

# The Norwegian model to food waste prevention

- Experiences and results from the ForMat project.

The Nordic Food Waste Conference 27/04-17  
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- **ForMat final report**

Compilation of edible food waste-data from 2010 – 2015 at product level, for four steps in the food value chain (industry, wholesale, retail and household).

Waste composition analysis of household waste

National key-figures for edible food waste

- Amount of edible food waste (Tons edible food waste/year, Kg edible food waste/capita and year)
- Emissions (Tons CO<sub>2</sub>-eq./year)
- Economic loss (Billion NOK/year)

- The process has been educational

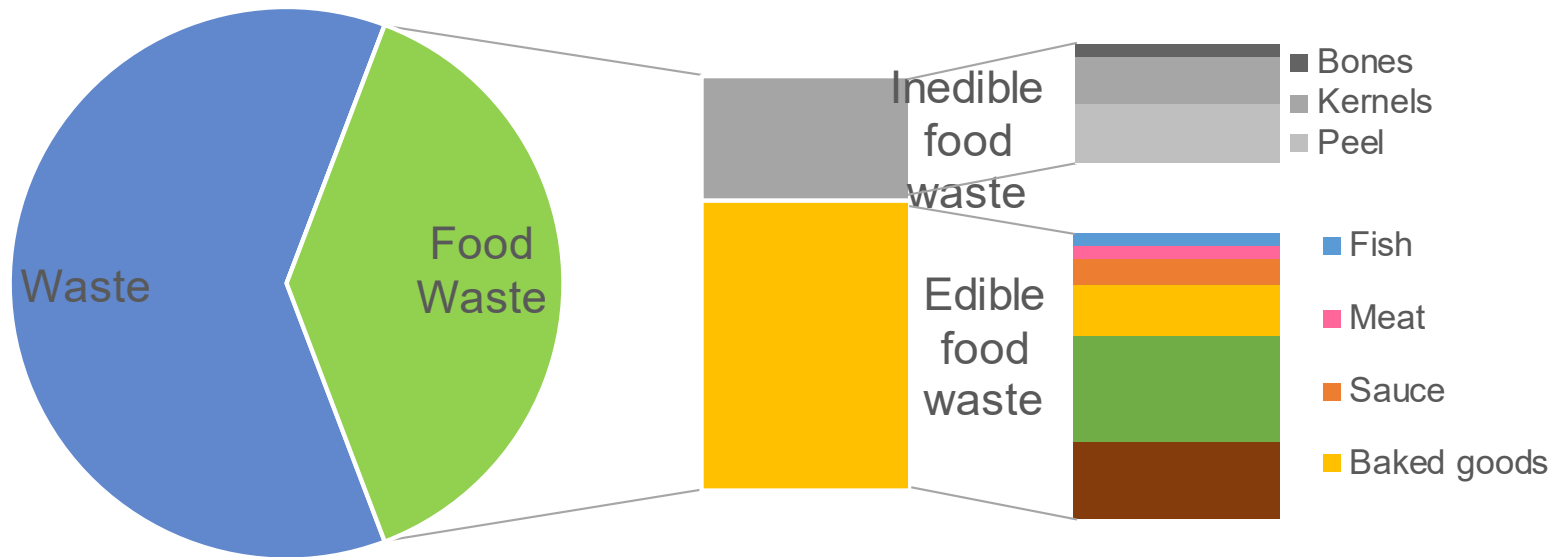
### Improved data

- Increased sample (number of retailers, wholesalers and producers).
- Increased quality.

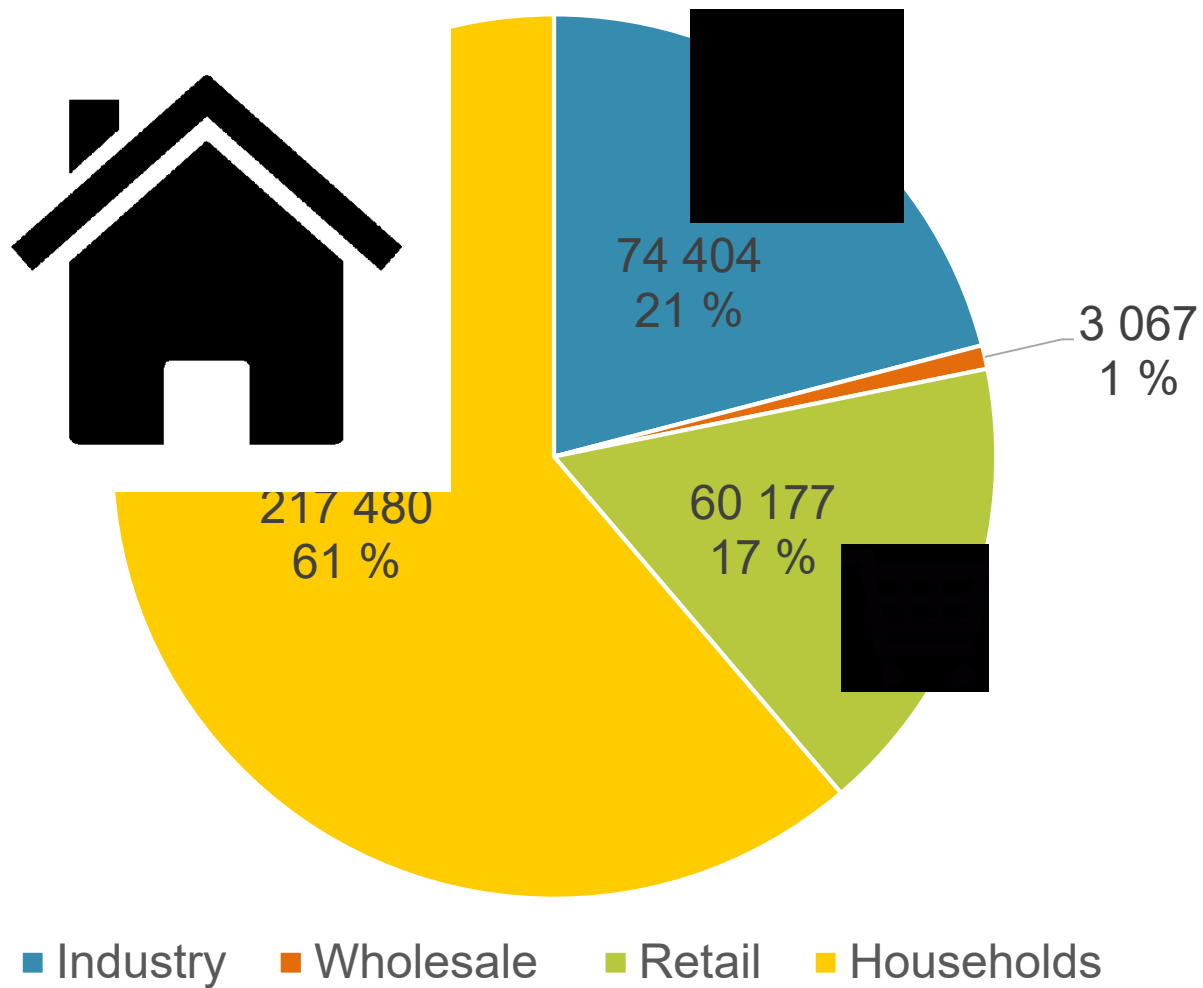
### Improved methodology

- Better understanding/harmonization of the term “edible food waste”.
- More correct methods.

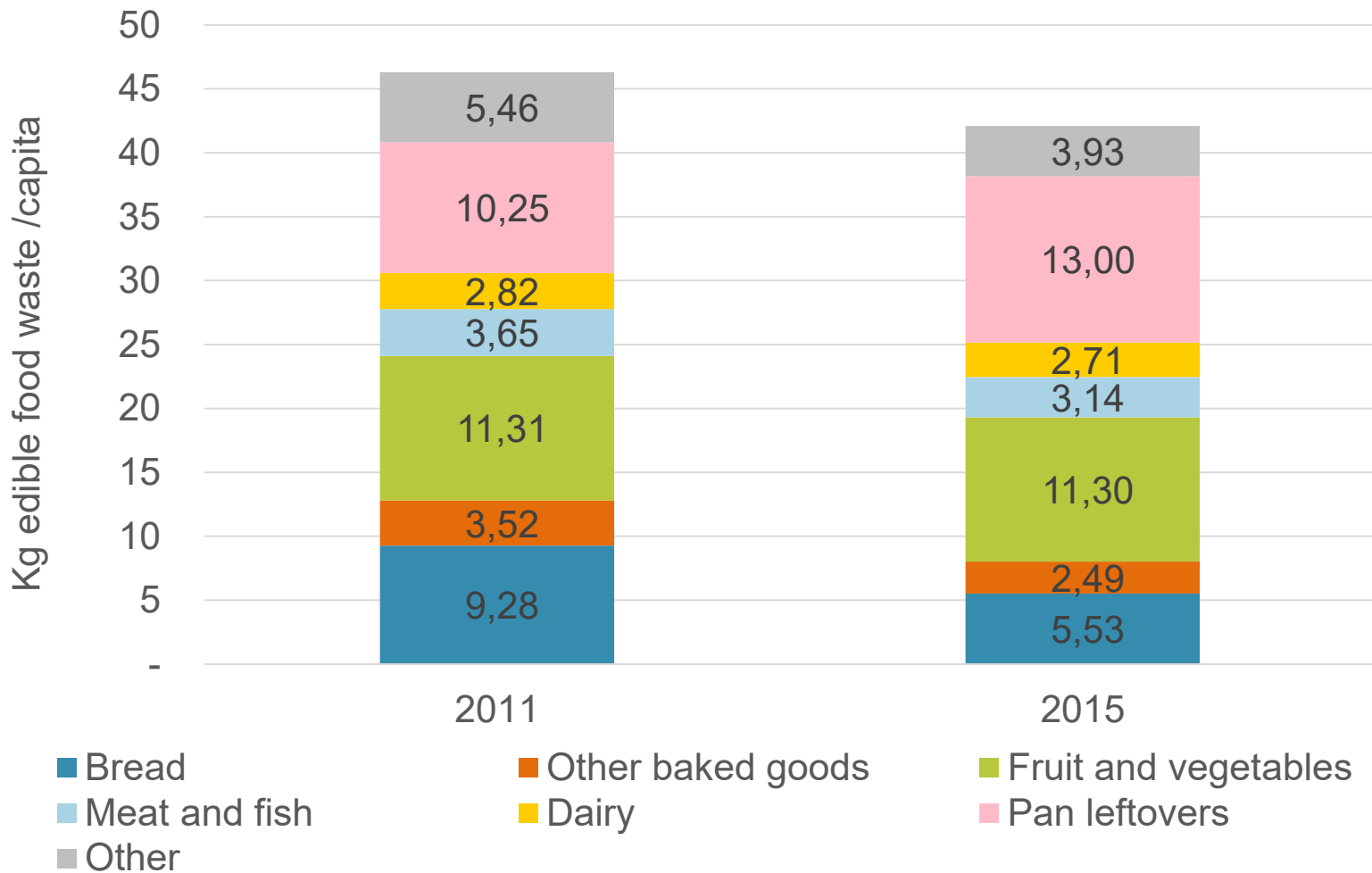
“Food waste includes all edible parts of food, not consumed by humans” .



# 355 000 tons food was wasted in 2015



# Food waste from households



- **Development of edible food waste from 2010 to 2015**

In total, edible food waste has been reduced by 25 500 tons  
This represents a reduction of 7 %.

Measured in kg/capita, edible food waste is reduced  
from 78,3 to 68,7 kg/capita  
This represents a reduction of 10 kg/capita, or 12 %.

- **Development of GHG-emissions and economic loss related to edible food waste**

Emissions and economic loss has not decreased as much as amount of edible food waste.

- Economic loss has increased by 1,5 % (0,3 Billion NOK).
- GHG-emissions is reduced by 3 % (25 000 ton CO<sub>2</sub>-eq.).

Edible food waste has been reduced most for relatively inexpensive and less climate intensive products and increased for relatively expensive and more climate intensive products.



- **Other results**

A common methodology, definition and framework across the value chain for measuring/quantifying edible food waste.

Collaborative networks between actors in the value chain.

Numerous measures to prevent or reduce edible food waste which have proven effective.

Increased awareness.