

COLLECTION OF FOOD WASTE IN SWEDEN

Jonas Hed, 190703
Sweco Environment AB









Legal Responsibilities



Municipalities

Collection and Treatment of Household waste. Information. Waste Prevention



Producers

Collection and Treatment of waste under Producers Responsibility



Companies

Handling of own Generated Waste

Collection systems in Sweden

- At house or kerb-side
 - residual waste and biowaste
 - municipal responsibility
- Recycling stations (one per 1500 inhabitants)
 - packaging waste and paper
 - producers responsibility
- Recycling centres (one per 10,000 – 20,000 inhabitants)
 - bulky waste, garden waste, WEEE, hazardous waste
 - municipal responsibility



SWEDISH WASTE MANAGEMENT IN FIGURES

4.8

million tonnes
of waste

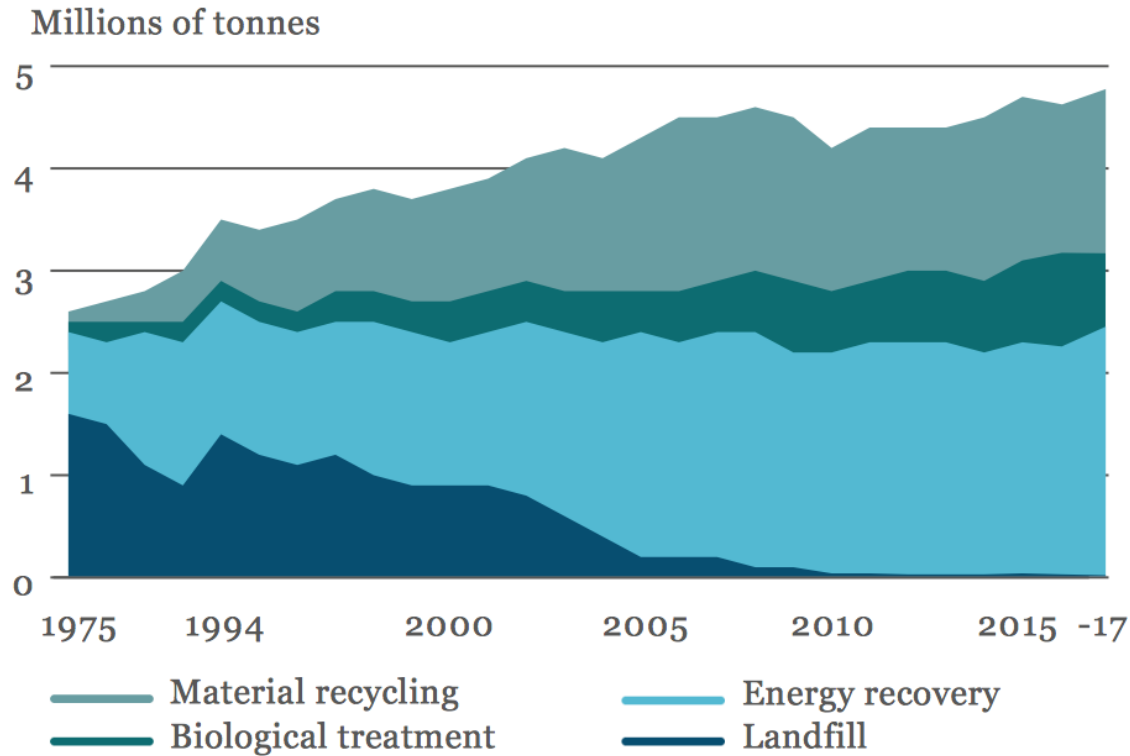
473

kg/person

< 1 %

to landfill

Overview 1975-2017



Waste as a resource

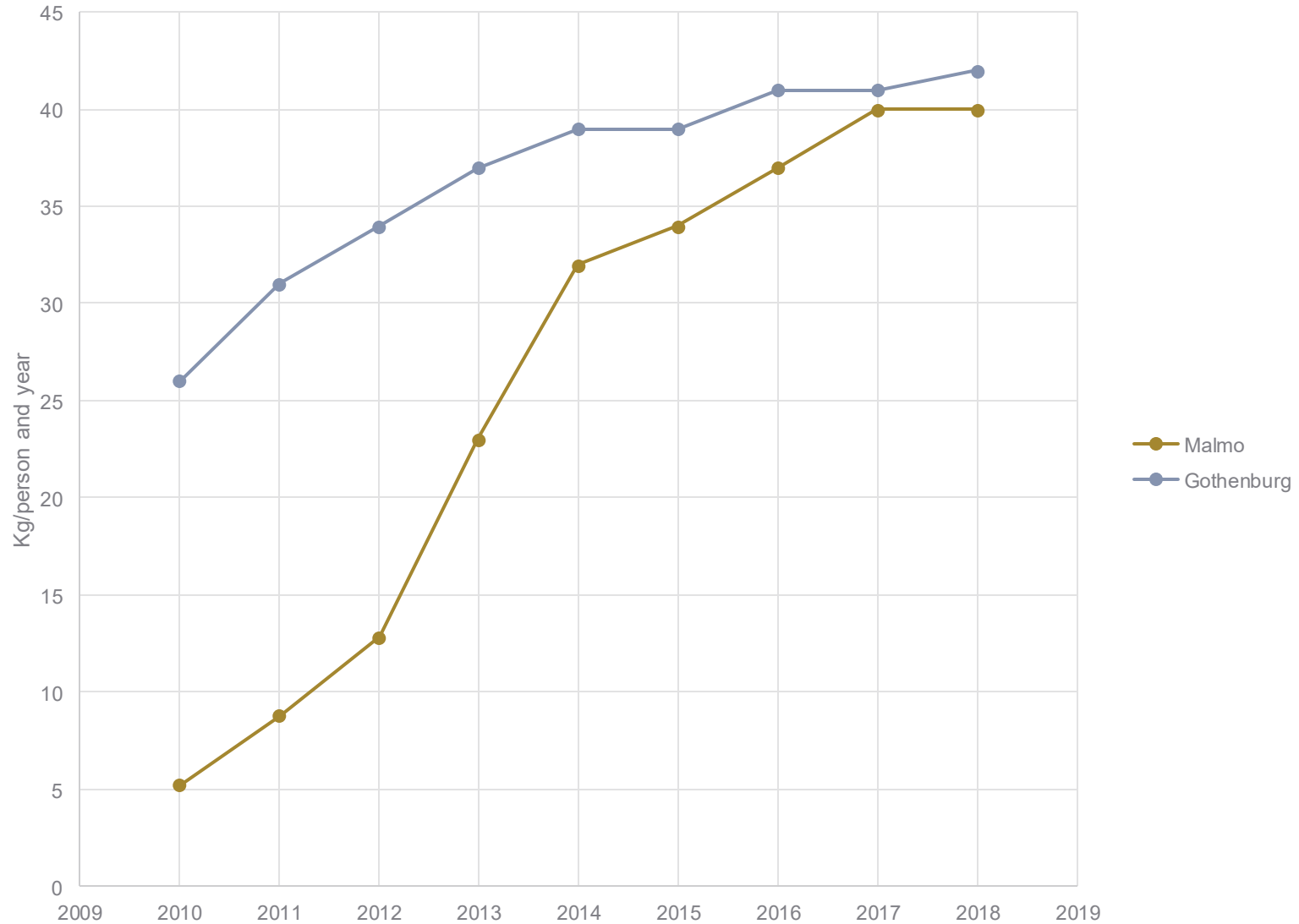
- 1.6 million tonnes of waste to material recycling
- Biogas from food waste corresponds to 67 million litres of petrol
- Bio-fertilizer from all food waste can replace 7 % of imported phosphorus
- 2.3 million tonnes of waste for energy recovery provides district heating to 1 100 000 households



Should food waste collection be an option or is mandatory best?



Collection of food waste in Gothenburg and Malmo



Systems for collecting the food waste









Thank you for your attention!

Jonas.hed@sweco.se

SWECO

