



DG SANTE Webinar on Food Waste Measurement

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**Food waste generation in Germany in 2015 and
further procedure to meet the EU legal requirements for
monitoring and reporting
Part II: Further procedure**



Legislation

UN

SDG Target 12.3: by 2030 reduce global FLW, reduce Food Waste to 50 % at the retail and consumer level

EU

Waste Framework Directive (EU) 2008/98/EG (2018/851/EU)

Commission Delegated Decision (EU) 2019/1597 on Measuring

Commission Implementing Decision (EU) 2019/2000 on Reporting

Germany

German Circular Economy Act



Monitoring

Measure

Five sectors:

Primary Production

Processing and manufacturing

Retail and other distribution

Restaurants and food services

Households

Every year

At least once every four years according to EU methodology

Report

To (UN and) EU

Improve

Quality of Measuring and Reporting

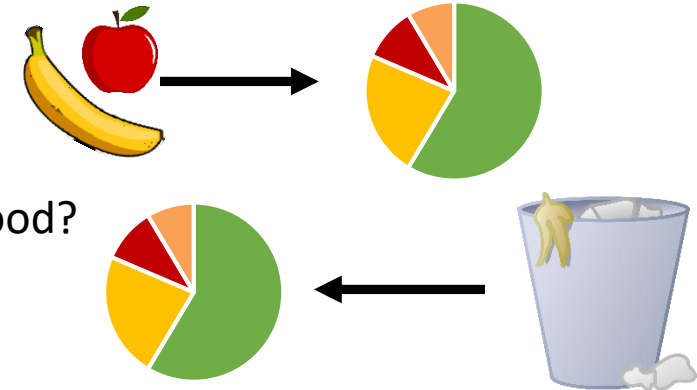
Quantity of FLW



Measuring Approaches and Challenge

Front-end approach

Question: How much food gets wasted?
Base data source: Production data



Back-end approach

Question: How much waste derives from food?
Base data source: Waste statistics

Challenge

Determine the food waste share of

- ▶ all food produced (front end)
- ▶ all waste that might contain food waste (back end)

by market data, academic surveys and waste composition analysis



In Depth Measuring

2015 Baseline

Data from surveys and waste composition analysis etc.

2020 Back-end light

Food waste coefficients determination based on data of 2017 or later (per waste code)

Waste amount data of 2020 (per waste code)

Food waste coefficients x waste amount = food waste (per waste code)

\sum food waste in all relevant waste codes = total food waste

2024 Back-end in-depth

Waste composition analysis (all relevant waste codes), complementary surveys

To be repeated probably 2027 and 2030



Measuring – Work Packages

I First Reporting

on the year 2020

to be handed to EU Commission by 30 June 2022

to be mandated: Federal Office of Statistics, assisted by experts

II Subsequent Reporting

to be based on refreshed waste coefficients and waste data per waste code

to be mandated: Federal Office of Statistics



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