



Circular Amsterdam - An Overview

Dr. Mendel Giezen, 26-04-2021

Circularity in Amsterdam

- Crisis leads to new experiments with circularity
- 2012: Towards the Amsterdam Circular Economy
 - Food, phosphate, waste, water, electricity and heat
 - Ex. Buiksloterham (2015- Manifest Circulair Buiksloterham)
 - Ex. De Ceuvel
 - Ex. Fosvaatje
 - Ex. Wasted
 - Ex Schoonschip

CITY CENTRE

EYE FILM MUSEUM

THE IJ

BUIKSLOTERHAM

DE CEUVEL

 REPUBLICA

VOLEWIJCK

Max 8575 woningen



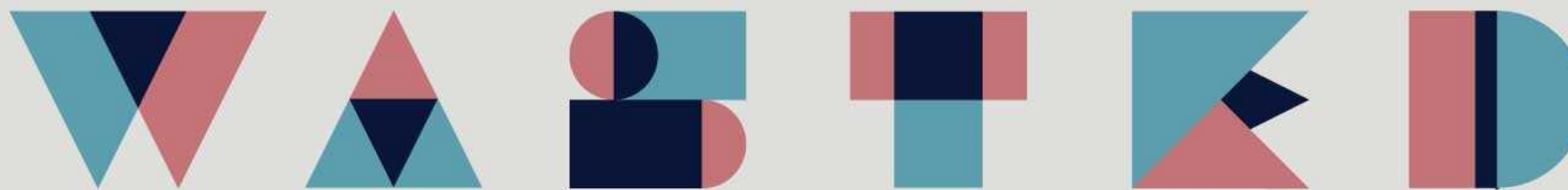


JOULIETTE

AT DE CEUVEL







The WASTED City Approaches to Circular City Making





Circularity in Amsterdam

- 2017 - Circulair Innovatieprogramma: Leren om te doen (Learning to do)
 - *Mainly aimed at experimentation (73 projects) - Valuechains
 - *Build environment: Circular land tenders (circulaire gronduitgifte)
 - *Procurement
 - *Biomass (sugar/phosphate) / Burning for heat (low value)



aeb
afvalbeheer

Afval

Duurzame
bron van
warmte

stelding





Circularity in Amsterdam

- 2020:Amsterdam Circular 2020-2025

An aerial photograph of the Amsterdam harbor, showing the city skyline in the background, several boats in the water, and a large blue barge in the foreground. A large red rectangular box is overlaid on the right side of the image, containing the title text.

**Amsterdam
Circular
2020-2025
Strategy**

Circularity in Amsterdam

- 2020:Amsterdam Circular 2020-2025
 - *100% circular in 2050
 - *Embedded in the doughnut
 - *Food and Waste Streams
 - *Consumer Goods
 - *Built Environment
 - *Monitor





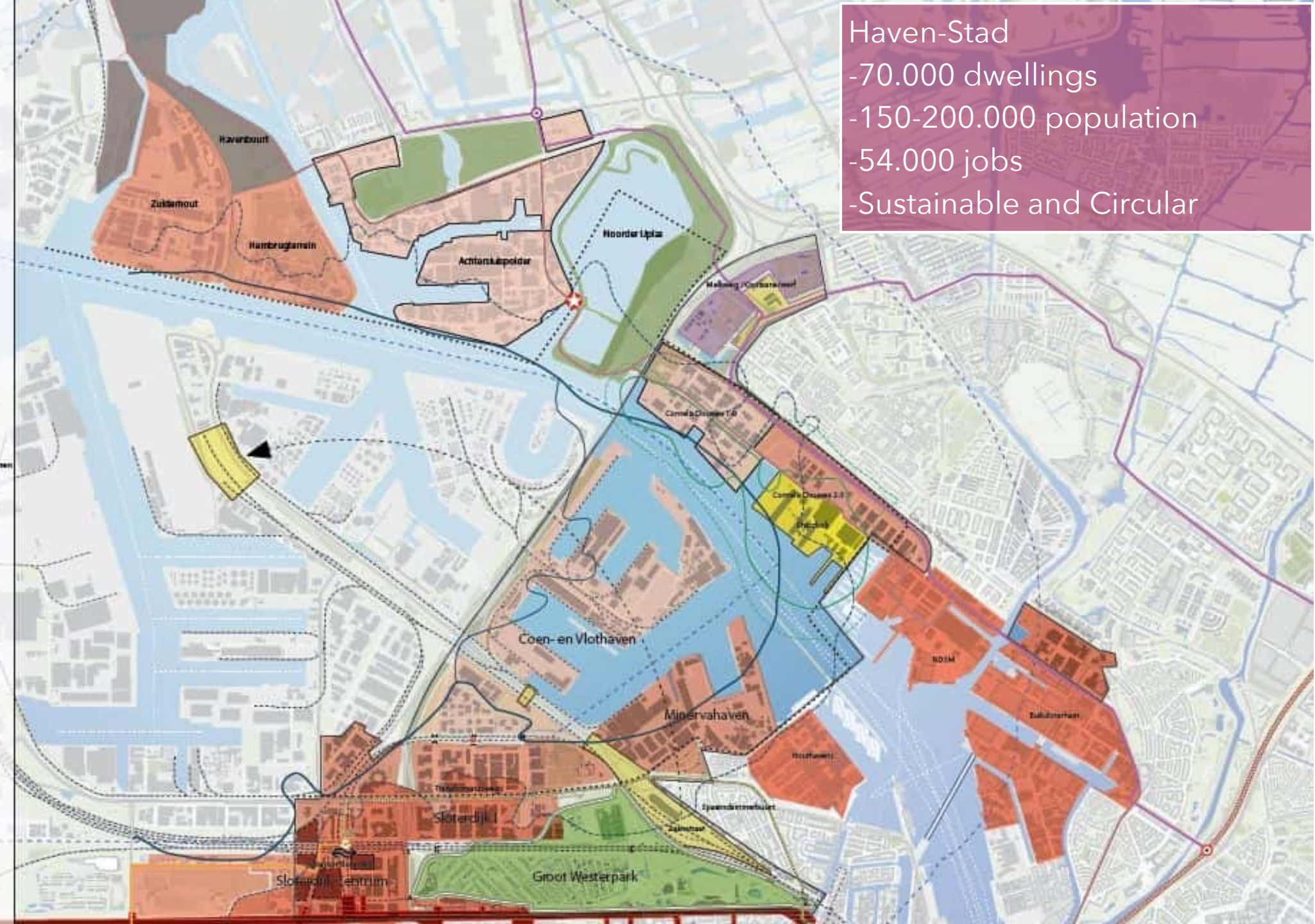
Dutch Circular Textile Valley



Patch 22



Bajeskwartier



Haven-Stad
 -70.000 dwellings
 -150-200.000 population
 -54.000 jobs
 -Sustainable and Circular

Reflections

- What does it mean 100% circular?
- At what scale?
- Ambitions seem to be far away from reality (limited reflection)
- Do planetary boundaries also mean local boundaries? (e.g. Energy/ wood/ etc)
- What to do with the logistics sector? (e.g. Harbor)
- Most policies depend on voluntary cooperation
- Most Institutional Interventions need to be done at a different scale
- How to deal with buffering capacities
- How to deal with inequalities within the population (multi-layered marginalization)

