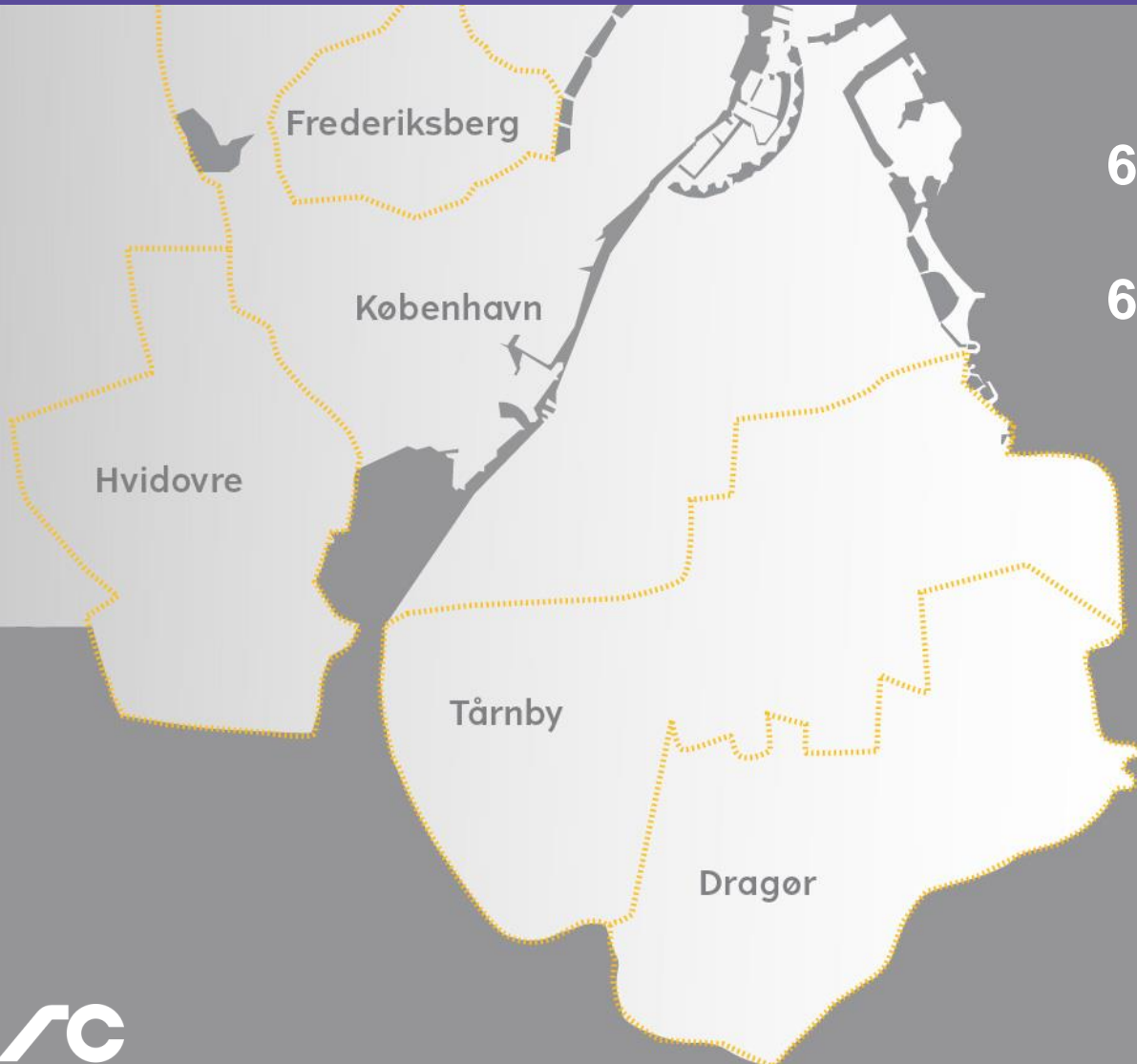


Amager Bakke



Head of Communication
Morten Kramer Nielsen.
ARC

ARC is owned by five municipalities in the capital region



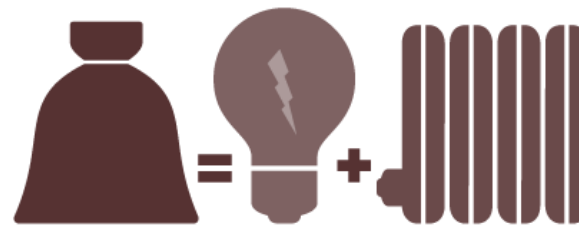
600.000 inhabitants

60.000 companies

Business Areas



Recycling



Waste to energy



Sanitary landfill



**Transfer station for
hazardous waste**



ARC operates by a balancing principle where revenue and expenses have to balance on a long-term basis.

Old and expensive. Compliance with environmental requirements



Since 1970

Modern and flexible. High environmental and energy profile



From 2017

Vision for Amager Bakke:

- **SIGNIFICANT HIGH ENVIRONMENT AND ENERGY PROFILE**
- **MODERN AND FLEXIBLE**
- **SHOWCASE FOR WASTE TREATMENT**
- **INTEGRATED IN THE CITY**



99,9 %
reduction of
hydrochloric acid

Reduction in CO₂
emissions by more
than 100,000 tonnes

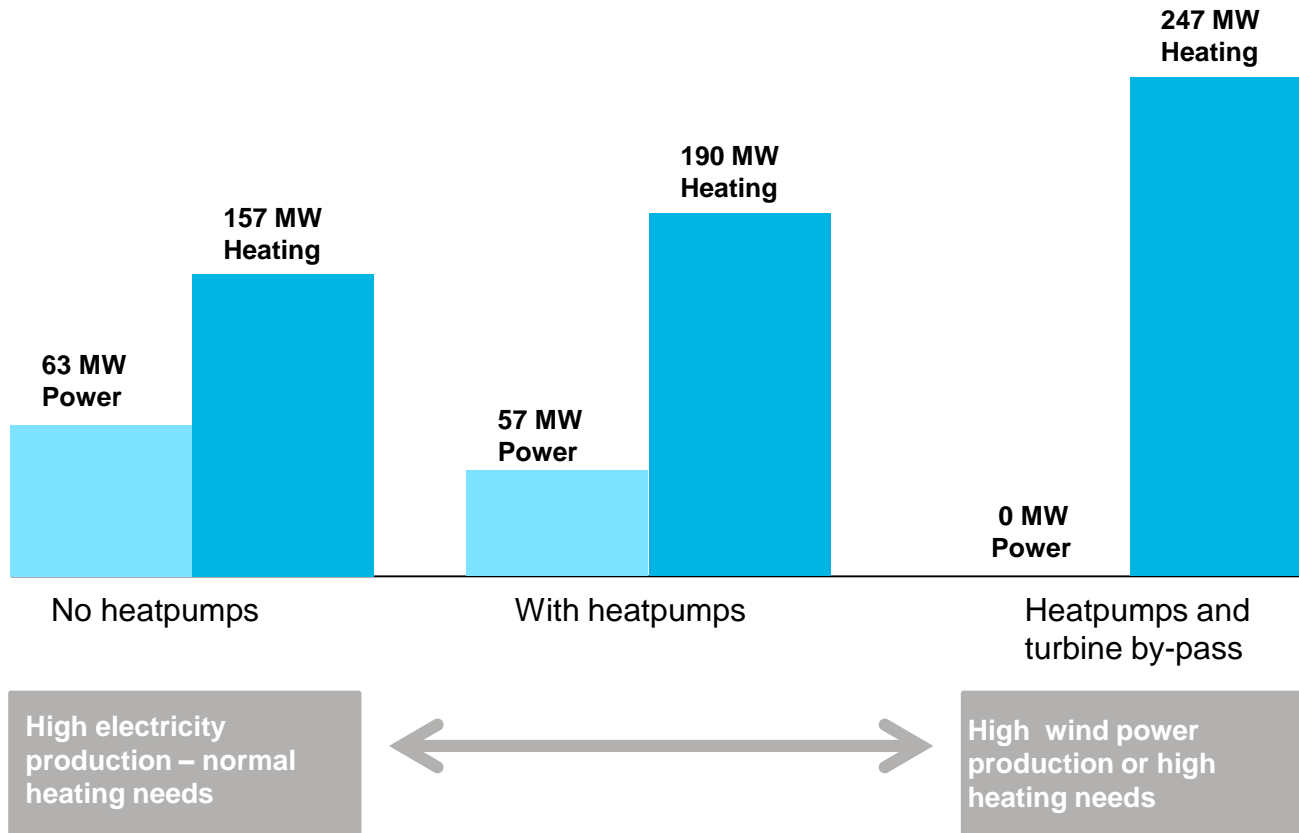
25%
more energy
from the
waste

Dioxin is
removed

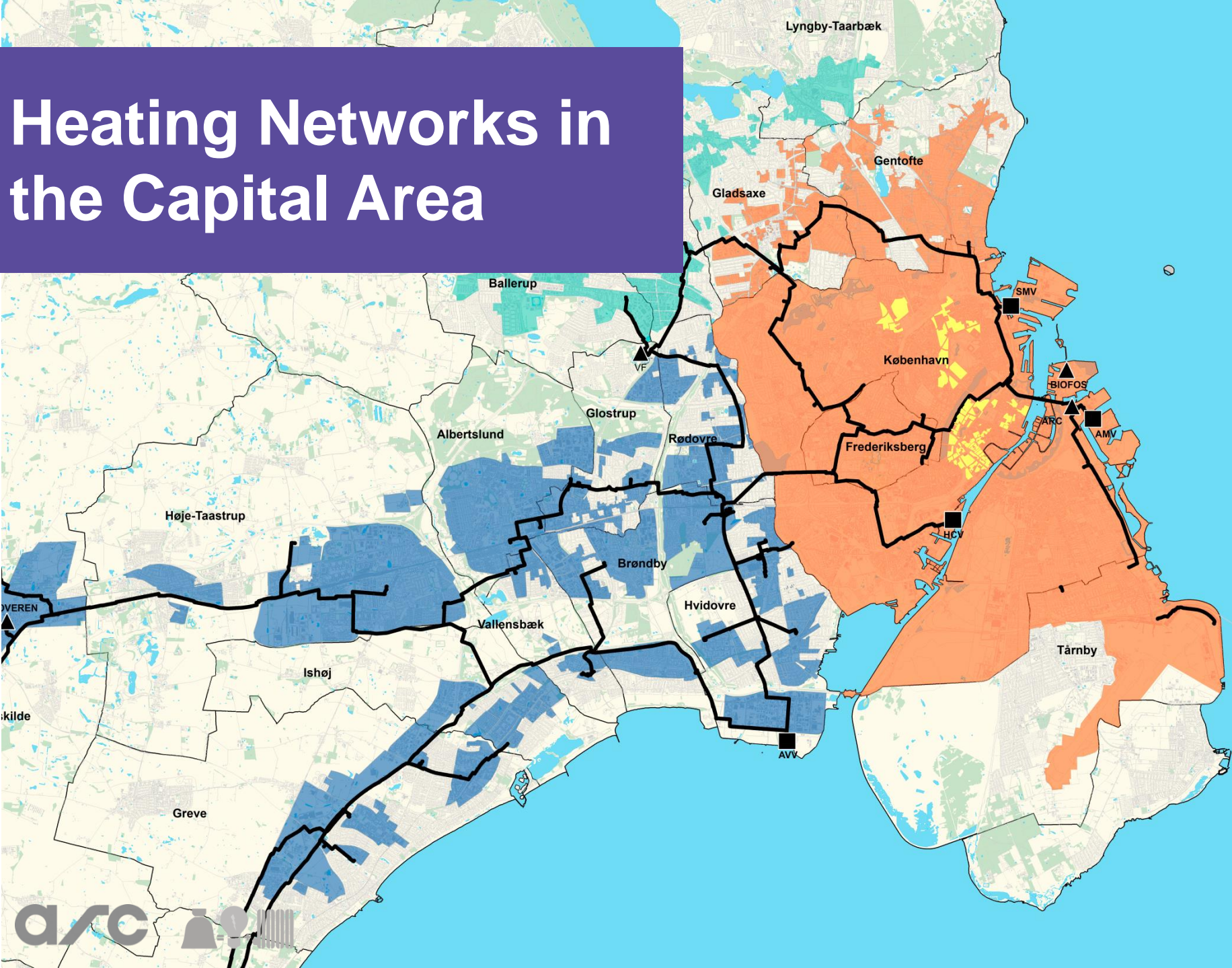
NO_x emissions
will be removed
by 96 %


99,5 %
reduction of
sulphuric acid

Output ratios



Heating Networks in the Capital Area





The project

Amager Bakke

Costs: 533 million Euro/ 741 million US Dollars

Architect: BIG.

Technical consulting: Bascon A/S

Building: Moe & Brødsgaard A/S

Waste to Energy consulting: Rambøll Energy.

Building: Construction: NCC, GEO Copenhagen, Tvillum Landinspektørfirma A/S.

Furnaces: Babcock & Wilcox Vølund,

Turbine: Siemens Denmark A/S,

Flue gas cleaning system: LAB France and CMS

Control monitoring System: Siemens Denmark A/S

Location



30 minutes

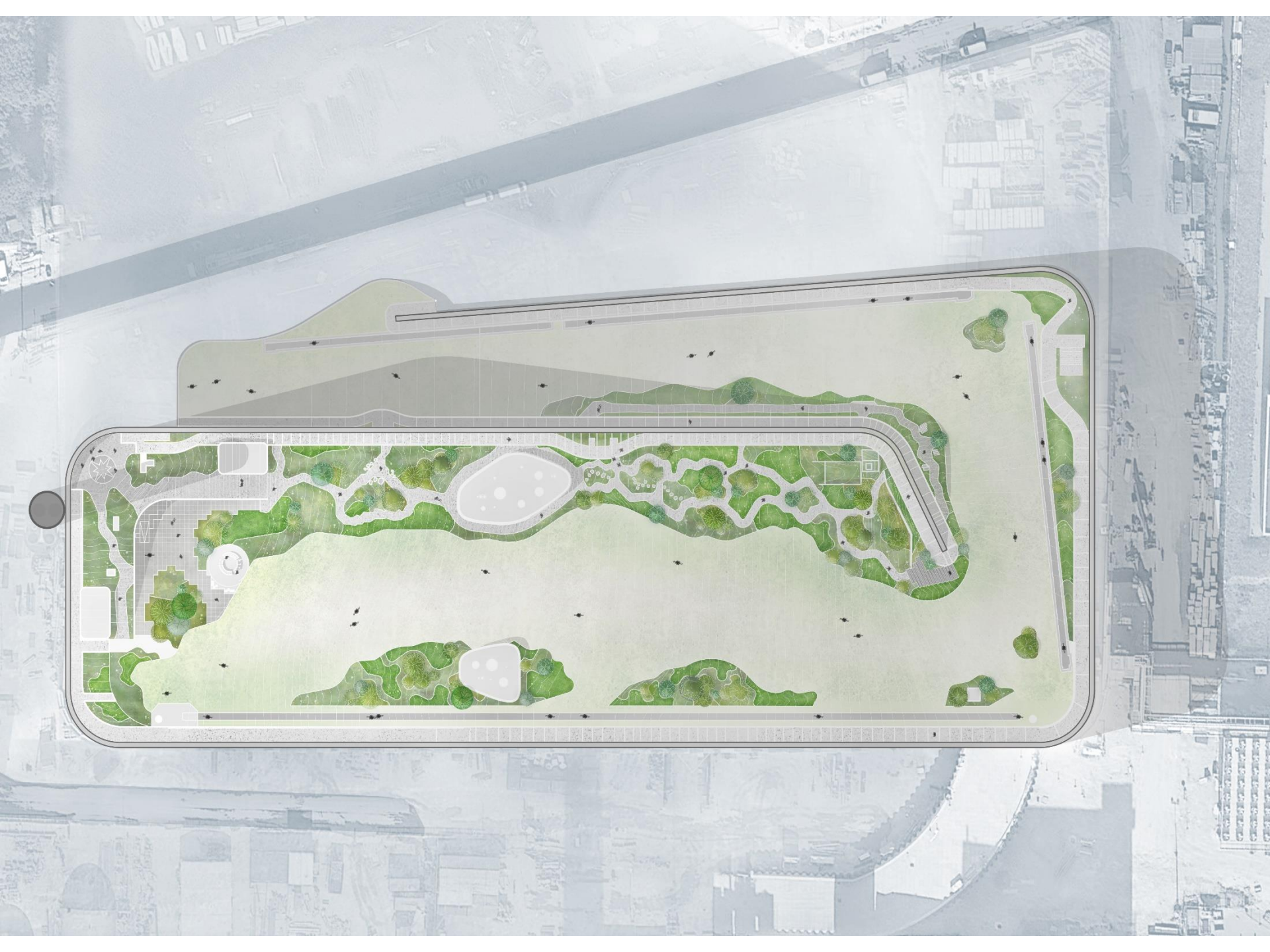
20 minutes

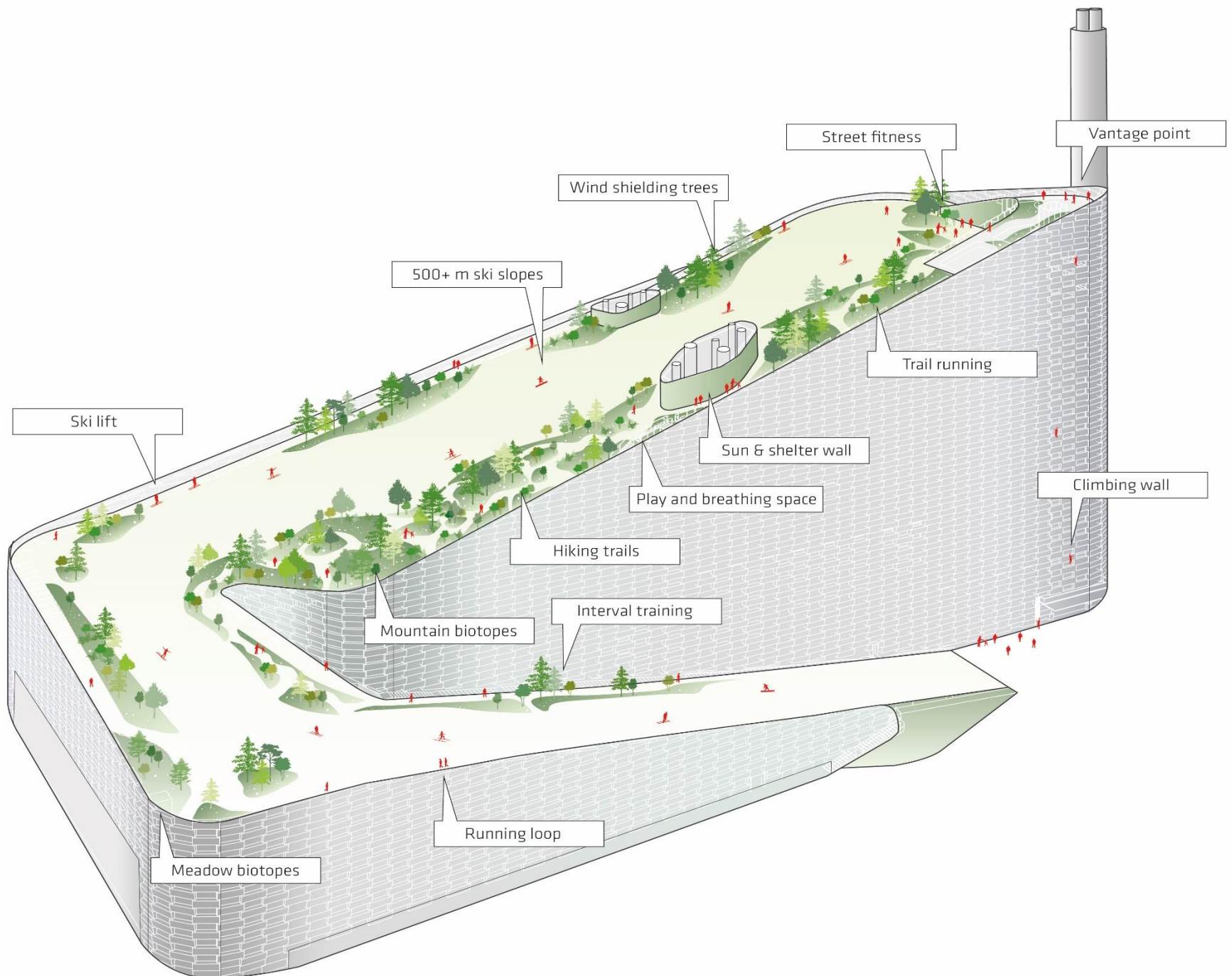
10 minutes

Our unique location contribute to short waste transportation as well as good distribution opportunities for district heating.











a/c

