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

Reducing food waste through social innovation

Involving 21 partners in 13 countries
**FUSIONS Project Structure**

**ESTABLISH**
Relate data & information sources
- Establish, improve link & support stakeholders
- Coordination & reporting methodologies for food waste evaluation
- Work on definitions & reporting
- Evidence for environmental and social impacts

- Establishes new methodologies and standards

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

- Establishes the European Multi-stakeholder Platform

**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

- Shares knowledge and experience

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

- Evaluates and identifies best practices

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

- Enables policy recommendations

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**Food waste 2012 - 2016**

Growing attention → Strong on the agenda:

- CE package

Uncertainty on definition and amounts → 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 (?)

Highlights FUSIONS 2012 - 2016

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<td>• Soc/Env/Econ Impact</td>
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<td>Harmonised &amp; reliable data EU 28</td>
<td>FW policy for EU 28</td>
<td>Lessons learned &amp; replication</td>
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What did we get… (first new estimate)

- 100 Mtonnes (2012)
- ± 23 Mton
- GWP: 227 Mton CO₂ eq. (16%)
- 45% Households

FUSIONS multi-stakeholder platform

Reducing food waste through social innovation
Innovation

- Cr-EAT-ive
- Social Supermarkets
- Gleaning

Gleaning Network EU

- Communiqué
- Hungarian Foodbank Association
- Disco Boco

Reducing food waste through social innovation
Join the FUSIONS final meetings

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

FUSIONS’ upcoming meetings:

European:
• 31 March Brussels (B)

See www.eu-fusions.org or contact fusions@wur.nl
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

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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.

www.eu-refresh.org
Project structure

WP1
Consumer Understanding

WP2
Framework of action

WP3
Policy framework

WP4
Behavioural economic approaches

WP5
Environment impact & LCC

WP6
Valorisation waste & co-products

Consortium

www.eu-refresh.org

www.eu-refresh.org
More information

- [www.eu-refresh.org](http://www.eu-refresh.org)

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