Fresh ideas to reduce food waste and valorise surplus food

REFRESH on Policy Insights

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REFRESH policy work

Focus areas of the project are reflected in our policy work

1. Changing consumer behaviour (and implementation and monitoring of interventions)
2. Feeding surplus food to omnivorous non-ruminant livestock
3. Voluntary agreements
4. Unfair Trading Practices

Integrated supply chain policies
REFRESH policy work

Focus areas of the project are reflected in our policy work

“0“. Integrated policies to reduced food waste & promote sustainable (circular) food systems
1. Changing consumer behaviour (and implementation and monitoring of interventions)
2. Feeding surplus food to omnivorous non-ruminant livestock
3. Voluntary agreements
4. Unfair Trading Practices

Integrated supply chain policies
Integrated perspective – integrated policy

System maps & analytical framework
Mapping food waste drivers across the food supply chain

FOOD USE HIERARCHY

Safe and nutritious food available for human consumption

Prevention
Prevention and reduction of surplus food at source

Redistribution
Redistribution and reprocessing of surplus food for human consumption

Feed
Use for animal feed

Recycling
Recycling and recovery:
- compost, pet food, biomaterial and other industrial uses
- energy production: biogas, biofuel, incineration incl. energy recovery

Disposal
- Waste sent to landfill
- Product going to sewer
- Waste incineration without energy recovery
Integrated perspective – integrated policy

- System maps & analytical framework
  Mapping food waste drivers across the food supply chain

- Review relevant EU Policy areas related to food waste prevention and valorisation

1. Waste and resource policy
2. Food safety and hygiene
3. Special case: use of former food for animal feed
4. Agriculture & rural development
5. Fisheries policy
6. Unfair trading practices
7. Bioenergy
8. Product info & date labelling
9. Changing consumer behaviour
10. Voluntary cooperation
System maps & analytical framework
Mapping food waste drivers across the food supply chain

Review relevant EU Policy areas related to food waste prevention and valorisation

Policy Workshops
1. Reducing **consumer** food waste
2. Regulating the role of **UTPs** in FW generation
**3. Voluntary agreements** as a collaborative solution for food waste reduction
4. Avoiding FW through **feeding surplus food** to omnivorous non-ruminant livestock
   + Background report on **policy options** for consumer behaviour
   + Guidance on **evaluating** HH FW interventions
REFRESH on Consumer Insights

- (Re)Set the social norm
- Use education to teach respect for food & cooking skills
- Encourage mindset of flexibility in light of unforeseen events
- Take complexity & multiple-goals into account within communication / campaigning
- Use directive guidance in On-pack information to support consumer ability/skills development
- Aim at user-friendly IT tools, include rewarding incentives
- Take consumer acceptance into consideration, especially for novel solutions
REFRESH on Integrated Supply Chains

Integrated supply chains

- Use voluntary and regulatory approaches to build flexible, transparent and collaborative supply chains which are better able to respond to the challenges of FW.
- Understand a country’s context and existence of specific FW policies
- Ensure long-term financing and governance
- Establish an independent ‘third-party’
- EU wide framework to support MSs establishing Voluntary Agreement
REFRESH on Integrated Supply Chains

Address **Unfair Trading Practices** to improve the effectiveness of FW prevention approaches, via:

- A clear and easy to follow **Code of Practice** to govern trading behaviour in the Supply chain
- Provide **sufficient resource** to implement measures to investigate and prevent infringements
- **Publish** proven cases and fine in relation to turnover
- Provide **financial support** for the Adjudicator based on industry levy rather than fines
- Protect **anonymity** of case filing FBOs and accept civil society’s evidence
- Also include **international and indirect suppliers**, in- and outside EU Ms, and ensure that all covered by the code are aware of their rights
- Improve **availability of FW data** across MS and on business level, to understand opportunities for intervention
REFRESH on Valorisation

- Identify options using the REFRESH Top Waste streams and the FoodWasteExplorer

- Perform case-specific LCA and LCC to compare environmental benefits and economic viability
  - Address low-hanging fruit first
  - Based on Food Use Hierarchy
  - Use FORKLIFT and/or conduct full LCC & LCA to decide on investments
  - Ensure technical feasibility and legislative compliance

- Economically viable valorisation of side flows needs to take into account volume, transport and sharing of success stories

- Raise FSC and consumer awareness of impact of dietary change to pork & poultry and more seasonal products and their impact on food waste
REFRESH calls for:
- Integrated policies to reduce FW & promote sustainable food systems
- Integrated supply chains
- Transparency & traceability
- Priorities on the Biggest Impact areas
  - Bread & fresh vegetables in top of waste streams
  - Year round availability / ‘gluts’
  - Animal feed & consumption: head-to-tail & dietary changes
  - Food use hierarchy