Food Waste → Food Use & Resource Efficiency

Reducing food waste through social innovation
The overall aim of the project is to contribute significantly to the harmonisation of food waste monitoring, feasibility of social innovative measures for optimised food use in the food chain and the development of a Common Food Waste Policy for EU28.

*Project duration: 48 months (2012 – 2016)*

[www.eu-fusions.org](http://www.eu-fusions.org)
Involving 21 partners in 13 countries
FUSIONS Project Structure

**ESTABLISH**
Reliable data & information sources
- Establish, develop test & describe standardised quantification & reporting methodologies for food waste monitoring
- Comprehensive mapping of existing trends
- Criteria for environmental and socio-economic impact
- Quantification manual and assess EU-28

**EXCHANGE**
Multi-stakeholder Platform
- Establish the European Multi-stakeholder Platform
- Organisation of European and regional conferences and interactive meetings
- Organise feedback & consensus building process

**ENGAGE**
Sharing of knowledge
- Share key deliverables through a range of channels
- Organise events, campaigns and cooperate with external parties to create maximum impact
- Raise awareness, extend the ambassador network and provide tools & guides to support action

**ENABLE**
Policy recommendations
- Map legislation & policies
- Identify measures & policy evaluation framework
- Design guidelines & recommendations

**EXEMPLIFY**
Feasibility studies
- Identify initiatives and best practices
- Invite, co-design initiatives & evaluate
- Execute, monitor and evaluate feasibility studies
- Encourage additional activities

WP1 WP2 WP3 WP4 WP5
Growing attention → Strong on the agenda: CE package

Uncertainty on definition and amounts → New frameworks and data

What can we do?

Increasing action by policy and innovative initiatives

Reducing food waste through social innovation
2016 and beyond

• EC Circular Economy Package (2.12.2015)
Target = SDG 12.3 by the UN

→ 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

→ Harmonised monitoring (bi-annually)
### Highlights FUSIONS 2012 - 2016

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Reducing food waste through social innovation
Publicly available data EU28 -> many gaps

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What did we get… (first new estimate)

100 Mtonnes (2012) ± 23 Mton

GWP: 227 Mton CO₂ eq. (16%)

45% Households
Innovation

• Cr-EAT-ive
• Social Supermarkets
• Gleaning

Gleaning Network EU

• Communique
• Hungarian Foodbank Association
• Disco Boco
Join the FUSIONS final meetings

Discussion, workshops & consultation on Quantification, Policy & Social Innovation

FUSIONS’ upcoming meetings:
Regional:
• 25 February Vienna (AUT) incl. FSE event
European:
• 31 March Brussels (B)

See www.eu-fusions.org or contact fusions@wur.nl
Reducing food waste through social innovation
2015 and Beyond

- Necessity stays: ethically, economically & ecologically for food security and resource efficiency
- Improved food use stimulates innovation and creativity in the FSC
- Awareness of opportunities within the FSC
- Inform and facilitate consumer awareness & action
- Increase knowledge: data, harmonisation, innovation
Global increasing interest to tackle FW

- UN SDG 2015 – 2030
- UNEP Think.Eat.Save
- WRI Global protocol measuring food losses and waste
- G20 initiative Technical platform measurement & reduction of food losses & waste
- Champions 12.3 alliance of captains of industry, NGOs and MS (launch at the WEF in DAVOS, January 2016)
European responses

- EC Circular Economy Package (2.12.2015)
  Target = SDG 12.3 by the UN

- 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

- Harmonised monitoring (bi-annually)
EC actions

- Develop a **common EU methodology** to measure food waste and define relevant indicators.
- Create a **platform** involving Member States and stakeholders in order to support the achievement of the SDG targets on food waste, through the sharing of best practice and the evaluation of progress made over time.
- Take measures to **clarify EU legislation** relating to waste, food and feed and facilitate food donation and the use of former foodstuff and by-products from the food chain in feed production without compromising food and feed safety;
- Examine ways to improve the use of **date marking** by actors in the food chain and its understanding by consumers, in particular the "best before" label.

- 26 partners
- Multi stakeholder platforms
Central Ambition

Framework of Action

- Voluntary strategic agreements
- Across all stages of the supply chain
- Backed by National Governments,
- Delivered through collaborative working
- Supported by evidence-based tools

Success will support transformation towards a more sustainable and secure EU food system, benefitting Europe’s economy, environment and society.
Project structure

WP2 Framework of action

WP1 Consumer Understanding

WP3 Policy framework

WP4 Behavioural economic approaches

WP5 Environment impact & LCC

WP6 Valorisation waste & co-products
Consortium
More information

- www.eu-refresh.org

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