

Stockholm Royal Seaport

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City of Stockholm





Hagastaden

Stockholm Royal Seaport

Slussen

Liljeholmen / Lövholmen

Hammarby Sjöstad

Årstafältet

Slakthusområdet



Stockholms
stad

2009

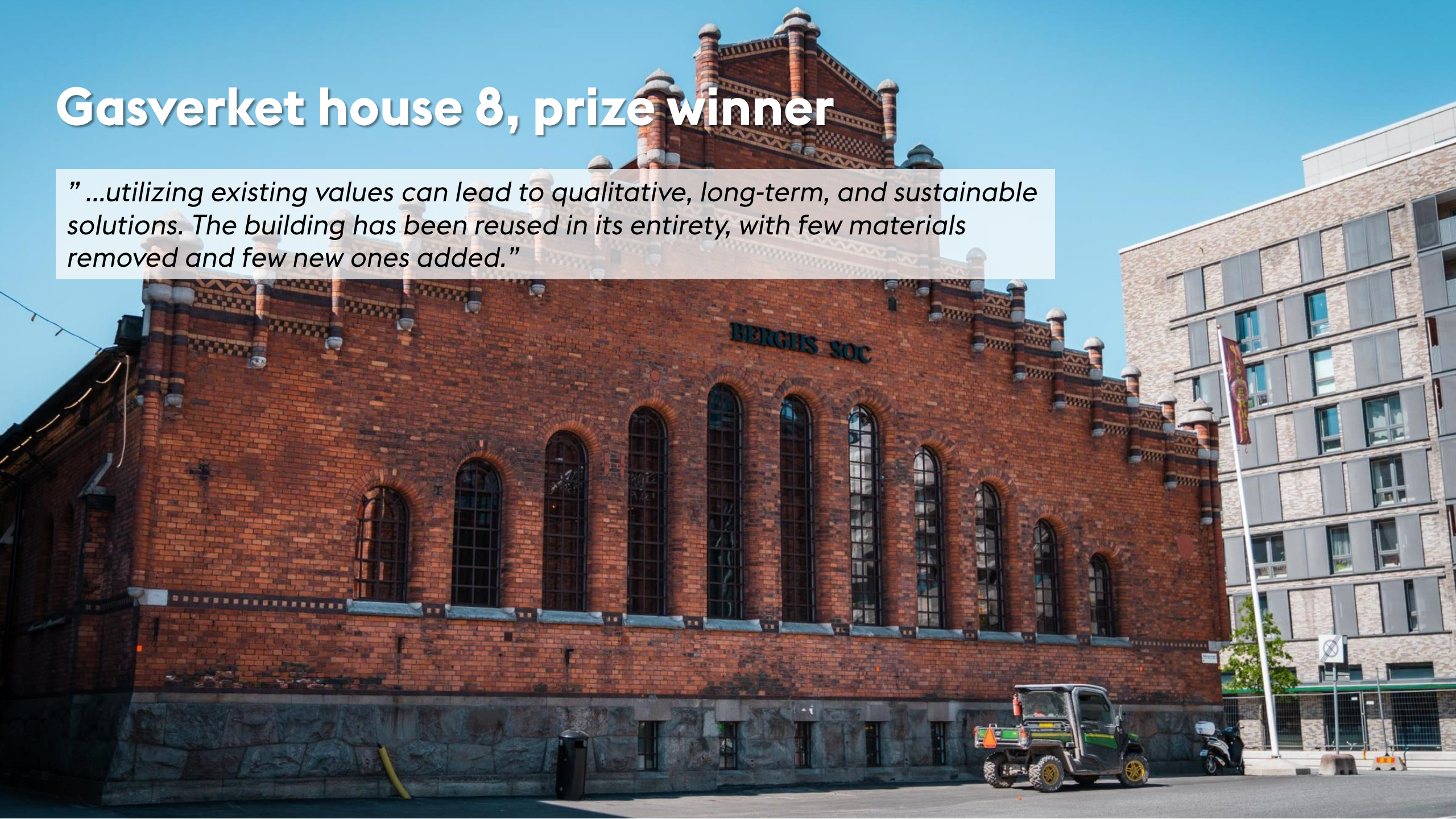
2022



Gasworks

Gasverket house 8, prize winner

"...utilizing existing values can lead to qualitative, long-term, and sustainable solutions. The building has been reused in its entirety, with few materials removed and few new ones added."



Värtahamnen

2 400 residential units, retail and offices, new pier and ferry terminal

Energihamnen



Loudden

4 000 residential units,
school, retail and offices



How we work

Stockholm's long-term sustainability efforts



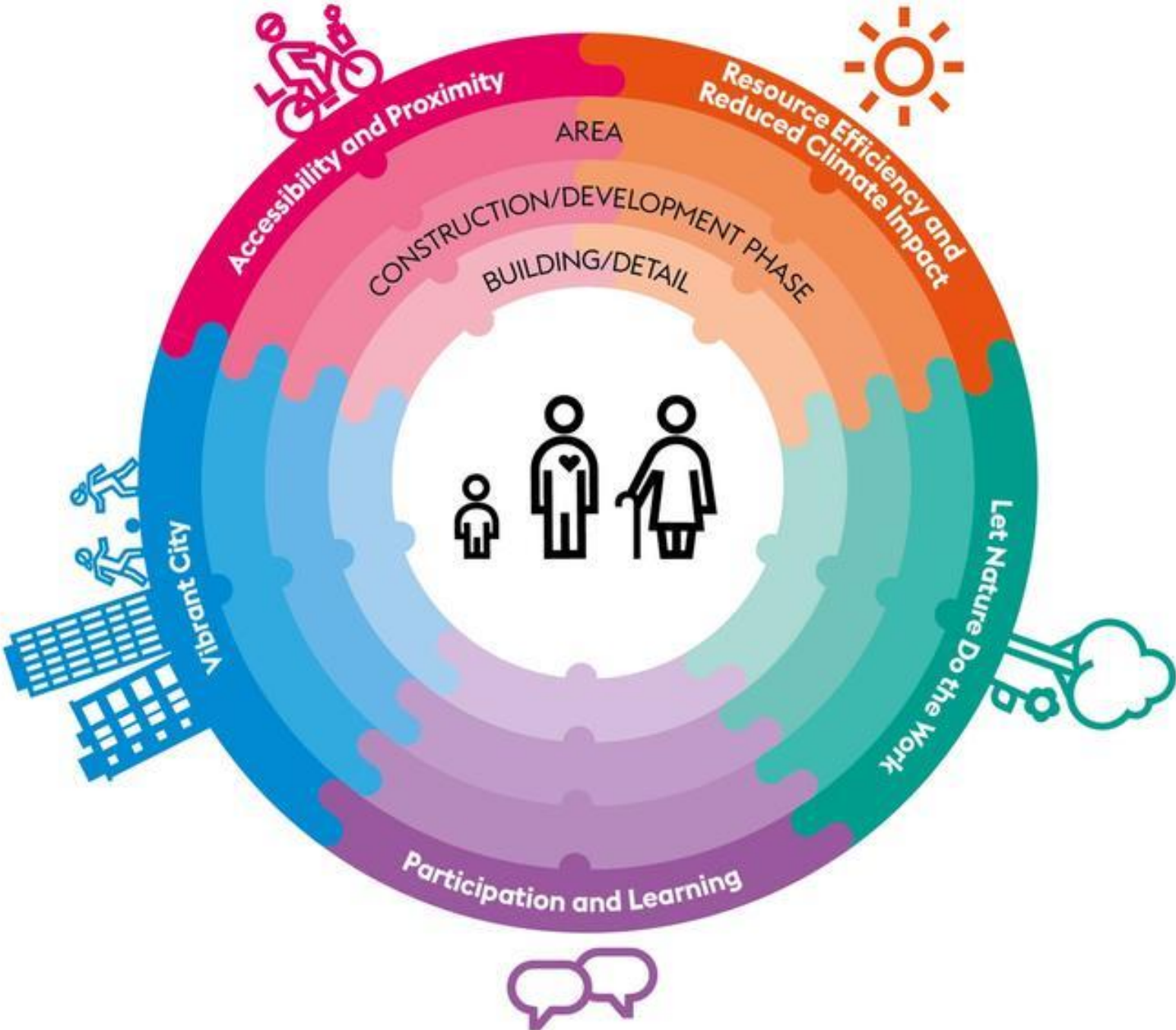
Guidance by the Sustainability Programme

- Sustainability requirements in land allocation
- Political will
- Shared vision
- Leadership
- Resources
- Openness to innovation – "learning by doing"
- Communication

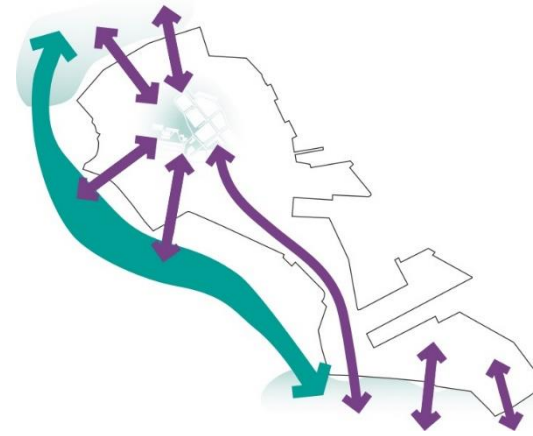
The third version of the programme was decided by the City Council in 2021



Five goals

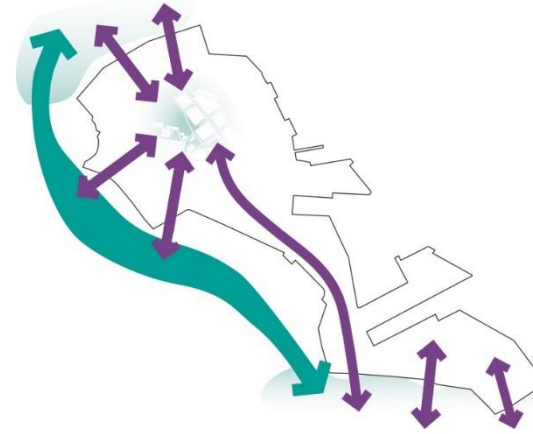


Let nature do the work



So far:

- ✓ 140 000 m² new green space
26 400 m² green roofs
and 47 300 m² courtyards
- ✓ 600 new trees, have been planted in public open space of which **120 are oak trees**
- ✓ 98% of the developers have achieved the Green Space Index.





Multifunctional green spaces





Stockholms
stad



Credits: Fredrik Ohls, Sweco



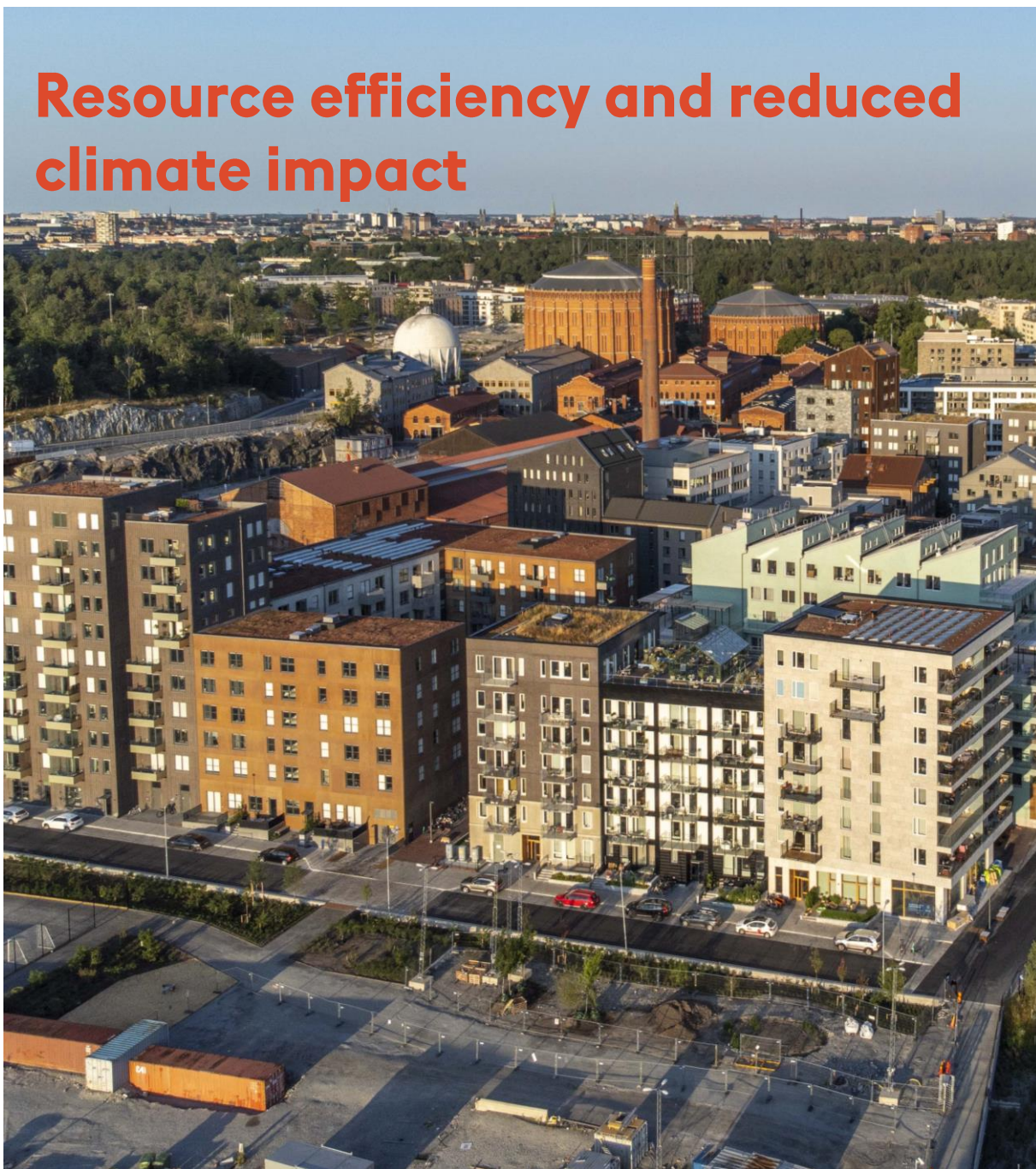
Stockholms
stad



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stad



Resource efficiency and reduced climate impact



- ✓ **All new buildings are low-energy buildings.**
- ✓ The waste system consists of a vacuum waste collection system, a recycling room, an automated collection point for hazardous waste, and the mobile Pop-up Reuse Centre.
- ✓ Ongoing electrification. 43% of the fuel used for construction machinery and vehicles in the construction projects during 2022 has been renewable.
- ✓ 40% of the rock and excavation materials have been reused, which amounts to 945,000 tonnes.
- ✓ **1/3 of the area remediated.**



On site remediation



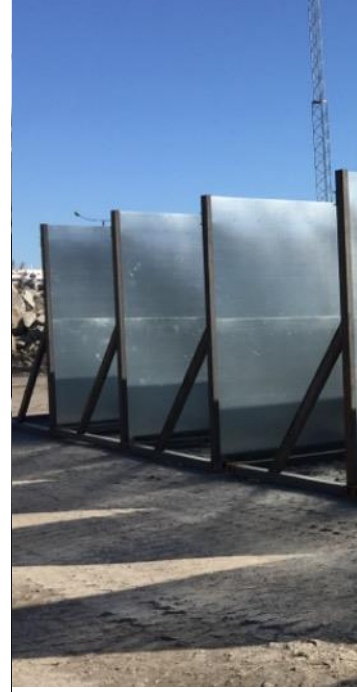
Stockholms
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Bulk material management



Resource efficient construction



Innovation plattform

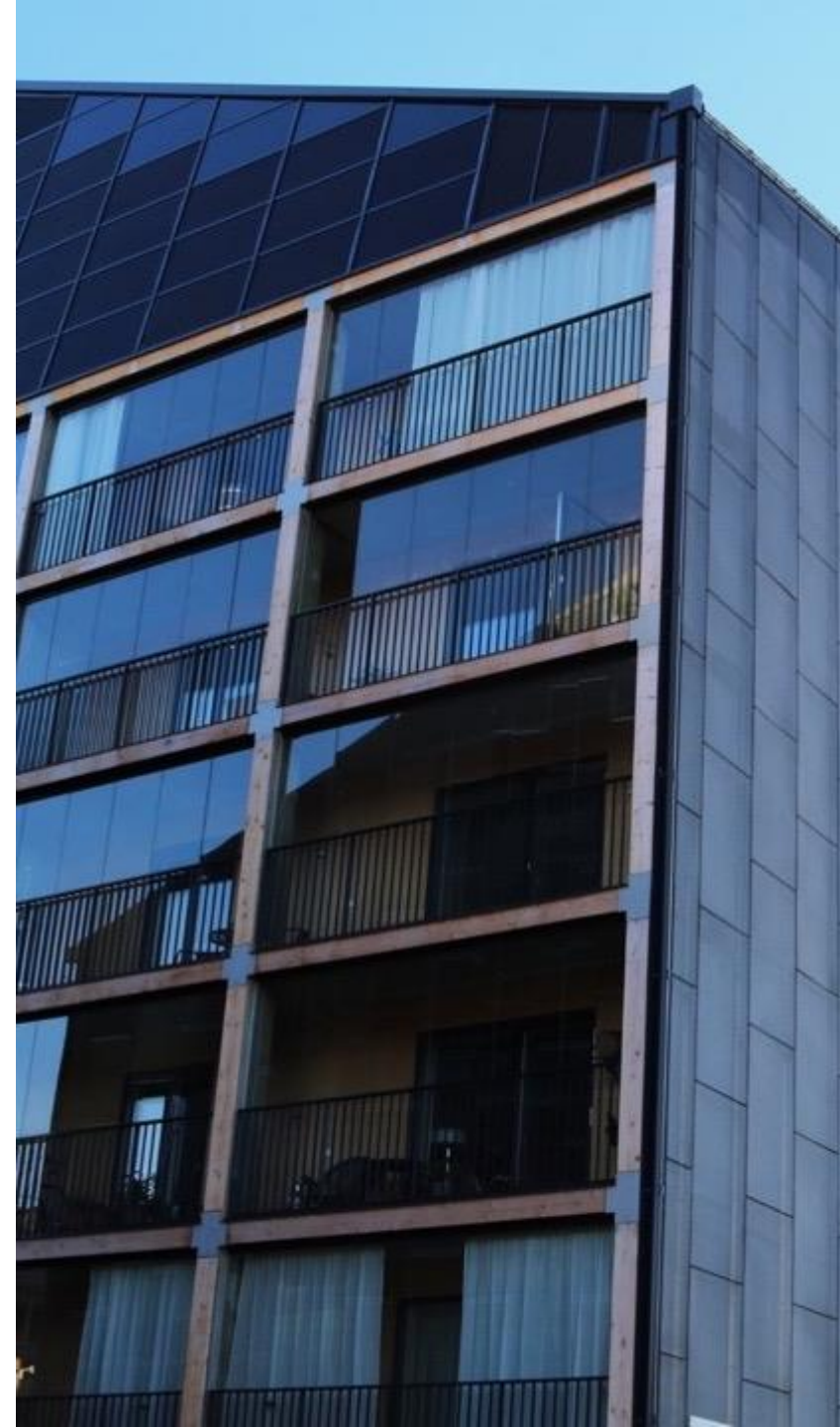
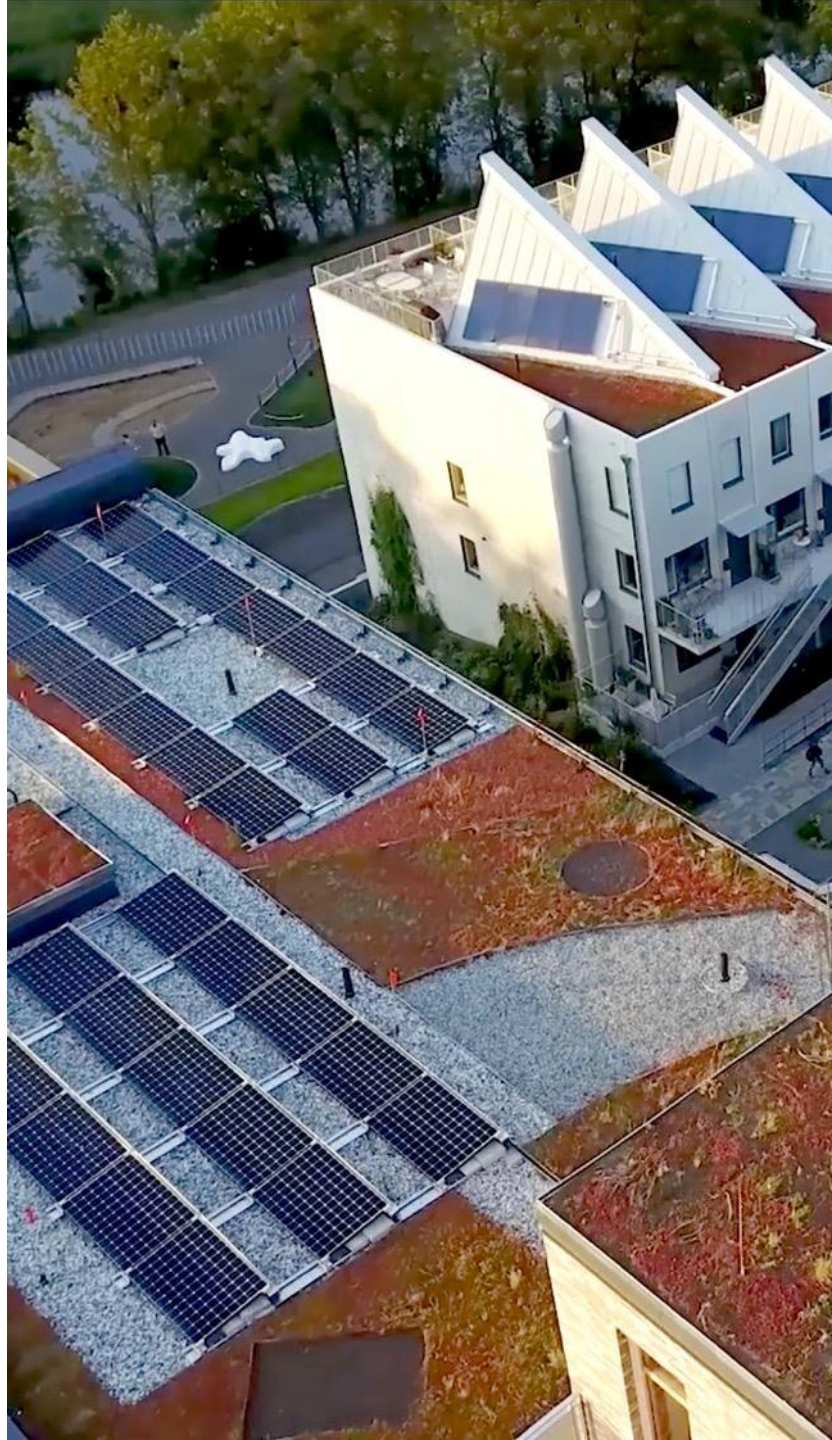


Waste management





Energy and Climate



Sun, wind and water at the terminal

Green roofs handle stormwater and convert carbon dioxide into oxygen, creating a multifunctional space accessible to all. Solar panels provide electricity to the building and terminal walkways. Seawater and solar energy can be used for both heating and cooling.



Värtaverket



BECCS



Här fångas in koldioxid atmosfären

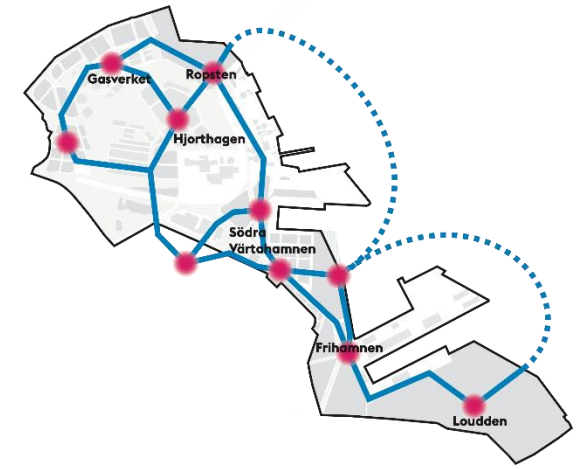
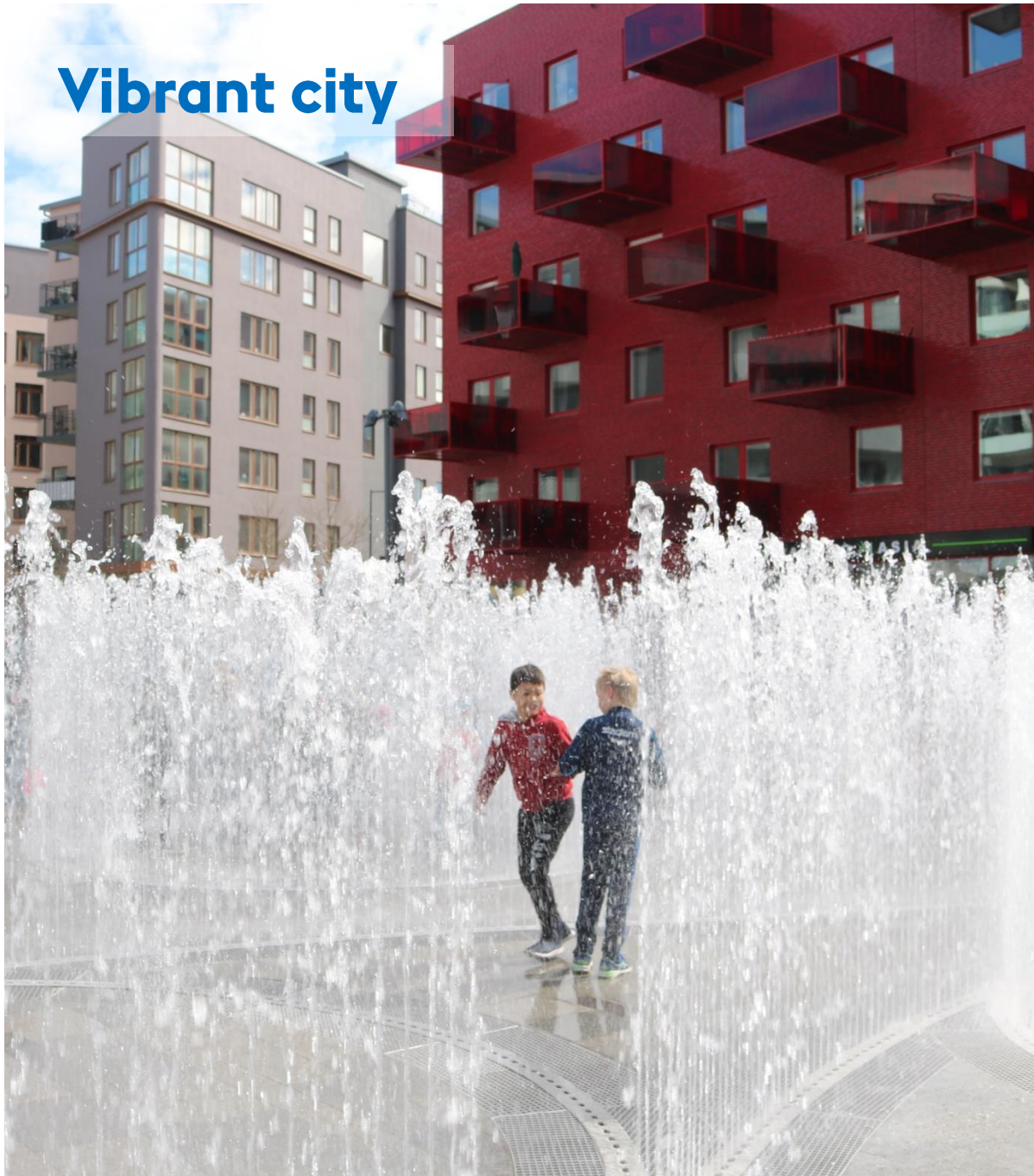
Det här är vår testanläggning för att fånga in koldioxid. En fullt utbyggd anläggning som tillsammans med geologisk lagring skulle kunna fånga in potential och skulle under en period fånga in 800 000 ton koldioxid, vilket motsvarar utsläppen från all biltrafik i Stockholm.

stockholmexergi.se/minusutslapp
#bioCCS #BECCS

 Energimyndigheten

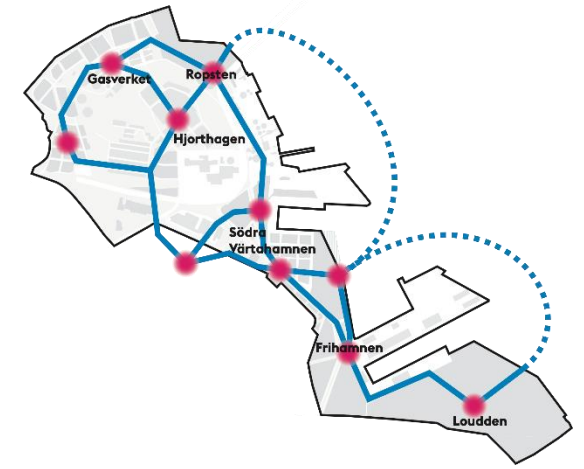


Vibrant city



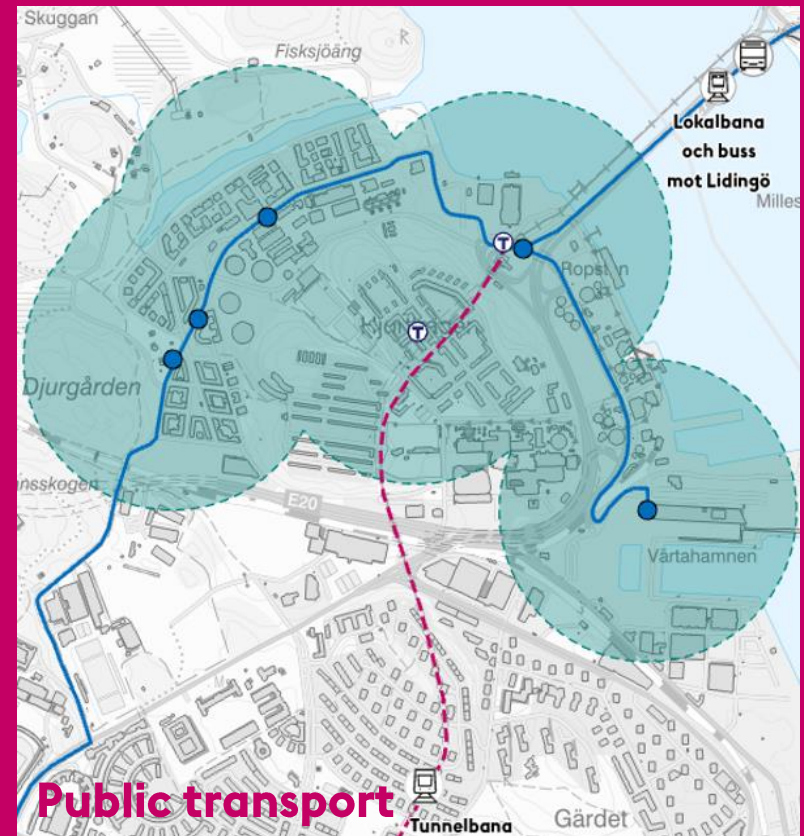
So far we have built:

- ✓ **3 160 dwellings, 52% rental apartments,**
8% student accommodations.
- ✓ **4 squares, 11 parks and playgrounds**
1 elementary school, 10 preschools,
1 sports hall, 1 library
- ✓ **8 buildings** in Gasverket have been
transformed and given new life and
purpose.



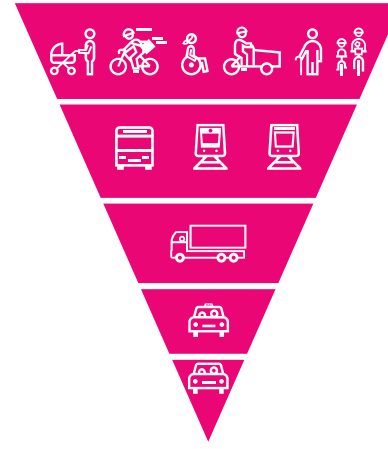
“The 5-minute city”

Accessibility & proximity, traffic hierarchy, multifunctional streets



Key figures:

- ✓ **8 000 bicycle spaces** and 1 900 car parking for 7 000 residents.
- ✓ **The area is served by metro, several bus lines, and electric commuter ferry**



Participation & learning



✓ **4 400 community builders**
have participated in capacity building
development

✓ Around 40 research, development, and
innovation projects have been conducted.
About **10 are ongoing in areas
such as citizen engagement
and positive energy districts.**

✓ **50 000 study visitors**
from 120 countries have visited the
project. 4 250 study visitors i 220 groups
visited in 2022.



C40
CITIES AWARDS
2015

WINNER

Följ utvecklingen

stockholm.se/norradjurgardsstaden



Norra Djurgårdsstaden :



Royal Seaport



www.norradjurgardsstaden2030.se