Food Waste Reduction Roadmap & Food Waste Atlas

Richard Swannell
Director
WRAP Global

Twitter: @R_Swannell

6th December 2018
A world in which resources are used sustainably
WRAP is a not-for-profit organisation working with partners in 20 countries.
Drivers

- Mandatory measurement
- Separate collection
- 50% reduction in food loss & waste
New Developments:

- UK Roadmap
- Food Waste Atlas
According to the United Nations FAO, around a third of all food produced for human consumption is lost or wasted.

In the UK more than 10 million tonnes of food is wasted from farm to fork, worth over £20 billion a year.
UK food industry commitment to 'Target, Measure and Act' and the Food Waste Reduction

Roadmap
Industry commitment to Target, Measure, Act – The commitment

Large businesses are asked to commit to:

**Target** – Set a food waste reduction target for their own UK operations

**Measure** – Measure in a consistent way, and share what they’ve learnt

**Act** – Take action to reduce their own food waste, work in partnership with suppliers and help consumers reduce their food waste
Relationship to other initiatives

• Champions 12.3
  • Implementing ‘Target, Measure, Act’ is entirely consistent with the call for more businesses to be doing this globally, and to be reporting publicly

• Tesco supplier partnership
  • The commitment to SDG12.3, ‘Target, Measure, Act’ and public reporting by the participating Tesco suppliers is consistent with the roadmap

• FLW Standard
  • Technical resources have been reviewed by the World Resources Institute to ensure consistency with the Food Loss and Waste Standard

• Courtauld 2025
  • Courtauld signatories have committed to help achieve a national target, and to share data with WRAP. WRAP are asking Courtauld signatories to explicitly implement the principles of Target, Measure and Act (if not already done so)

• EU Circular Economy
  • Reporting will be aligned with the Food Loss and Waste Standard and EU methodology
Industry commitment to Target, Measure, Act – The commitment

Large businesses are asked to commit to:

**Measure** – Measure in a consistent way, and share what you’ve learnt

---

**Food Surplus and Waste Data Capture Sheet**

**Company Information**
- Company name: [Text]
- Name of person submitting this dataset: [Text]
- Submission date: [Date]

**Scope of the Food Surplus and Waste Inventory**
- Start date of inventory period (12 month period required): [Date]
- End date of inventory period (12 month period required): [Date]
- Material type included: Food and associated inedible parts included in the inventory
- Geography covered: UK
- Business sector / food category covered: [Text - e.g. based on company’s SIC classification]
- Recycle stage (business operations included): [Text]
- Number of sites / facilities covered: [Number]
- Destinations relevant but not included in the inventory below (e.g. not quantifiable / immaterial): [Text]
- Is packaging weight excluded from the values below?: Please select from drop-down menu
- Are losses of crops not yet ready for harvest excluded from the values below?: Please select from drop-down menu
The Food Waste Atlas - The world’s free online tool bringing global food loss and waste data together

Tracking the world’s food loss and waste across the entire food system

The Food Waste Atlas enables countries, cities, companies and other organizations to track food loss and waste, so they can play their part in creating a sustainable food system for all.

The Food Waste Atlas
The Food Waste Atlas supports the delivery of UN Sustainable Development Goal 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.”
Development Team

• Idea Developed with: UN Environment, FAO, WBCSD, CGF and EU-Refresh

• Funded by: WRAP, WRI and the Walmart Foundation
One-third of all food produced in the world is lost or wasted between farm and fork.

Reducing this food loss and waste is a triple win.

It saves money for farmers, companies, and households; wasting less means feeding more people; and reductions alleviate pressure on climate, water, and land resources.

The Food Waste Atlas allows governments and countries to understand how much, where, and why food loss and waste is occurring so they can measure and manage it, playing their part in creating a sustainable food system.

The Food Loss and Waste Accounting and Reporting Standard

The Food Waste Atlas adheres to the Global Food Loss and Waste Accounting and Reporting Standard (known as the FLW Standard). Developed by the Food Loss and Waste Protocol, a multi-stakeholder partnership including WRAP and WRI, the Standard enables countries, companies, and other organizations to account for and report on a credible, practical, and internationally consistent manner how much food loss and waste is created and identify where it occurs, facilitating efforts to reduce it.

The FLW Standard is used in several significant initiatives focused on measuring and reducing food loss and waste. These include The Consumer Goods Forum's Food Waste Resolutions, US Food Loss and Waste 2030 Champions, and FLW-FUSIONS Quantification Manual.

Contact Us

The Food Waste Atlas

Play your part in creating a sustainable food system for all. You can use the form to get in touch with us or to enquire about submitting your data.

Your email
Your name
Your company
Your message

Send
Clear
Tracking the world’s food loss and waste across the entire food system

The Food Waste Atlas enables countries, cities, companies and other organizations to track food loss and waste, so they can play their part in creating a sustainable food system for all.

Tesco

The Food Waste Atlas

The Food Waste Atlas supports the delivery of UN Sustainable Development Goal 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.”
Geography

Timeline

01 Apr 2016 - 31 Mar 2017

Entity Name

Tesco

Food Category

No data available

FLW/DA

Food and associated food byparts
46,684 Tonnes

Riped

No data available

Inedible Parts

No data available

Lifecycle Stage

Retail

Additional Information

Includes all food and beverage products sold in direct operations (stores, depots) in the UK.

FLW/Value

No data available

Destinations

Compostable Digestion Total
16,391 Tonnes

Controlled anaerobic Digestion Total
No data available

Donations Total
5,700 Tonnes

Source

Tesco Inventory
The image is a screenshot of a webpage from the Food Waste Atlas. It contains various sections with data on food waste, including:

- **Timeline:** 26 Feb 2017 - 24 Feb 2018
- **Entity Name:** Tesco
- **Food Category:** No data available
- **FLW Data:**
  - Fresh and associated inedible parts: 53,126 Tonnes
  - Food: No data available
  - Inedible Parts: No data available
- **Financial Value:** No data available
- **Destinations:**
  - Carnivorous Digestion Total: No data available
  - Carnivorous Consumption Total: No data available
  - Domestic: 7,975 Tonnes
- **Source:** Tesco Inventory
- **Additional Information:** Includes all food and beverage products sold in direct operations (stores, depots) in the UK.
- **FLW in Context:**
  - Total weight: 10,023,559 Tonnes
  - Food weight: No data available
  - Inedible weight: No data available
  - Financial Value: No data available
  - Covers: No data available
  - Turnover: No data available

The source URL is provided as: https://www.tescoplc.com/little-helps-plan/reports-and-polic
Tracking the world’s food loss and waste across the entire food system

The Food Waste Atlas enables countries, cities, companies and other organizations to track food loss and waste, so they can play their part in creating a sustainable food system for all.

The Food Waste Atlas supports the delivery of UN Sustainable Development Goal 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.”
This data is for Household waste collected by local authorities/municipalities. Population = 80,523,700. Food waste/person/yr = 62.7 kg. The original report sought estimates of food waste for 2013, but also used data from other years (primarily 2012) due to data availability.
The Food Waste Atlas is brought to you by

Funders
- wrap
- Walmart

Supporters
- UNEP
- WBCSD
Conclusions

- UK Roadmap designed to help all major food businesses reduce food waste by 50% before 2030
- Encourages businesses to report publicly in line with Food Loss & Waste Standard and EU guidance
- Food Waste Atlas provides a free database for businesses, academics and Governments to report their data in a common format
- Allows public or anonymous reporting & sharing of information to help us all reduce food waste by half.