



Gemeente
Amsterdam

Circular textile in Amsterdam

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Coalition agreement local government Amsterdam 2014-2018

‘We are going to use our waste not as we usually did, but we will use it as a material so that we can make new products of it.

We will give waste a second or third life....’



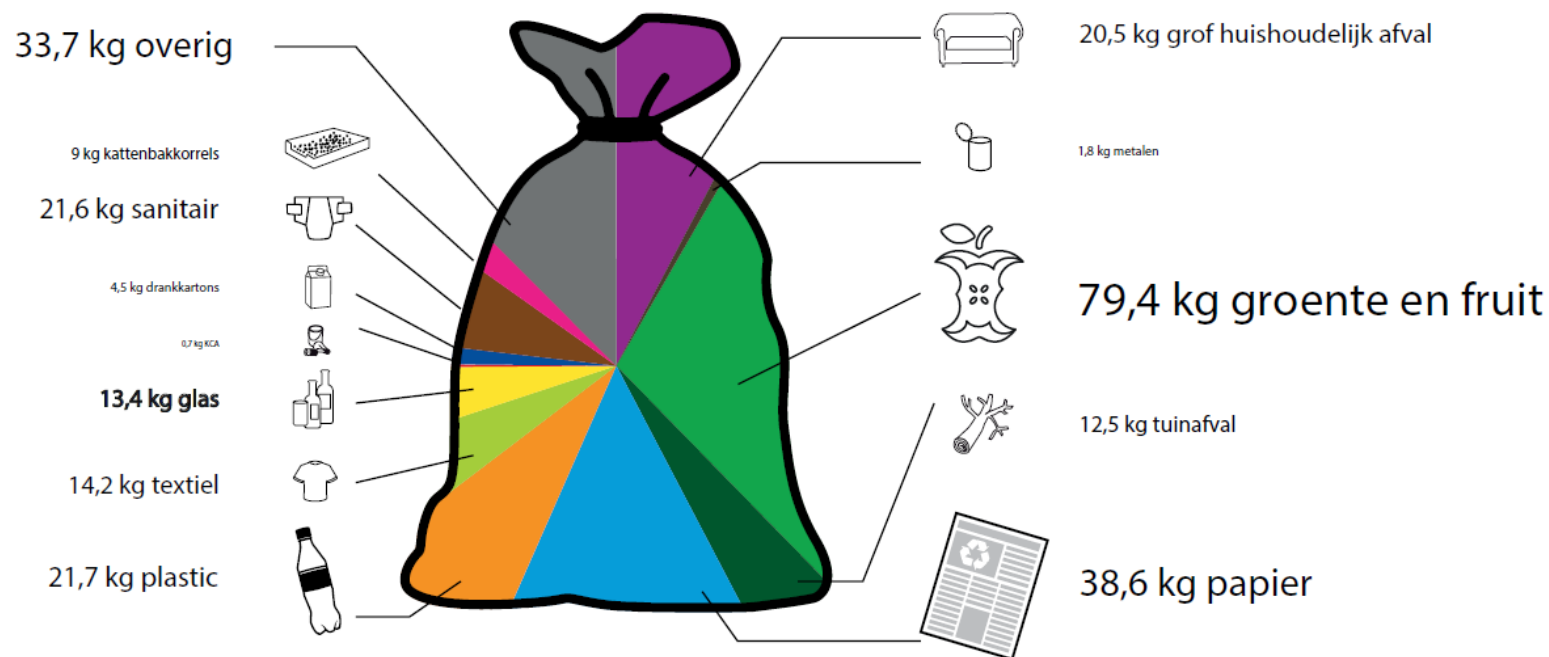
verschillende types: voor zakken, achterladers (minicontainers), ondergrondse containers, grofvuil ophaal, percontainers, bovengrondse containers





370 kg waste per citizen per year

Residual waste



Separated waste



bron: Sorteeranalyse CREM 2015 (peiljaar 2014-2015)



Goals for 2020

- **Sustainability:** We have to recycle 65% of our waste.
- **Service :** We offer the Amsterdammer the possibility to dispose of their separate waste as easy as possible.
- **Cost efficient:** we have to do this very efficiently



MAKECHOICES

Source Separation

Priority for recyclables
glass, textile, plastics, paper

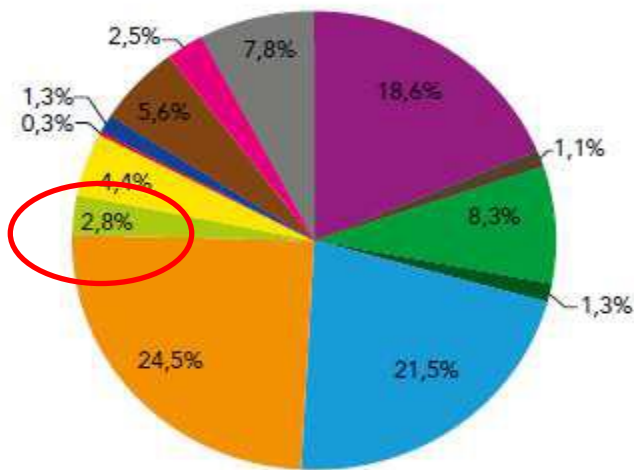
Post Separation

Plastic, paper, metal, glass
Fermentation biodegradable waste

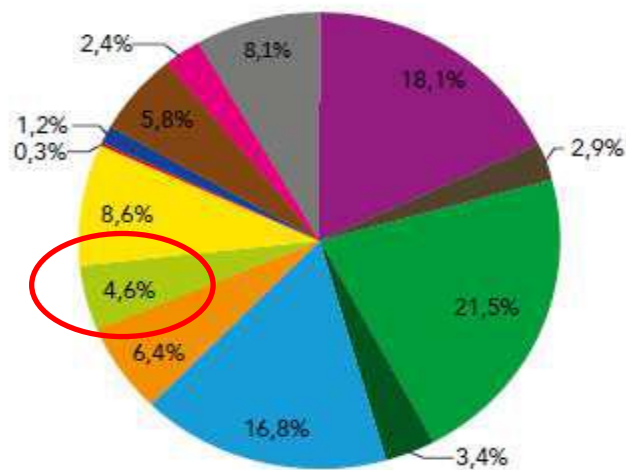


ACTUAL SITUATION TEXTILE

Samenstelling totaal afval Amsterdam (in volume- en gewichtsprocenten)



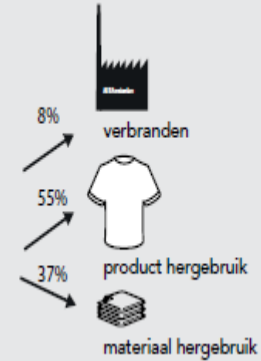
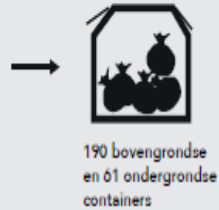
Samenstelling Afval Amsterdam
in volumepercenten
Totaal: 2 m³/inw/jr



Samenstelling Afval Amsterdam
in gewichtsprocenten
Totaal: 370 kg/inw/jr

- Grofvuil
- Metalen
- Groente en fruitafval
- Tuinafval
- Herbruikbaar Papier en Karton
- Herbruikbaar kunststof verpakking
- Textiel
- Verpakkingsglas
- Klein Chemisch Afval
- Drankverpakkingen
- Sanitair (luiers, e.d.)
- Kattenbakkorrels
- Overig

Textiel



78% goes straight to the residual waste and to the incinerator

- Potential per Amsterdammer: 13,3 kg per year = 11,0 mln kg per year
- Actual source separation: 2,4 mln kg per year
- Incineration: 8,6 mln kg per jaar (78%)
- Seratation percentage: 22%



GOALS FOR **TEXTILE**

2019-2023

- Source collection from 22% to 80% in 5 years
- Social return on investment (collection/sorting)
- Promote (start up) initiatives (repair, recycling etc)
- Develop a circular business model



MEASURES

Prevention

Repair en reuse

Use in stead of ownership

Less spilling

Responsibility producers: design

OPTIMIZE / BROADEN COLLECTION : PILOTS

- Door to door: continuous proces
- At schools: 1-4/year
- Manually
- Collection through partners: retailers





IMPROVE **SORTING**

Textile is roughly sorted in 9 streams, especially the rewearable textiles.
The textile chain is not transparent, textiles go abroad.

GOALS

- Per stream: high quality processing (r -ladder: repair, refurbish, remanufacture)
- More control
- Stimulate new technologies
- More cooperation (regional)



EXAMPLE SORTING

Fine grained sorting with social return:

Sorting in 200-300 streams
depending on the market demand:

13 % charity shops

42% abroad

15% raw materials

15% cleaning rags

15% incineration



FIBERSORT: Wieland

Steering market demand