

Food waste inventory based on Tesco recommendations and FLW standard requirements

(see www.FLWprotocol.org for details and guidance)

Summary

Company name: Noble Foods Ltd.
Name of person filling out report: Glenn Evans (Group EHS Manager)
Date submitted: September 2018

Overall food waste tonnage

544

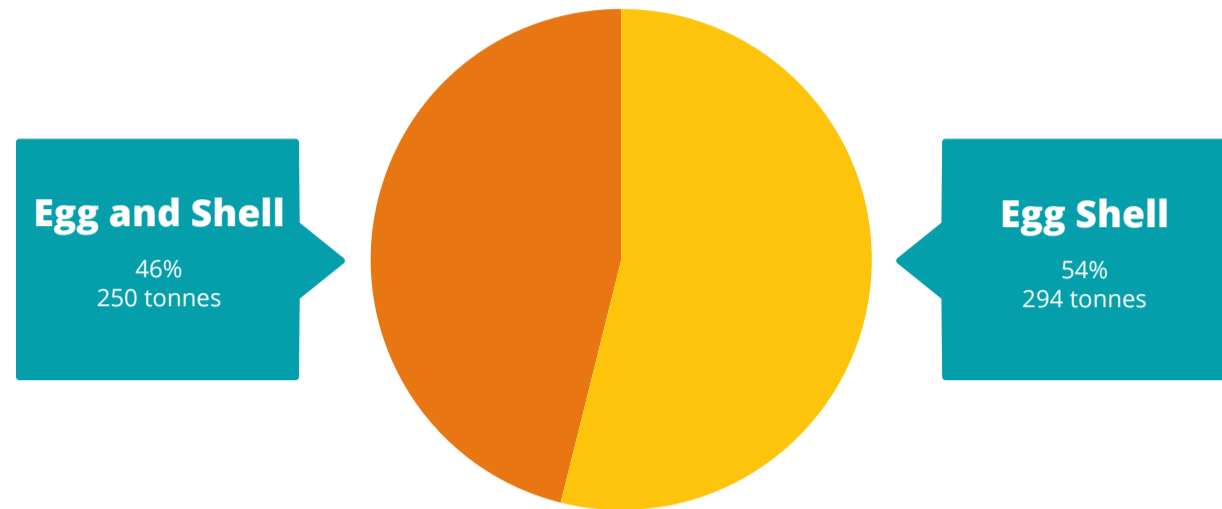
Food waste in tonnes as a % of food produced in tonnes

0.54%

(100,172 Tonnes produced)

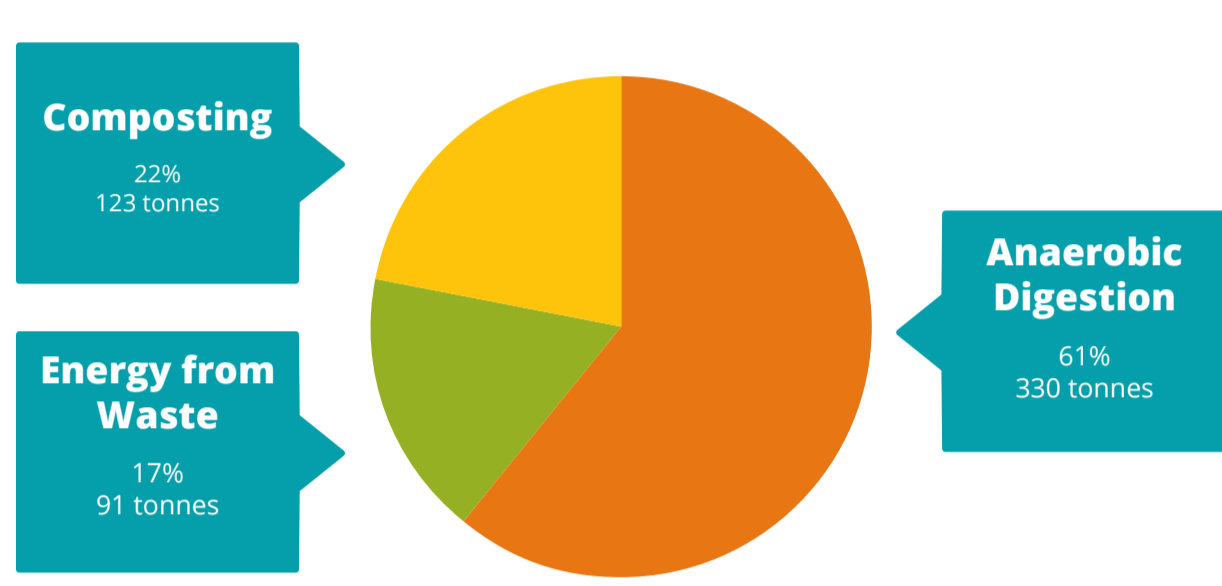
Quantitative breakdown of food waste tonnage by key categories

(Composition of food waste)



Food waste amount by destination

(Waste disposal method)



Tonnes of surplus food donated to charity or other human consumption streams, surplus food/inedible parts diverted to animal feed and/or bio-based materials/biochemical processing

751

Tonnes of unfit egg processed into animal feed

1. Base FLW accounting and reporting on the principles of relevance, completeness, consistency, transparency, and accuracy

- Relevance:** The Noble Foods Consumer Foods Division provided the food waste data
- Completeness:** All the Noble Foods Consumer Foods Division sites have been included within the data submission
- Consistency:** Use of the same methodology each year. Waste data is recorded and tracked using KPI sheets and data is verified prior to submission.
- Transparency:** The waste figures reported are generated from production data so that the same methodology is used for internal reports as well as external reports.
- Accuracy:** All wastes are weighed during the collection of the waste by third party disposal contractors. Liquid egg is weighed internally before collection by the third party. The weighbridge tickets waste transfer noted and accounts information are interrogated.

2. Account for and report the physical amount of FLW expressed as weight

- Food waste is reported in tonnes

3. Define and report on the scope of the FLW inventory

- Timeframe:** 12 months (1st Jan 2017- 31st Dec 2017)
- Material type:** Liquid egg, boiled egg and egg shell
- Destination:** The waste reported will either go for processing into Anaerobic Digestion, Composting, Energy Generation from Waste or for processing into animal food products
- Boundary:**
 - Food Category:** Egg products
 - Lifecycle stage:** Direct operations: All pack centres and boiled egg plant
 - Geography:** United Kingdom
 - Organisation:** Noble Foods Ltd (Consumer Foods Division)
- Related Issues:** Packaging weight is excluded

4. Describe the quantification method(s) used. If existing studies or data are used identify the source and scope

- Quantification methods include:** Direct weighing by waste contractors using a weighbridge. Waste reports are sent through on a monthly basis. These are verified through the accounts department and EHS departments to record on monthly KPI sheets so that these wastes can be tracked.

5. If sampling and scaling of data are undertaken, describe the approach and calculation used, as well as the period of time over which sample data are collected (including starting and ending dates)

- N/A

6. Provide a qualitative description and/or quantitative assessment of the uncertainty around FLW inventory results

- Sources of uncertainty include the accuracy of the weighing by the third party and calibration of the weighbridge. Internal weighing of the liquid egg and ensuring the accuracy of the weighing scaled through calibration.

7. If assurance of the FLW inventory is undertaken (which may include peer review, verification, validation, quality assurance, quality control and audit), create an assurance statement N/A

- N/A

8. If tracking the amount of FLW and/or setting an FLW reduction target, select a base year, identify the scope of the target, and recalculate the base year FLW inventory when necessary

- Base year is 2017
- Food waste reduction target of 50% by 2030 as part of the Champions 12.3 which Noble Foods are committed to.
- Methodology is in place to determine when baseline recalculation is necessary

Scope of Company's Food Waste Inventory

Timeframe	Material Type	Destination	Boundary	Related Issues
12 Months (1st Jan - 31st Dec 2017)	Food Inedible parts	Animal Feed Biomaterial/processing Co/anaerobic digestion Compost/anaerobic Controlled combustion Land application Landfill Not harvested Refuse/discards Sewer	Food category = Eggs and Eggs products Lifecycle stage = Direct operations Geography = United Kingdom Organisation = Noble Foods Ltd Consumer Foods Division	The weight of product packaging is excluded from the weight of FLW
<p>Note: While multiple destinations fall under the definition of "foodwaste" for Noble Foods Ltd, food waste in this inventory only goes to the destinations in the filled in boxes.</p> <ul style="list-style-type: none"> Anaerobic Digestion Composting Energy from waste incineration 				