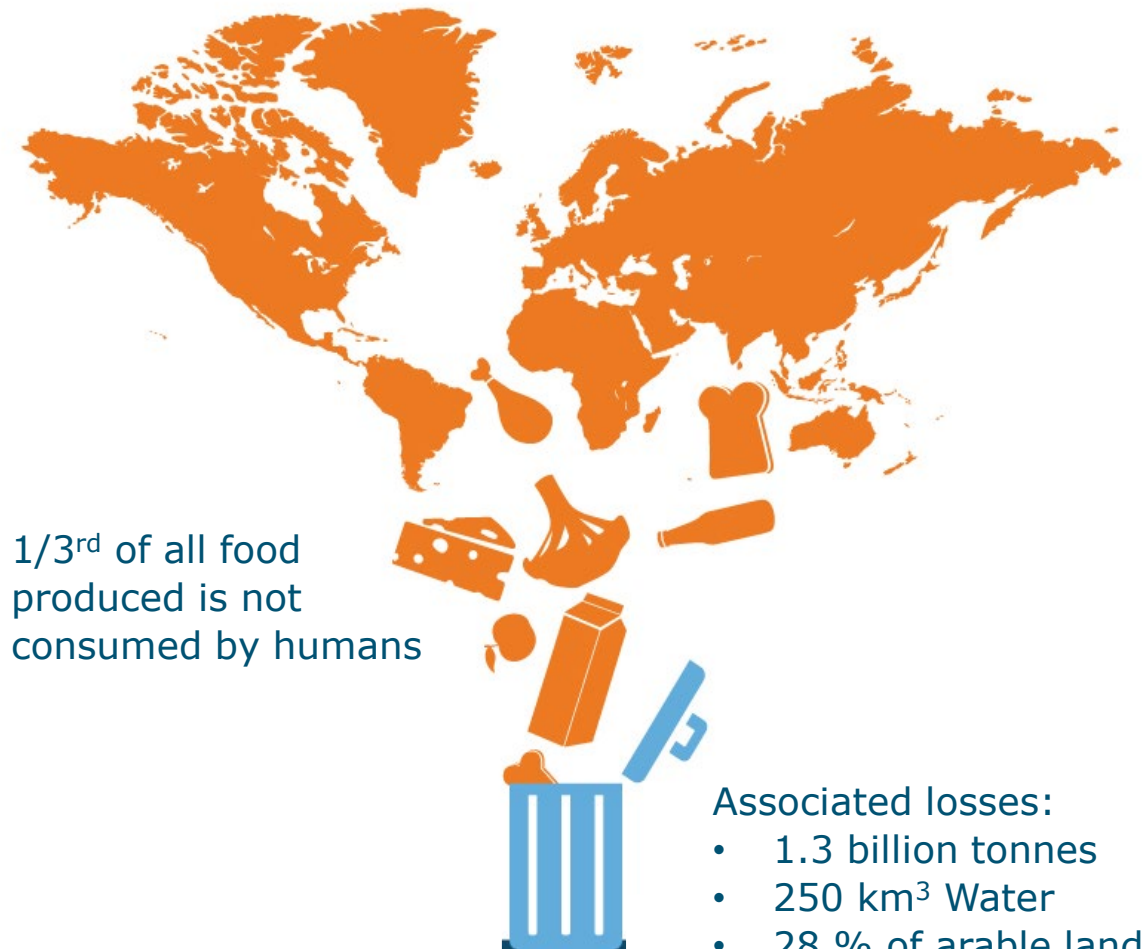
Food waste: towards half as much

Initiatives & programmes that encourage public participation

7 March 2018, NLWA, London (UK)



Food Waste



EU-28 PRODUCES 

 **88** MILLION TONNES
of food waste per year

amounting to an estimated
143 BILLION EUROS 

70% of **EU FOOD WASTE**
arises at **household, foodservice, & retail** sectors



The **HOUSEHOLDS SECTOR** contributes the most, with **47 MILLION TONNES**



Imag(en)ing food waste throughout the chain



European & global initiatives

■ Sustainable Development Goals

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"



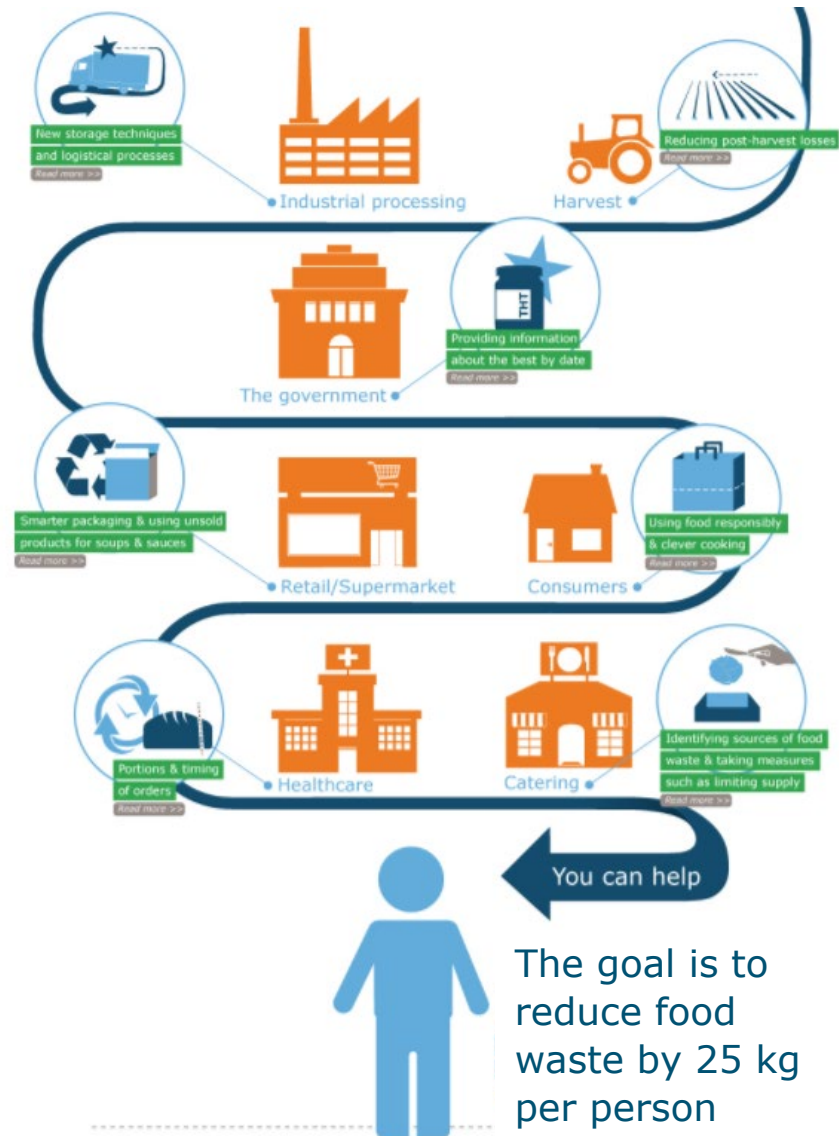
■ EC Circular Economy Package

- Common EU Methodology
- Clarifying legislation re. feed, donation, and former foodstuff
- Date marking



Solutions that are being developed

- Harvest: reducing post-harvest losses and optimising quality through conditioning
- Industrial processing: new processing & storage techniques and logistical processes
- Government: providing information about food waste quantities, date marking & barriers of legislation
- Retail-supermarket: DSS on stock management, smarter packaging & converting unsold products to new
- Consumers : using food responsibly in planning, buying, storing, preparing & waste
- Healthcare: Process analysis, portioning, and serving concepts
- Catering: Identifying sources of food waste & taking measures such as limiting supply





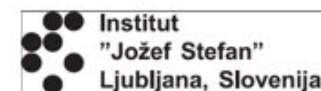
REFRESH: Resource Efficient Food and dRink for the Entire Supply cHain

REFRESH's main objective is to contribute towards Sustainable Development Goal 12.3 of halving per capita food waste at the retail and consumer level and reducing food losses along production and supply chains.

To achieve this, the project's main goals are to

- Develop strategic agreements to reduce food waste with governments, business and local stakeholders in four pilot countries (Spain, Germany, Hungary, and the Netherlands).
- Formulate EU policy recommendations and support national implementation of food waste policy frameworks
- Design and develop technological innovations to improve valorisation of food waste and ICT-based platforms and tools to support new and existing solutions to reduce food waste
 - 26 Partners from 12 European countries and China
 - Duration: July 2015 – June 2019
 - Funding: ~ EUR 9 million

Project Consortium



University of Natural Resources
and Life Sciences, Vienna

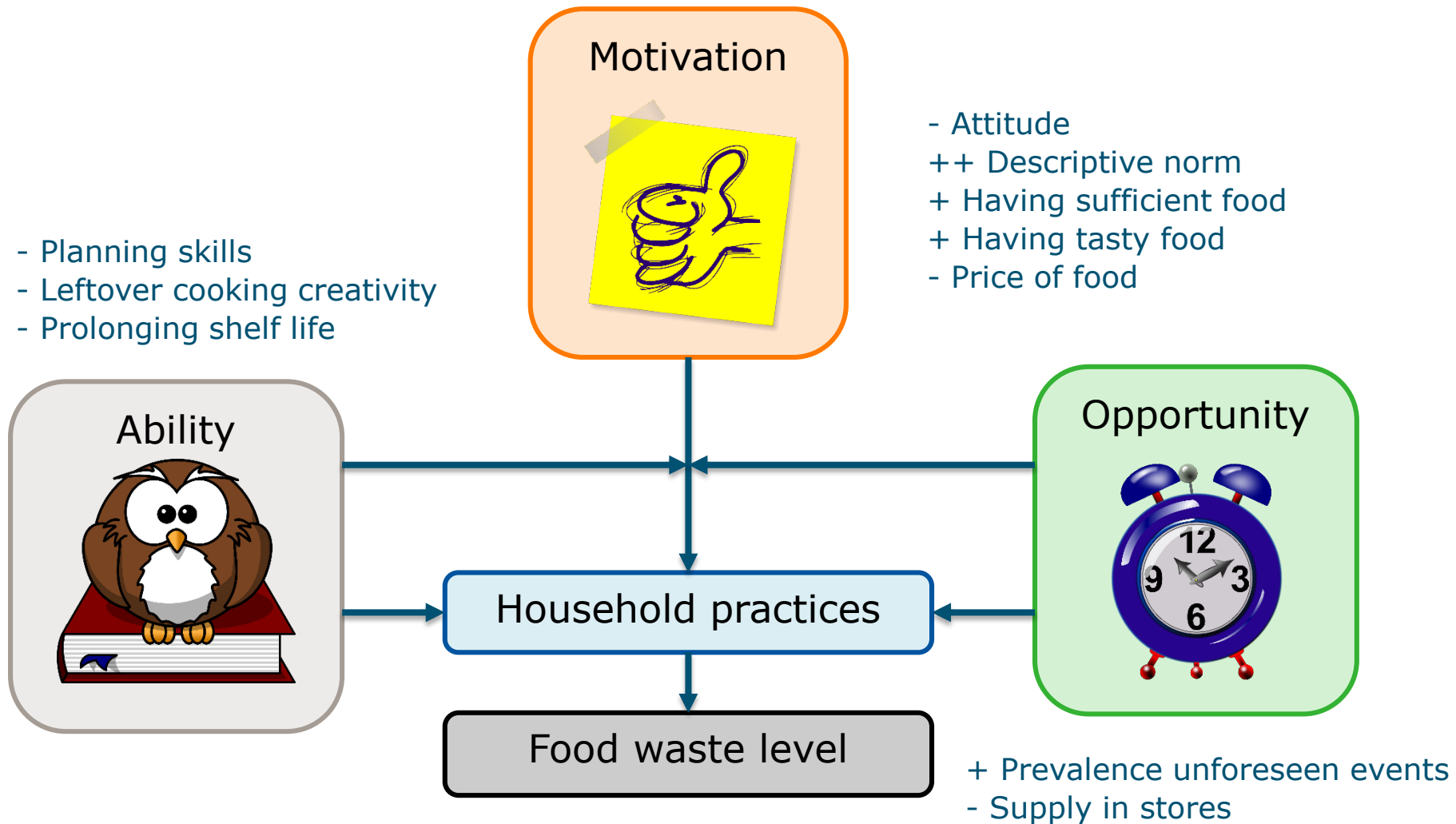


Insights on consumer behaviour - REFRESH

- Consolidating existing Pan-European consumer understanding
- Quantified food waste diversity across Europe
- Food waste measurement methodologies at household level
- Food waste measurement methodologies at household level
- ICT tools for food mgt & waste prevention
- On-pack information consumer understanding
- Acceptance of by-product valorization streams by consumers



Effect on Household Food Waste



Action & innovation



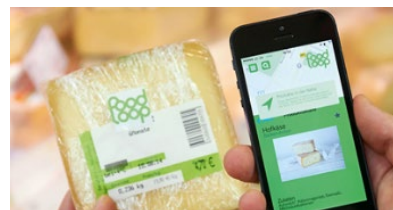
FOOD battle

Invullen van gewicht in grammen. Als je over meerd bij de betreffende categorie, en omcirkel dit getal.

Dag	Datum dd/mm	Brood en andere ontbijt-producten	Groenten & fruit	Aardappelen & rijst
1	11/11	195 (35)	(25)	
2	12/11	(195)	50 (100)	50 (50)



Food waste



Inspiration



www.restosducoeur.org



www.zugutfuerdietonne.de

The seven EU FUSIONS social innovation projects

Communiqué

Positiver soziale Konsumkultur

Surplus Food

**FEED
BACK**

Gleaning Network EU



Deloitte
Deloitte
Développement
Durable

Advancing Social
Supermarkets

**FEED
BACK**

DISCO BôCô



Order-Cook-Pay

Hungarian
Food Bank
Association

Food Service
Surplus Soution

ANAT LIKI

Cr-EAT-ive
Schools



WAGENINGEN
UNIVERSITY & RESEARCH



100years
1918 — 2018

Pilot working platforms in EU



Ministry of Economic Affairs

