PETROSCAPE

HYDROSCAPE

Name

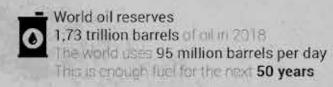
Alexander van Delft Rotterdamse Academie van Bouwkunst

Harbour Studio: Rotterdam - Marseille - Fos



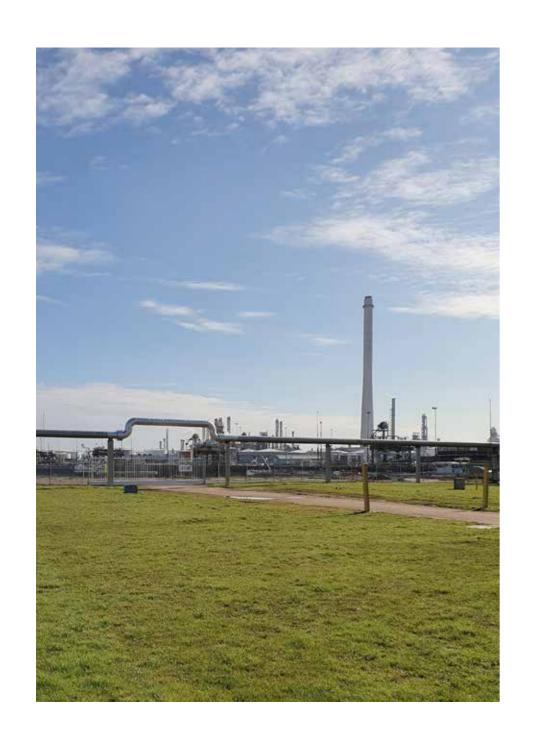
The world has about 700 oil refineries





1 Oil barrel = 159 liters 1 tonnes = 7,33 barrels 1 million tonnes = 8.450,000 barrels

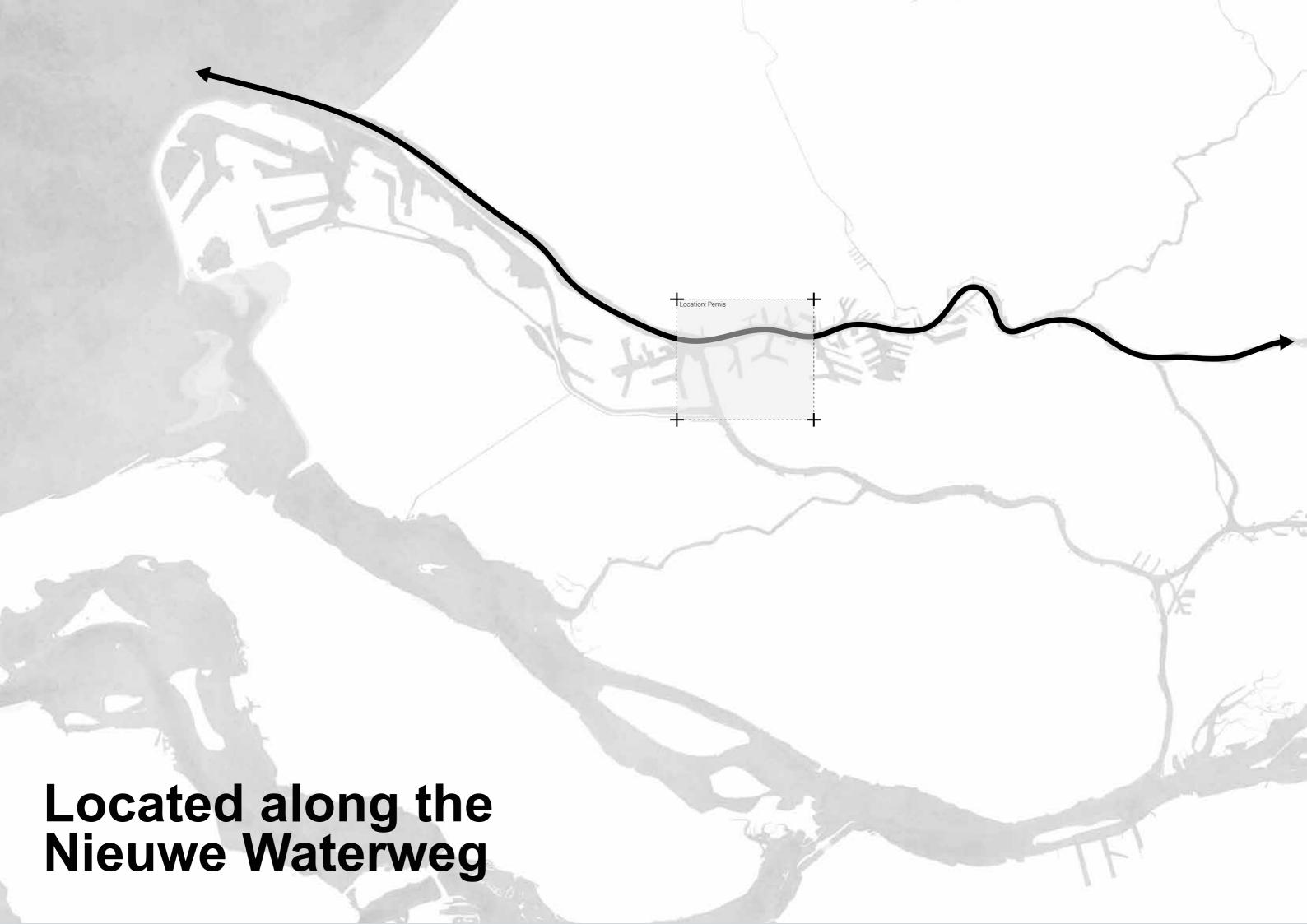
These Petroscapes are turning into wastelands

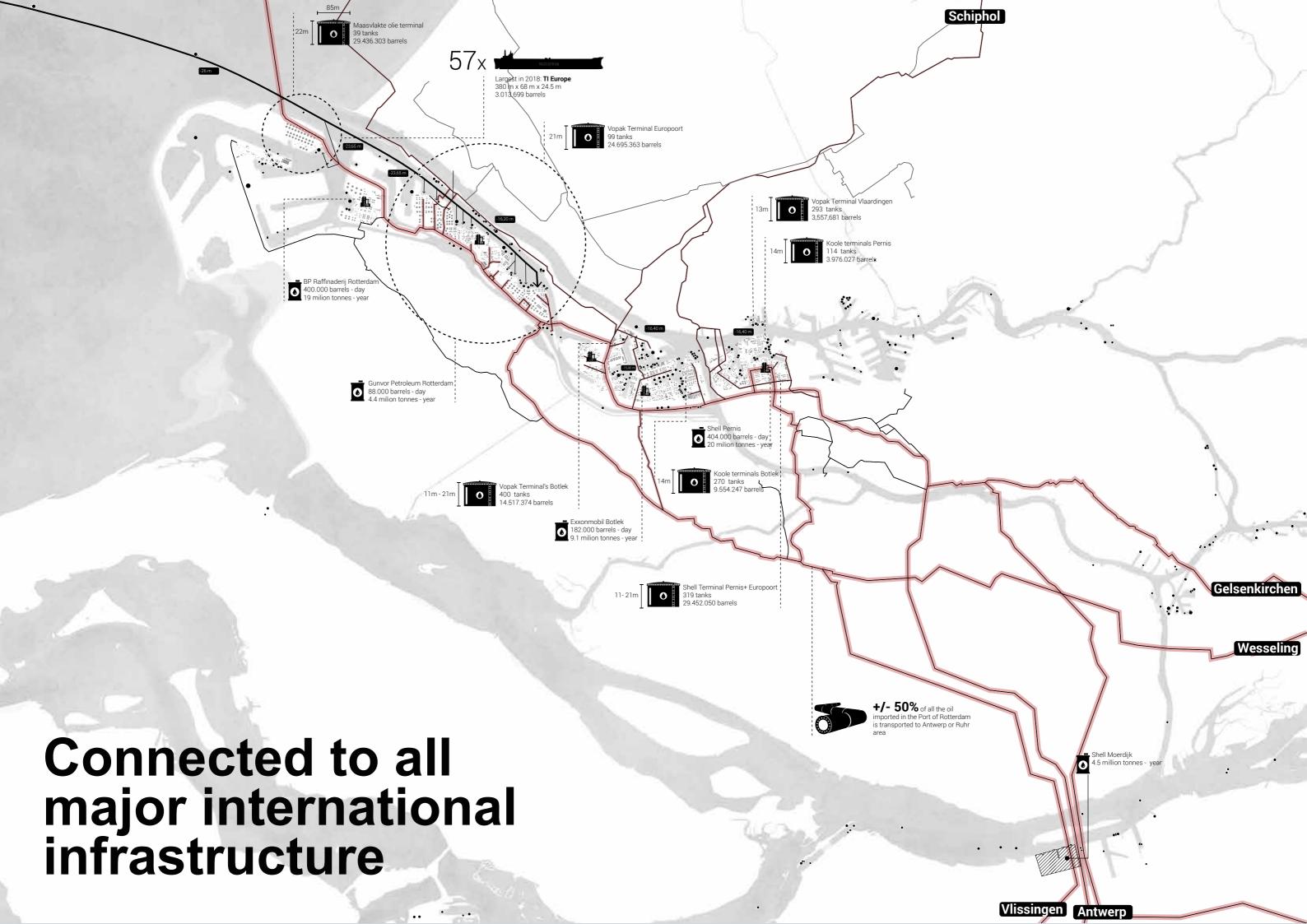












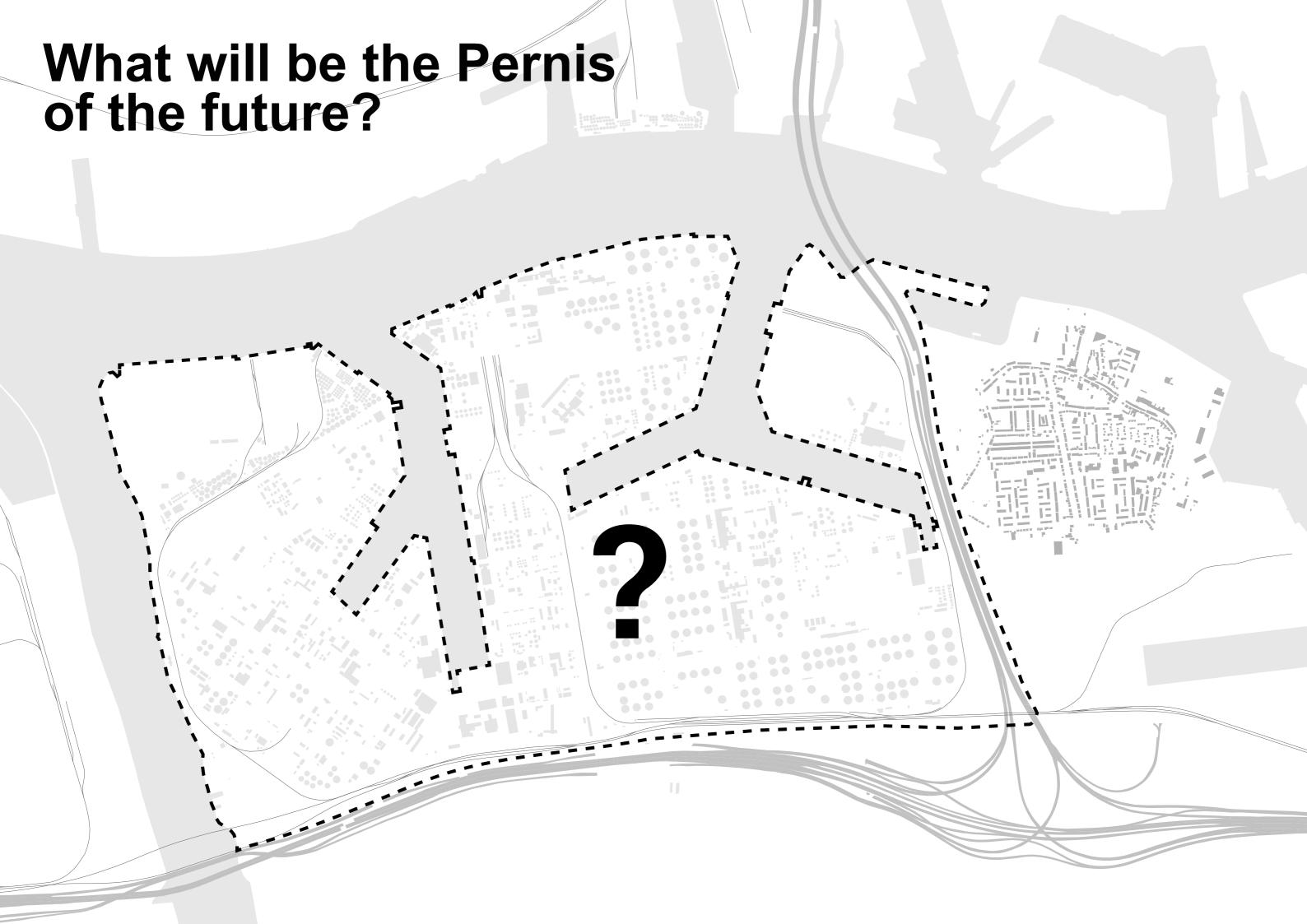
Infrastructrures that becomes abondoned





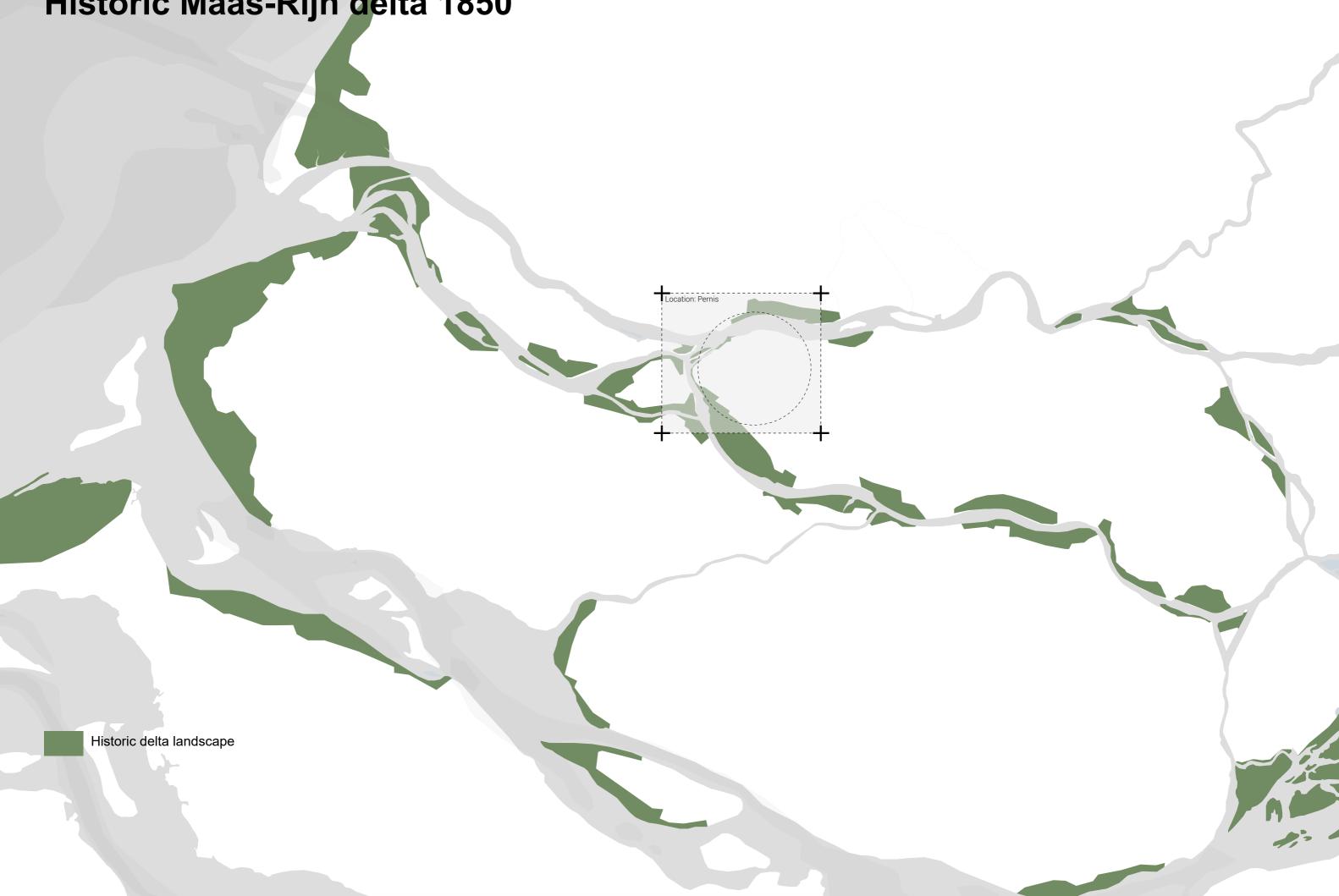




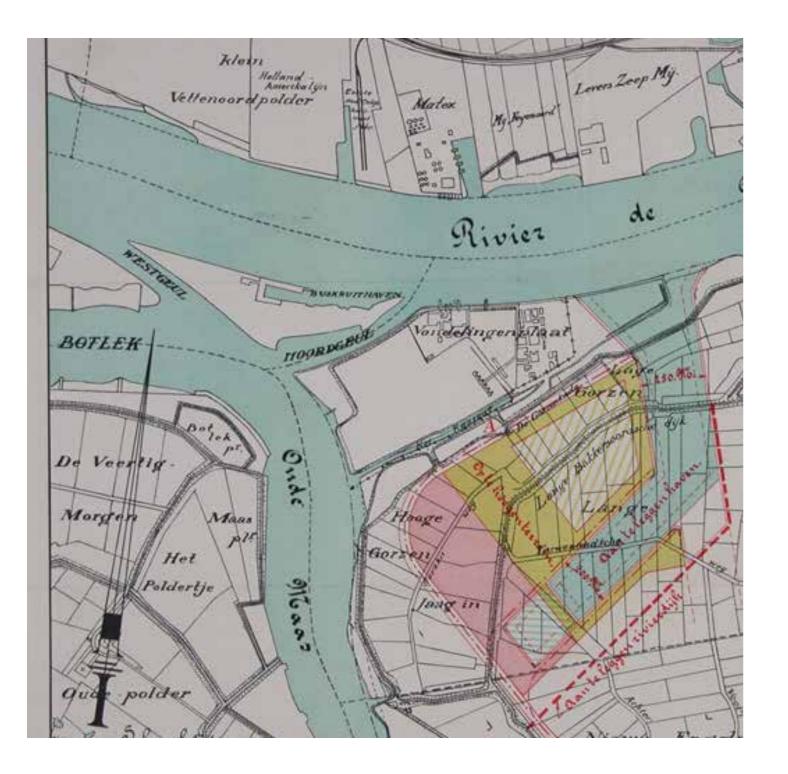


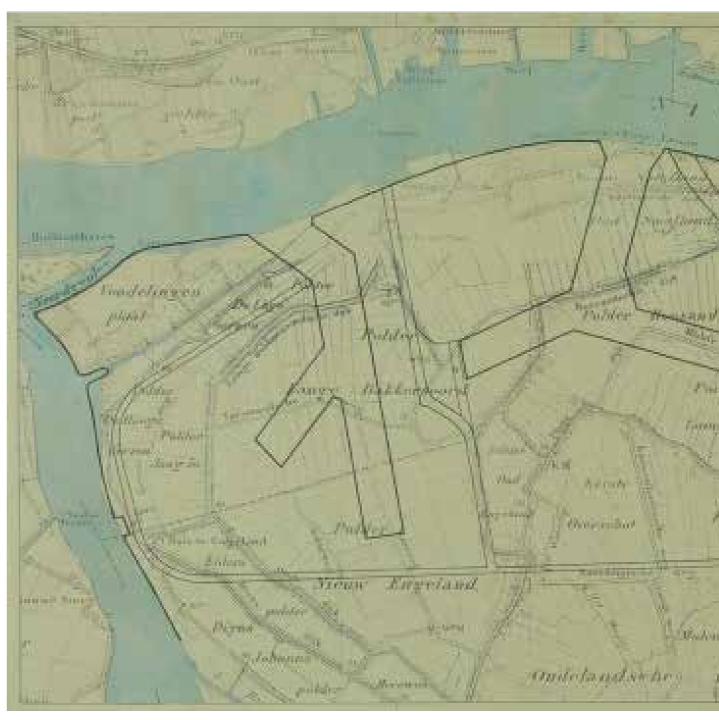


Historic Maas-Rijn delta 1850



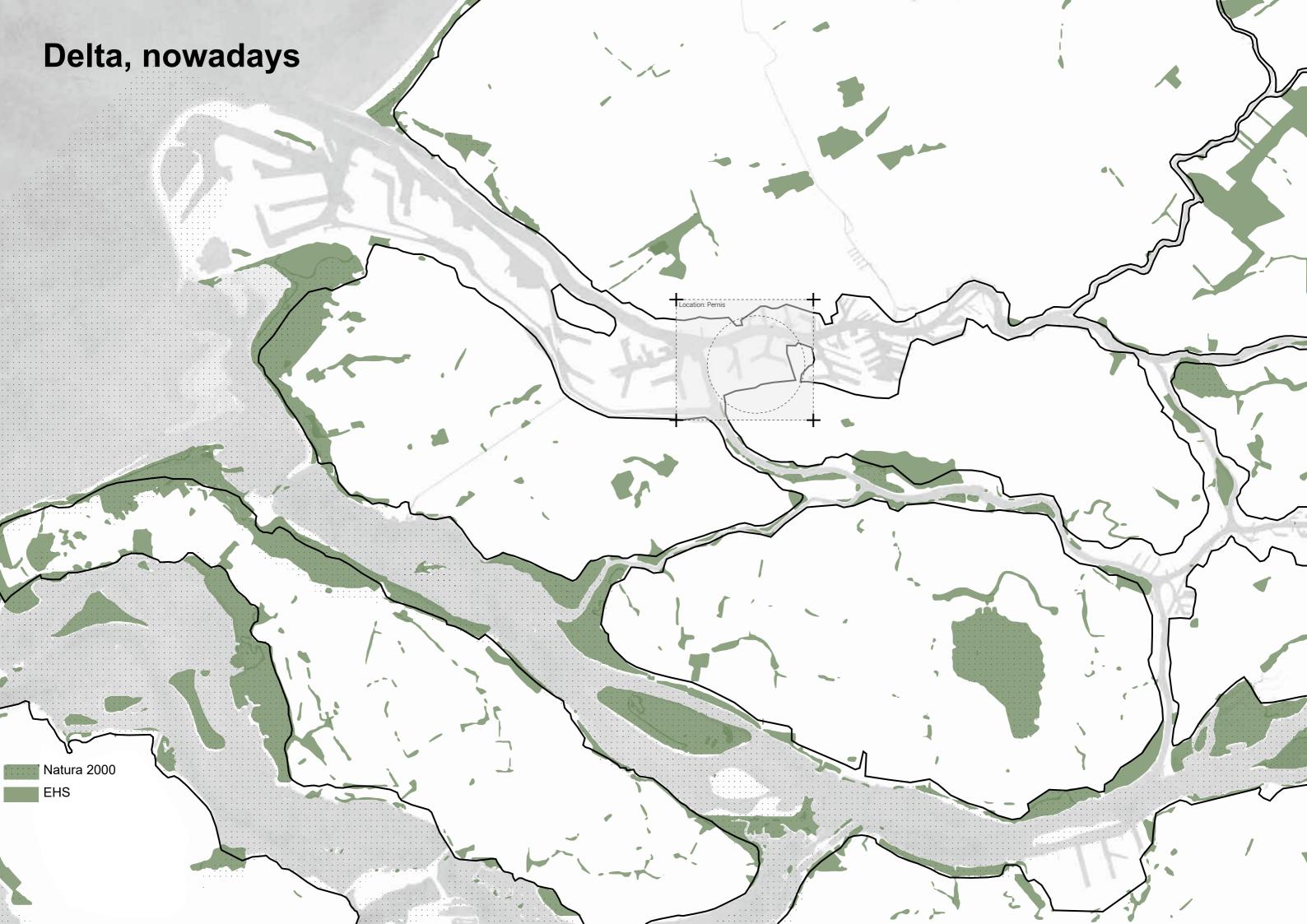
Vondelingenplaat





Plans for Pernis

Overlay



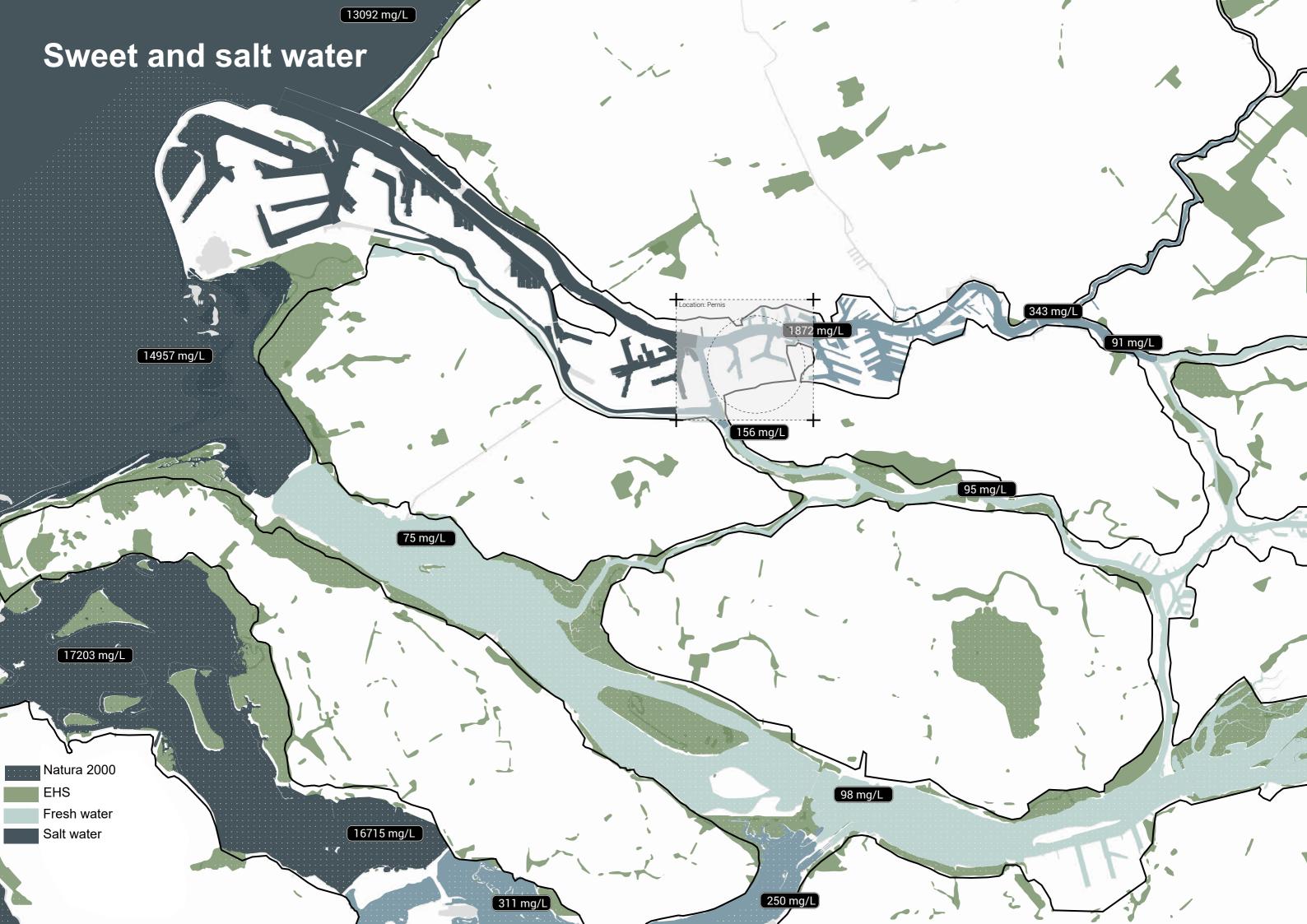
Policy

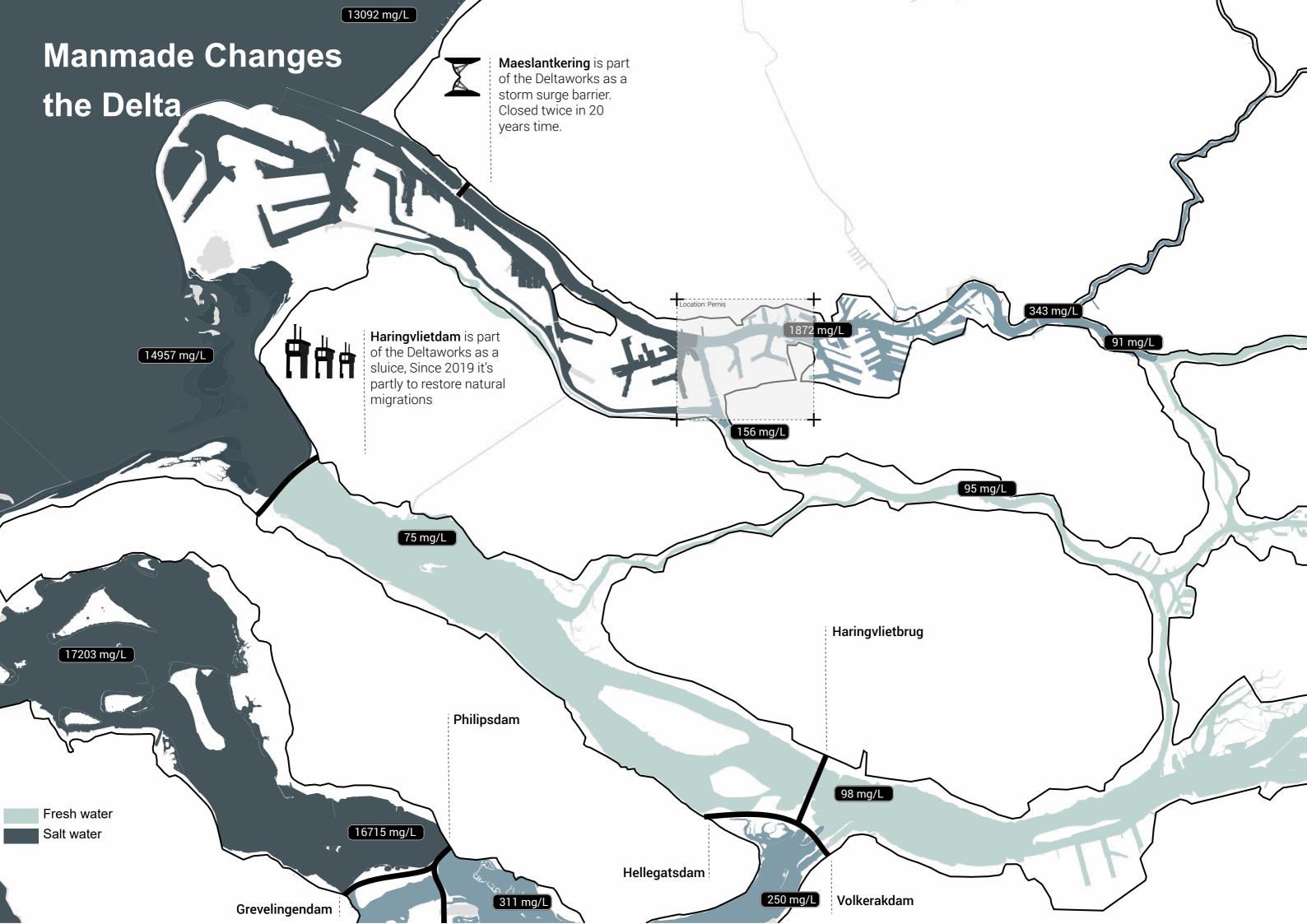


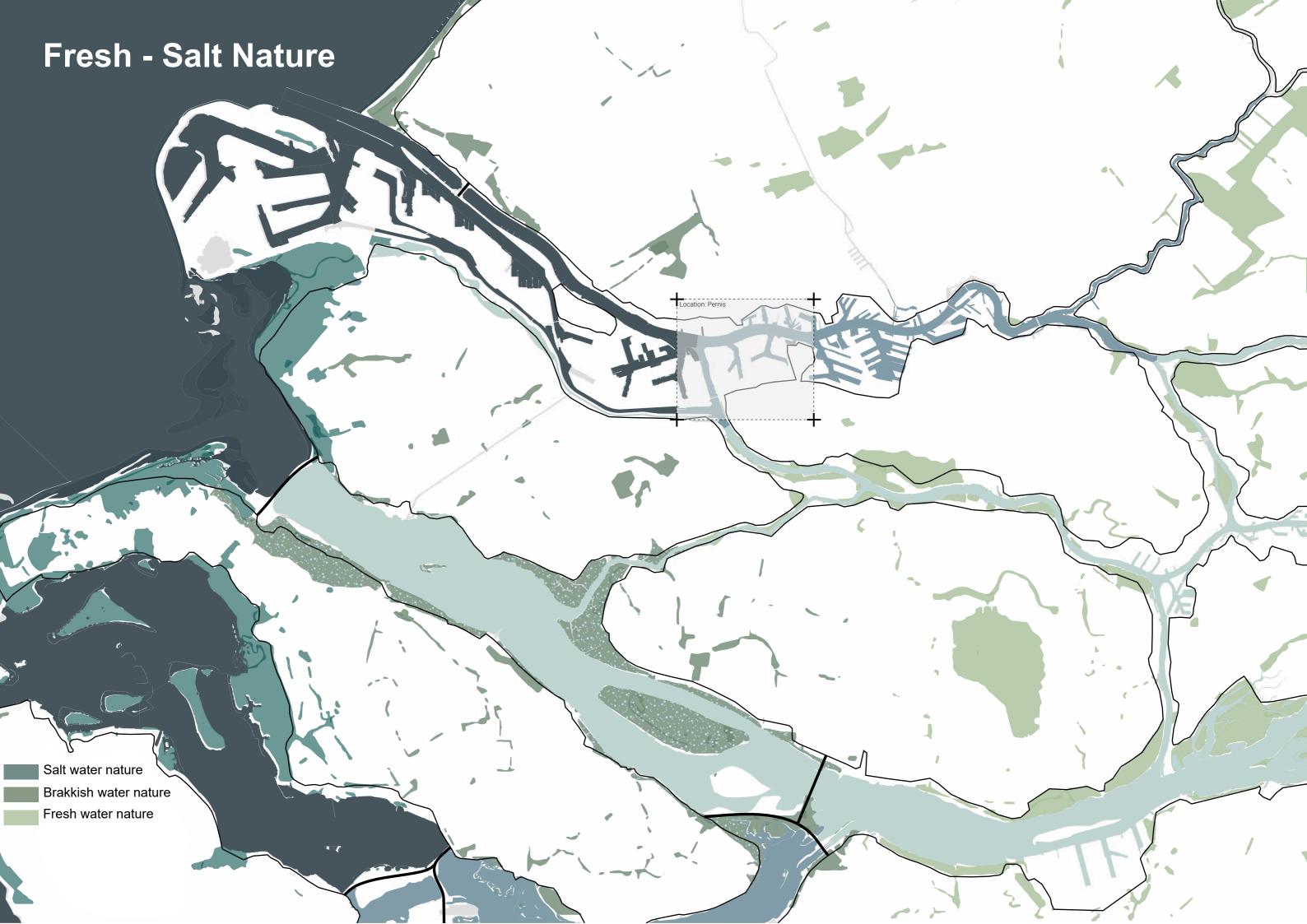


Rotterdam Getijdenpark

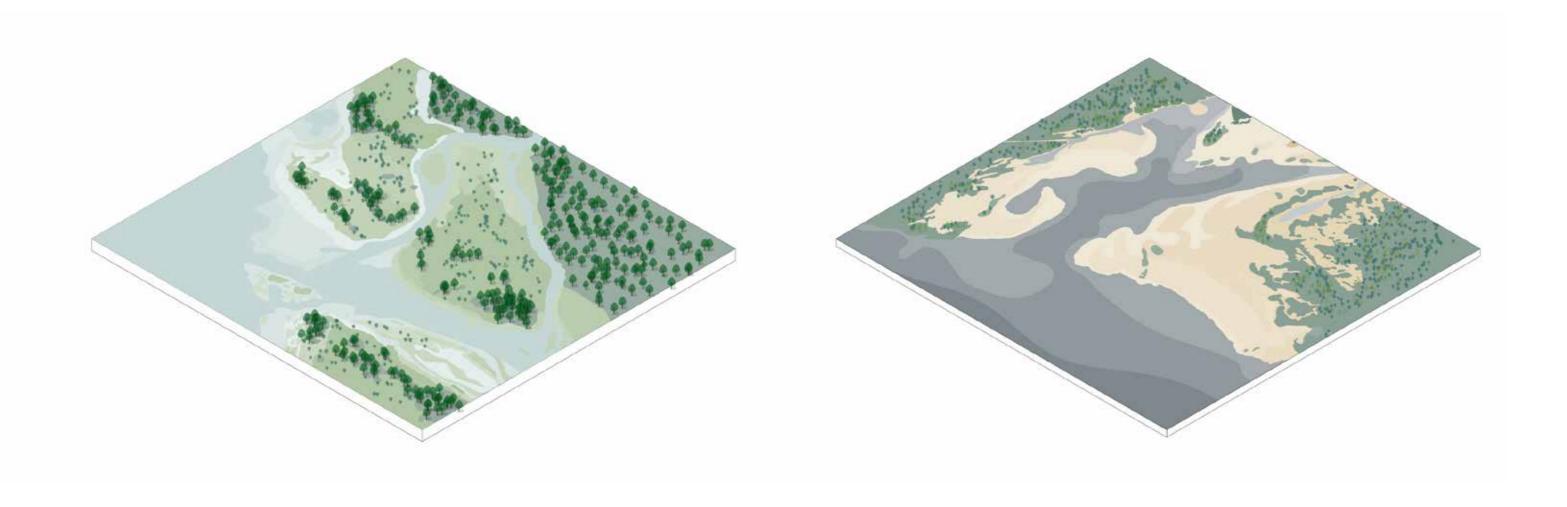
National Ruimte voor de Rivier



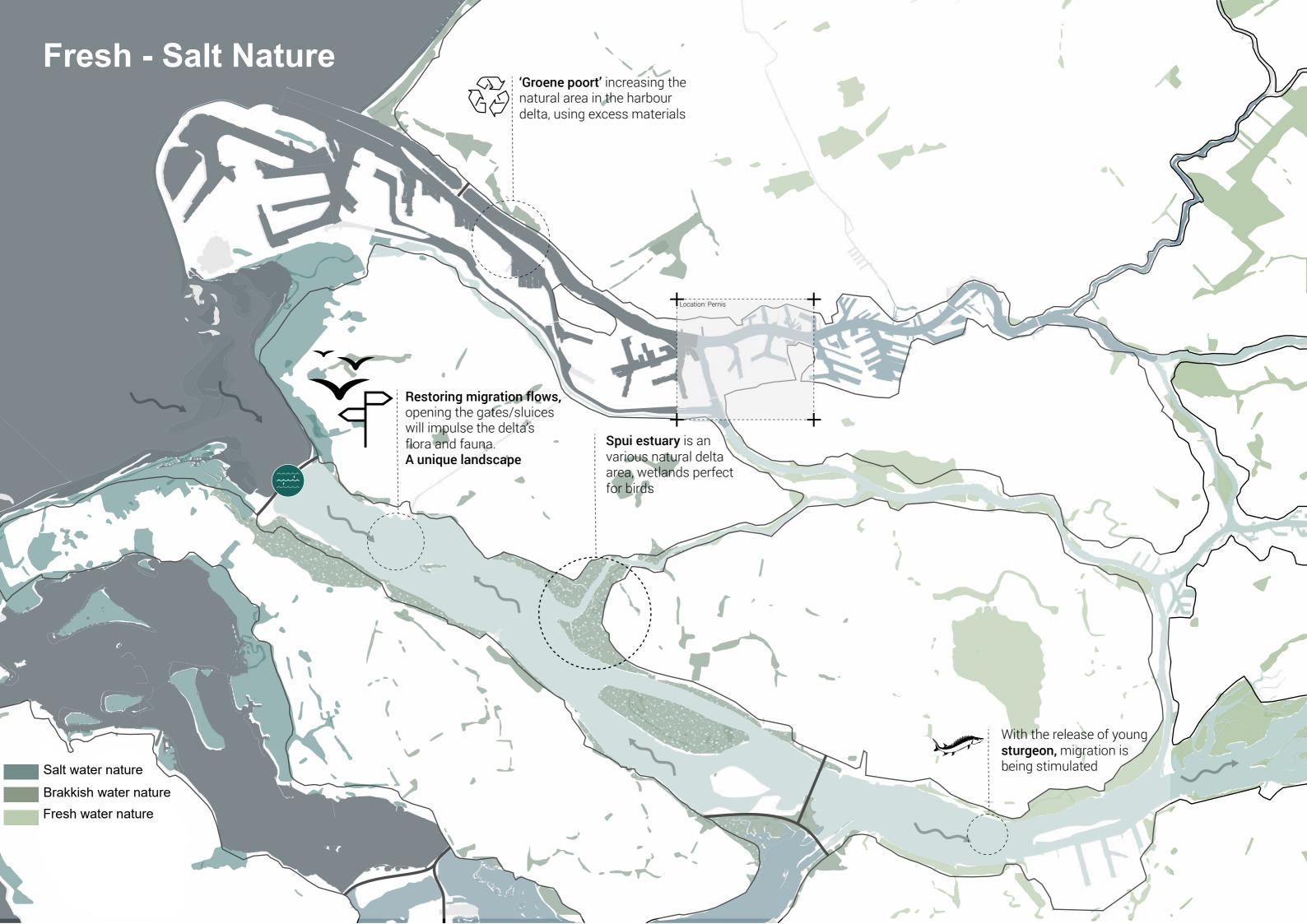


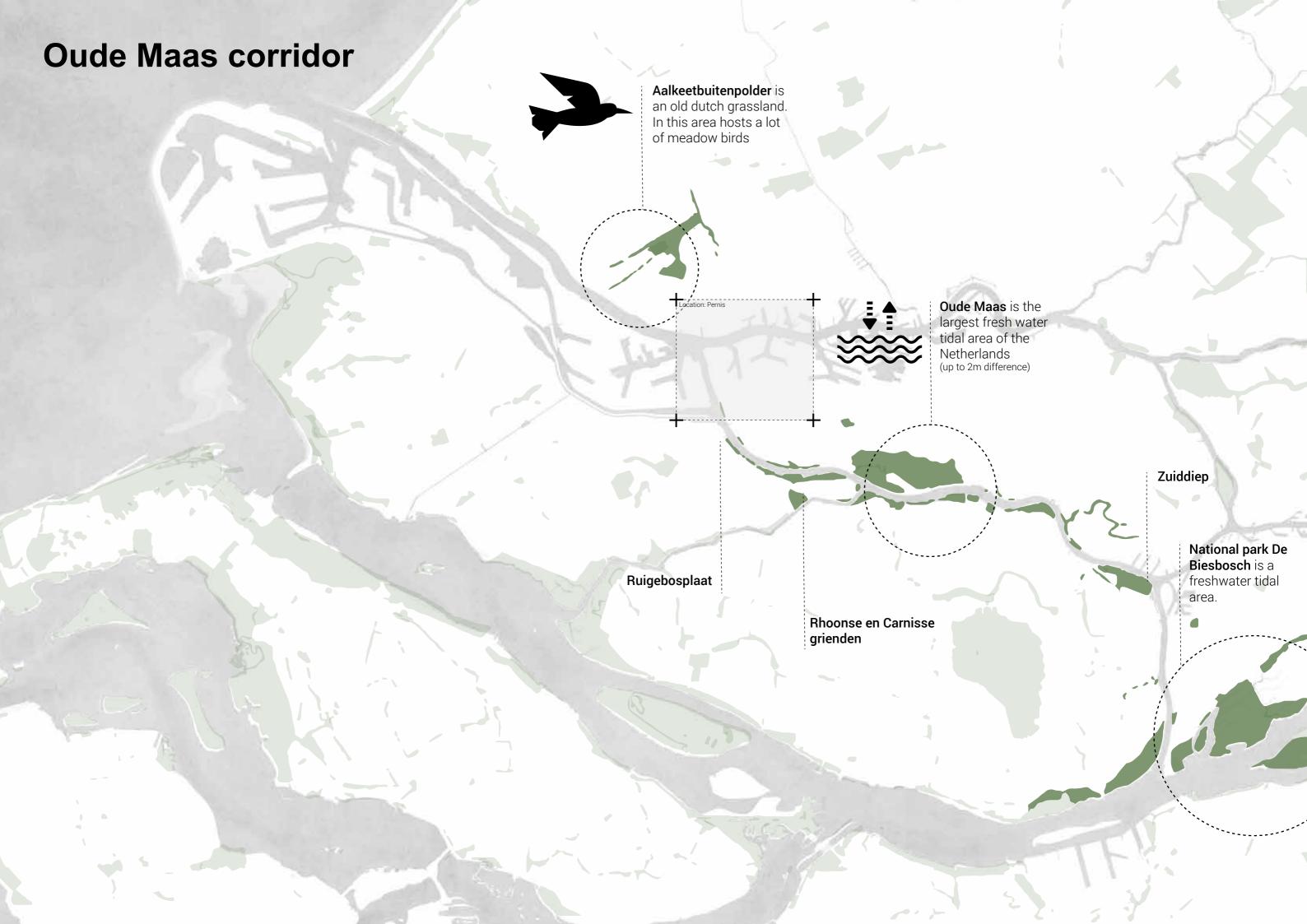


Fresh vs Salt



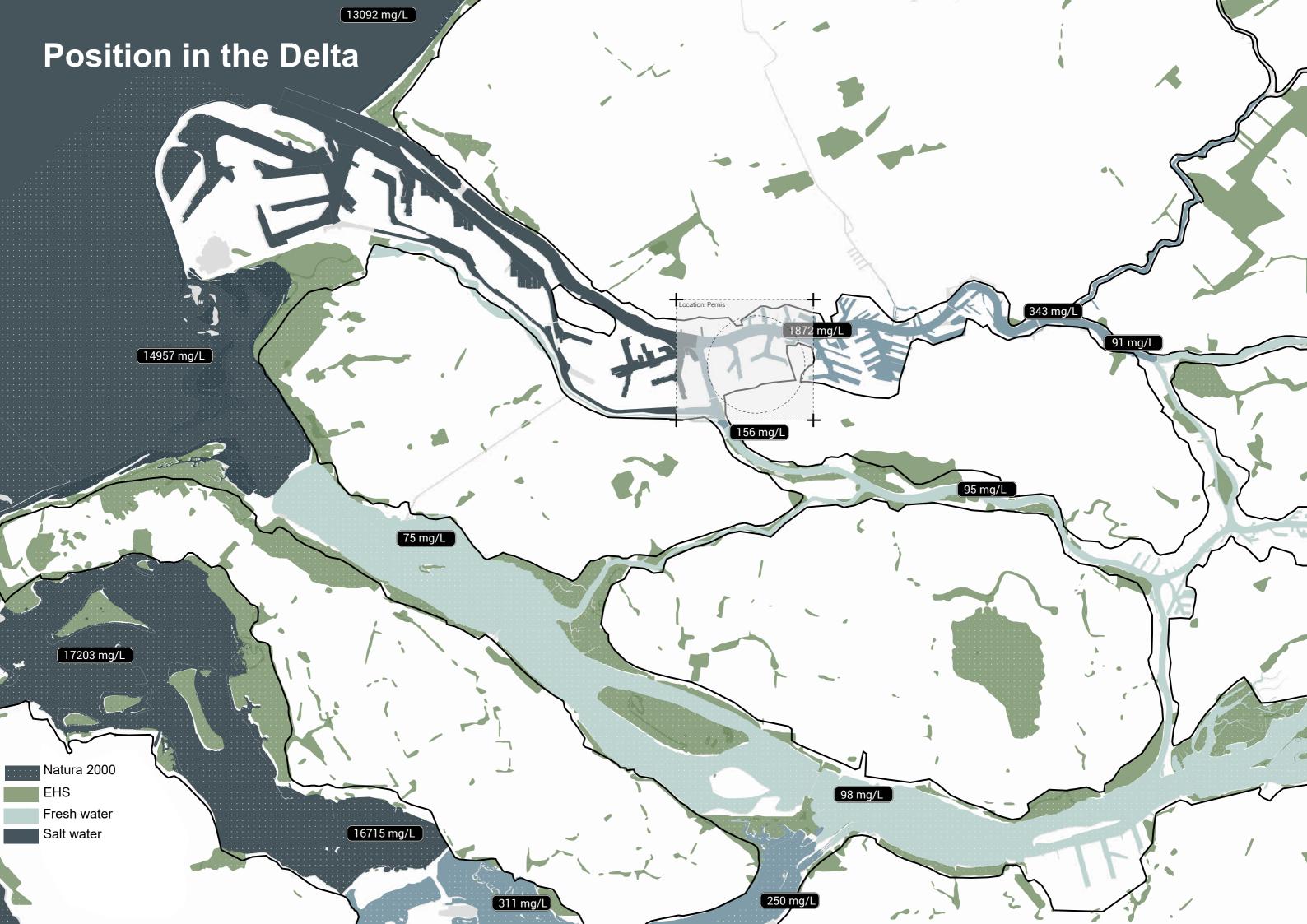
Fresh

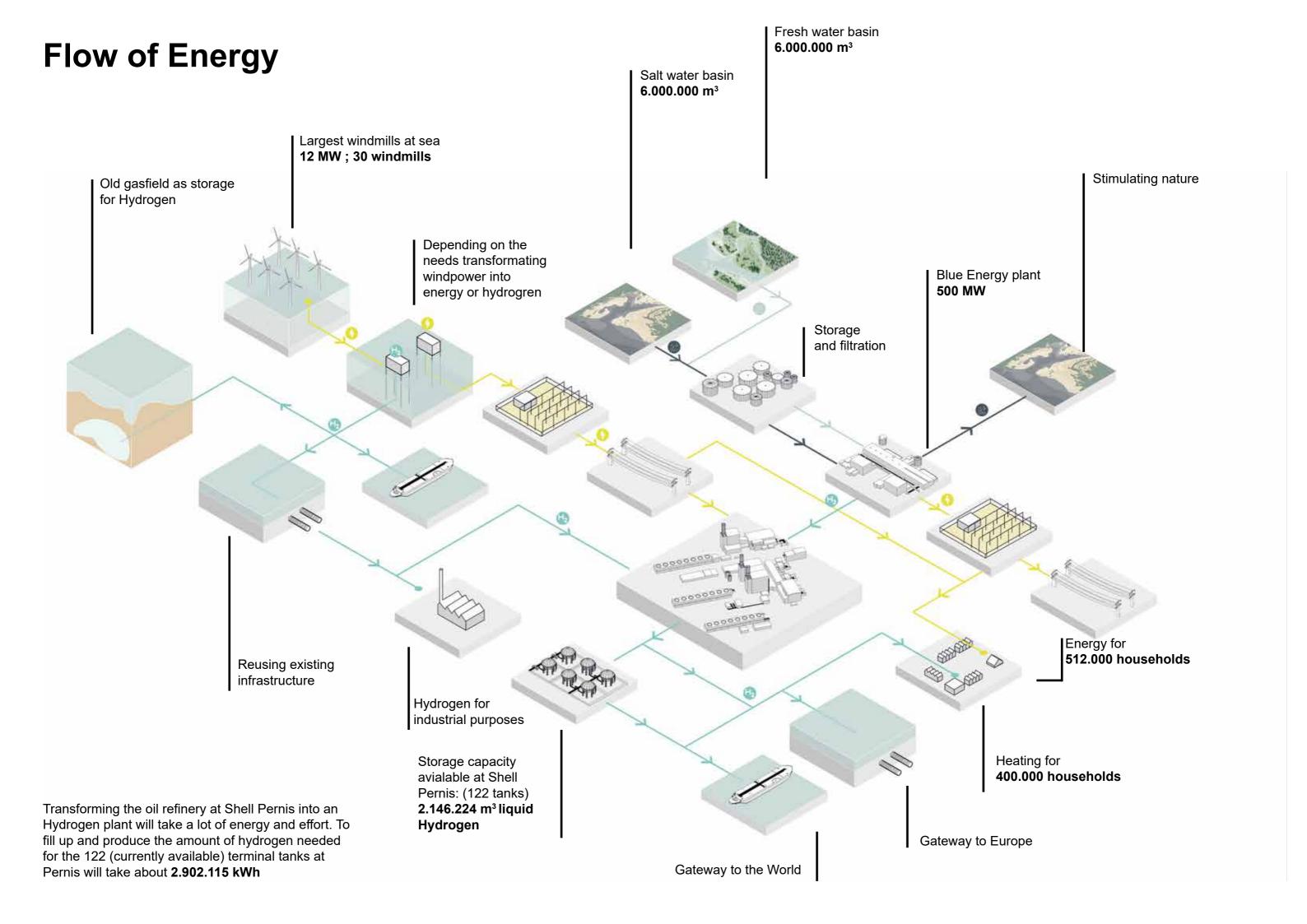






Renewable Energy Accessibility





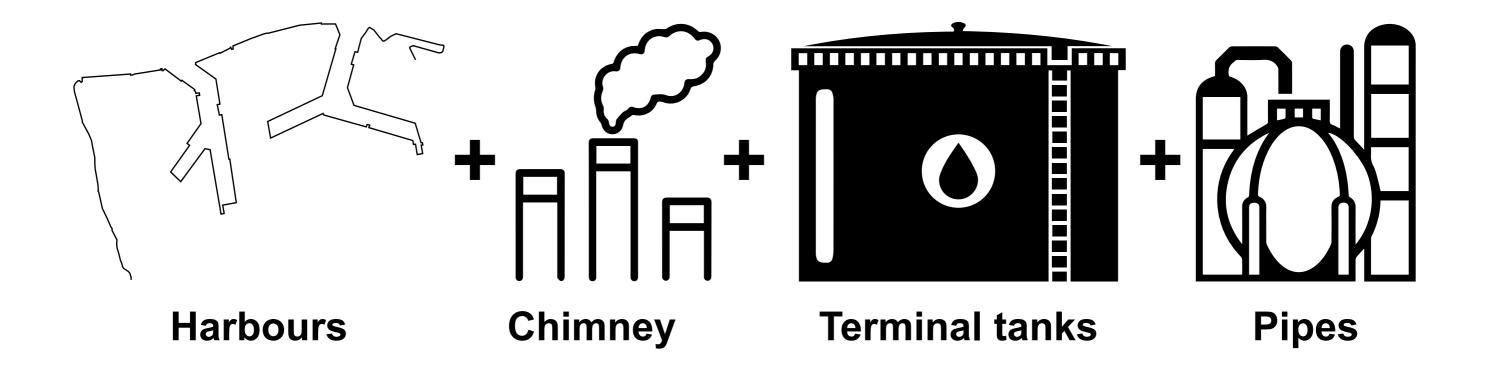


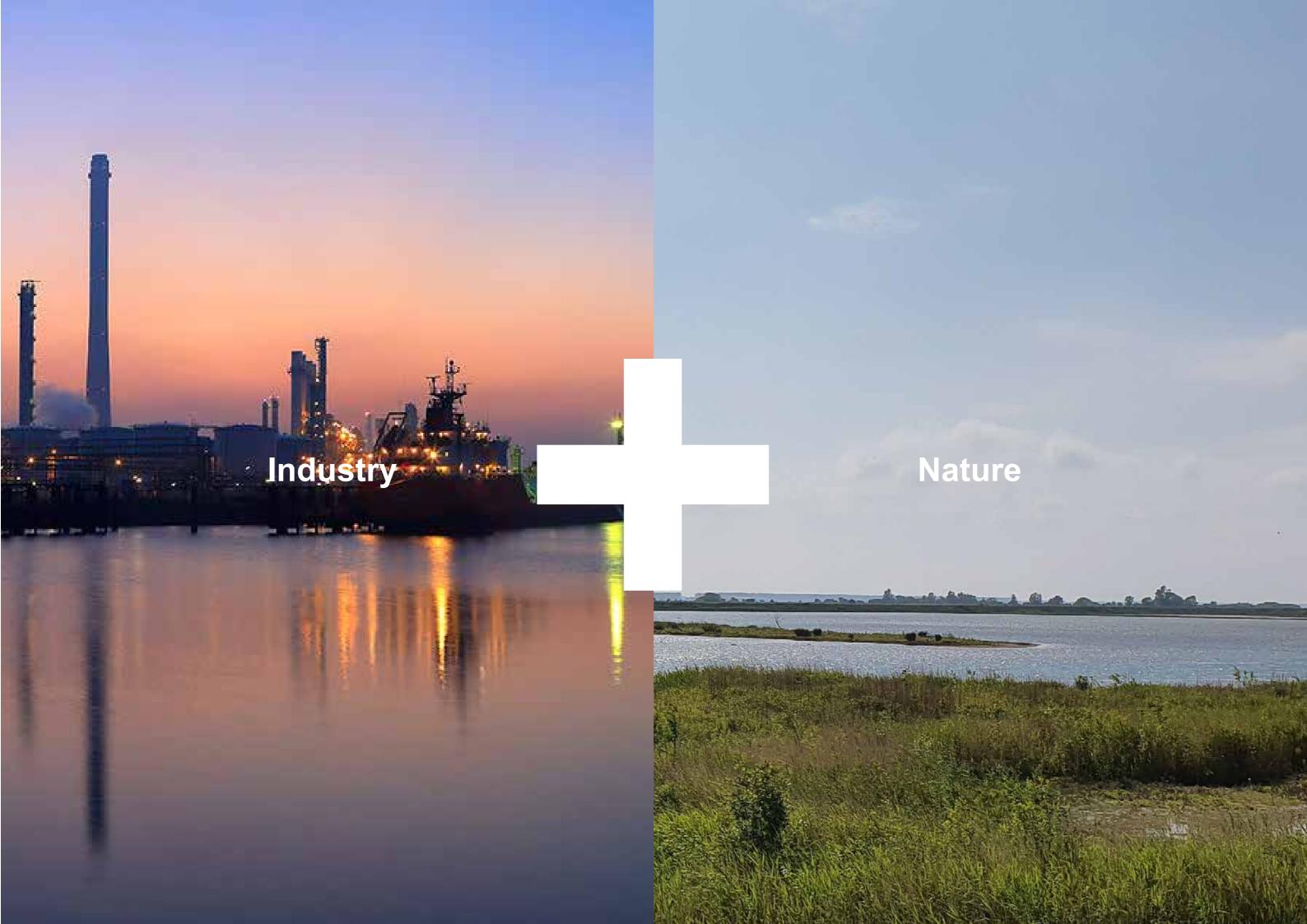
Looking at what we there is..

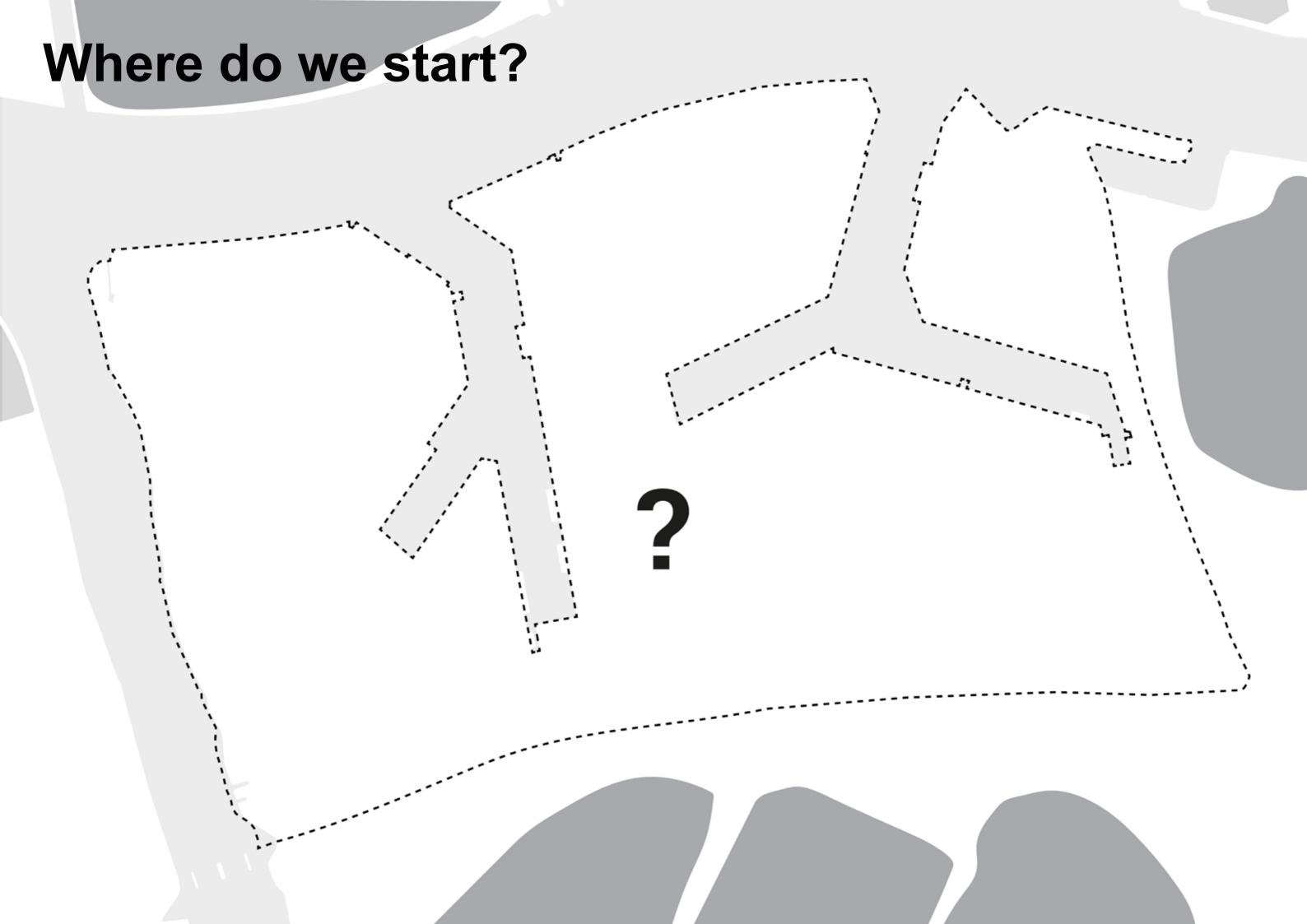


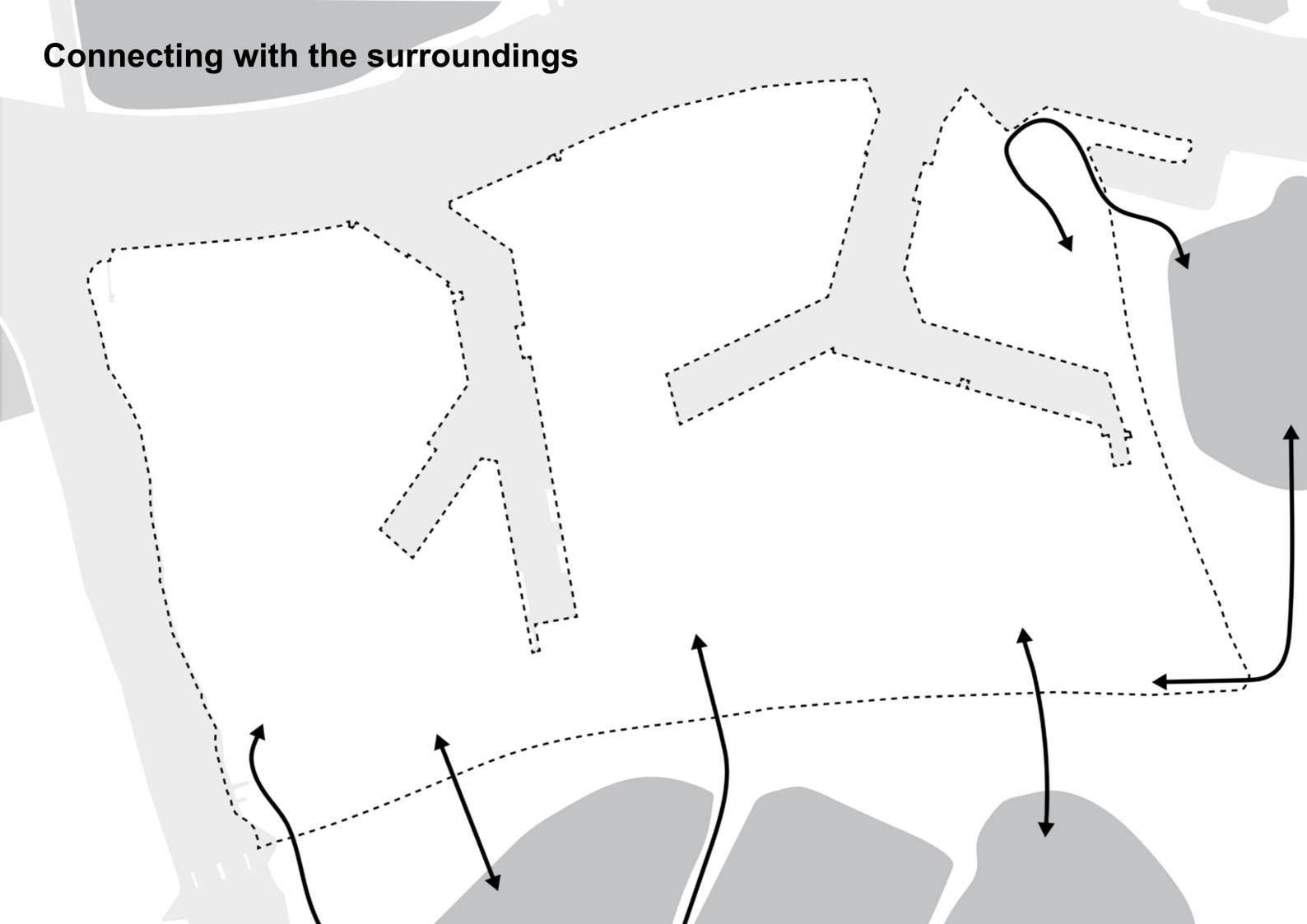








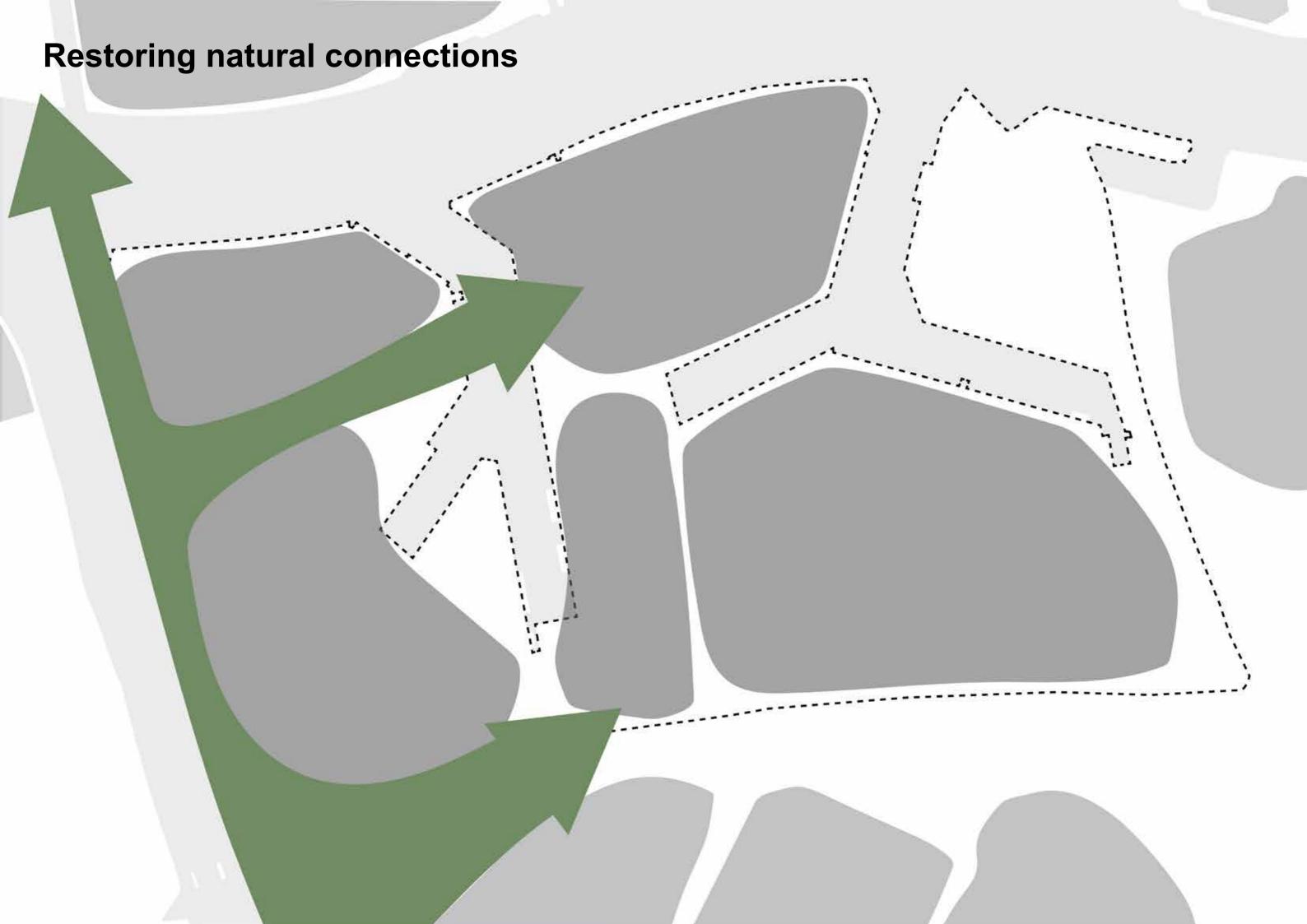


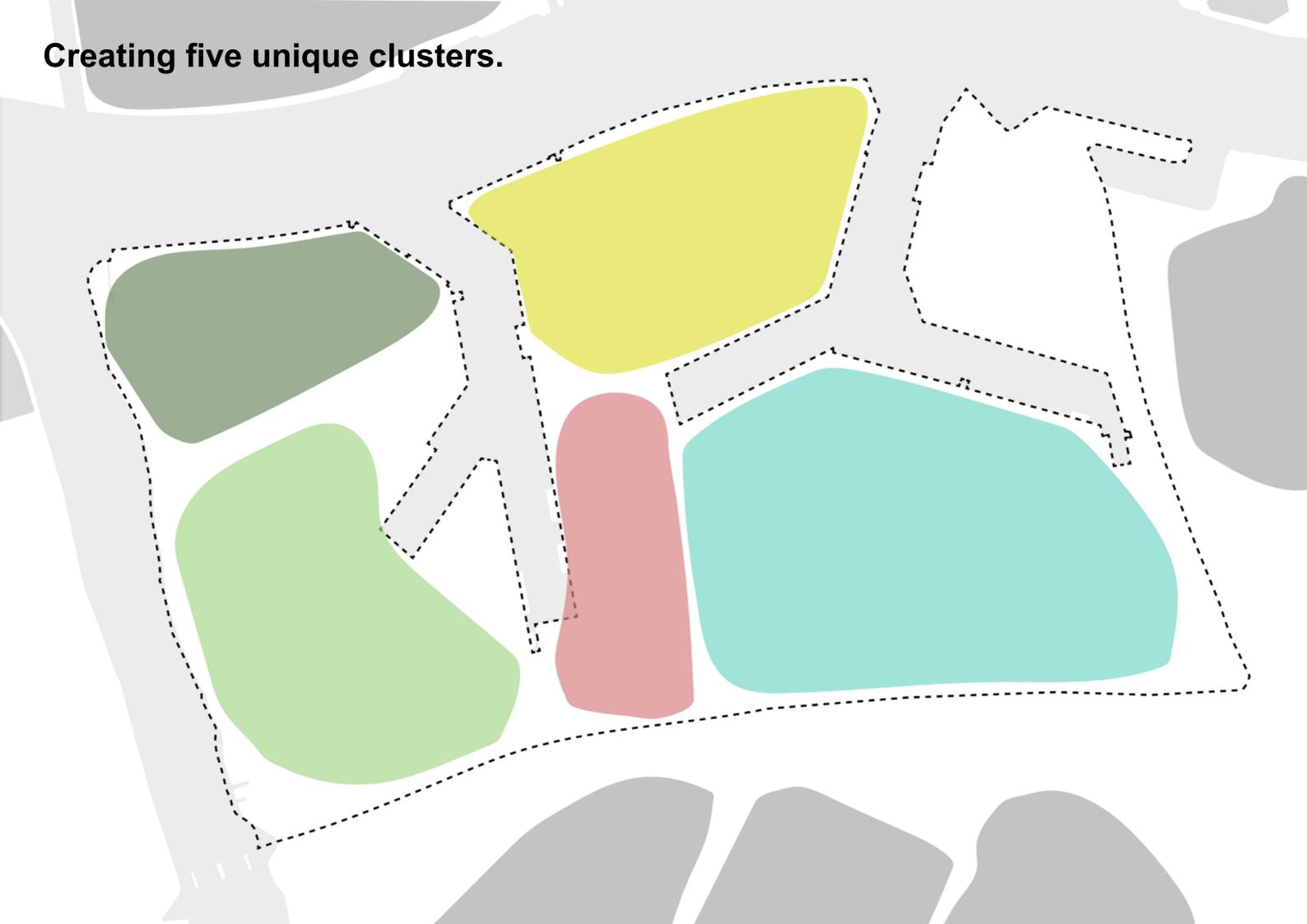


Using the existing framework

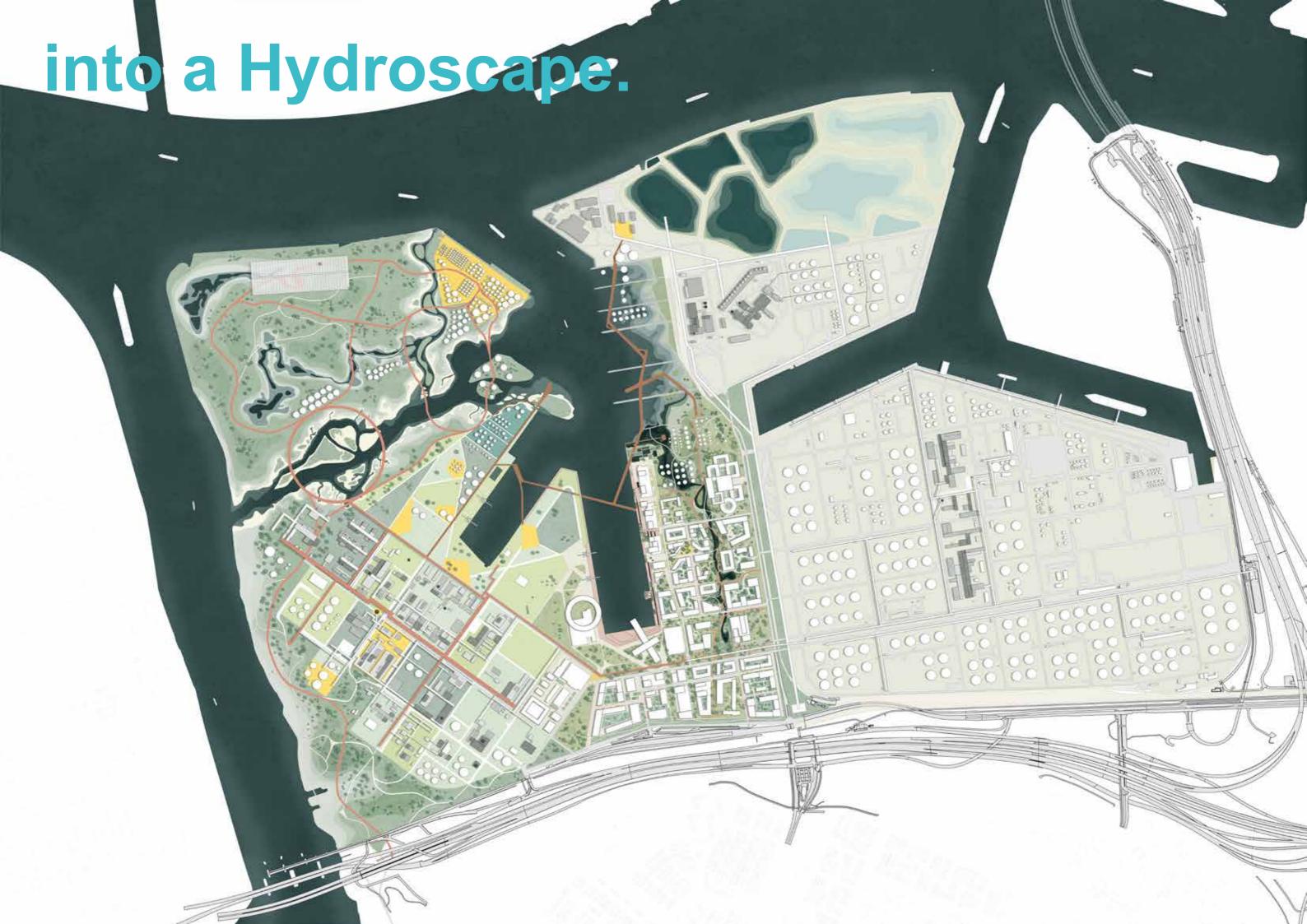
Preserve the industrial heritage on site



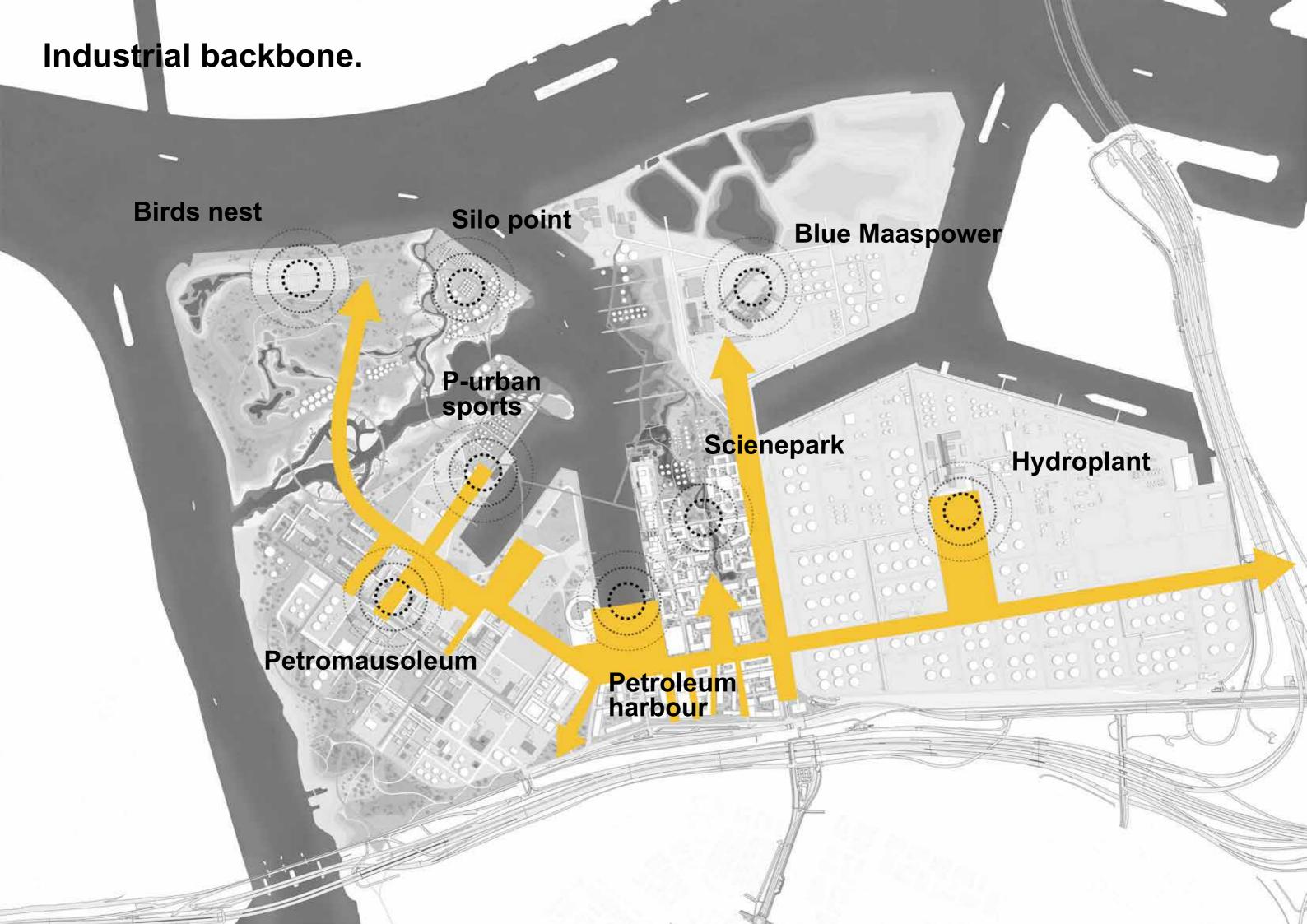


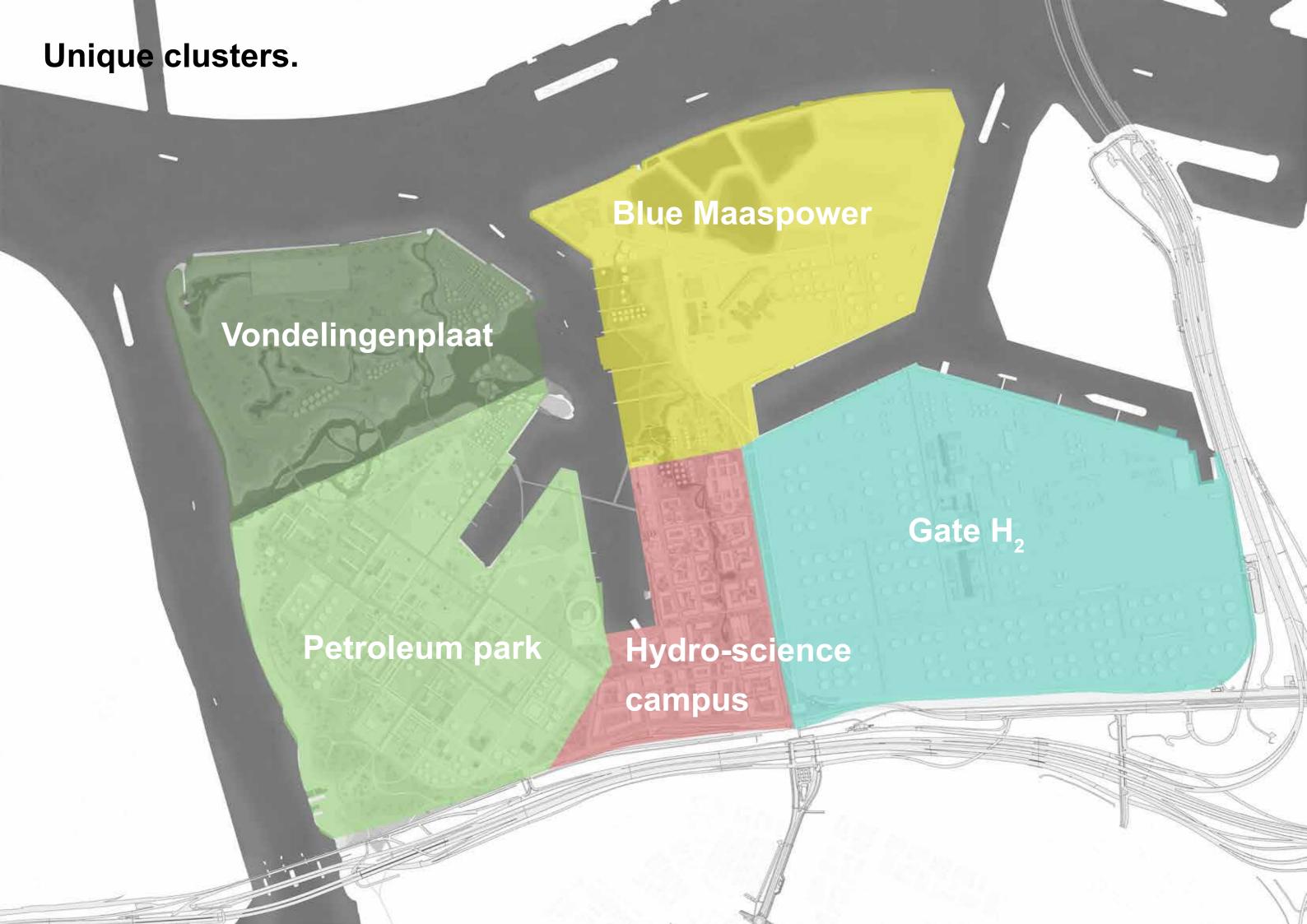






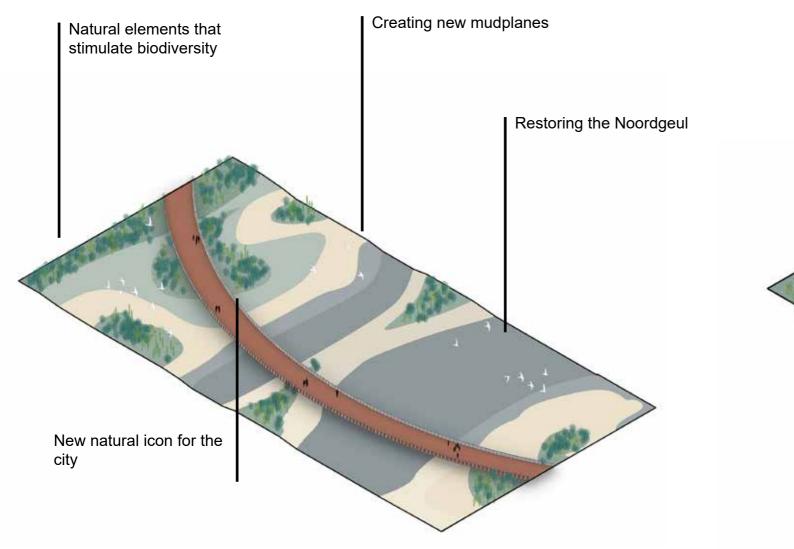




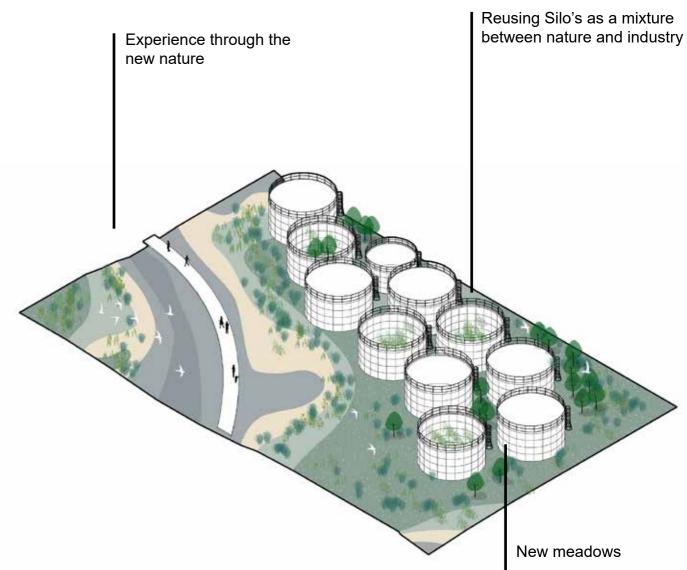




Vondelingenplaat

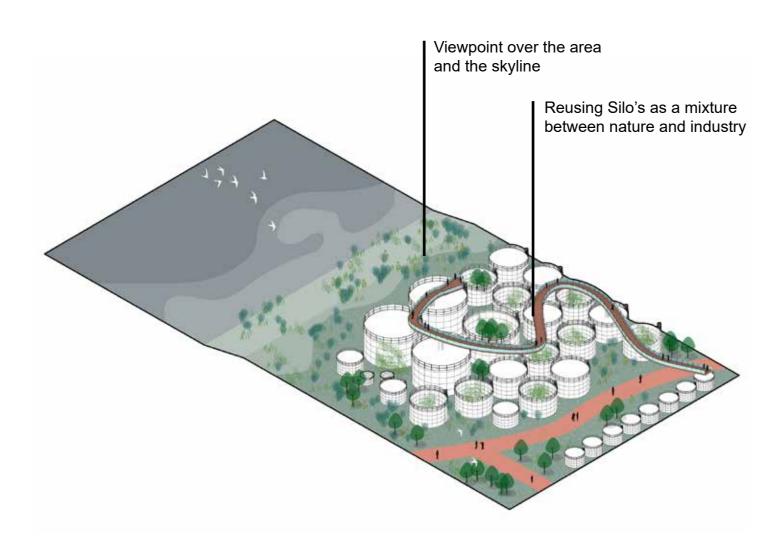


1. bridge

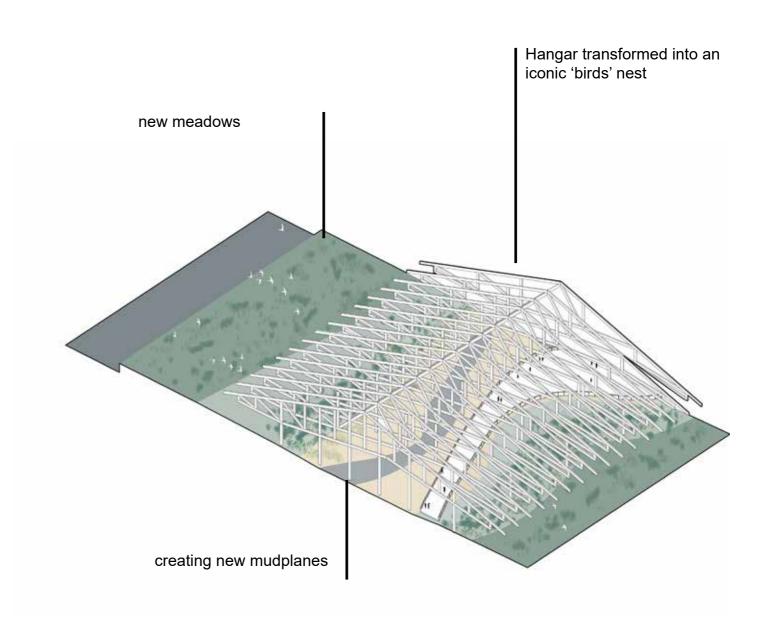


2. Silo park

Vondelingenplaat



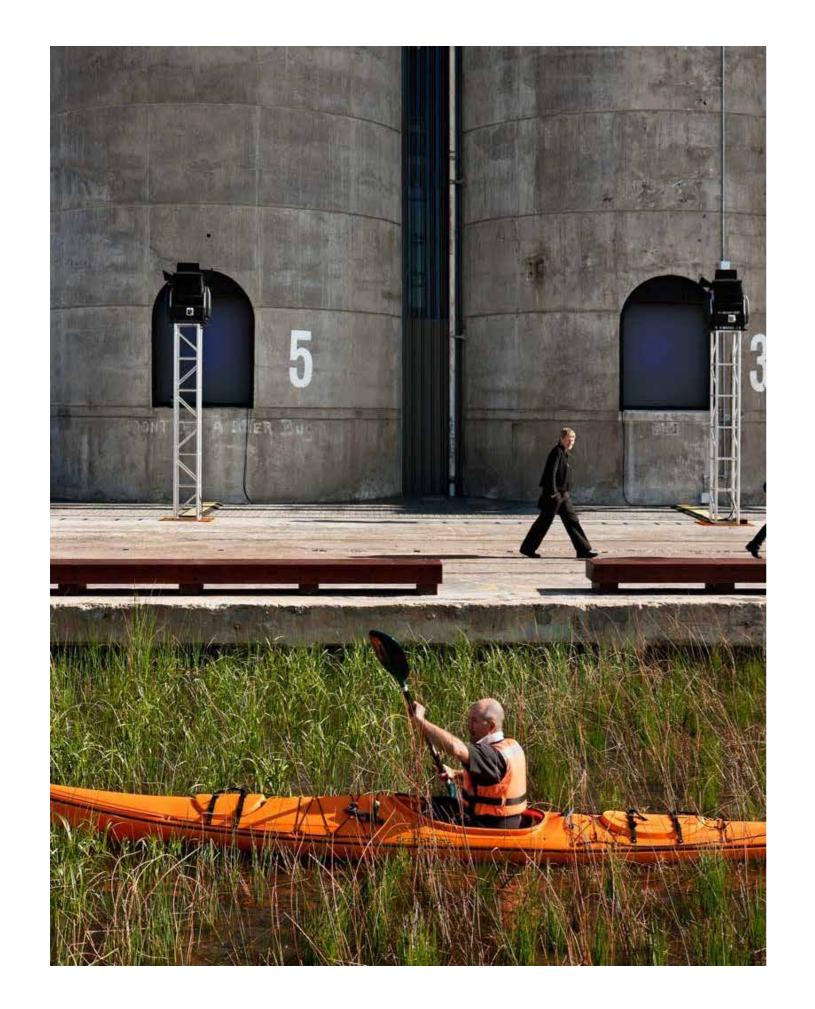
3. Silo point



4. 'Bird nest'



References



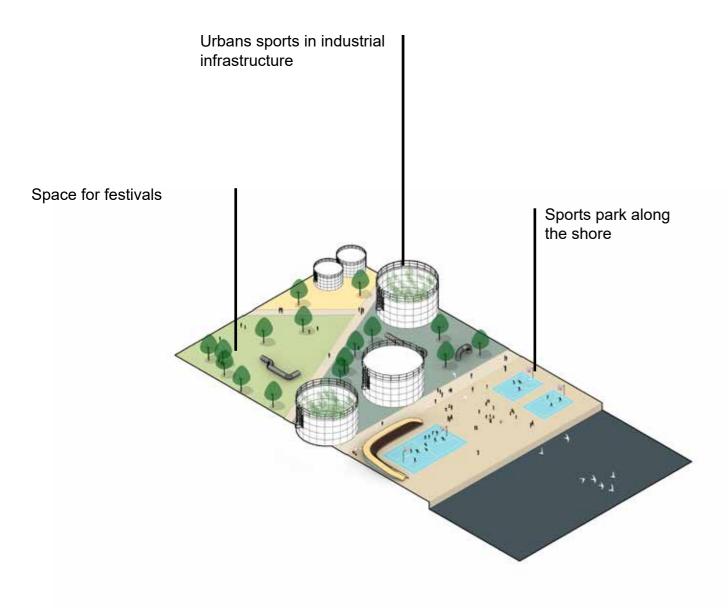




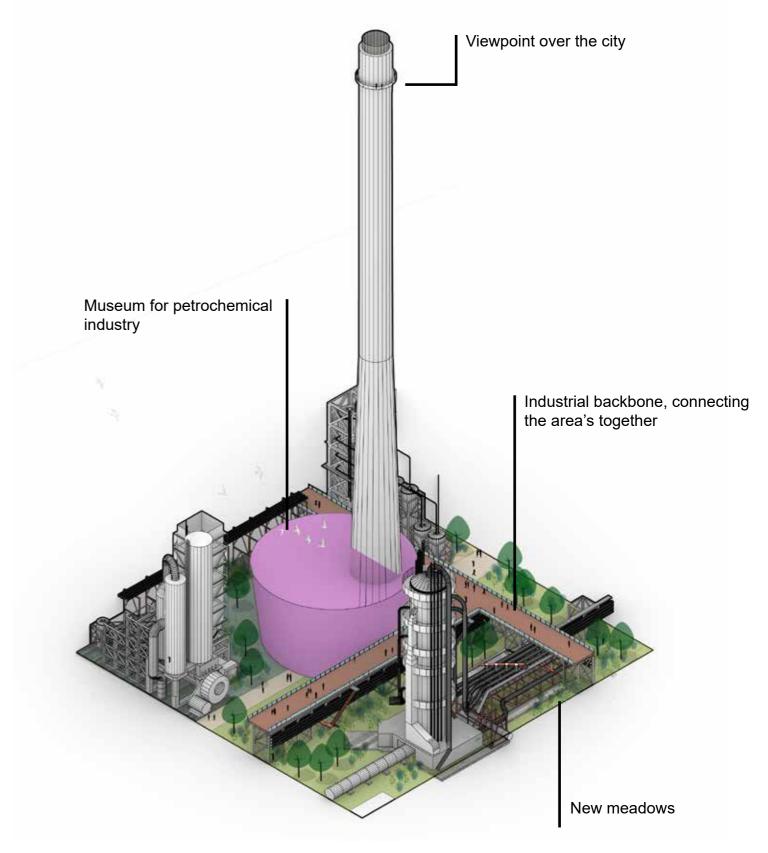




Petroleum park



1. Purban sports



2. Petromausoleum

Urban sports reclaims.



Industrial references

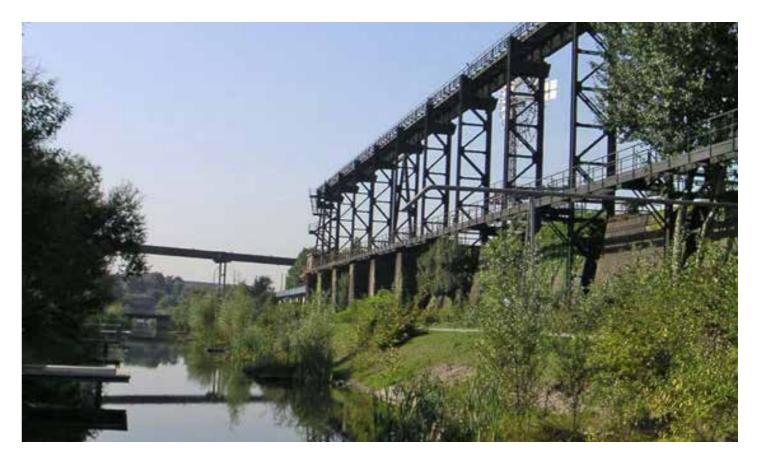




Sands Bethworks



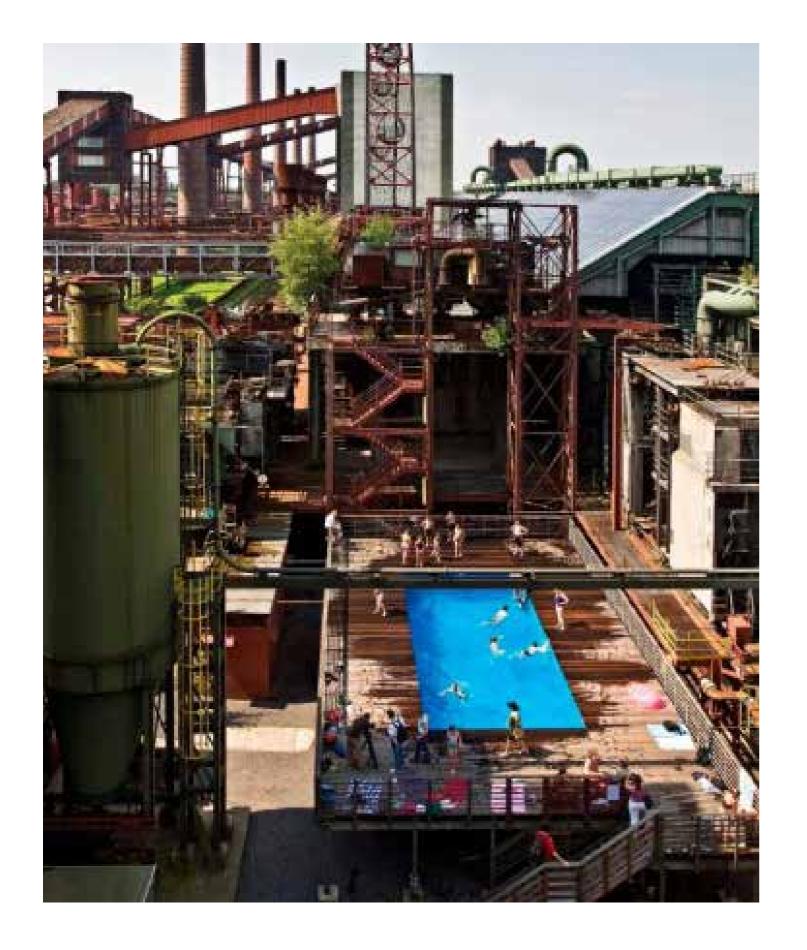


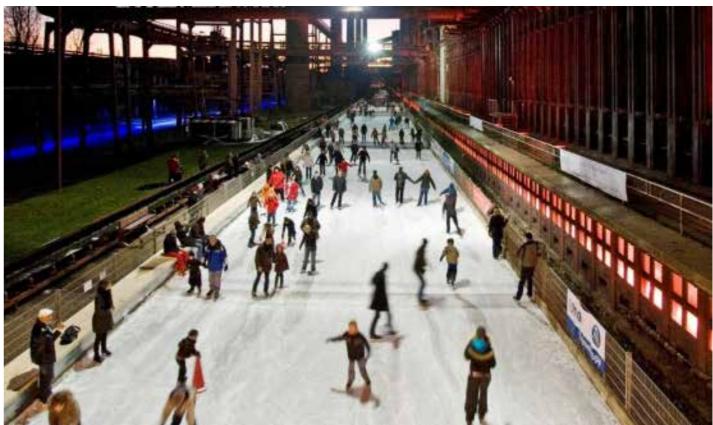




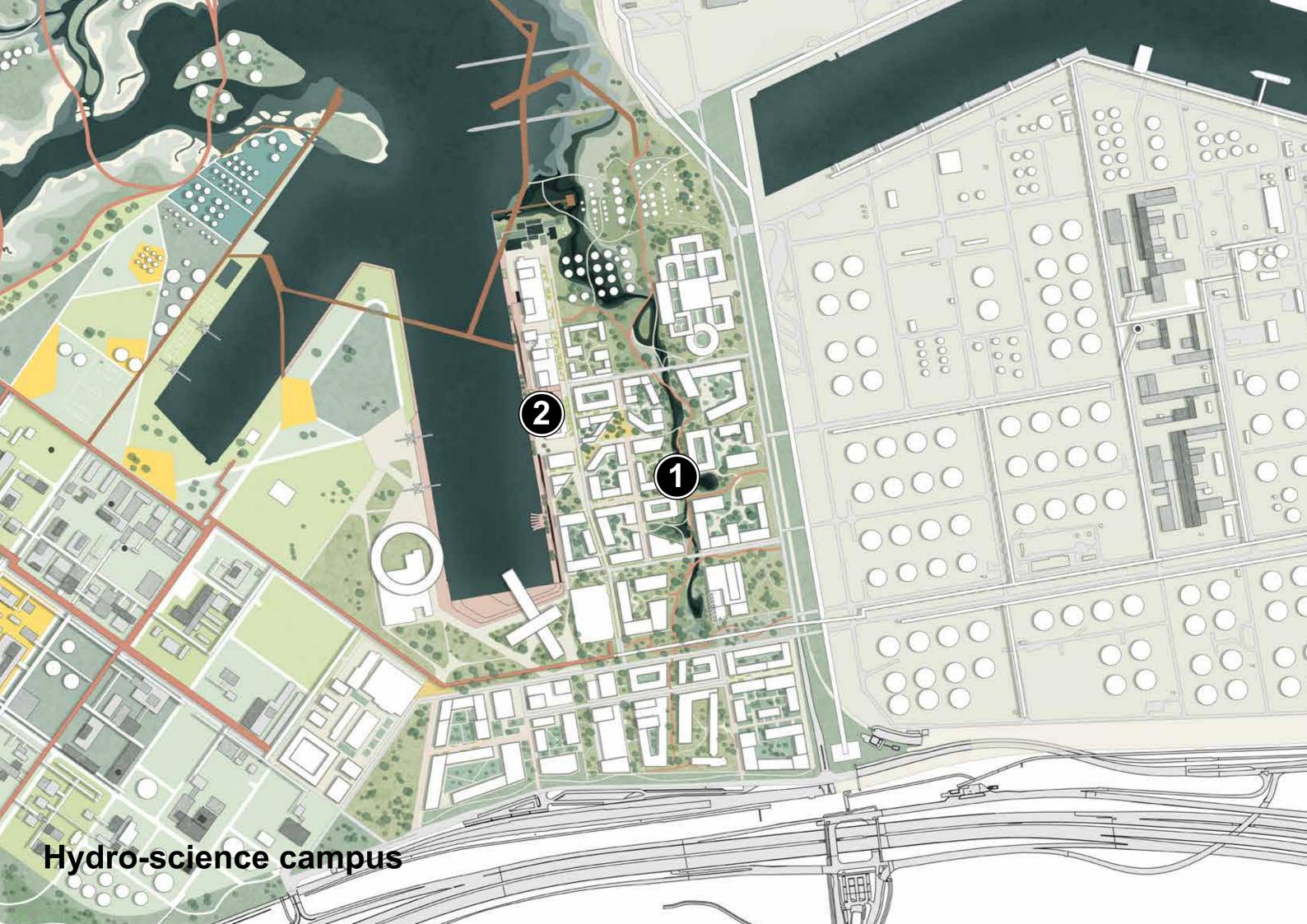


Programmatic references

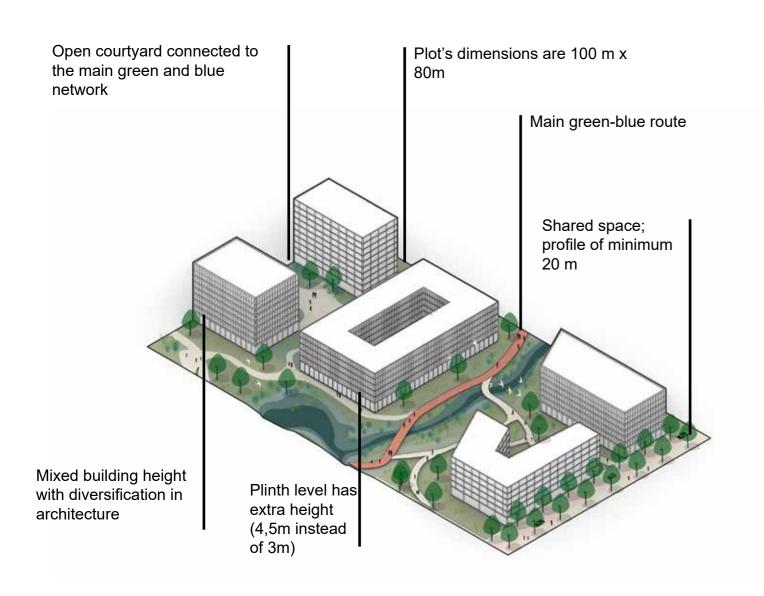


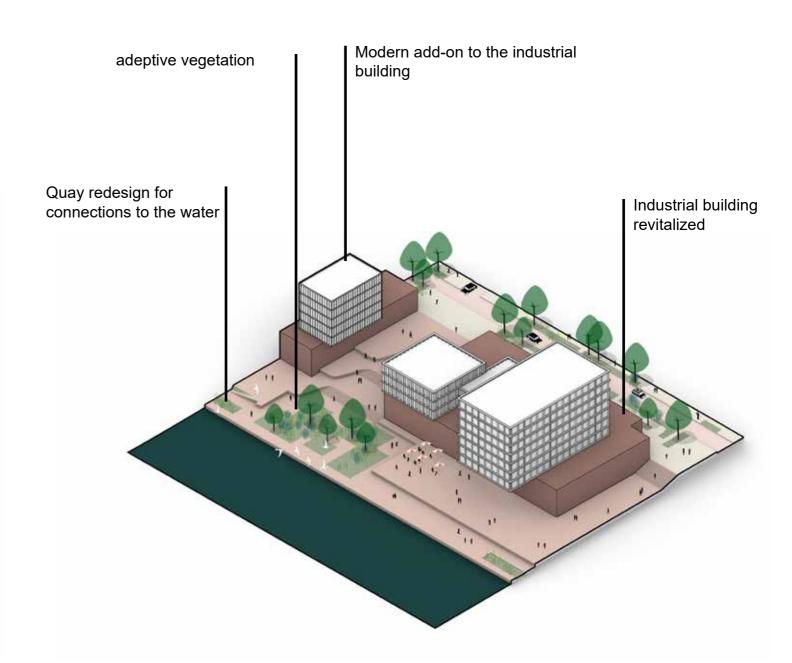






Hydro-science campus





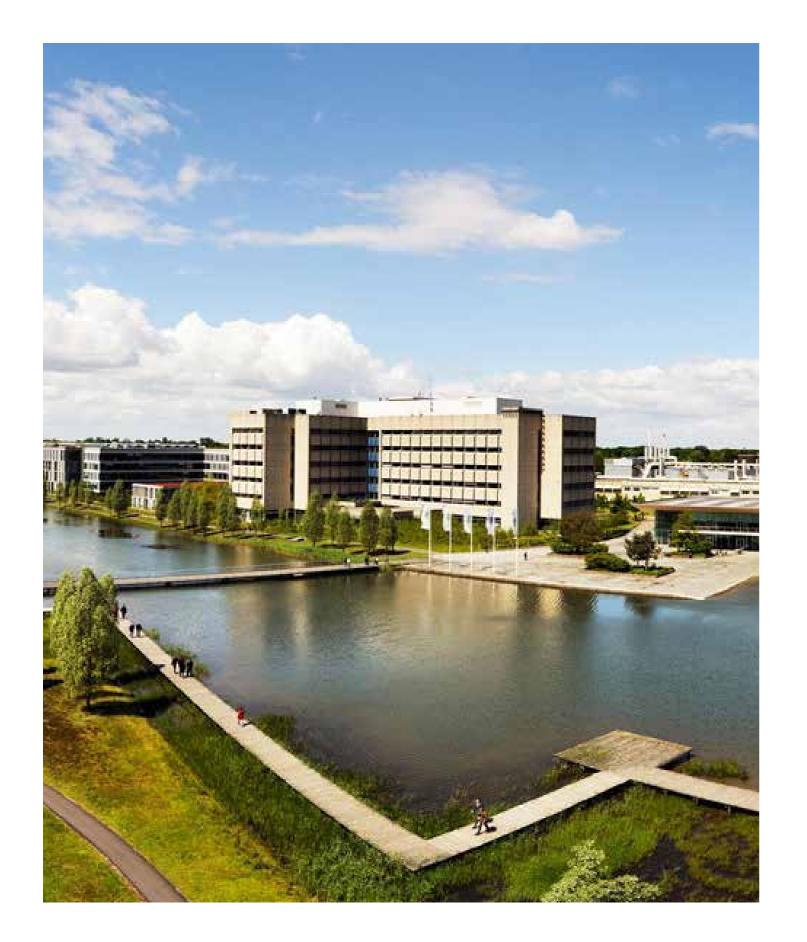
1. Science park

2. Petroleumquay

Science park



R&D campus references







Architectural references



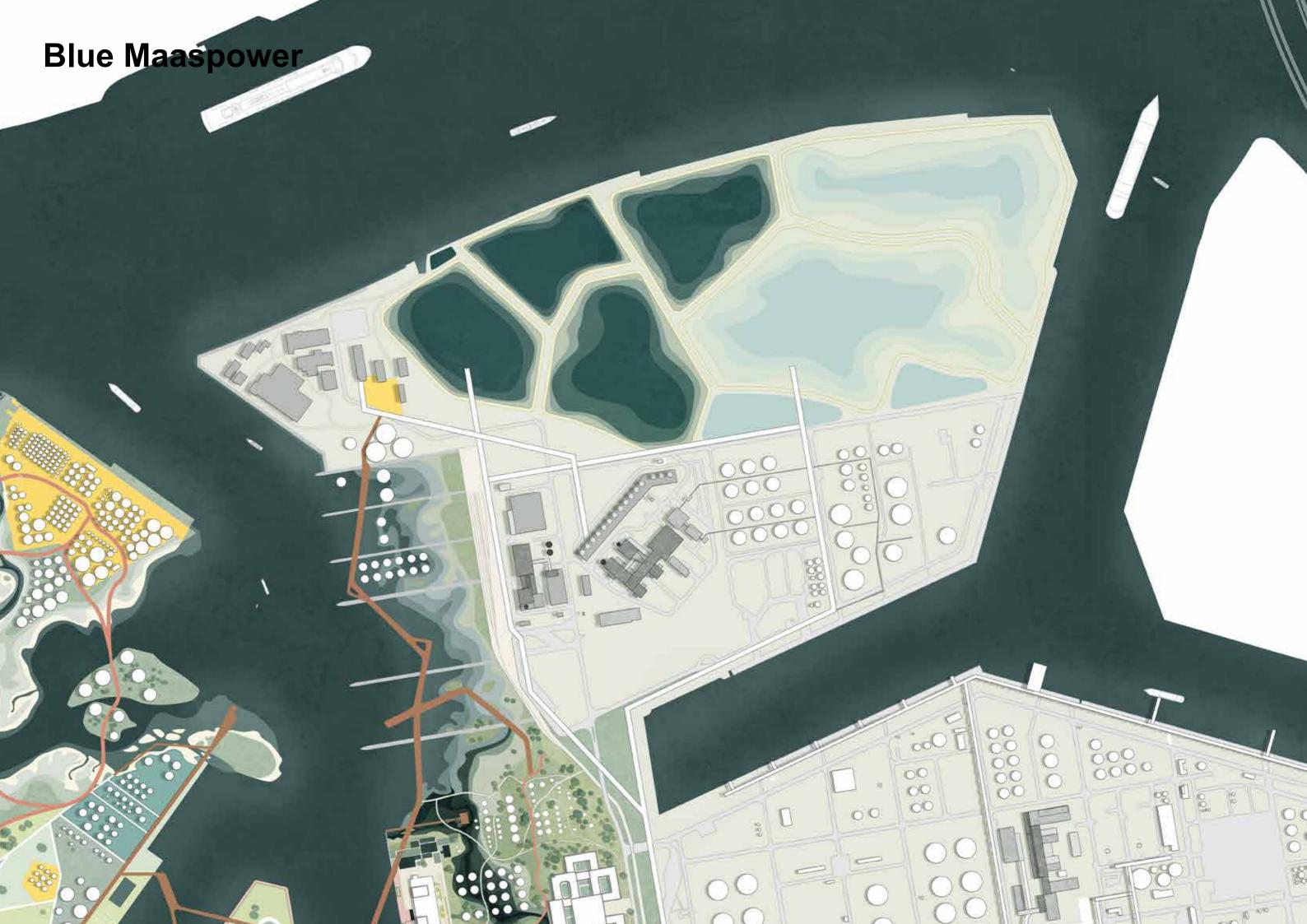


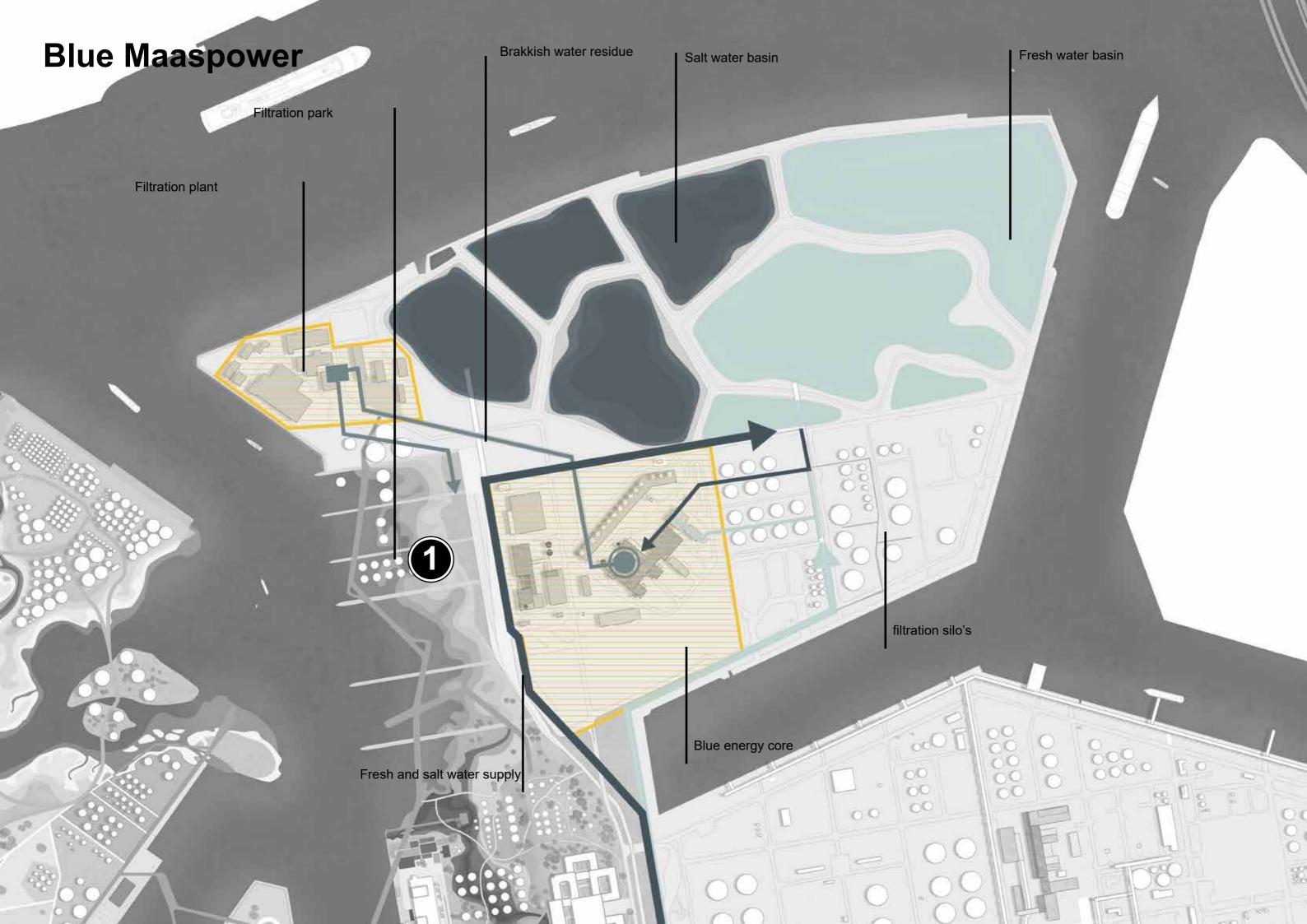


Landschaftpark Duisburg Nord

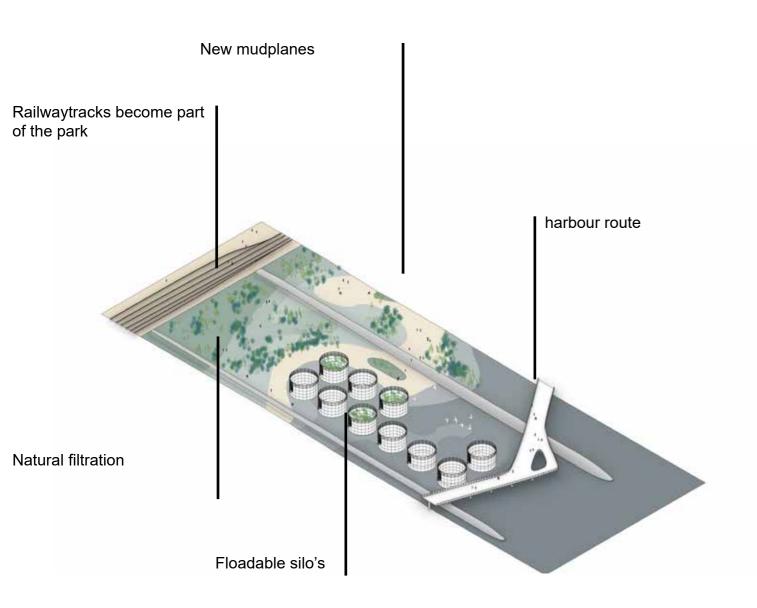








Blue Maaspower



1. Filtration park





Architectural references







