

An aerial photograph of a city street in Haderslev, Denmark. The street is wide and paved, with several cars parked along the sides. On the left, there are residential buildings with red-tiled roofs and a large commercial building with a flat roof. On the right, there are more residential buildings, some with red-tiled roofs and others with grey roofs. In the background, a river flows through the city, and there are more buildings and greenery. The sky is overcast.

IMPROVE LIVABILITY THROUGH CLIMATE ADAPTATION

JOMFRUSTIEN | HADERSLEV

URBAN POWER



A satellite-style map of the Baltic Sea region, showing the coastlines of Denmark, Sweden, and Poland. Two callout boxes are overlaid on the map. The first callout box, on the left, points to the island of Haderslev and contains the text 'HADERSLEV', 'City 22.000 inhabitants', and 'Municipality 55.000 inhabitants'. The second callout box, on the right, points to the island of Ängelholm and contains the text 'ÄNGELHOLM', 'City 24.000 inhabitants', and 'Municipality 43.000 inhabitants'. The map shows a mix of green land and blue water, with white lines indicating administrative boundaries.

ÄNGELHOLM

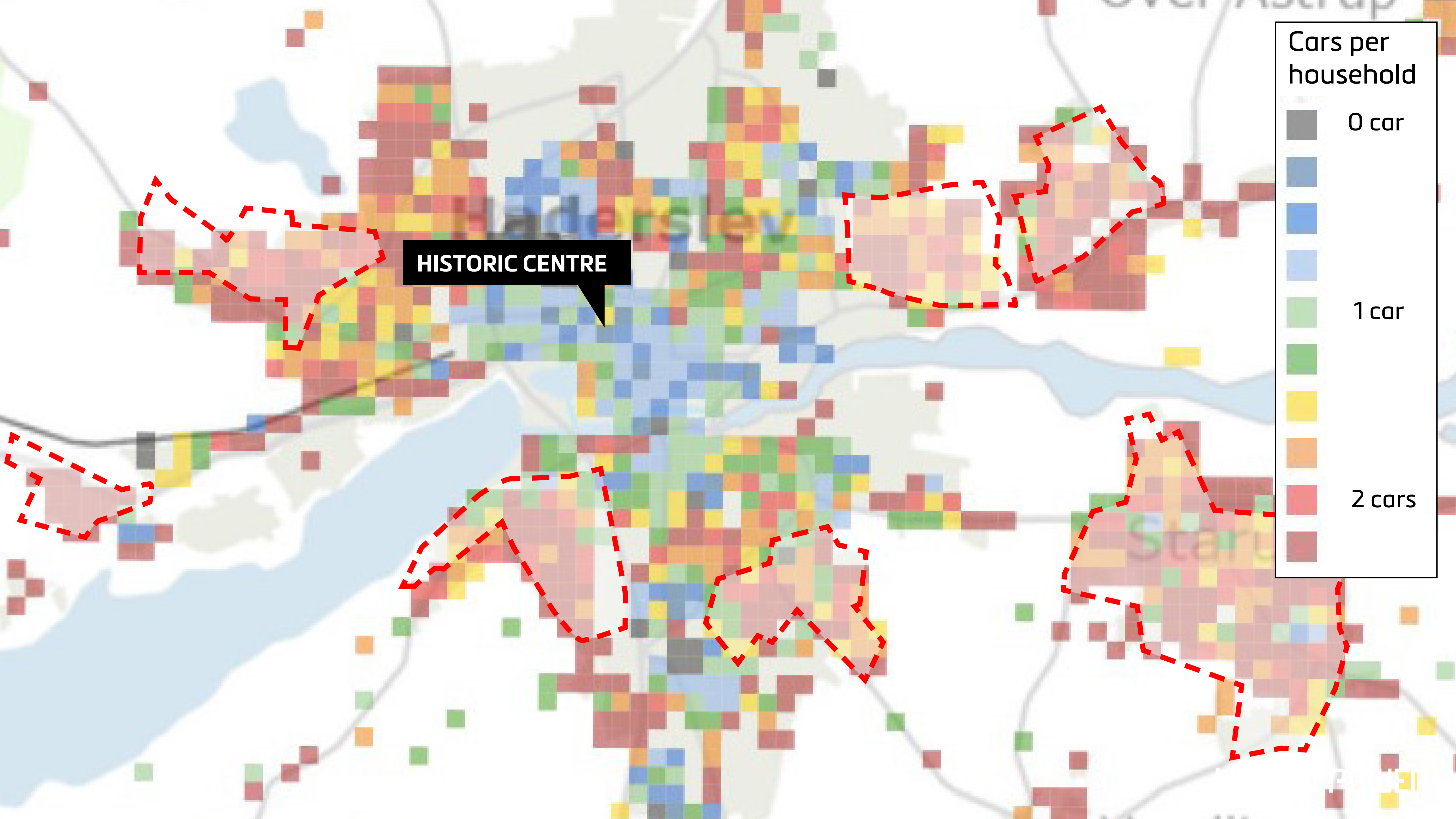
City 24.000 inhabitants
Municipality 43.000 inhabitants

HADERSLEV

City 22.000 inhabitants
Municipality 55.000 inhabitants



HISTORIC CENTRE

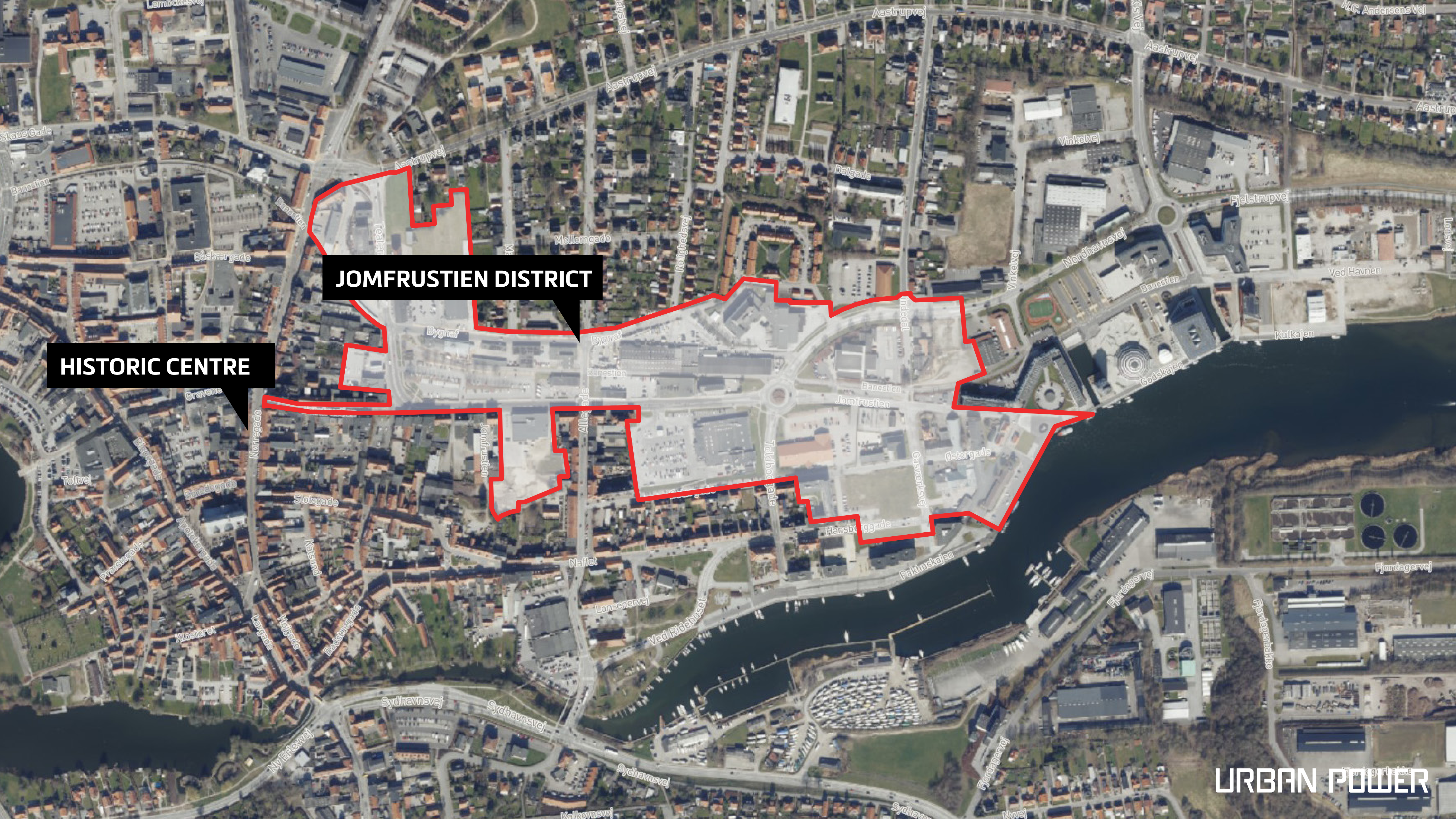


HISTORIC CENTRE

An aerial photograph of a town, likely Jomfrustien, showing a river winding through the center. A red outline highlights a specific area in the middle of the town. Two callout boxes with white text on black backgrounds point to the 'HISTORIC CENTRE' and 'JOMFRUSTIEN DISTRICT'. The surrounding area is a mix of green fields and urban development.

HISTORIC CENTRE

JOMFRUSTIEN DISTRICT



JOMFRUSTIEN DISTRICT

HISTORIC CENTRE

NEW HARBOUR DISTRICT

JOMFRUSTIEN DISTRICT

HISTORIC CENTRE

URBAN POWER



ASPHALT AND OTHER IMPERMABLE SURFACES

NOT PEDESTRIAN FRIENDLY

NO BIKELANES



URBAN POWER



CLOUDBURST 1962

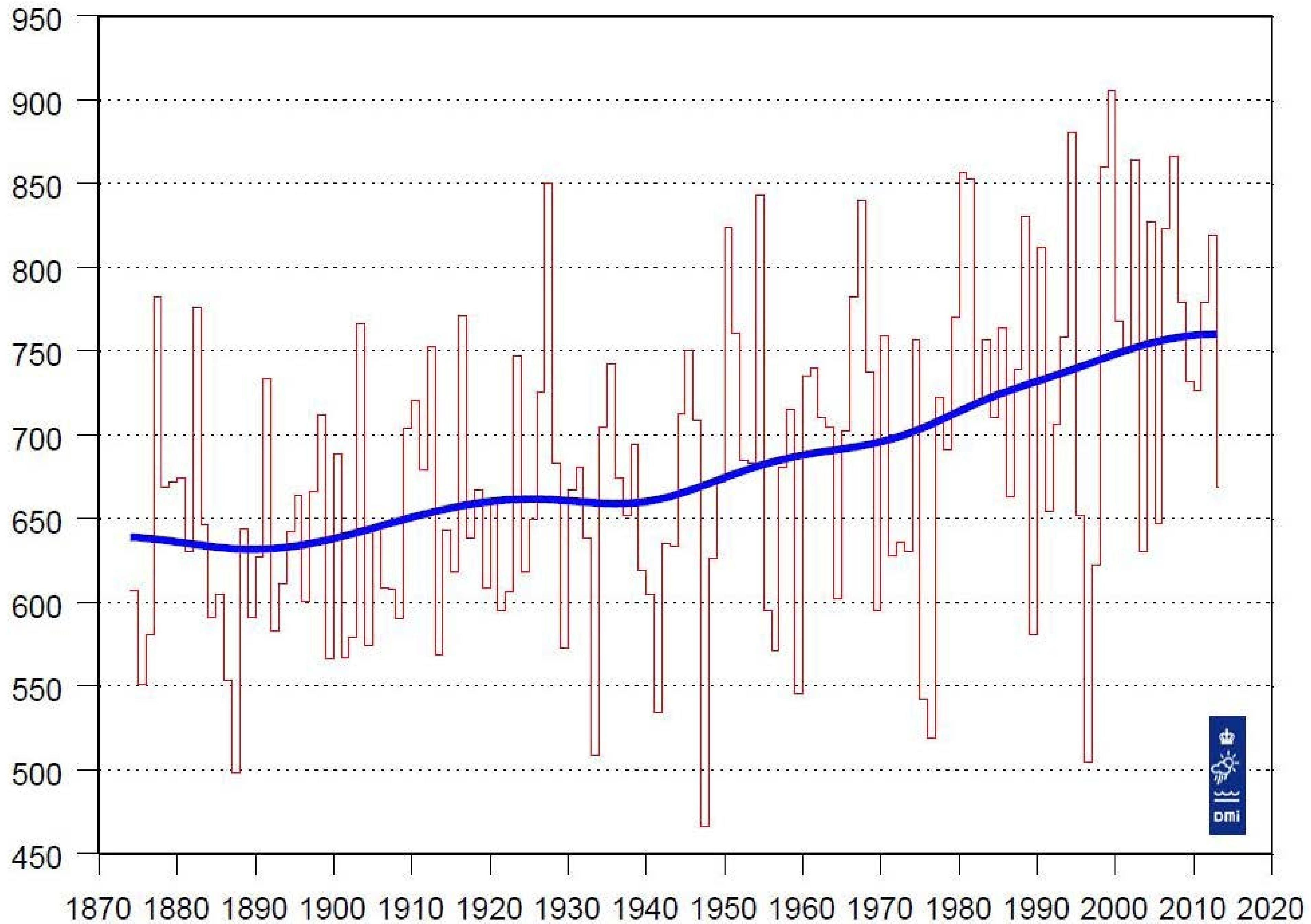
URBAN POWER



CLOUDBURST 1965

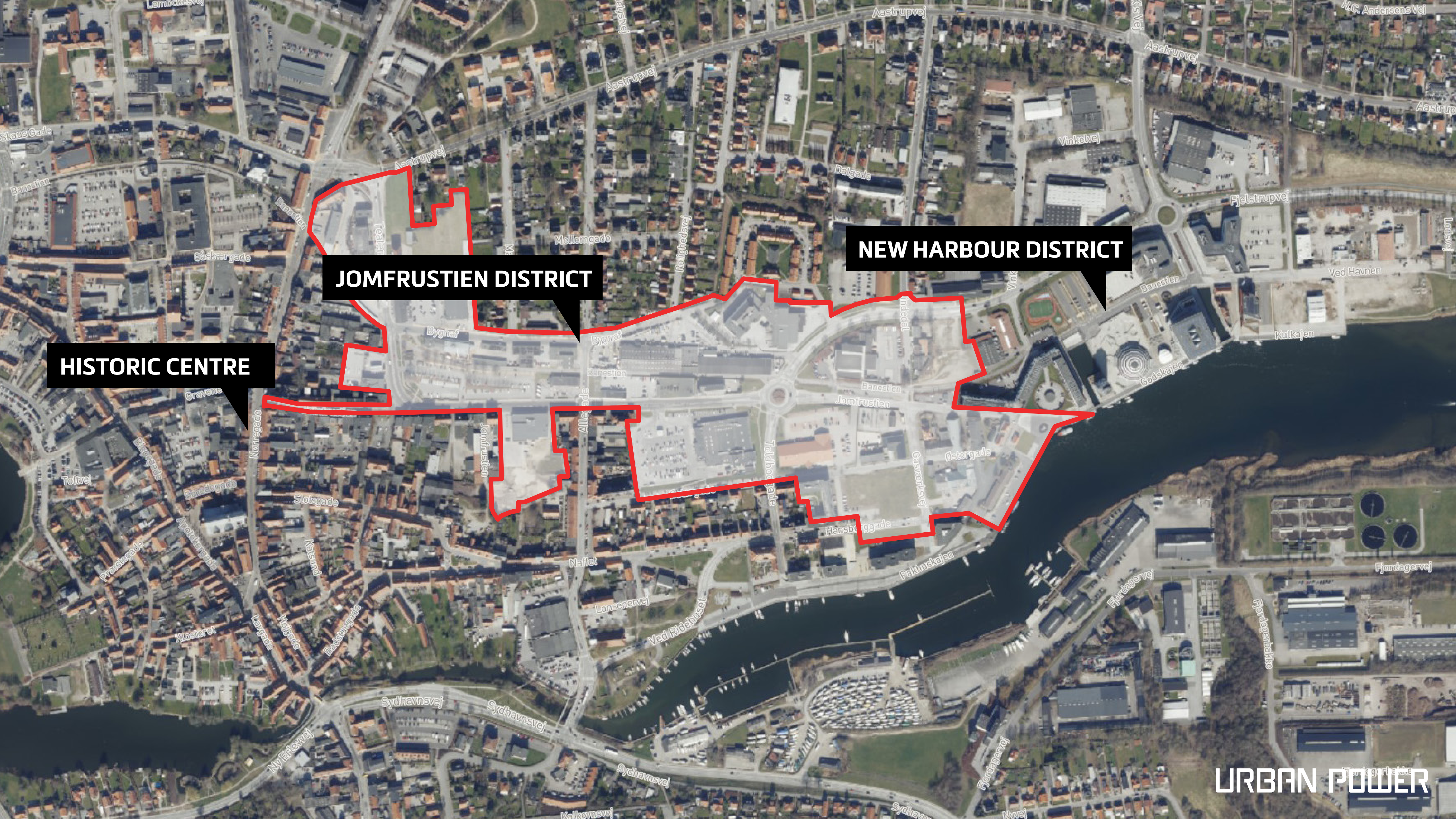
Jomfrusti 1965.

ANNUAL PRECIPITATION IN DENMARK



SOURCE: DMI





HISTORIC CENTRE

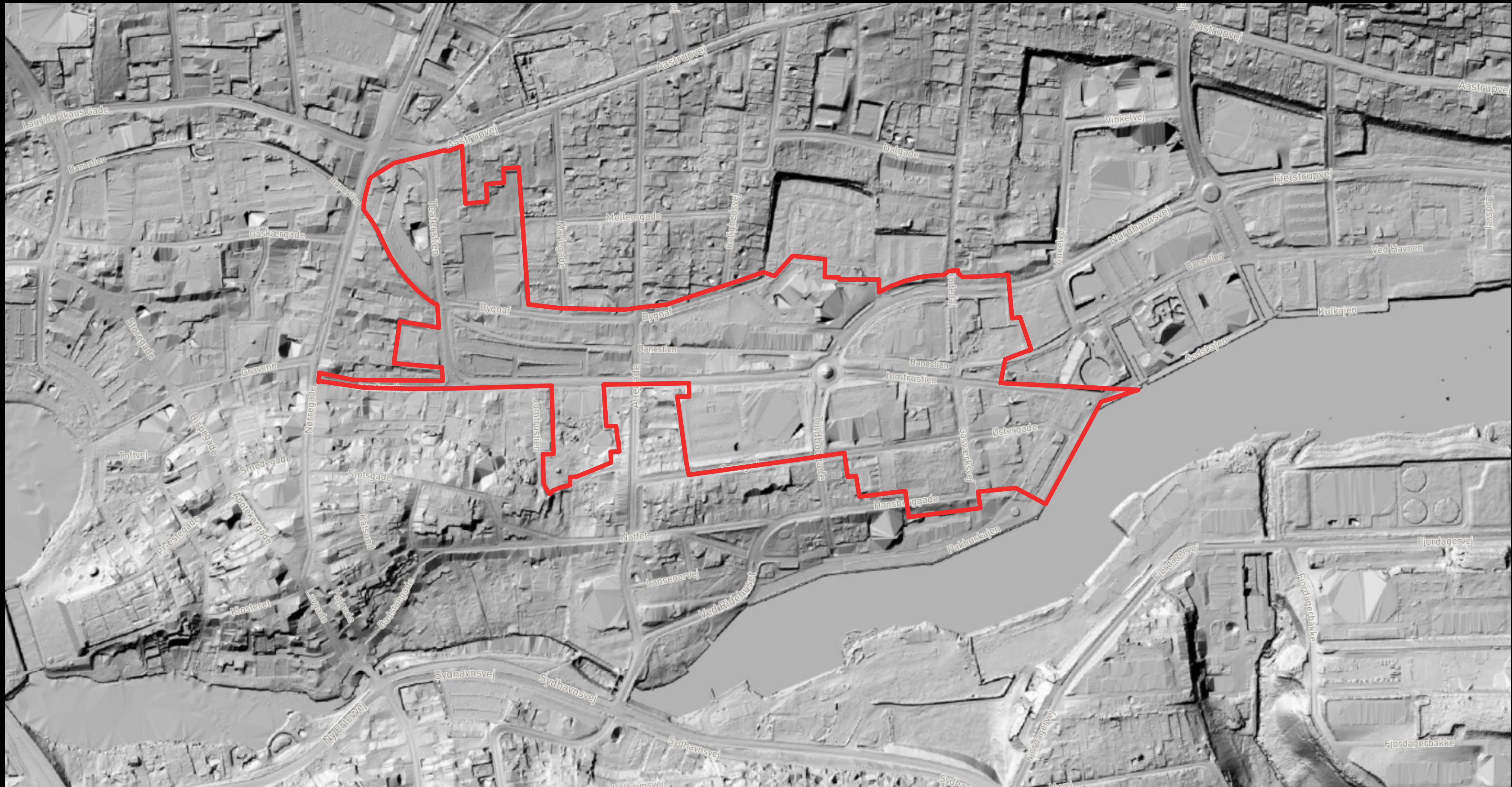
JOMFRUSTIEN DISTRICT

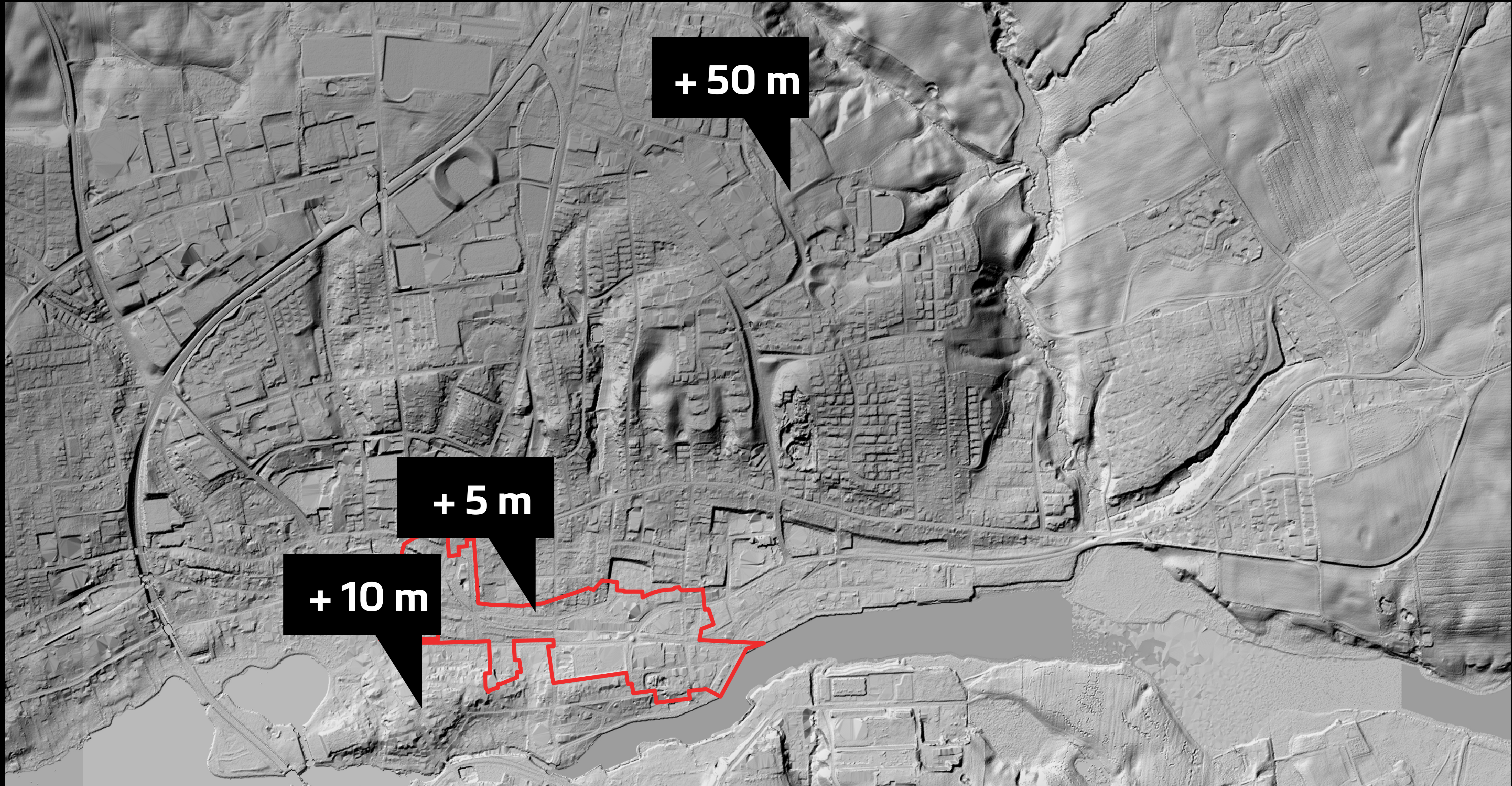
NEW HARBOUR DISTRICT

**CITY FOR
CARS**

JOMFRUSTIEN DISTRICT

HISTORIC CENTRE





+ 50 m

+ 5 m

+ 10 m

CATCHMENT AREA WEST
290.000m²

CATCHMENT AREA EAST
830.000m²

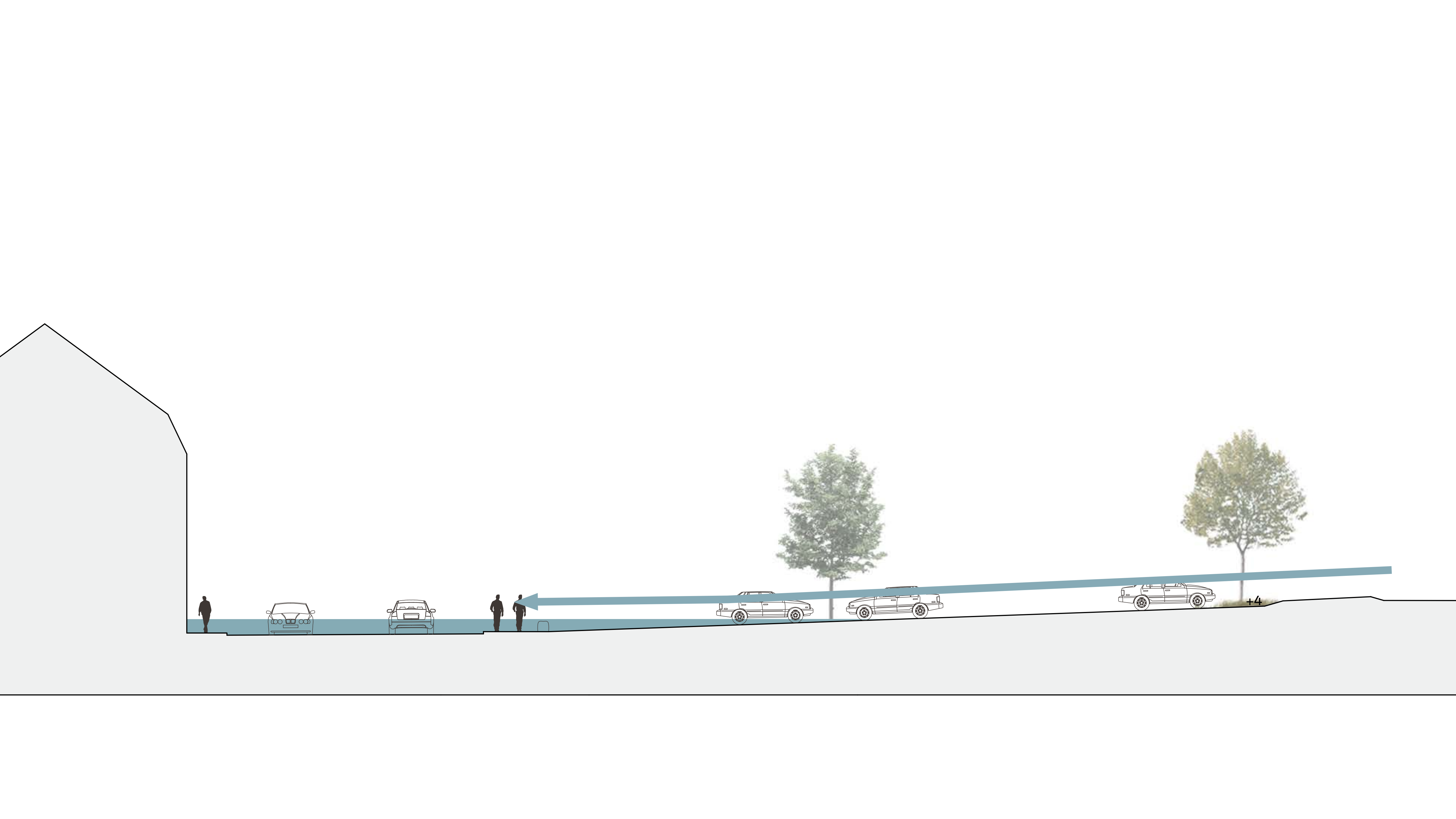
29 ha

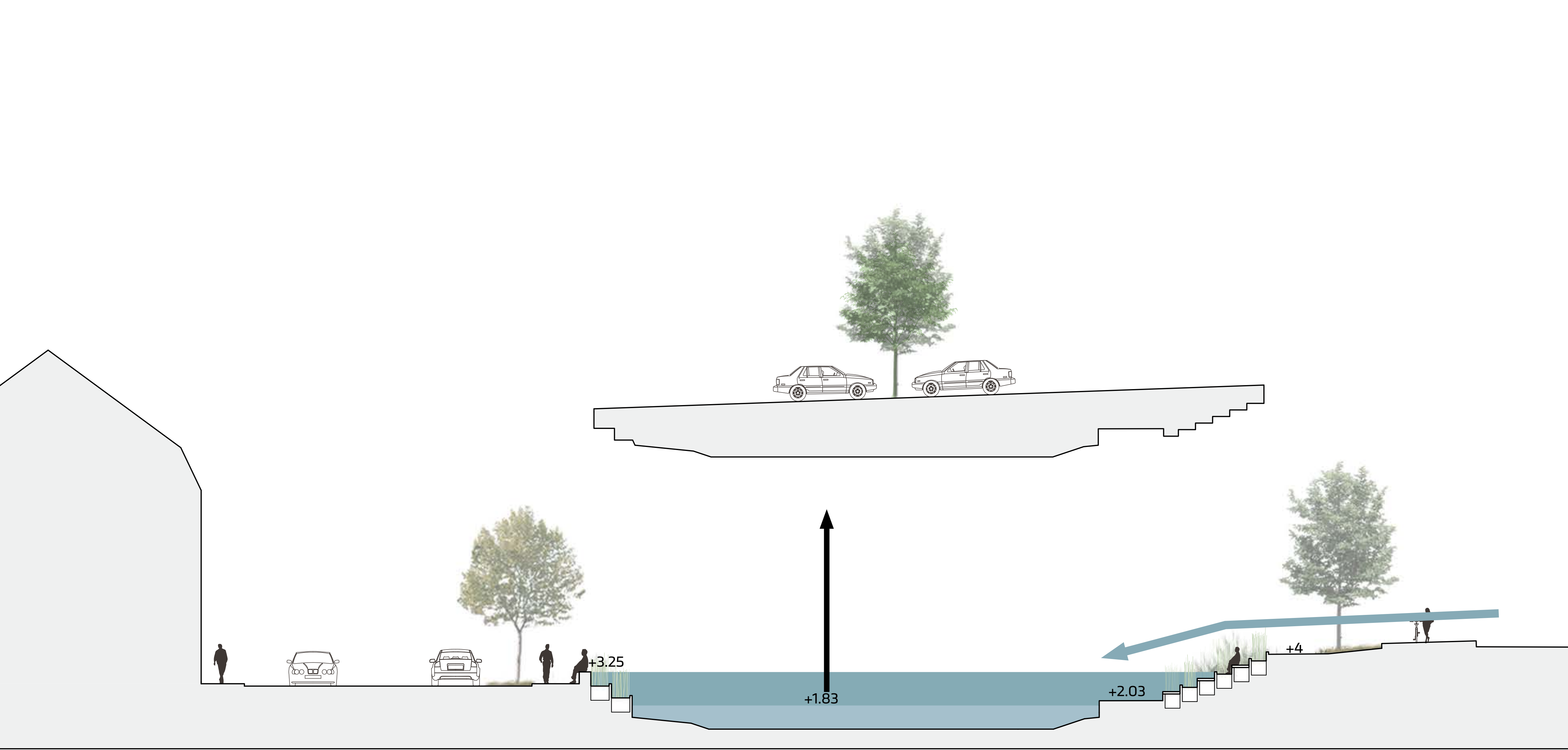
83 ha

CLOUDBURST VOLUME
15.000m³

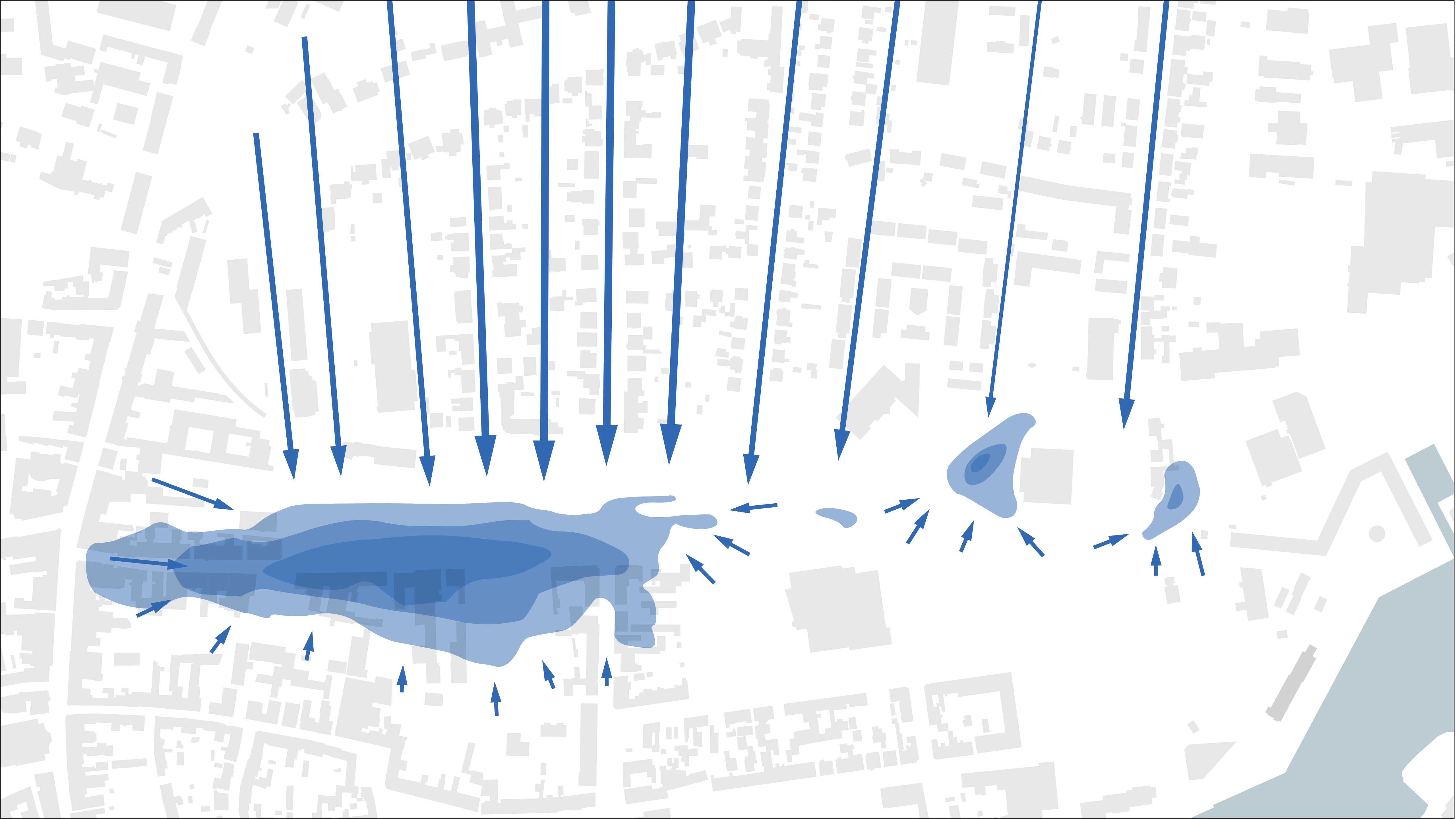


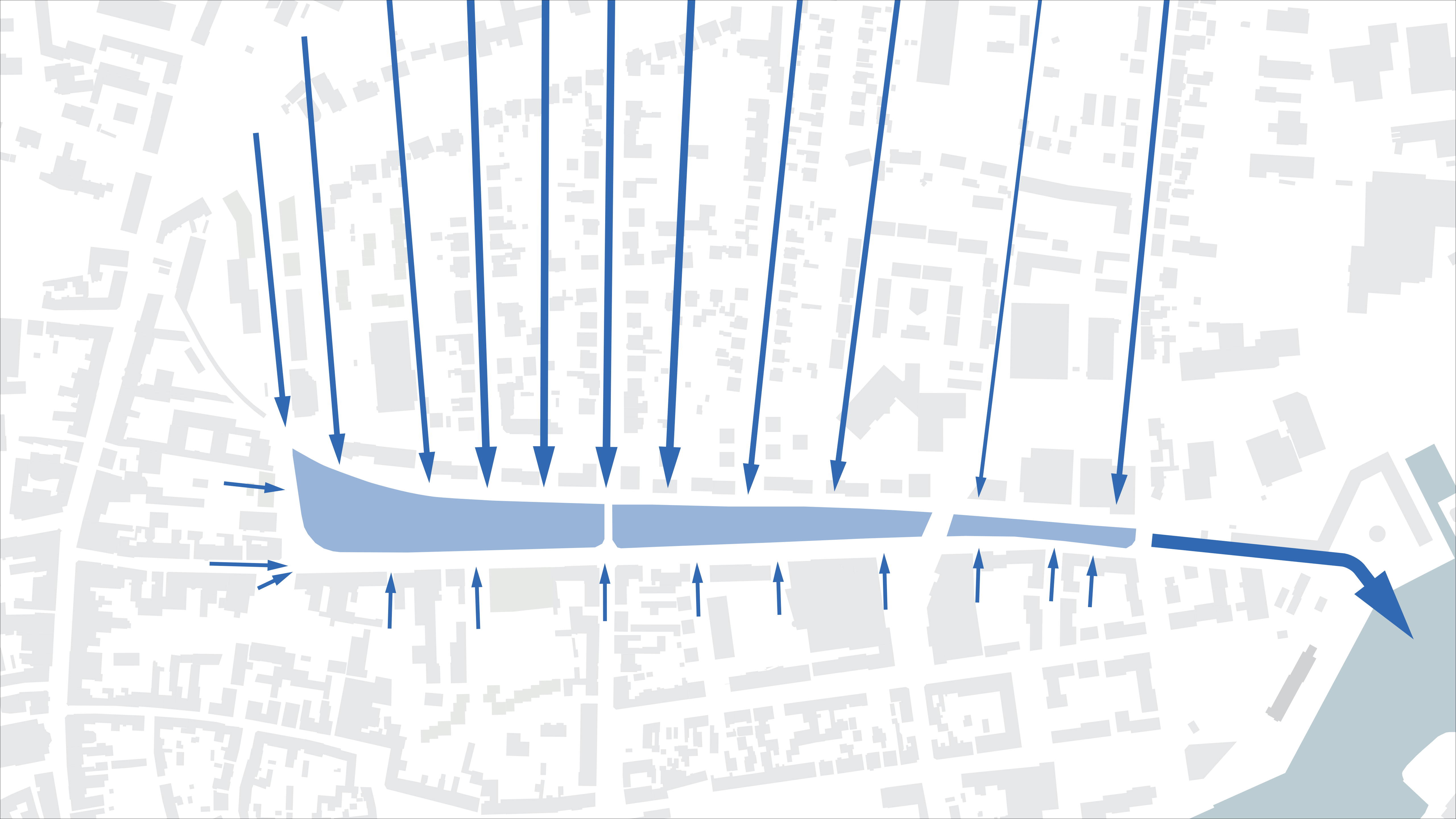
HOW CAN WE IMPROVE LIVABILITY THROUGH CLIMATE ADAPTATION?





Fremtidig





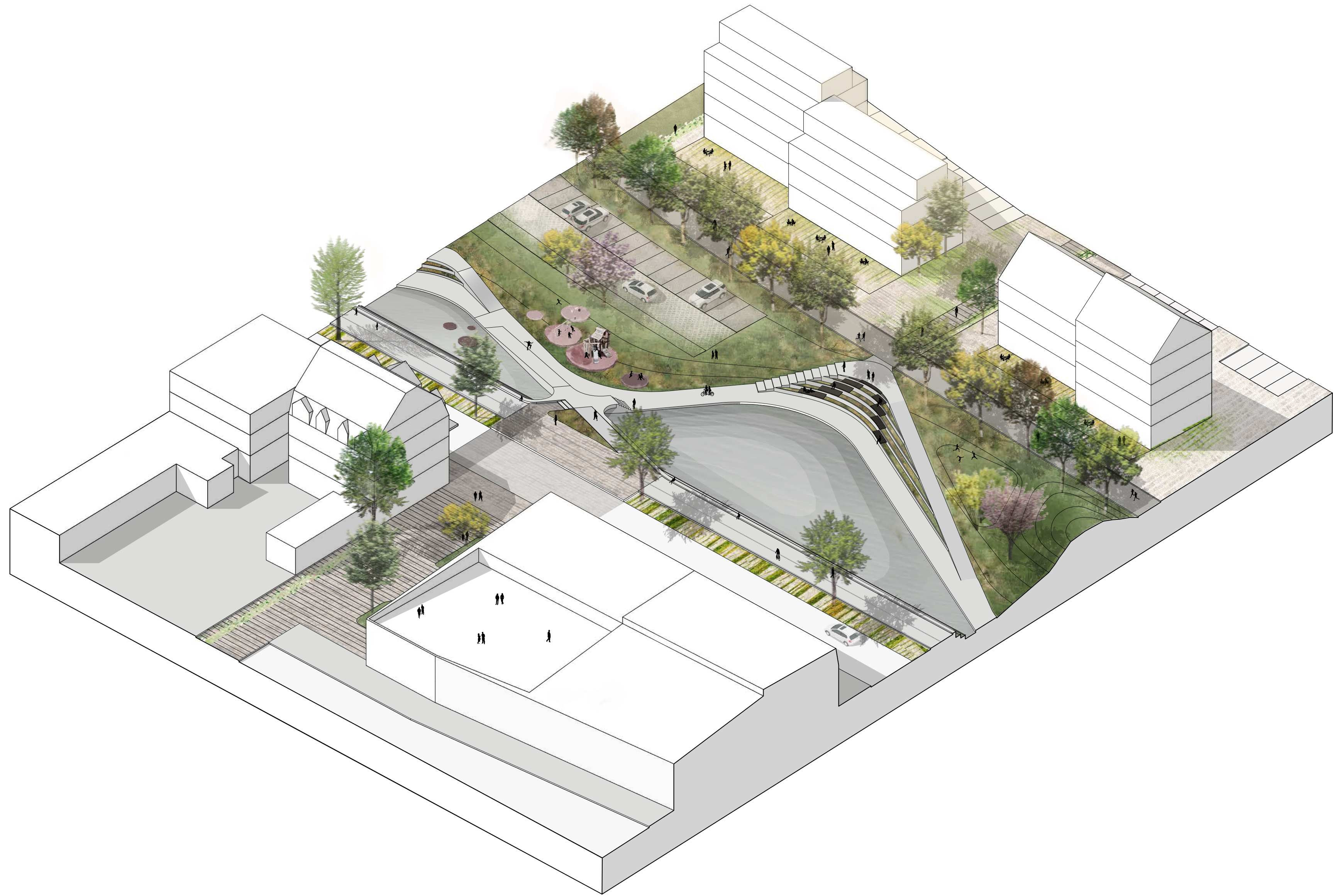
STAKEHOLDERS AND CITIZENS



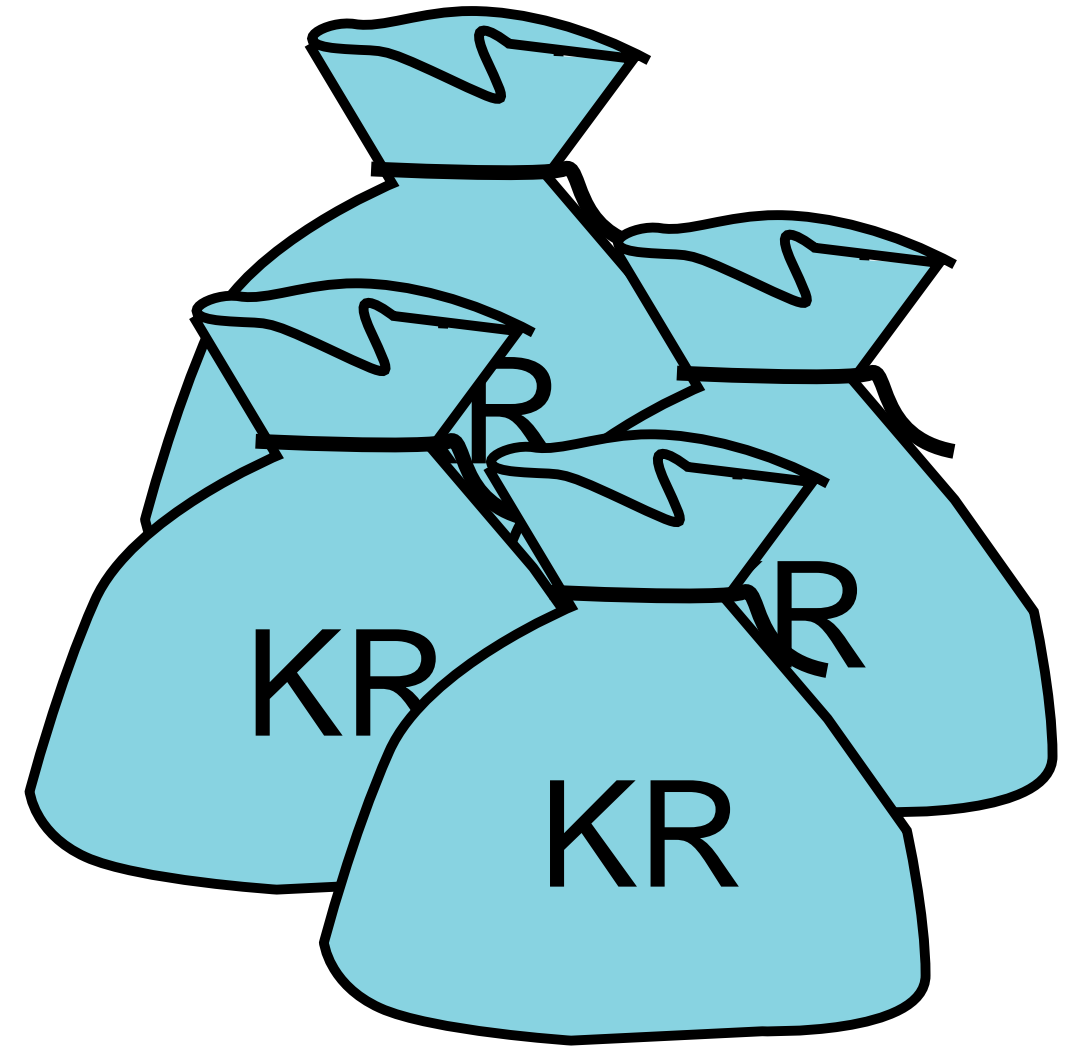
PARK, NATURE AND WATER

PLAYGROUND AND OUTDOOR CULTURE

FACILITIES FOR SPORTS, LEISURE AND MOVEMENT

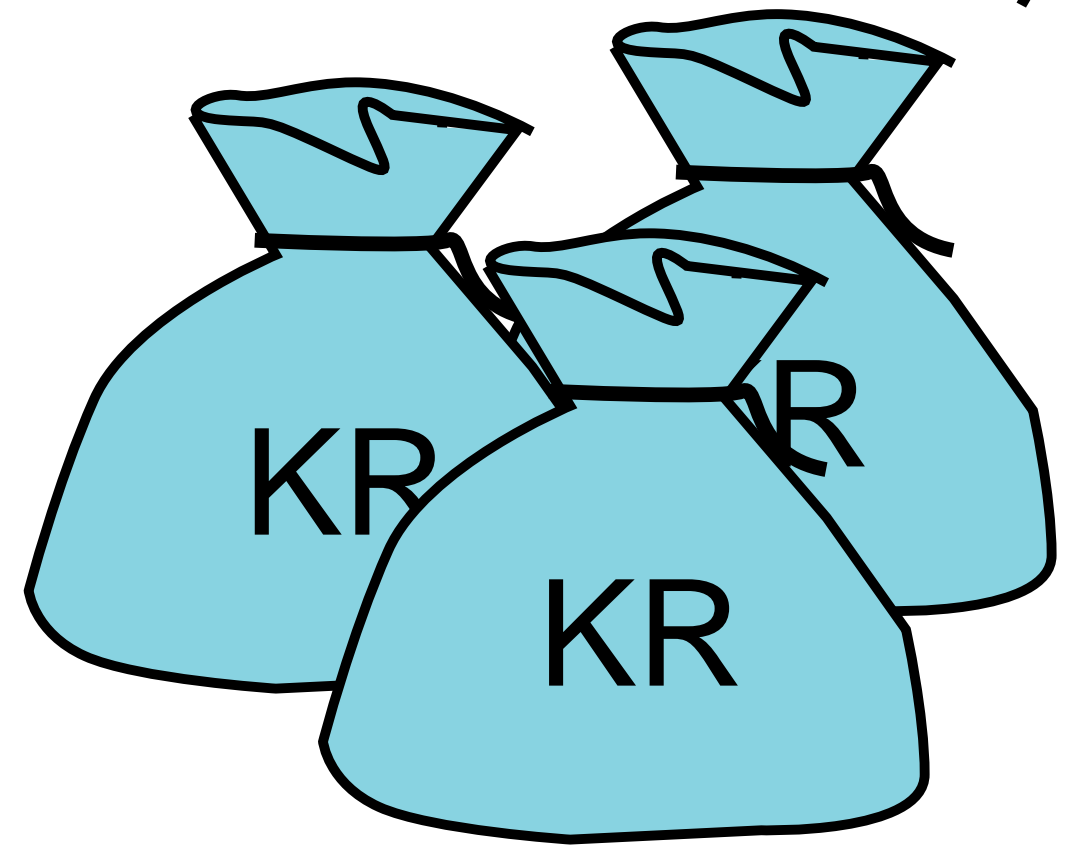


Traditional
cloudburst
solution
(subterranean)



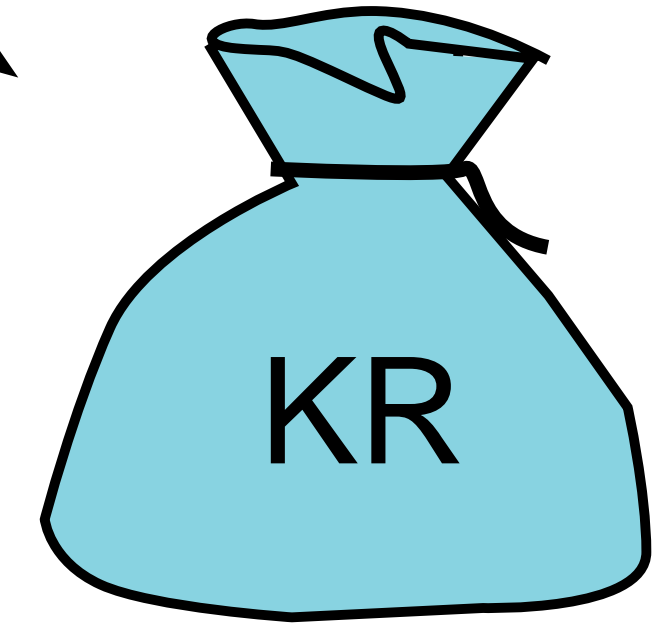
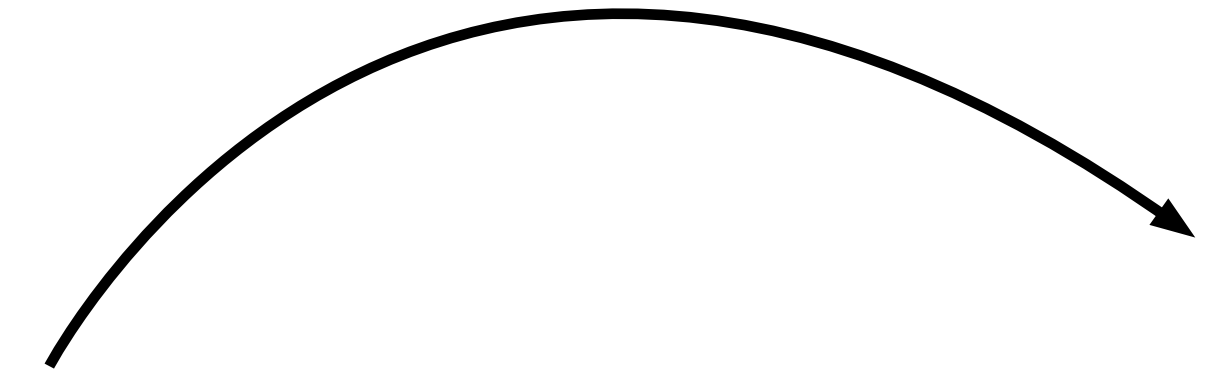
36 mio. dkk

Cloudburst solution
(surface)



27 mio. dkk

25% cheaper

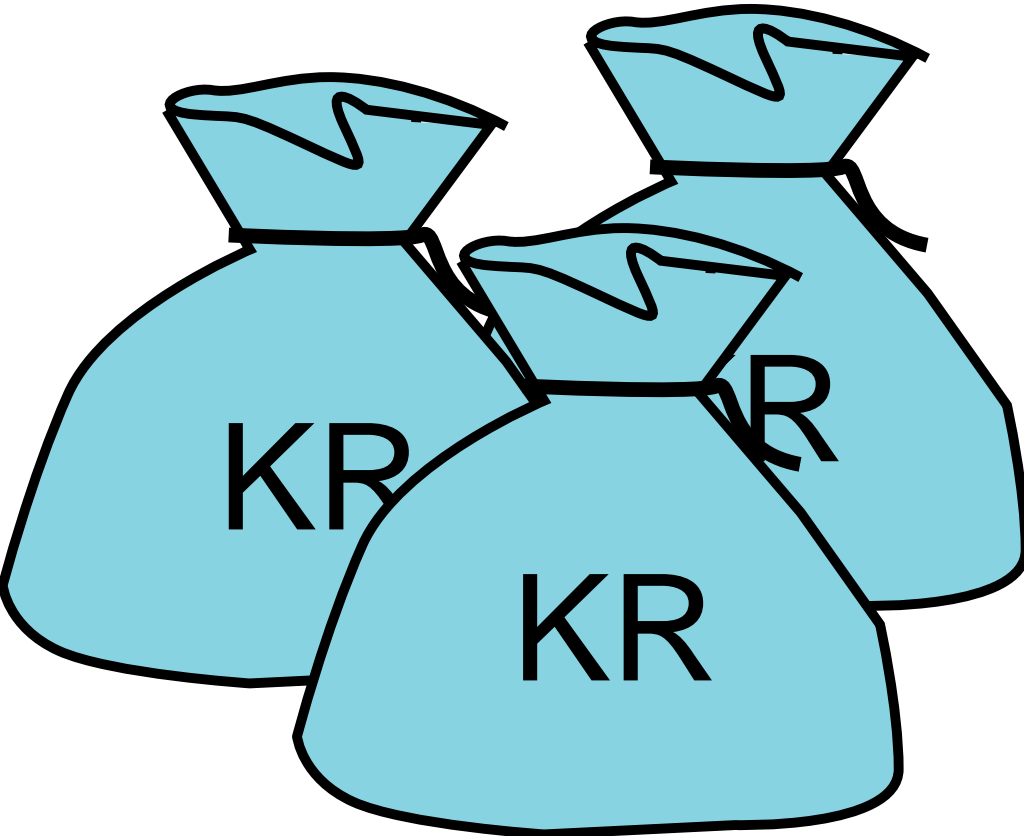


9 mio. dkk

URBAN POWER

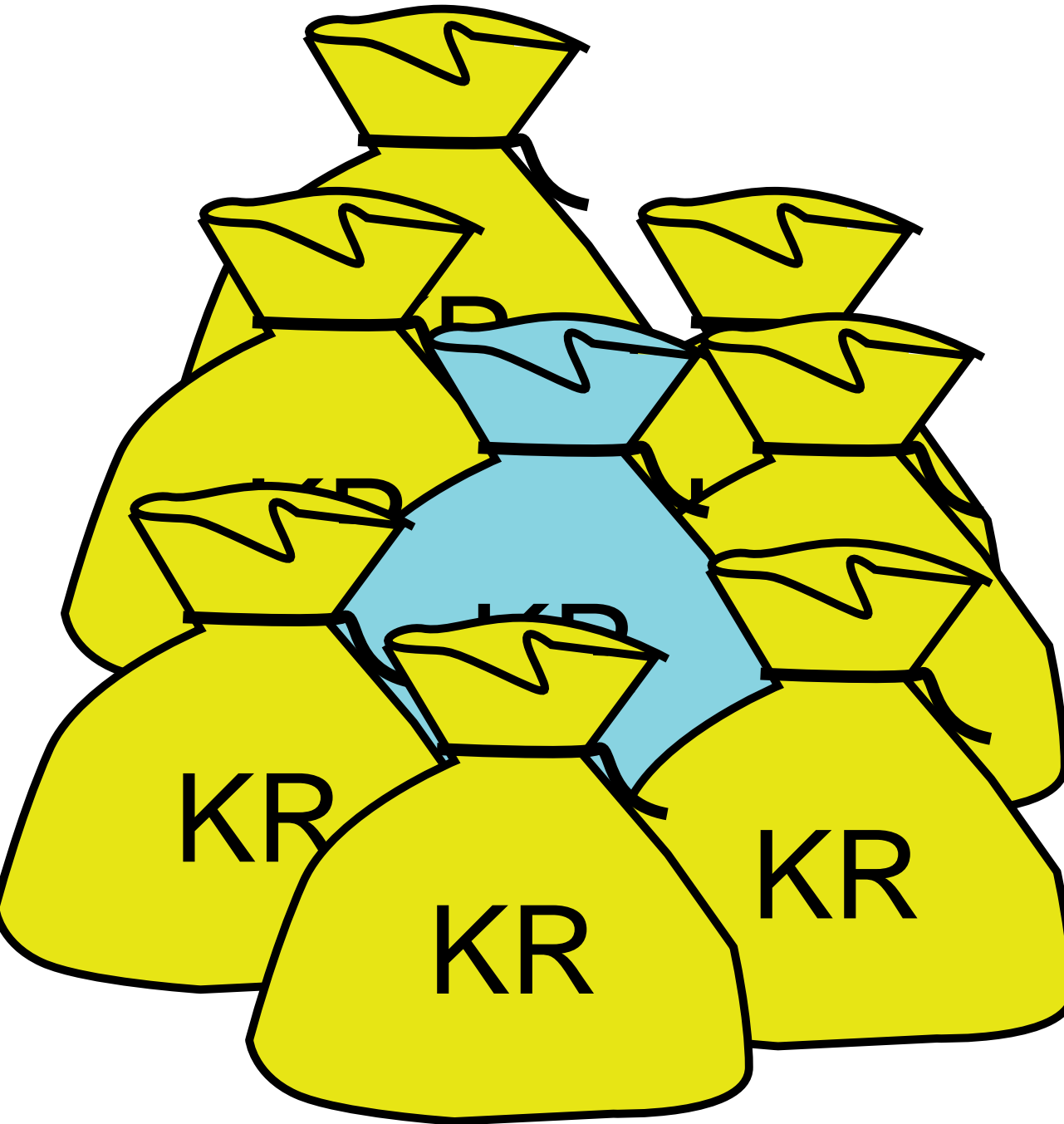
Cloudburst solution (surface)

The rest of the park





27 mio. dkk

+



73 mio. dkk

-  financed by municipality
-  financed by utility company

10 YEAR PLAN

2016 Masterplan

2017 Masterplan approved

2018 Cycle superhighway completed

2019 Pedestrian street completed

2021 Local plan

2022 Local plan approved

2024 Part 1 of park completed

2025 Part 2 of park completed

2026 Part 3 of park completed





2017

**FIRST CYCLE HIGHWAY
IN SOUTHERN JUTLAND**



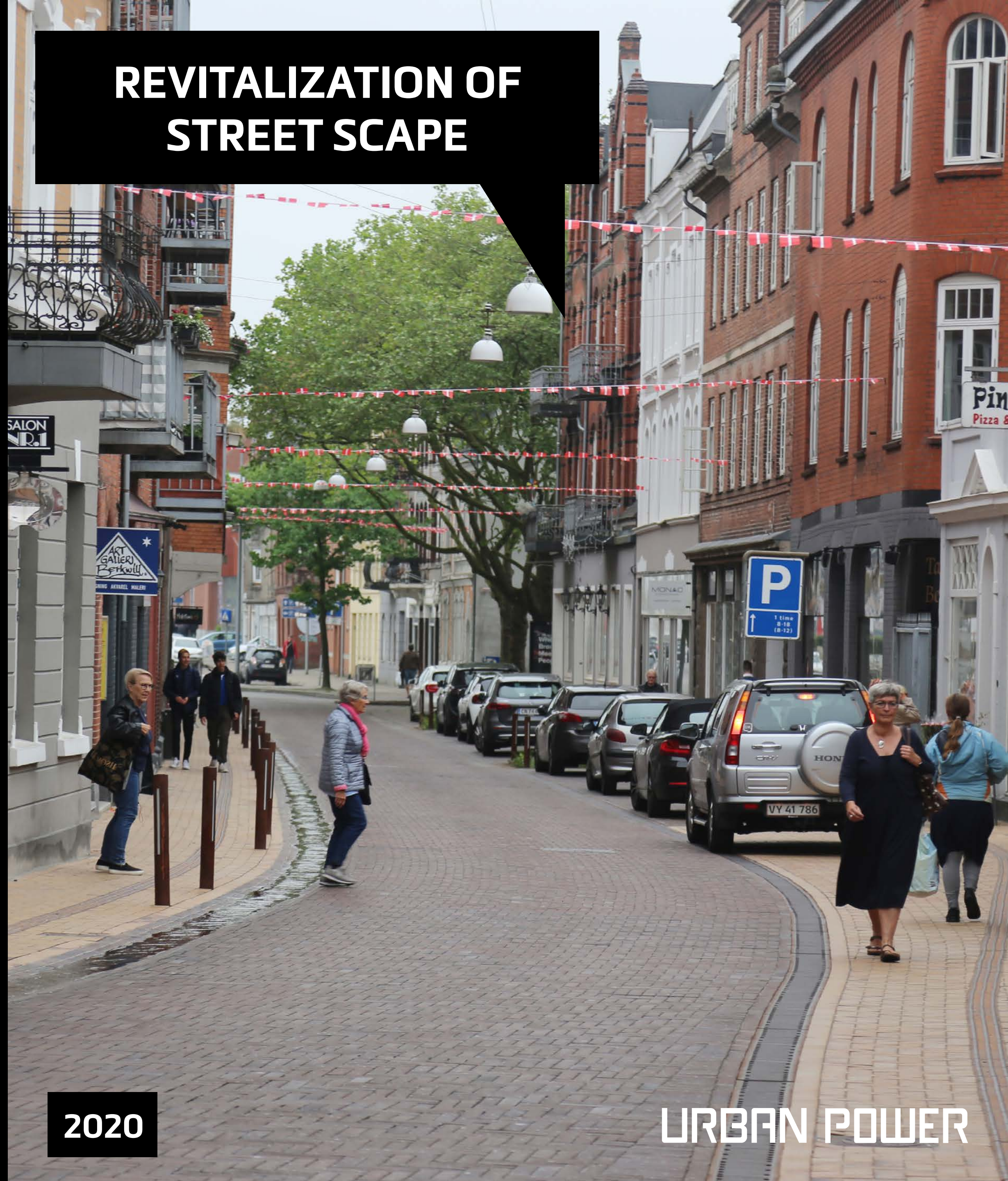
2020

URBAN POWER



2017

REVITALIZATION OF STREET SCAPE



2020

URBAN POWER

**EXPOSED FOR
CLOUDBURSTS**

NOW

URBAN POWER

CLIMATE RESILIENT PARK

FUTURE

2024

URBAN POWER



CITY FOR
CARS



NOW

CITY FOR PEOPLE



FUTURE

2024-26

URBAN POWER

**90.000 M²
CENTRAL BROWNFIELD**

NOW

2017

URBAN POWER



**1.100 NEW CITIZENS
IN THE CITY CENTRE**

FUTURE

2024-26

URBAN POWER

ASPHALT AND OTHER IMPERMEABLE SURFACES

NOW

2017

URBAN POWER



URBAN NATURE BIODIVERSITY

FUTURE

2024-26

URBAN POWER



MIND THE URBAN GAP!



PARKING

NOW

2017

URBAN POWER

GREEN + BLUE URBAN CONNECTION



FUTURE

2024-26

URBAN POWER

RÅDHUSPLASSEN

SKI, NORWAY



JOMFRUSTIEN

HADERSLEV, DENMARK



CITY CENTRE

RØDOVRE, DENMARK



URBAN POWER