Tackling Food Waste

*From Farm to Fork*

Mark Little

*Head of Sustainability, Sourcing and Waste Policy*
Shared Responsibility

**Upstream**
- Manufacturing: 1.7 million tonnes
- Agriculture (Unknown)

**Midstream**
- Retail operations: 0.2 million tonnes

**Downstream**
- Household: 7.0 million tonnes
Own Operations Waste Data

Tesco UK food waste by category breakdown
(% breakdown of total tonnage value)

Own operations 59,400 tonnes*

*1% of the number of food products sold

- Bakery: 37%
- Produce: 24%
- Chilled: 16%
- Impulse: 6%
- Grocery: 6%
- Meat, Fish, Poultry & Eggs: 5%
- Beers, Wines & Spirits: 3%
- Frozen: 2%
- Other: 1%
Food Surplus Hierarchy

1. **Reduce**
2. **Feed People in Need**
3. **Feed Livestock**
4. **Compost & 100% Renewable Energy**
5. **Disposal**
Tesco CEO Dave Lewis

“By the end of 2017, no food that is safe for human consumption will be wasted inside the UK Tesco operation”
TESCO

COMMUNITY FOOD CONNECTION

FareShare
fighting hunger, tackling food waste

Powered by FoodCloud
After

-AD and Stock Feed
-Prepared potatoes
-Perfectly Imperfect
-Redmere Farms

Vegetable sides
-Cottage pie

Size (mm)
-Too Small
-Whites
-Bakers
-Too Big
Perfectly Imperfect

Perfectly Imperfect Potatoes
Less than perfect, but very tasty

15 MAR
2.5kg £

90
38p per kg

Perfectly Imperfect
'Pearfect' to the core
Forecasting, Ordering & Bumper Crops
<table>
<thead>
<tr>
<th>Produce Type</th>
<th>Field Losses</th>
<th>Processing Losses</th>
<th>Retail Waste</th>
<th>Consumer Waste</th>
<th>Total Production Wasted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apples</td>
<td>11%</td>
<td>2%</td>
<td>&lt;1%</td>
<td>14%</td>
<td>27%</td>
</tr>
<tr>
<td>Bagged Salad</td>
<td>17%</td>
<td>15%</td>
<td>1%</td>
<td>27%</td>
<td>60%</td>
</tr>
<tr>
<td>Bananas</td>
<td>2%</td>
<td>7%</td>
<td>1%</td>
<td>8%</td>
<td>19%</td>
</tr>
<tr>
<td>Berries</td>
<td>15%</td>
<td>7%</td>
<td>1%</td>
<td>11%</td>
<td>33%</td>
</tr>
<tr>
<td>Cucumbers</td>
<td>1%</td>
<td>5%</td>
<td>&lt;1%</td>
<td>24%</td>
<td>31%</td>
</tr>
<tr>
<td>Grapes</td>
<td>6%</td>
<td>1%</td>
<td>1%</td>
<td>13%</td>
<td>20%</td>
</tr>
<tr>
<td>Mushrooms</td>
<td>4%</td>
<td>1%</td>
<td>4%</td>
<td>18%</td>
<td>27%</td>
</tr>
<tr>
<td>Onions</td>
<td>8%</td>
<td>7%</td>
<td>&lt;1%</td>
<td>15%</td>
<td>31%</td>
</tr>
<tr>
<td>Citrus Fruits</td>
<td>&lt;1%</td>
<td>3%</td>
<td>1%</td>
<td>17%</td>
<td>22%</td>
</tr>
</tbody>
</table>
Tesco changes rules on Kenya green beans to cut food waste

Relaxing of specifications on fine green beans is expected to save more than 135 tonnes of edible crops being wasted each year, supermarket says.
Direct Deliveries: Faster Fresher Produce

Many suppliers manage stock

Grower/pack house

Transport from source

UK pack house

Fresh consolidation

Tesco depot

Tesco manages stock

Tesco store
Direct Deliveries: Faster Fresher Produce

Tesco and supplier manage stock from growing regions together

Grower/pack house → Transport from source → Fresh consolidation → Tesco depot

Tesco store

up to 2
Days Extra Freshness
European Products
Launch of Tesco's frozen avocados could help reduce Britain's food waste

Tesco's 'fast-frozen' de-stoned and peeled avocado packs could help to cut down on the 54,000 tonnes of stone fruit wasted in Britain each year, say experts.
Tackling Food Waste Farm to Fork

Upstream
- Insight
- Specifications
- Processing
- Forecasting and ordering
- Crop flushes
- Surplus

Midstream
- Own operations
- Redistribution
- Hot spots

Downstream
- Date coding
- Shelf life
- Promotions
- Packaging
- Marketing
- Education
Crop Utilisation

Volume

Size (mm)

45

65

85

Too Small

Whites

Bakers

Too Big

Stockfeed/AD Plant

Quality
Before

AD and Stock Feed

Sold/Stock Feed

Sold

Too Small
Whites
Bakers
Too Big

Size (mm)
45
65
85