



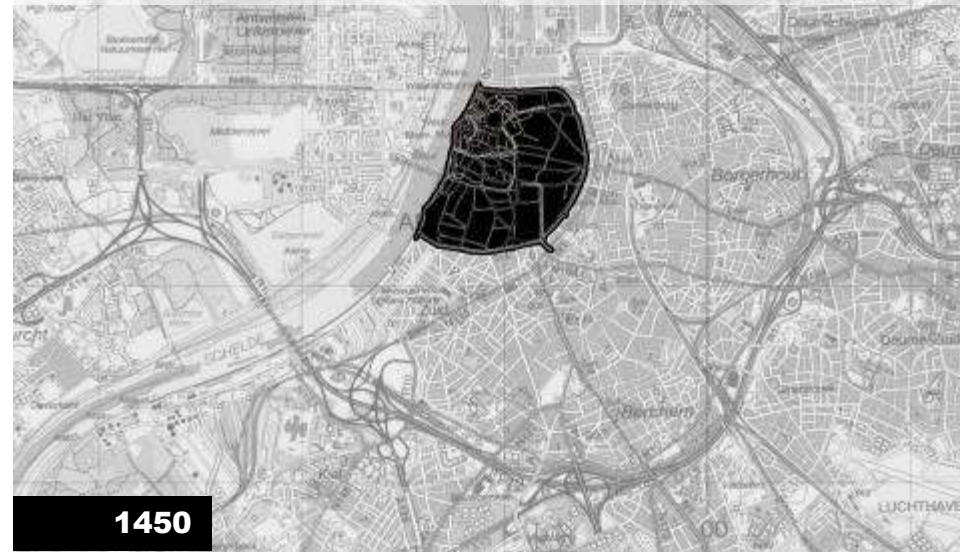
The Antwerp Waterfront Projects and the Quays Masterplan

28.11.2019 - EFFORTS Annual Congress 'Fortified Heritage and Water'

Location



The quays: 2000 years of history and the city's origin



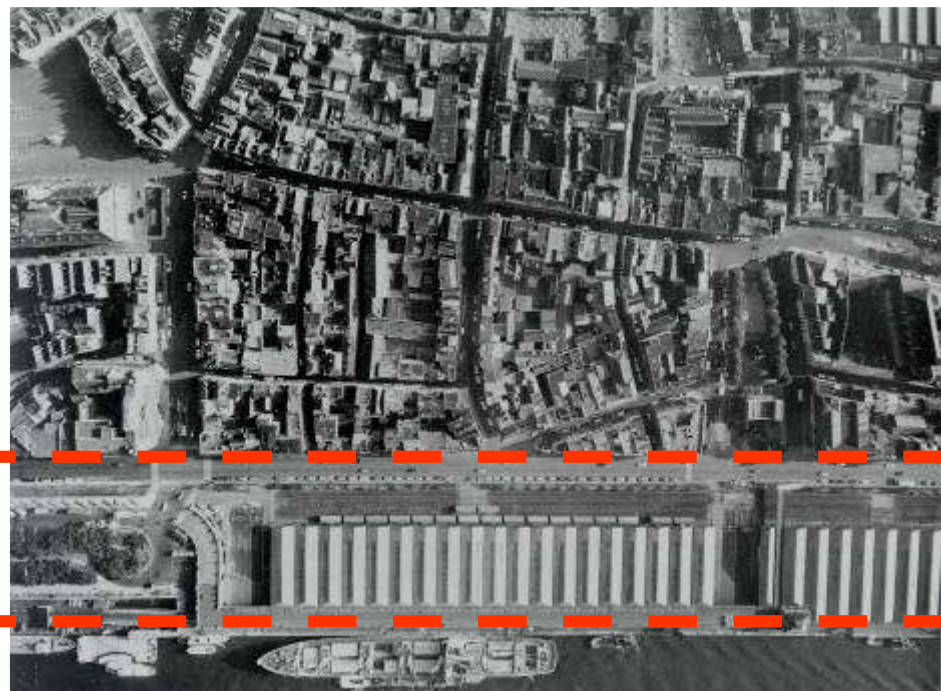
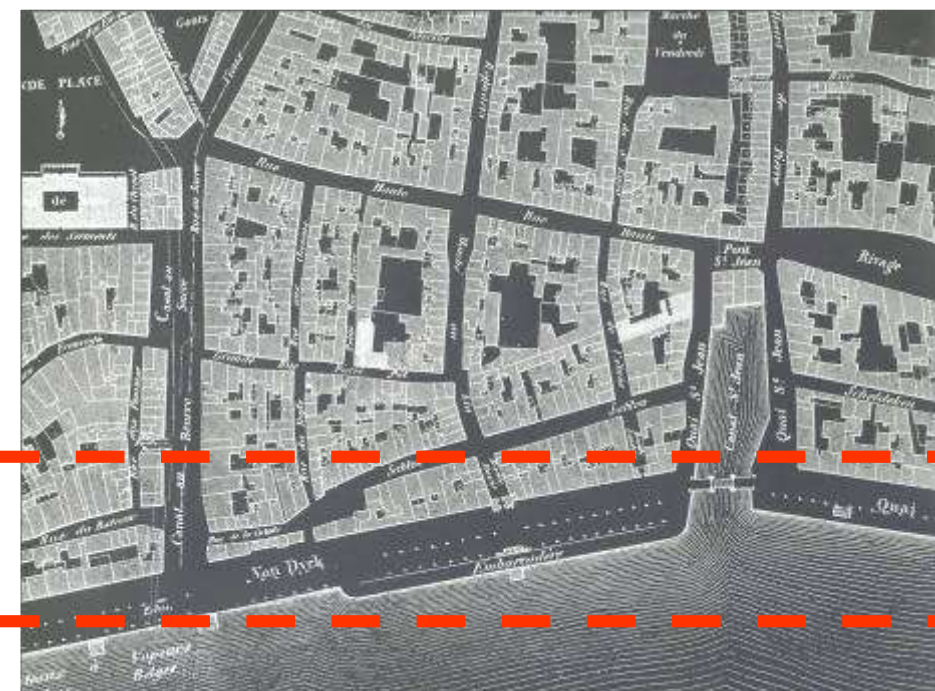
The Antwerp waterfront in the 16th - 18th century



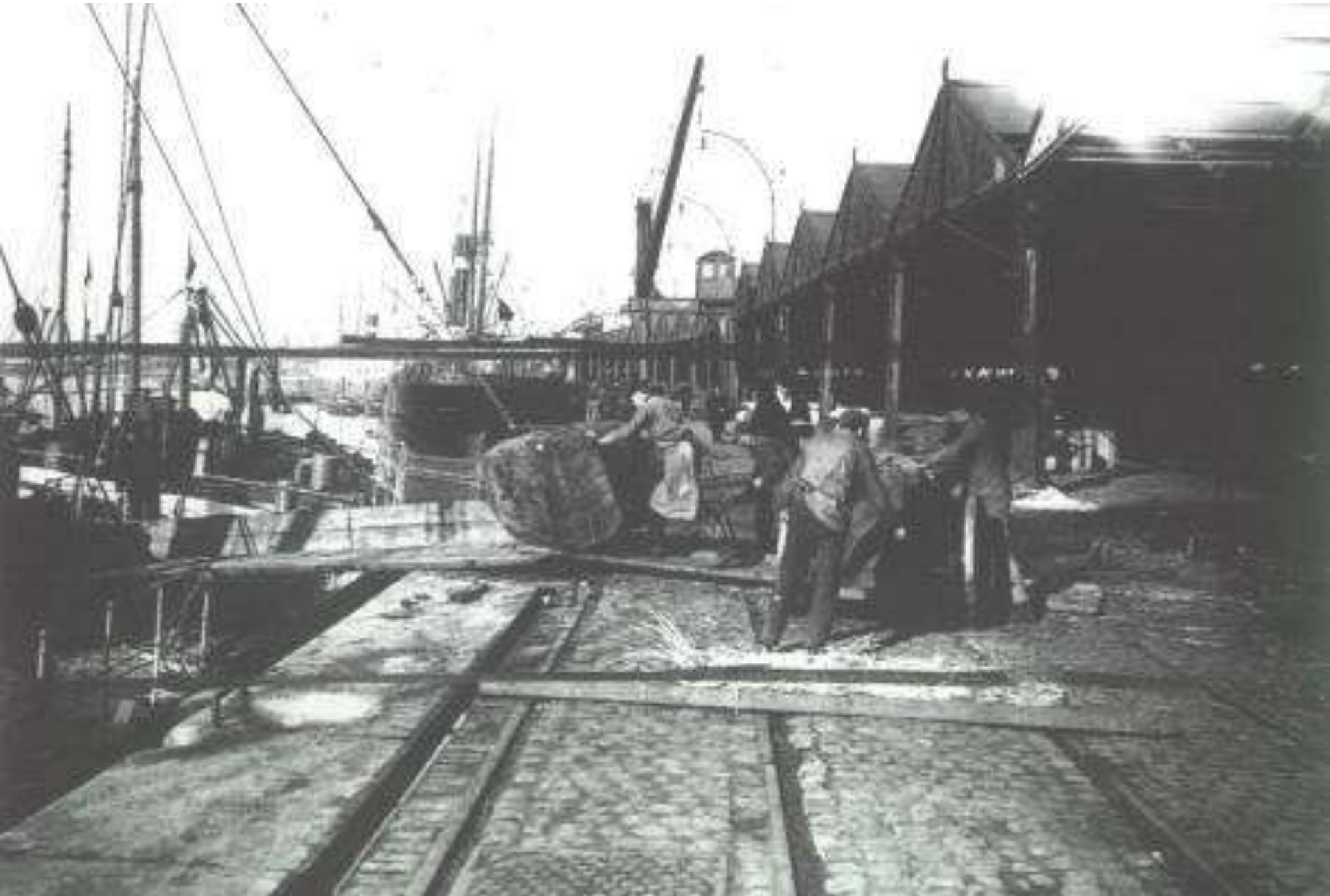
First straightening by Napoleon Bonaparte (ca. 1803)



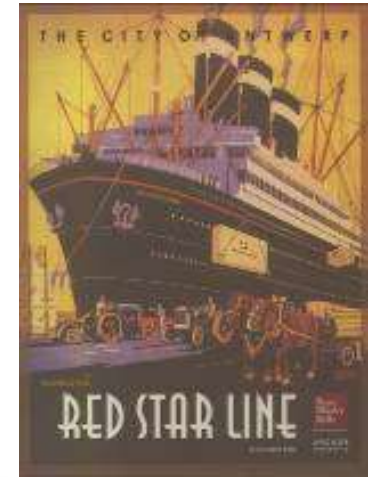
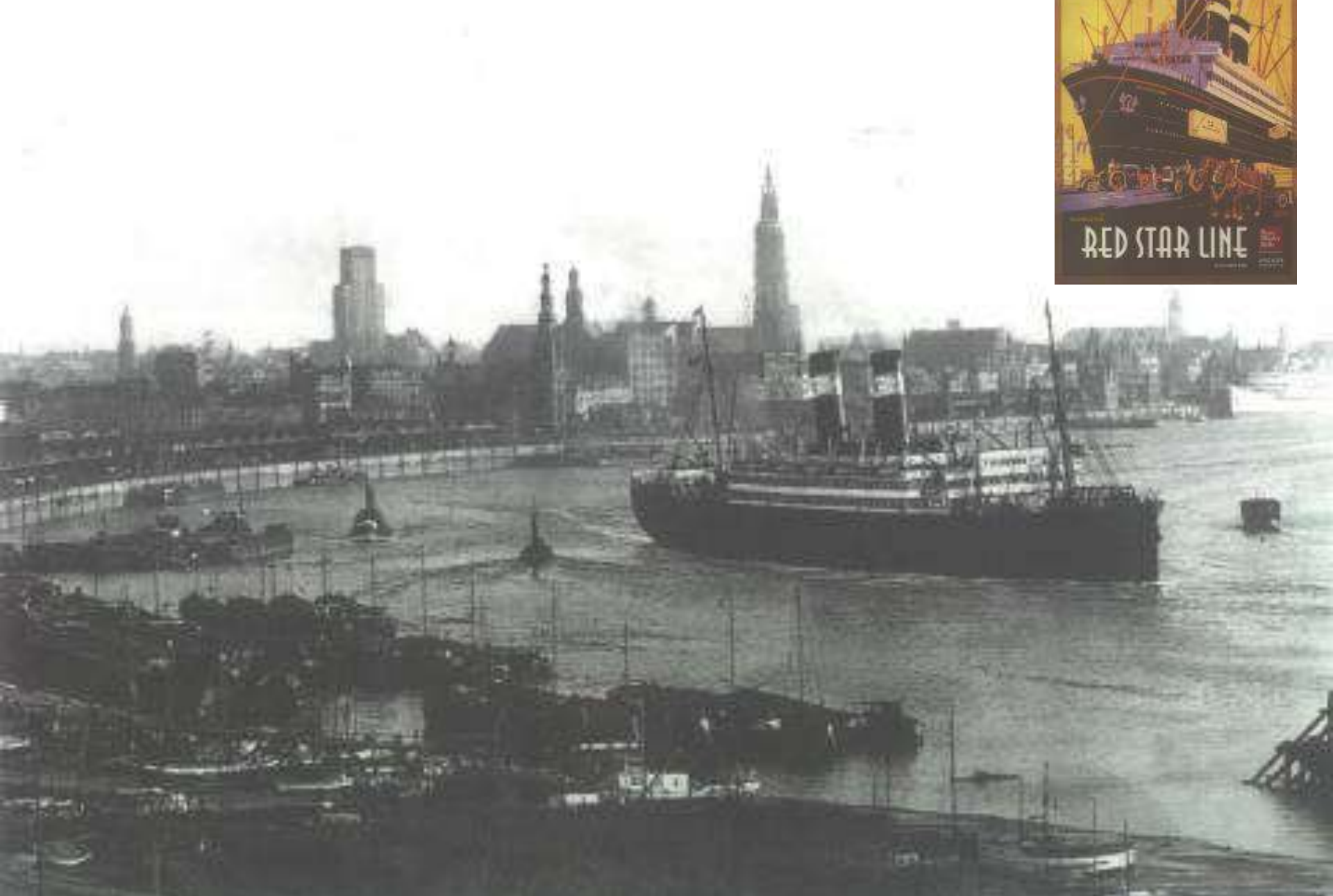
Second straightening of the quays (1877-1887)



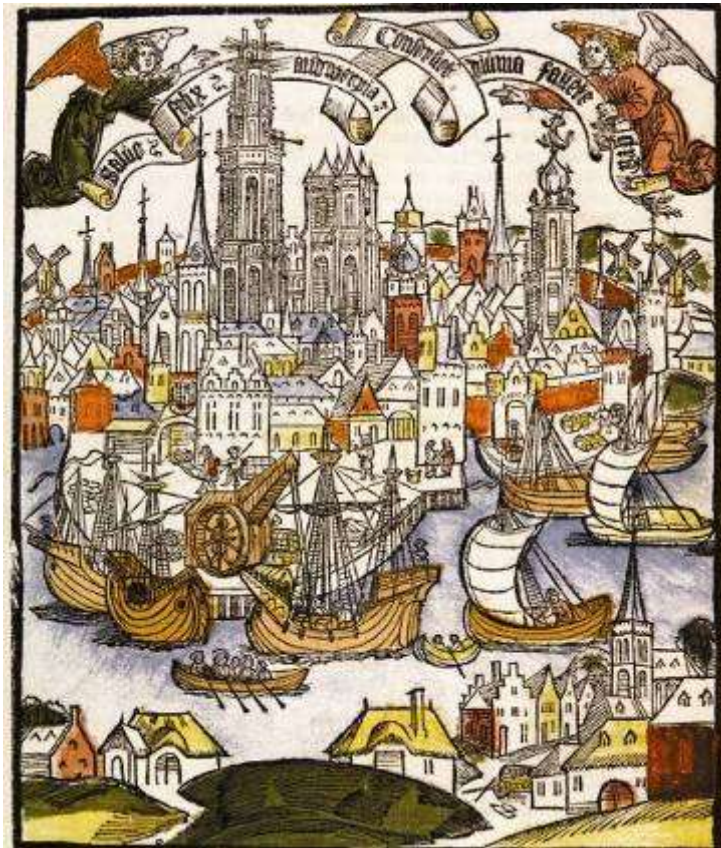
The industrial port



A modern harbour



City and harbour











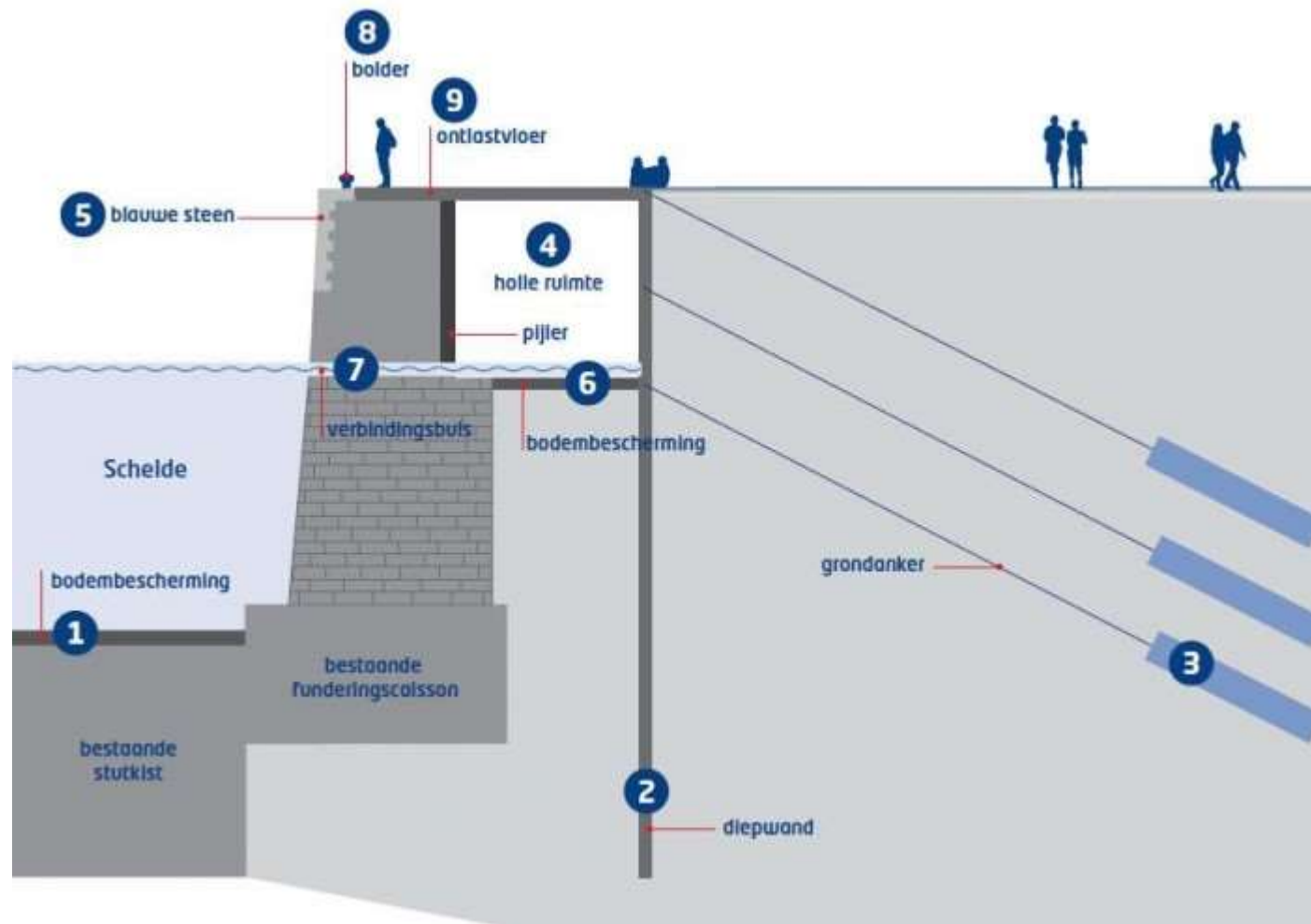
Medio 2000: a triple cause to start the project Scheldt quays



1. Instability of the quay walls



1. Instability of the quay walls



2. Raising the flood protection barrier



2. Raising the flood protection barrier



3. Renewal of the public domain

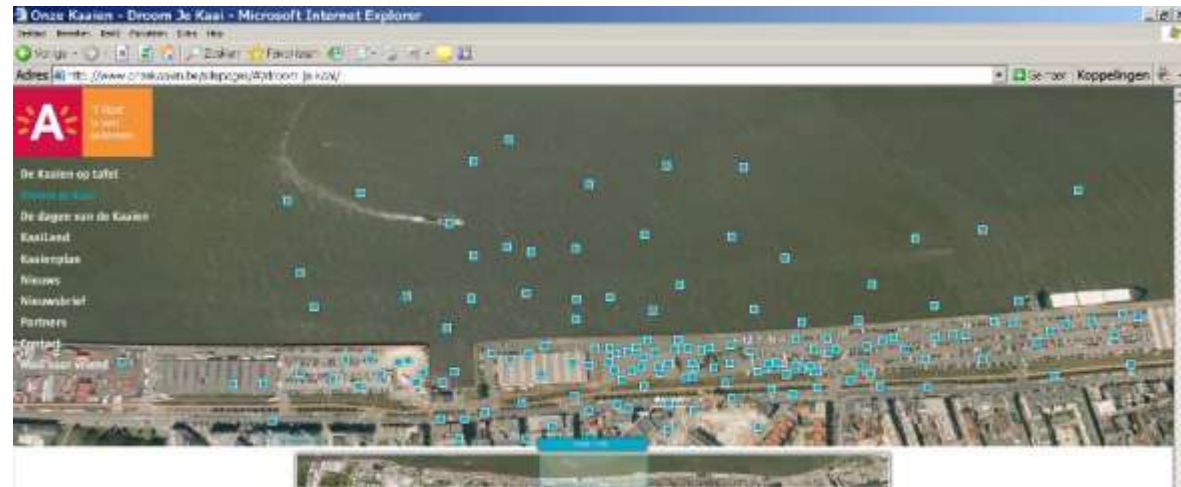


2007-2010: design of the masterplan Scheldt Quays

- joint initiative by Flanders (De Vlaamse Waterweg) & city of Antwerp
- design by team Proap + WIT + D-Recta + Idroesse
- along with an intensive communication- and participation trajectory



de Kaaien op Tafel (*The Quays on the table*)
– 97 roundtables, 800 participants during 1 week



Droom je Kaai (*Dream your quays*)
– 300 online posts

Results of 'Quays on the table'

543 motivated recommendations to the design team

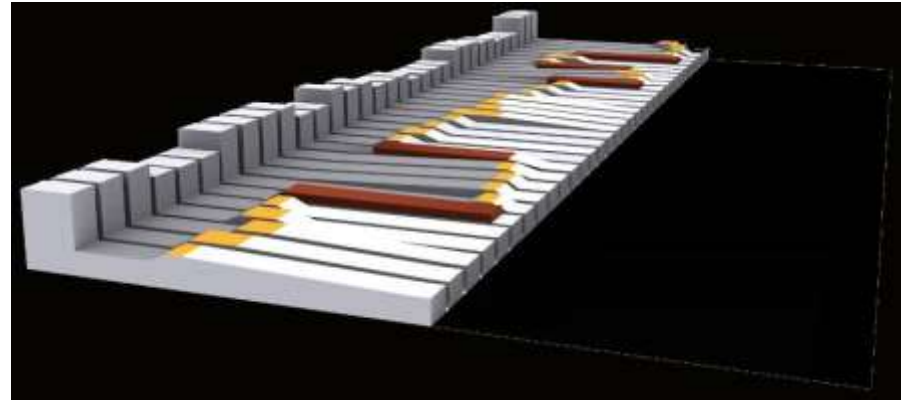
- Meaning of the Quays (50)
- Use of the Quays (130)
- Bond with the river (111)
- Mobility (151)
- **Historical heritage (101)**
 - re-use (31)
 - conservation (61)
 - modern heritage (6)



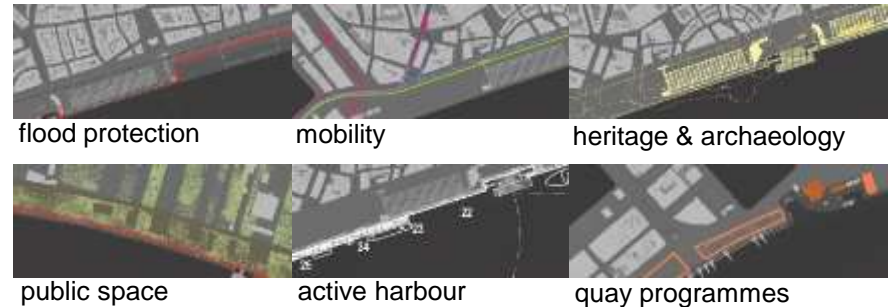
aantal achterliggende antwerpen archeologie archeologische beeld
behoud behouden bestaande bewaren
blauwe blijven bv deel elementen
'blue stone quay wall
erfgoed functie gebruikt geven
heritage
hangars haven hekken heraanleg
hangars
historisch historische industrieel
historical industrial
kasaan kasaan karakter kasseien
integreren integrate quays
kranen laten maken markt moderne museum
harbour cranes
nieuwe noorderterras ontwerp oude restaureren
schelde scheldekaaien sfeer stad steen t140
castle 'Het Steen'
verleden vroeger zoals
the past

2010: masterplan Scheldt Quays

new flow protection as a device
located near the river or near the city
and in various forms (dike, wall, mobile)



6 spatial guidelines
an overall spatial frame for the total quay length



7 quay zones
reflecting the character of adjacent neighbourhoods

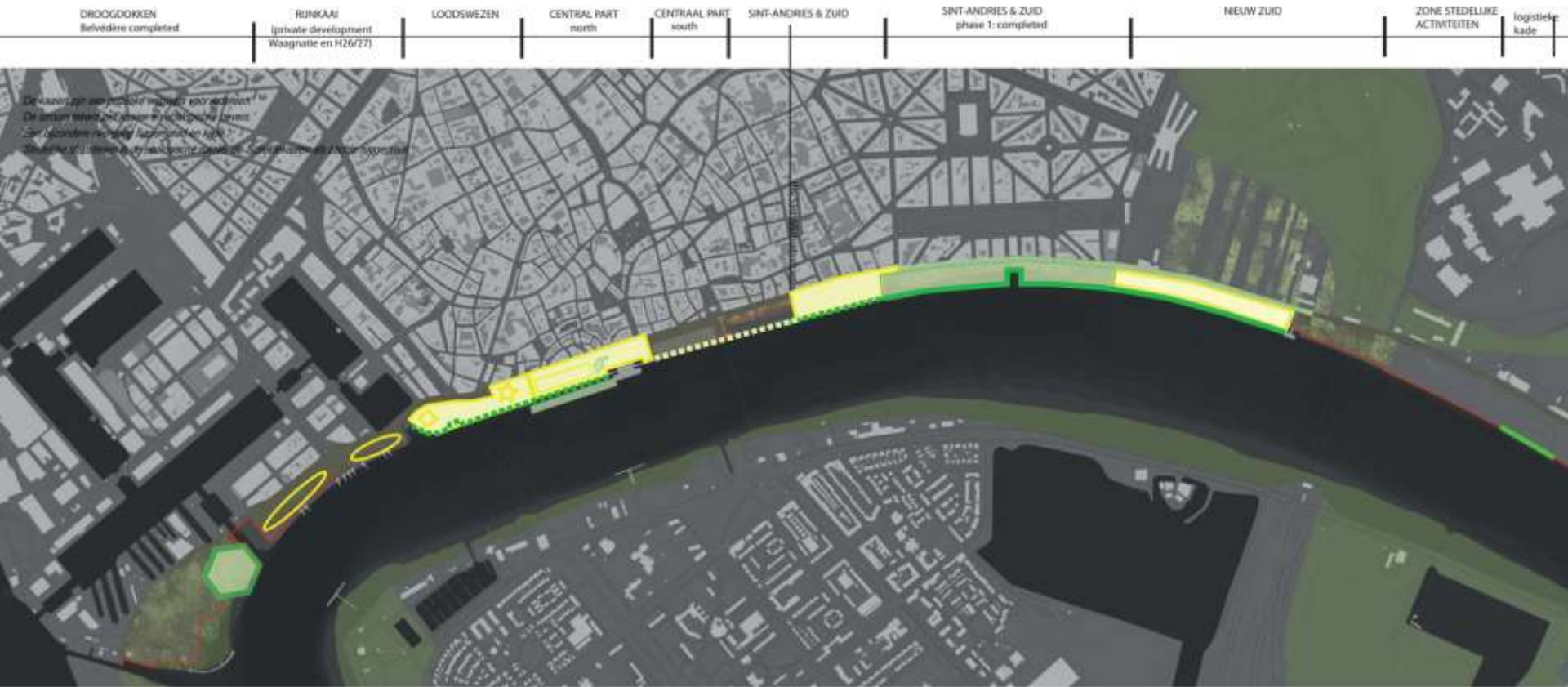


Read more on the masterplan Scheldekaaien? in the booklet *Between City and River*

(download via www.onzekaaien.be or www.agvespa.be/projecten/scheldekaaien#downloads)



Today: ongoing renewal of Scheldt Quays



Opportunities to make history visible

by integration of canals 'de Vlieten', walls, the medieval Burcht zone, towers, ...

Droogdokken-island

- former dikes and locks

Rijnkaai

- Spanish fortification Kattenberg
- 3 new canals 'Vlieten' (16th C. trade in the 'Golden Century')

Loodswezen

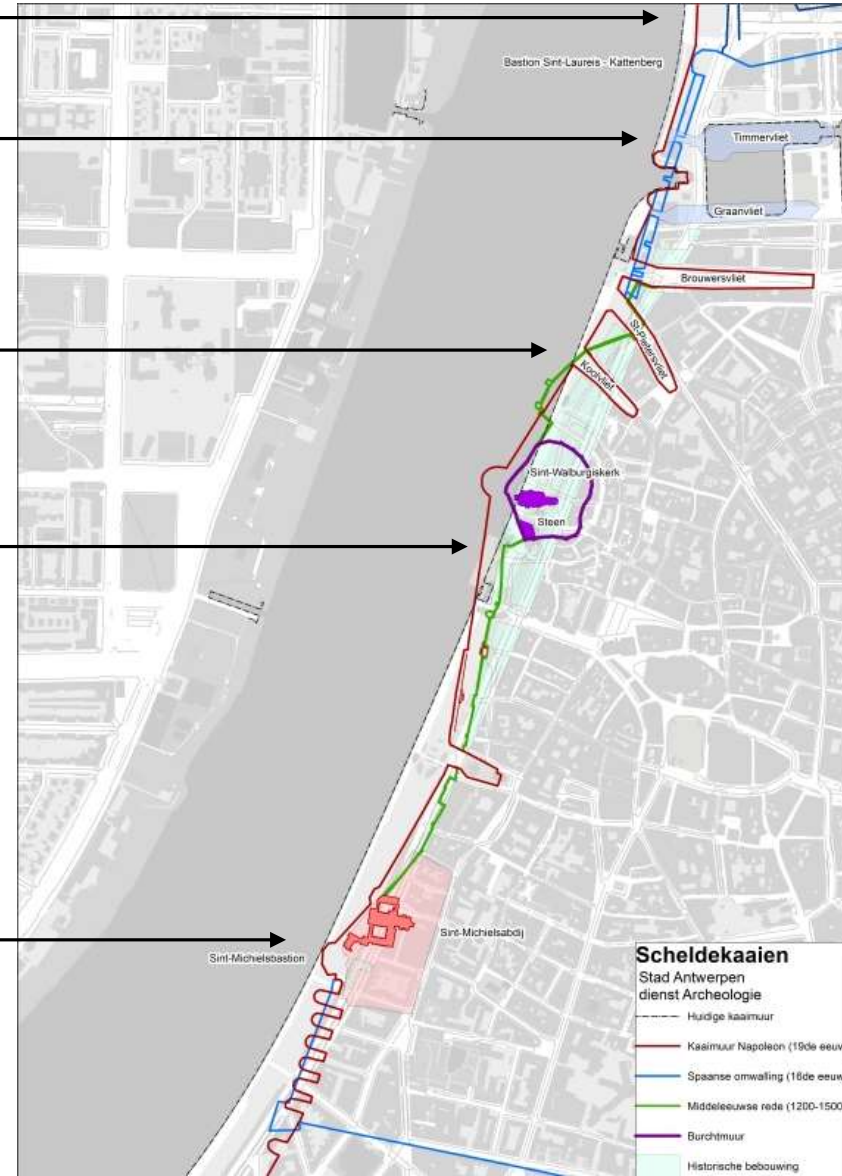
- canals 'de Vlieten' (medieval and Napoleonic trade)

Central Part

- origin of the city
- medieval life (historic urban fabric)
- faith (Sint-Walburgis church) and trade ('de Werf', the Beer Gate)
- medieval fortification (fortress 'De Burcht' and castle 'Het Steen')

Sint-Andries & Zuid

- Spanish fortification (Sint-Michielsbastion)
- faith (Sint-Michiels abbey)
- Napoleonic military infrastructure (wall and wharf)



FIRST QUAY ZONES IN RENEWAL

‘DRY DOCKS’ PARK: BELVÉDÈRE realised (9/2018)

0.3



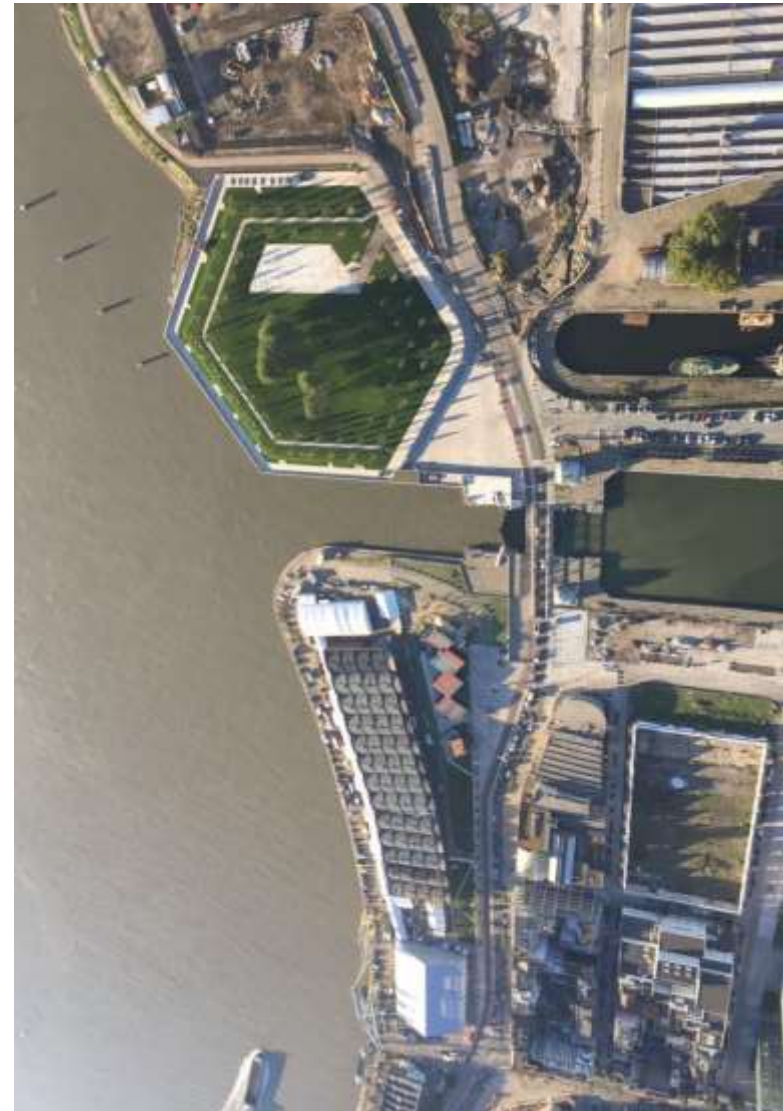
1748



1885

FIRST QUAY ZONES IN RENEWAL

'DRY DOCKS' PARK: BELVÉDÈRE realised (9/2018)



FIRST QUAY ZONES IN RENEWAL

‘DRY DOCKS’ PARK: BELVÉDÈRE: new quay wall during construction



FIRST QUAY ZONES IN RENEWAL

'DRY DOCKS' PARK: BELVÉDÈRE realised (9/2018)



FIRST QUAY ZONES IN RENEWAL

'DRY DOCKS' PARK: BELVÉDÈRE realised (9/2018)



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'DRY DOCKS' PARK: BELVÉDÈRE realised (9/2018)



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'DRY DOCKS' PARK: BELVÉDÈRE realised (9/2018)



FIRST QUAY ZONES IN RENEWAL

BELVÉDÈRE AS PART OF LARGER 'DRY DOCKS' PARK – future situation



FIRST QUAY ZONES IN RENEWAL

LOODSWEZEN (former site of harbour pilots)

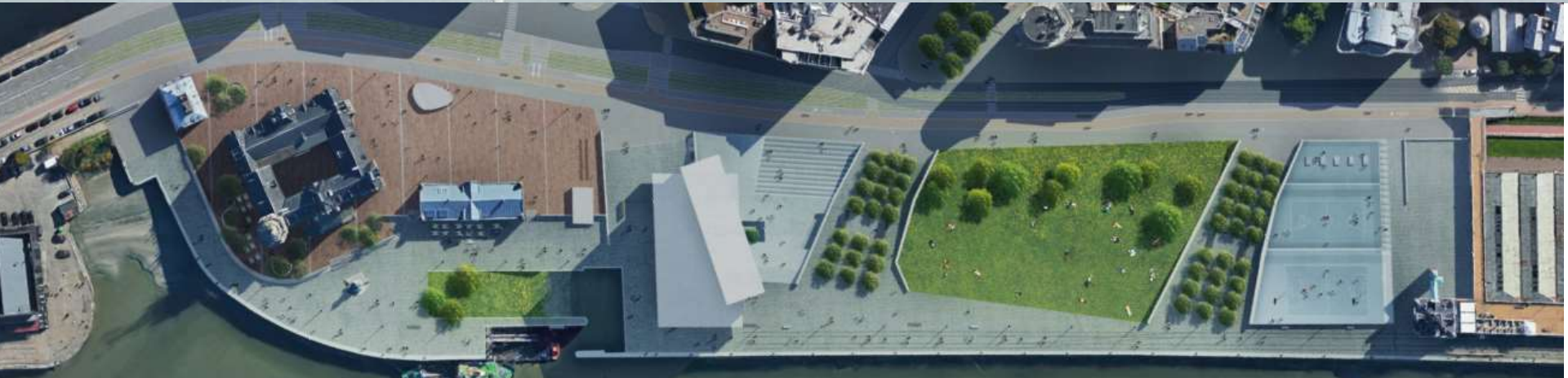


FIRST QUAY ZONES IN RENEWAL

LOODSWEZEN

ongoing design, under investigation:
possibilities to visualize the old harbour canals 'Vlieten'
in the new public domain?





FIRST QUAY ZONES IN RENEWAL

CENTRAL PART



FIRST QUAY ZONES IN RENEWAL

CENTRAL PART

currently under construction (2018-2020):

quay wall stabilisation / new cruise pontoon / renovation of 'Het Steen' to visitors and experience center

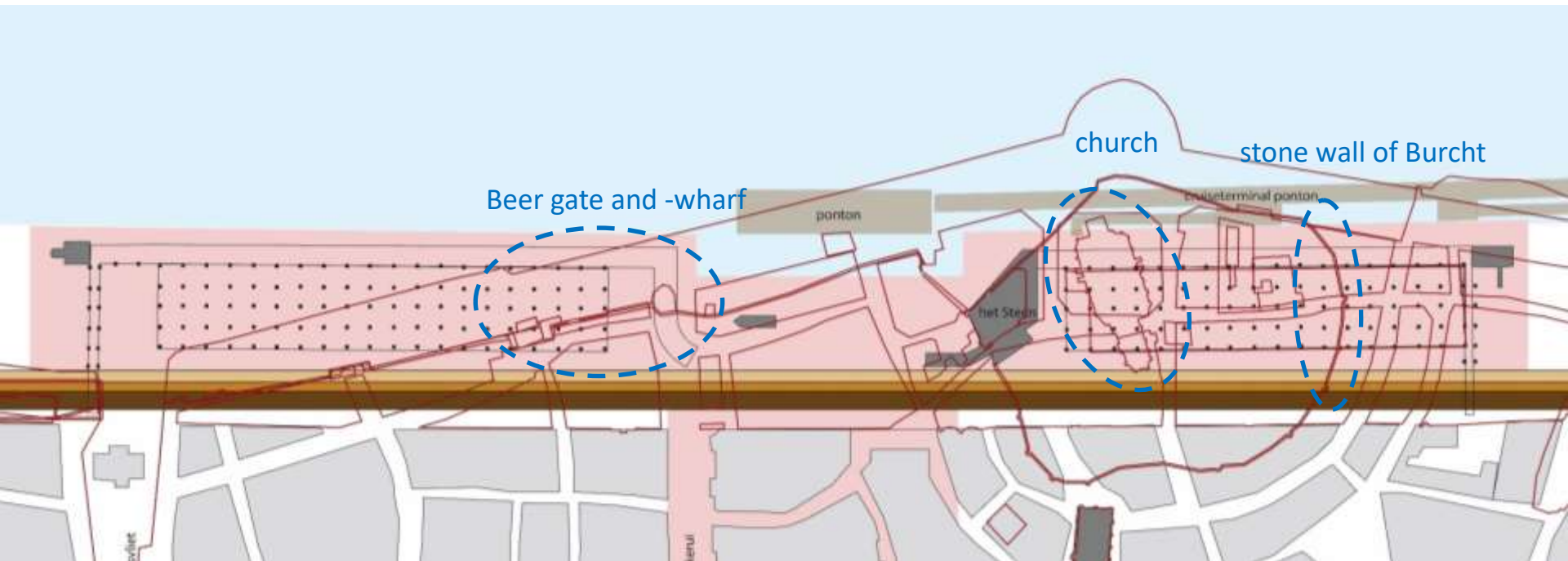


FIRST QUAY ZONES IN RENEWAL

CENTRAL PART

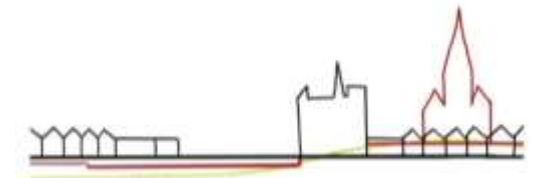
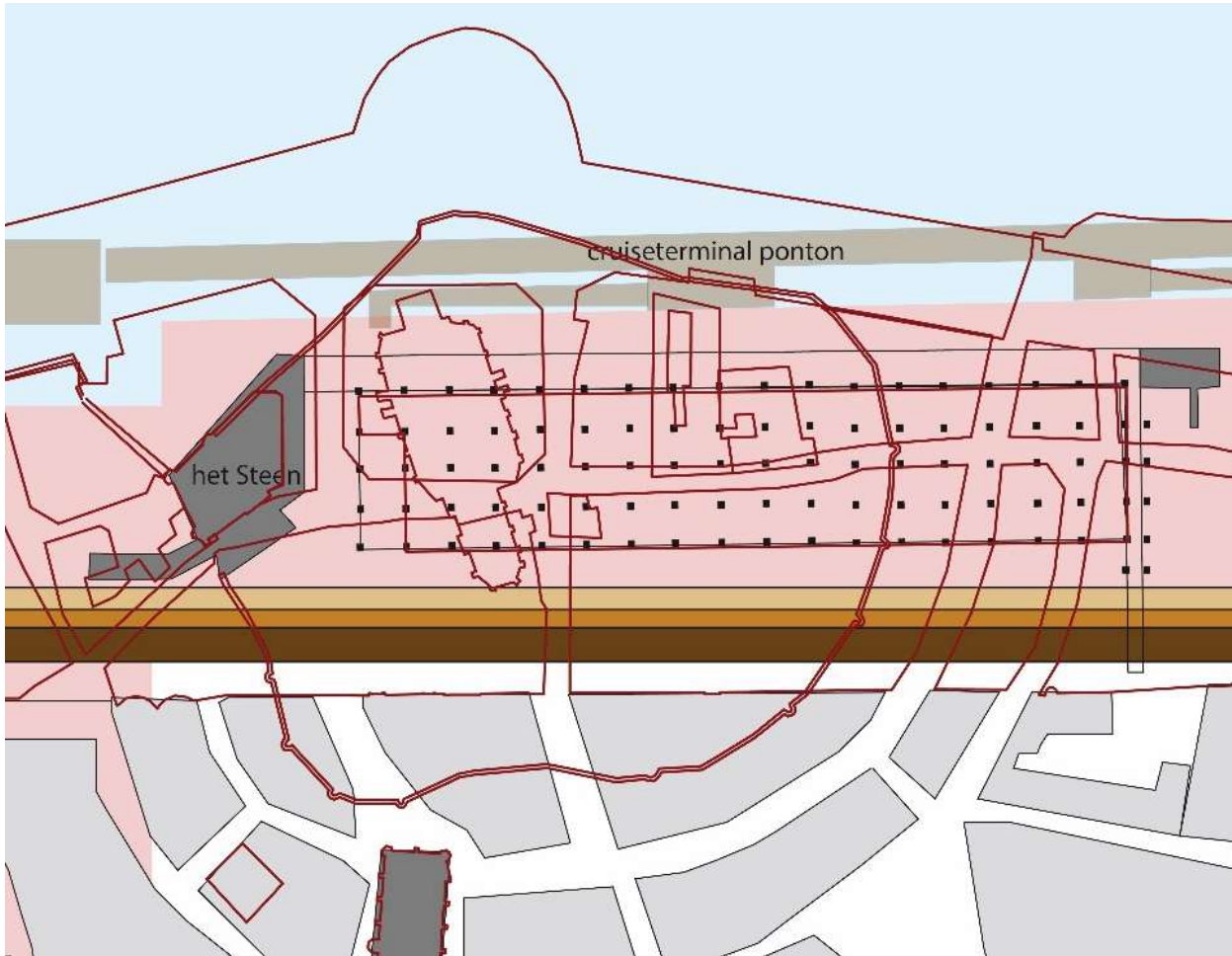
ongoing design, under investigation:

possibilities to visualize the medieval city in the new public domain?
(Beer gate and -wharf, St. Walburgis church, stone wall Burcht, street patterns)

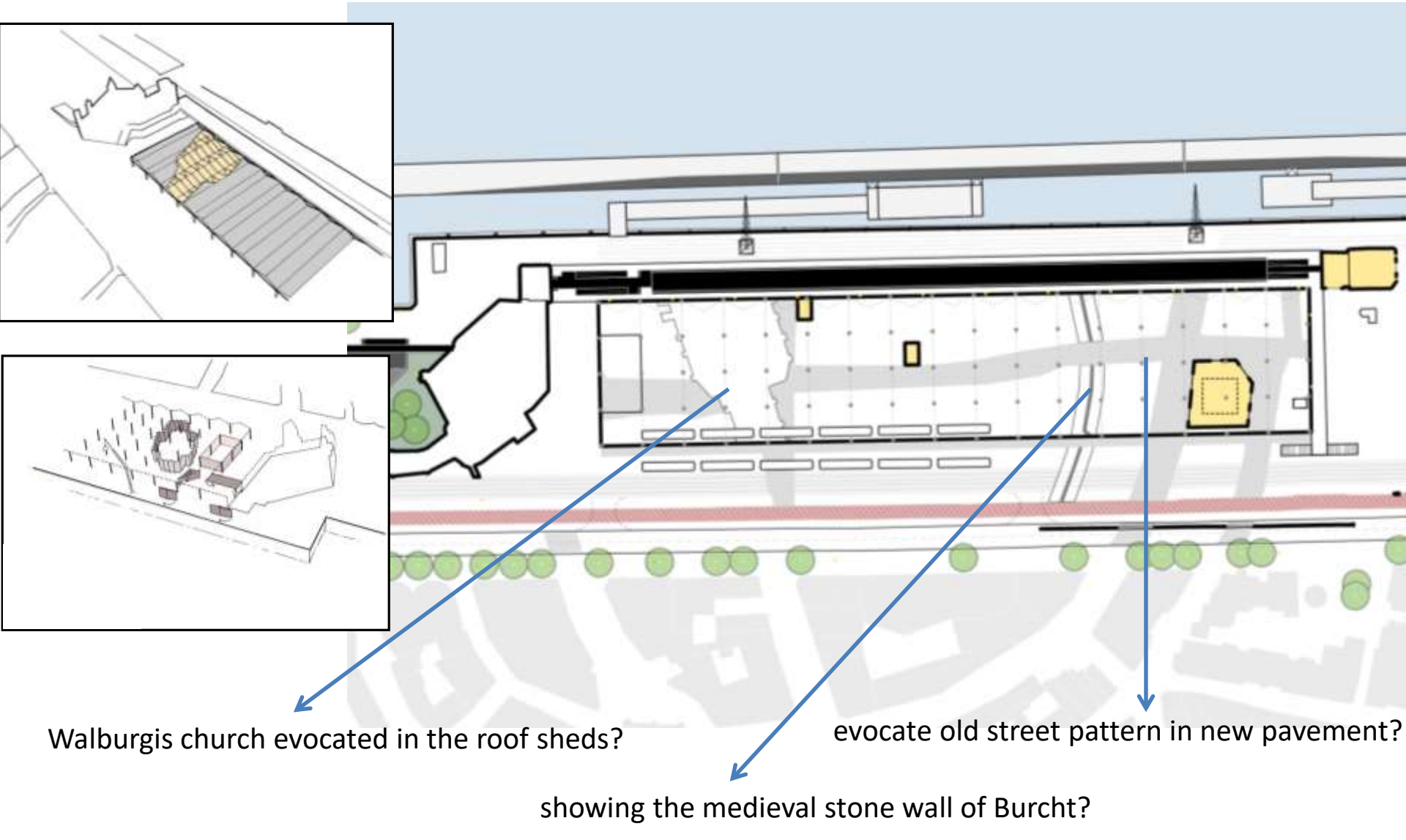


CENTRAL PART – north of 'Het Steen'

(St. Walburgis church, stone wall Burcht, medieval urban fabric)

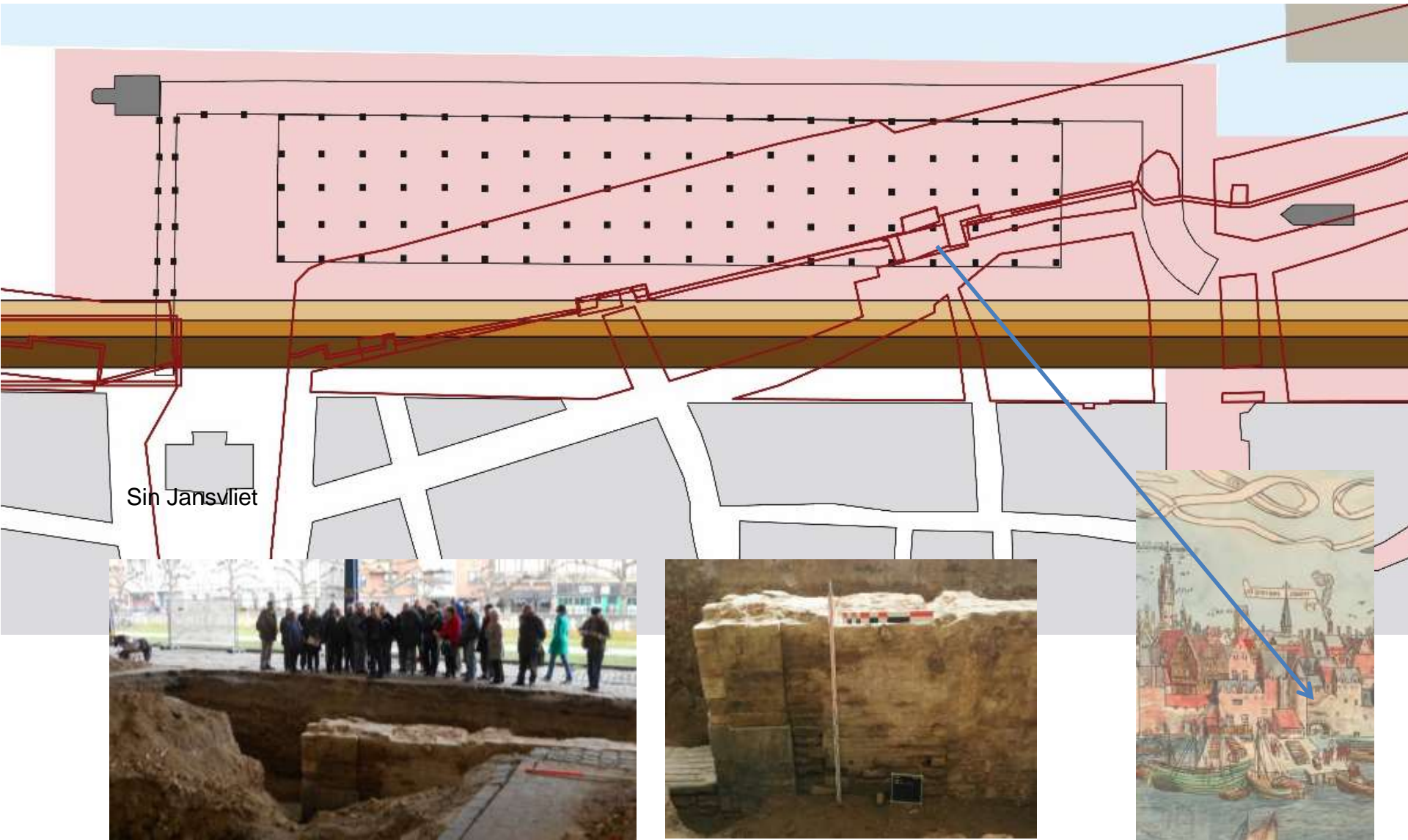


CENTRAL PART – north of 'Het Steen'

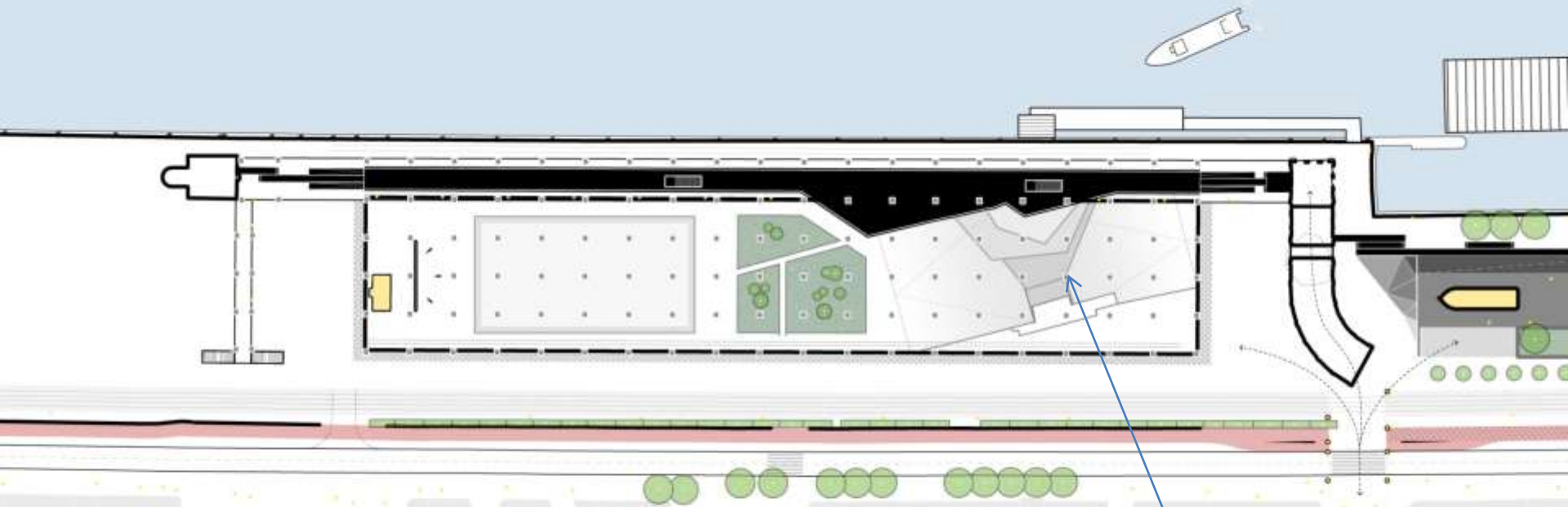


CENTRAL PART – south of 'Het Steen'

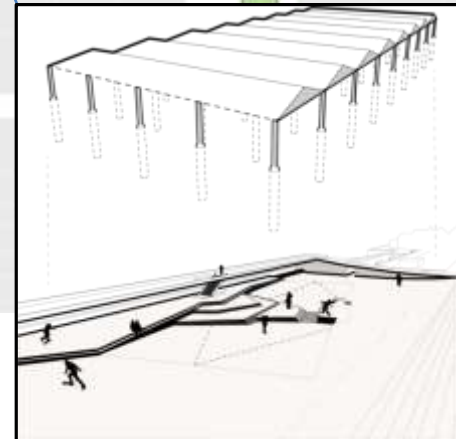
(Beer gate and -wharf, Napoleonic and medieval quay wall)



CENTRAL PART – south of 'Het Steen'



evocate/show Napoleonic wall and Beer wharf in a lowered public domain, to be used as a little amfitheatre underneath the sheds?



CENTRAL PART south of 'Het Steen' / SINT-ANDRIES & SOUTH phase 2

ongoing design, under investigation:

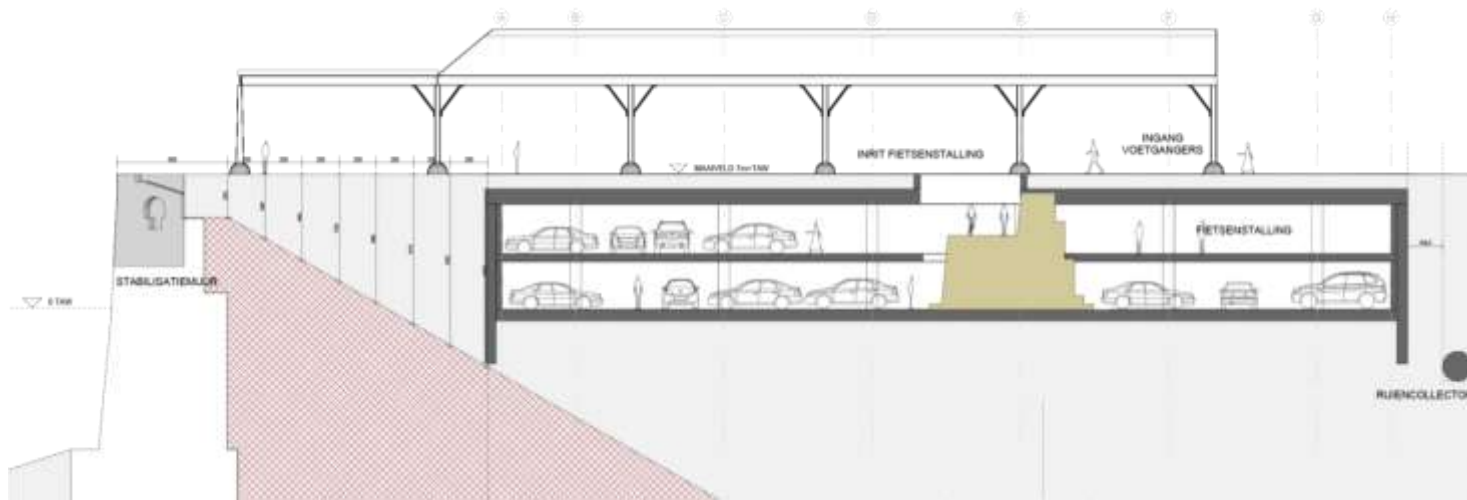
possibilities to integrate former Napoleonic quay wall in the underground parking?



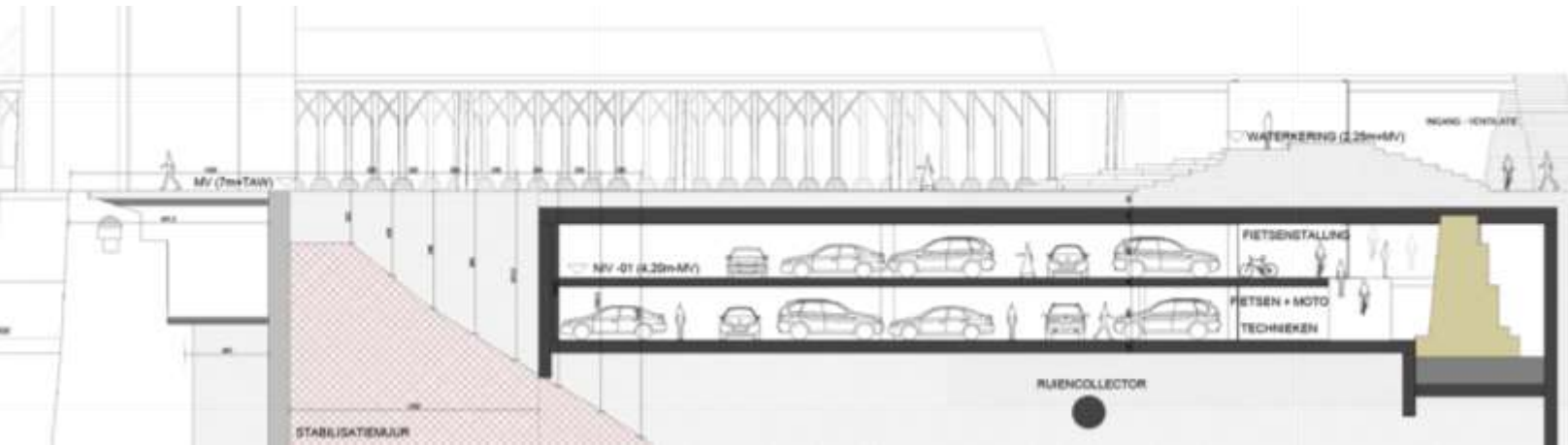
CENTRAL PART south of 'Het Steen' / SINT-ANDRIES & SOUTH phase 2

ongoing design, under investigation:

possibilities to integrate former Napoleonic quay wall in the underground parking?



Scenario 2



Scenario 3

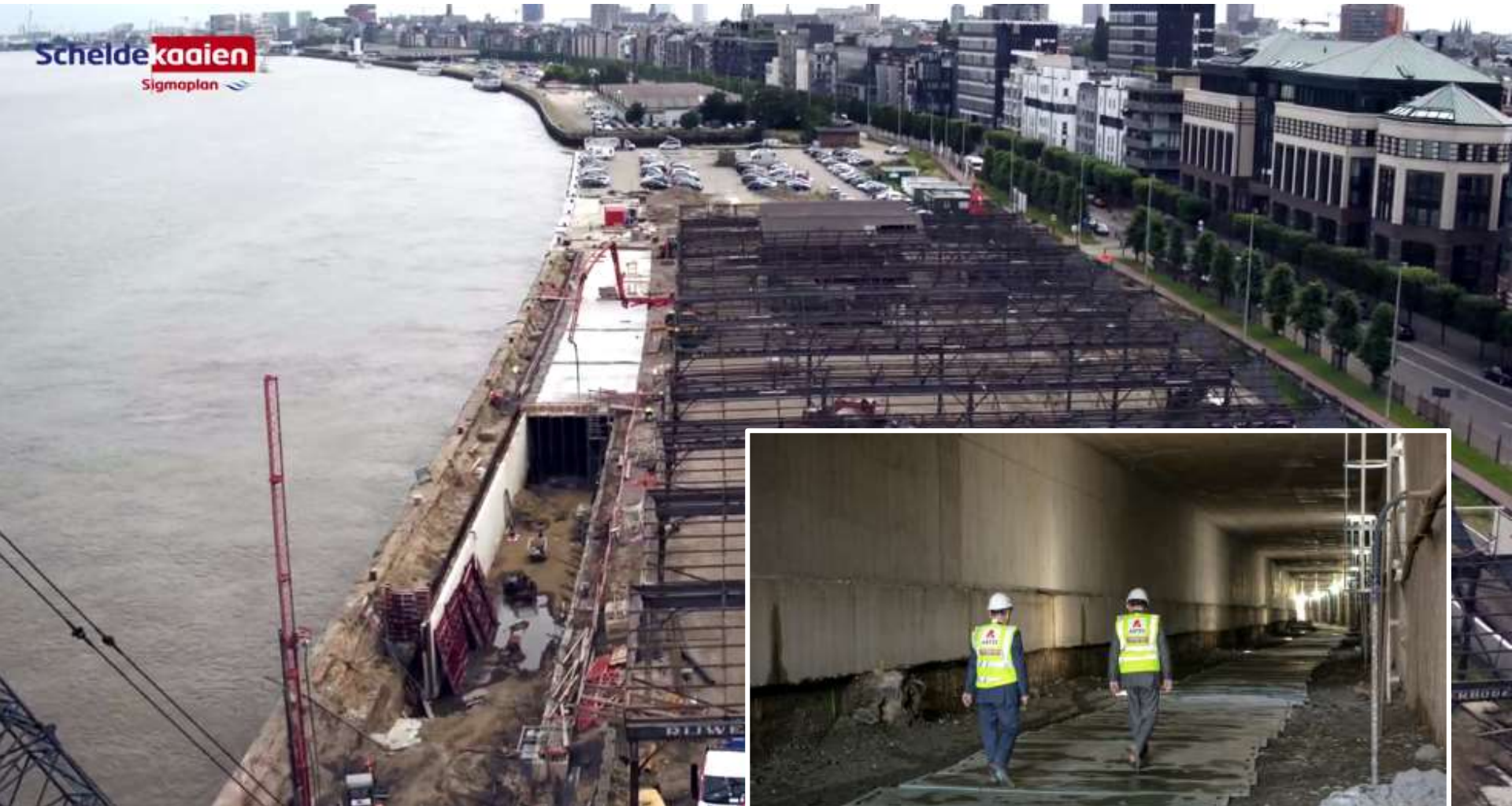
FIRST QUAY ZONES IN RENEWAL

SINT-ANDRIES & SOUTH



FIRST QUAY ZONES IN RENEWAL

SINT-ANDRIES & SOUTH phase 1 – stabilisation of quay walls



quay wall is stabilised © Bart Gosselin

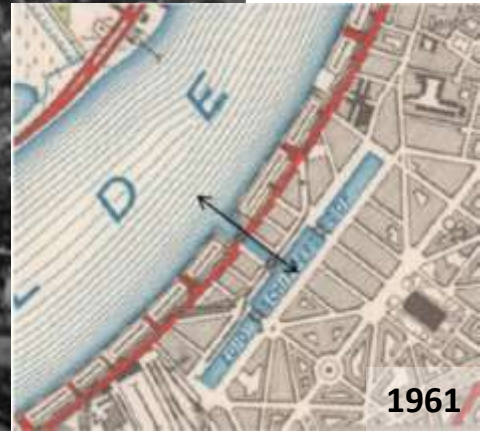
SINT-ANDRIES & SOUTH phase 1 – construction of flood barrier (wall or dike)



SINT-ANDRIES & SOUTH phase 1 – new public domain



Zuidersluis (south lock) – an ‘in-between’ site in the past;
connecting river and city



SINT-ANDRIES & SOUTH phase 1 – ‘urban beach’ at former South Lock



SINT-ANDRIES & SOUTH phase 1 – ‘urban beach’ at former South Lock

