



**Ministry of Environment
of Denmark**

Environmental
Protection Agency

Mapping of food waste in Denmark

[Mapping of food
waste in Denmark

Casper Mayland
Circular Economy and Waste,
DEPA

National mapping of food waste in Denmark

History of mapping specific sectors (households, service sector and retail sector)

Waste Framework Directive article 9 (5)

Member States shall monitor and assess the implementation of their food waste prevention measures by measuring the levels of food waste on the basis of the methodology established by the delegated act...

Common methodology for measuring food waste across EU



Mapping of food waste in five different sectors

Primary production

Processing and manufacturing

Retail and other distribution of food

Restaurants and food service

Households

Difference in avoidable
and unavoidable food waste



Primary production

Food waste in total **59.000 tonnes**

Unavoidable food waste **44.000 tonnes**

Based on production statistics and interviews with the industry

Some of the discarded waste in this sector is not classified as food according to regulation (EC) No 178/2002



Processing and manufacturing

Food waste in total **529.000 tonnes**

Unavoidable food waste **385.000 tonnes**

Based on production statistics and interviews + data from the industry



Retail and other distribution of food

Food waste in total **99.000 tonnes**

Unavoidable food waste **96.000 tonnes**

Based on numbers from the industry



Restaurants and food service

Food waste in total **71.000 tonnes**

Unavoidable food waste **42.000 tonnes**

Based on waste analysis + waste data



Households

Food waste in total **456.000 tonnes**

Unavoidable food waste **247.000 tonnes**

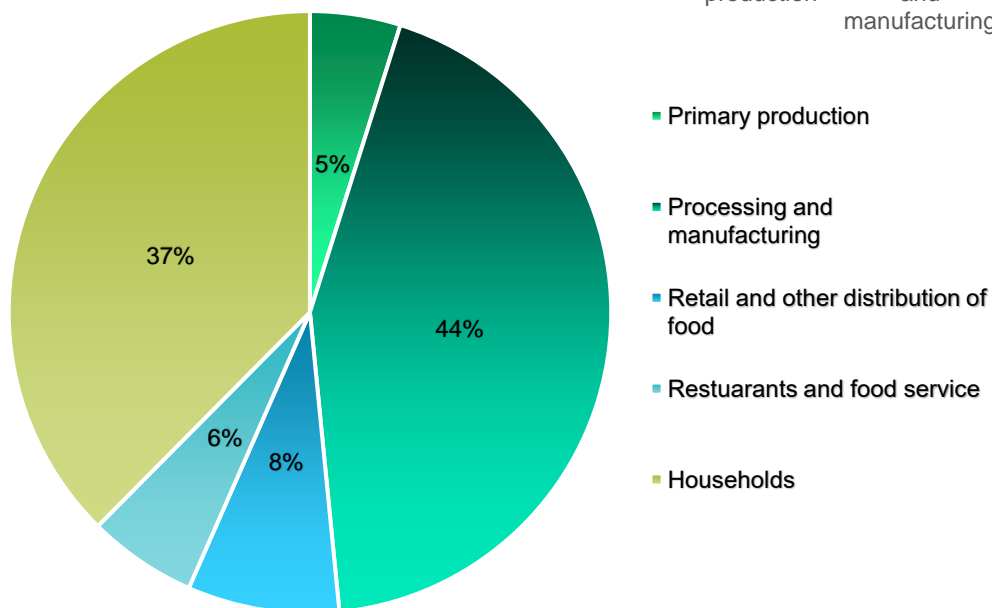
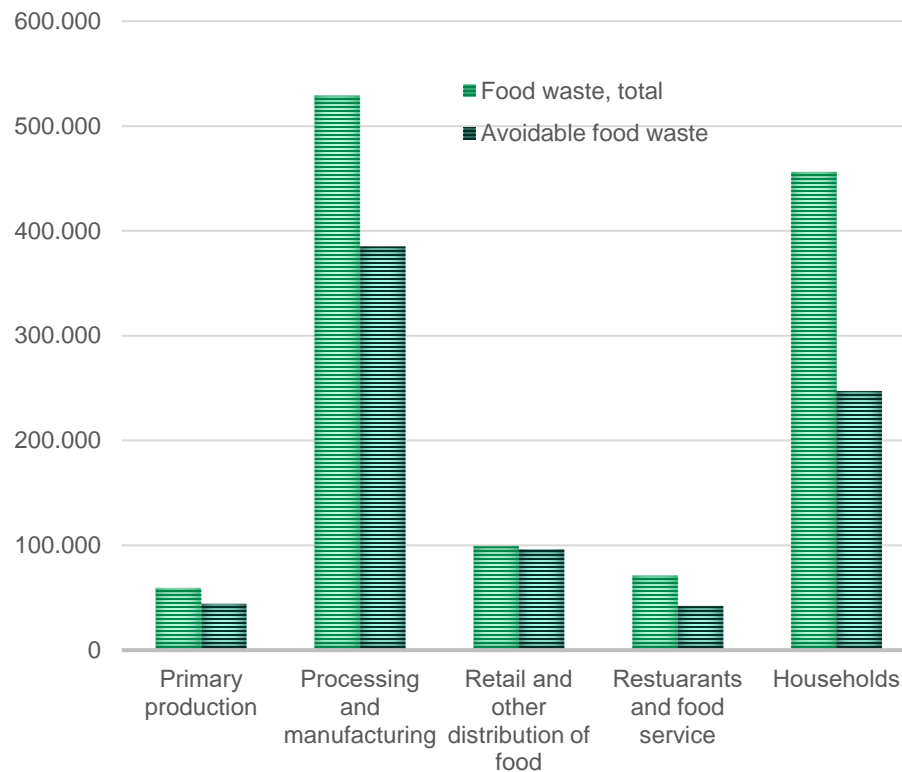
Based on waste analysis

New study is under way (using waste data)



Conclusion

- A total of 1,2 million tonnes of food waste in Denmark - 2/3 of this is avoidable
- Roughly 350.000 tonnes are collected as food waste
- Increased focus on reduction of food waste (CO₂, \$, WFD-targets)



Thank you for your attention!

Casper Mayland

Environmental Protection Agency

Circular Economy and Waste

Mail:camay@mst.dk

All photos:

<https://www.colourbox.dk/>

