ForMat - Measuring Food Waste at National Level in Norway 2009-2015

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About the ForMat-project

- Established in 2010 as a collaboration between producers, retailers and research institutions, and supported by the government.

- ForMat develops annual statistics of food waste from the producers, wholesalers, retailers and consumers in Norway for the main groups of products between 2009-2015.

- Matvett will continue this work on a long term basis also after the end of the ForMat-project next year.
Food waste in the value chain 2009-2013

- Total volume food waste 361 000 tonnes
- Total value ca 2 billion EURO
- Consumer ca 64 %, retail 18%, producers 16%
- Decrease in producer and wholesale from 2009
Producers

Food wastage in percent of production

- 2009
- 2010
- 2011
- 2012

1. Frozen ready-made food
2. Fruits and vegetables
3. Fresh bakery products
4. Fresh fish and shellfish
5. Fresh meat
6. Egg
7. Dairy products
8. Dry food products
9. Total

Food wastage in percent of production:

- 2009: 0%
- 2010: 2%
- 2011: 4%
- 2012: 6%

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12%
Retailers

![Bar chart showing tons per food type for each category from 2009 to 2012. Categories include 1.1 Frozen ready-made food, 2.1 Fresh fruits, 2.2 Fresh vegetables, 3.1 Fresh bakery products, 4.1 Fresh ready-made foods, 4.2 Fresh sliced meat and pâtés, 4.3 Fresh fish and shellfish, 5.1 Fresh meat, 5.2 Fresh minced meat, 6.2 Fresh milk products, 8.1 Fresh cheese, 8.2 Dry food products.]

- **2009**
- **2010**
- **2011**
- **2012**
Consumers – changes from 2010 to 2013

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Consumers’ Reasons for Discarding Food

- Too bad quality - tasted or smelled bad
- Damage to part of product or of bad quality
- Too much of the product in the packaging
- Unusable due to faulty packaging
- Poor storage in the home or during transport home
- Passed expiry date of product

Percentage of respondents of all four years

Fresh fruits and vegetables
Fresh bakery products
Fresh sliced meat
Fresh fish products
Yoghurt and sour cream
Further steps: a broader commitment

• The government has recently also initiated a broader commitment on measuring and reducing food losses and waste through the entire value chain from primary production to consumer.

• The Government and the industry are currently discussing a proposal for an agreement on such a commitment.