

Separation, collection and cooperation

Entsorgung kommunal

Umweltbetrieb Bremen, City of Bremen

local government



ENTSORGUNG
KOMMUNAL

Speaker:

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Large city - large amount of waste



Bremen

City in the North of Germany

550.000 inhabitants

307.500 residences



a large amount of waste

total collection:

247.203 Mg per year

divided into various types of waste

high costs

high costs of collection and recycling:

54,22 mio. Euro per year

every owner of a house or a apartment has to pay taxes to the local government

Various types of waste to separate



**residual
waste**
90.000 Mg/year



bulky waste
21.000 Mg/year



metal
1.300 Mg/year



paper
37.000 Mg/year



**sales
packaging**
20.000 Mg/year



**harmful
waste**
103 Mg/year



**garden
waste**
30.000 Mg/year



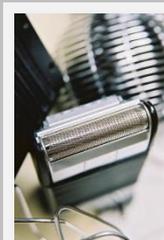
**clothes +
shoes**
2.500 Mg/year



**building
waste**
11.000 Mg/year



**food
waste**
23.000 Mg/year



**electronic
waste**
2.300 Mg/year



glass
9.000 Mg/year

3 ways of waste collection

collection from houses

collection: residual waste, kitchen waste, paper waste
192.000 waste bins
97.000 organic bins
82.000 paper bins
(30.000 yellow bins)



local collection points

collection: glass (1000), clothes + shoes (264), electronic waste (83), 380 container areas
costs: 0,5 Mio. €



recycling stations

collection: all kinds of waste
15 recycling stations in city
costs: 5,59 Mio €



Communication: How to separate

schedule disposal vehicle

Once a year every unit gets an information with individualized schedule for the disposal vehicle.



leaflet how to separate

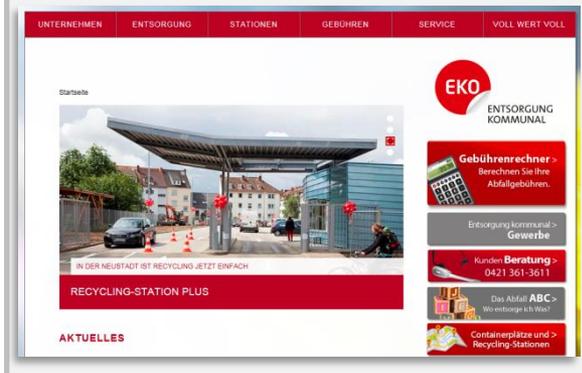
On top, every unit gets a leaflet with detailed informations about correct separation of waste.



website

the internet website gives a lot of information about

- type of waste
- correct separation
- costs
- schedule for the disposal vehicle



Costs and cooperation

Costs for every residence

The owner of a residence has to pay a fixed tax of **43,26 Euro/year**.

In addition the owner pays for the number of people living in the residence:

1 pers.	69,16 €
2 pers.	106,40 €
3 pers.	147,40 €
4 pers.	182,20 €
5 pers.	251,36 €

General costs

(collection, separation, recycling, disposal)

residual w.: 20,6 Mio €

food w.: 6,71 Mio €

paper: 2,72 Mio €

bulky w.: 7,04 Mio €

garden w.: 1,43 Mio €

harmful w.: 0,48 Mio €

building w.: 0,38 Mio €

management,

consultation, billing,

information: 4,95 Mio €

Other costs: 3,82 Mio €

Cooperation

The government hires various companies for different jobs:

- to collect waste by managing disposal vehicle
- to operate places with containers and recycling-places
- to separate, recycle or dispose waste