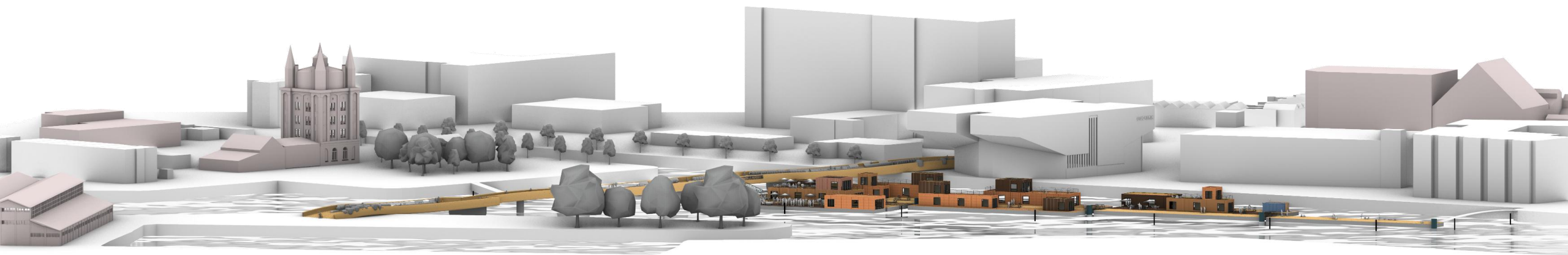


Revitalizing Heritage in Stadswerven

Daan Zimmerman





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Waterdriehoek



Waterdriehoek's structure (Mapbox, 2025).

Maritime industry



Scheepswerf De Noord (RegionaalArchiefDordrecht, 1960).



Ship launch at scheepswerf De Biesbosch (RegionaalArchiefDordrecht, 1960).



Amerikaanse helling (RegionaalArchiefDordrecht, 1951).



Scheepswerf Hoebee (RegionaalArchiefDordrecht, 1967).

Redevelopment plan Stadswerven



Industrial purpose of De Staart, Watertorenterein and Lijnbaan (*RegionaalArchiefDordrecht*, 1924).



Residential purpose of De Staart, Watertorenterein and Lijnbaan (*WonenOpStadswerven*, 2024).

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Biesboschhal



Aerial photograph of Scheepswerf De Biesbosch
(RegionaalArchiefDordrecht, 1951).



Remnant of Scheepswerf De Biesbosch
(InDeBiesboschhal, 2024).



Transformation proposal by RoosRosArchitecten
(RoosRos, 2020).



Testing potential functions (RaadDordrecht, 2023).

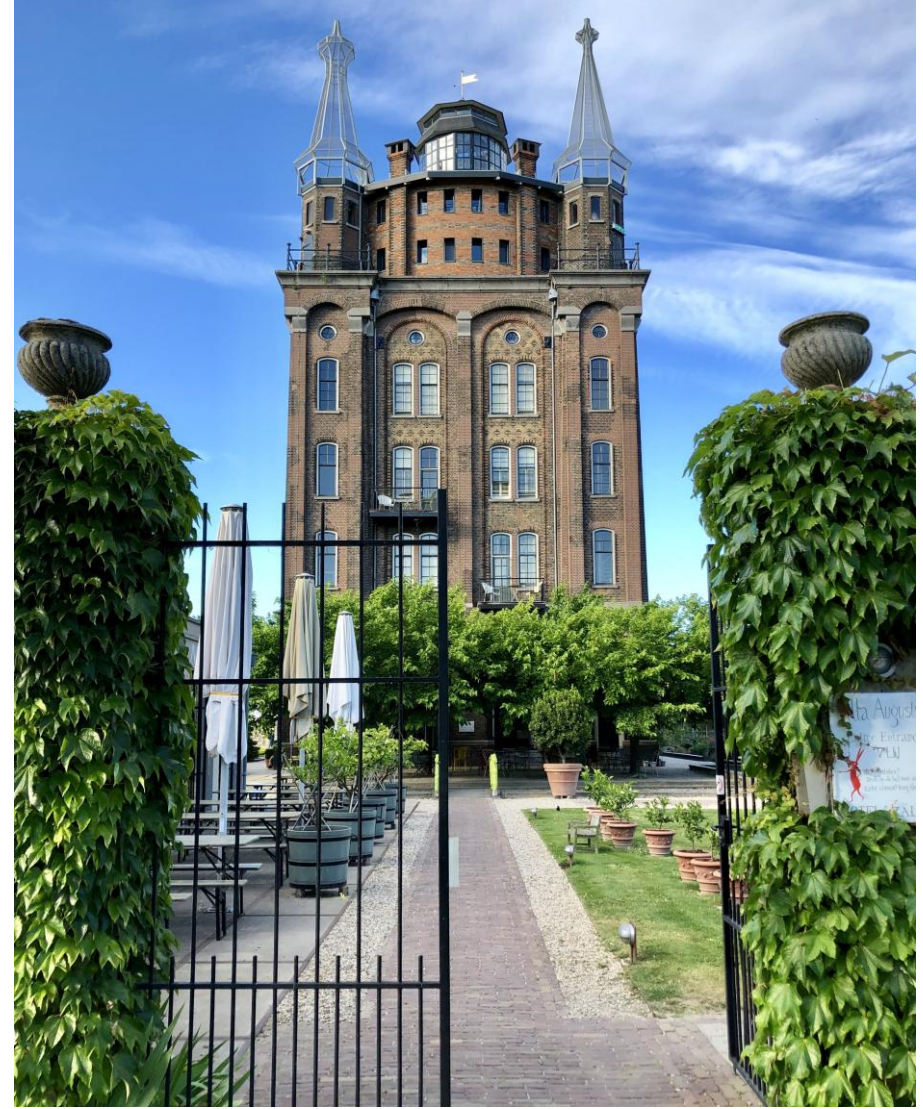
Villa Augustus



Watertoren of Dordrecht (RegionaalArchiefDordrecht, 1910).



Villa Augustus as event location (*The Wedding Story*, 2022).



Villa Augustus (SelectedByRG, 2025).

Energiehuis



Aerial photograph of the powerplant
(Regionaal Archief Dordrecht, 1963).



Energiehuis (AD, 2024).

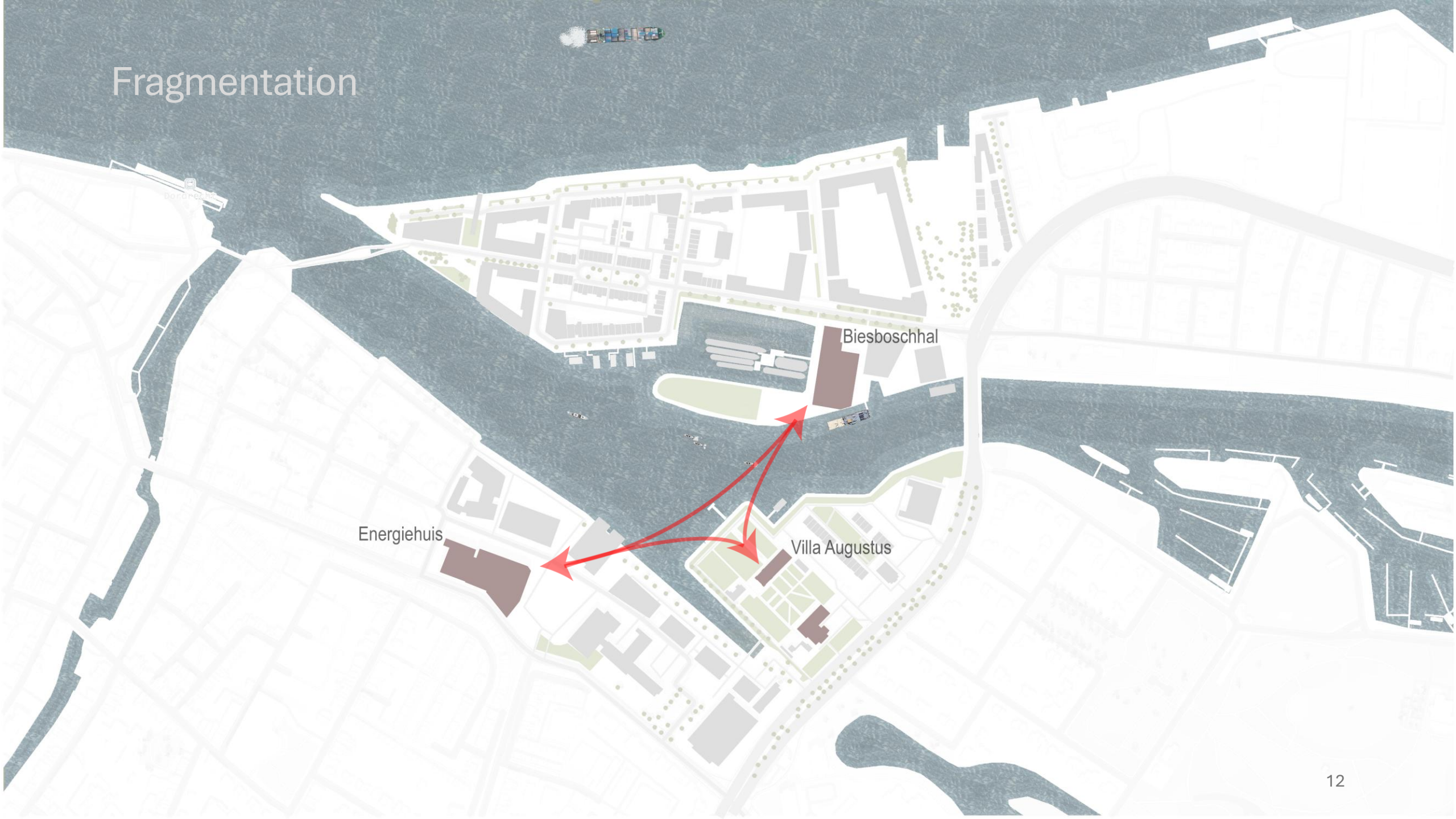


Interior of Energiehuis (ArchitectenWeb, 2025).



Bibelot in Energiehuis (Bibelot, 2025).

Fragmentation



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Research question



“What historical waterfront elements of Stadswerven embody positive value for the design of the connection?”

Lijnbaan



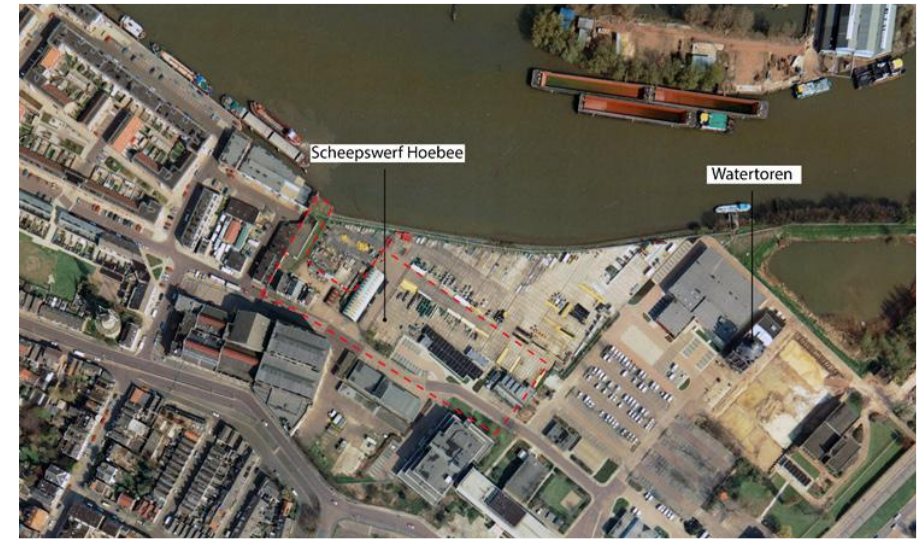
A painting by A. van Strij depicting houtvlotterij at Lijnbaan (Ver. Oud-Dordrecht 2001, 2001).



A painting by A. van Wanum illustrating the mill landscape of Lijnbaan (RegionaalArchiefDordrecht, 1770).

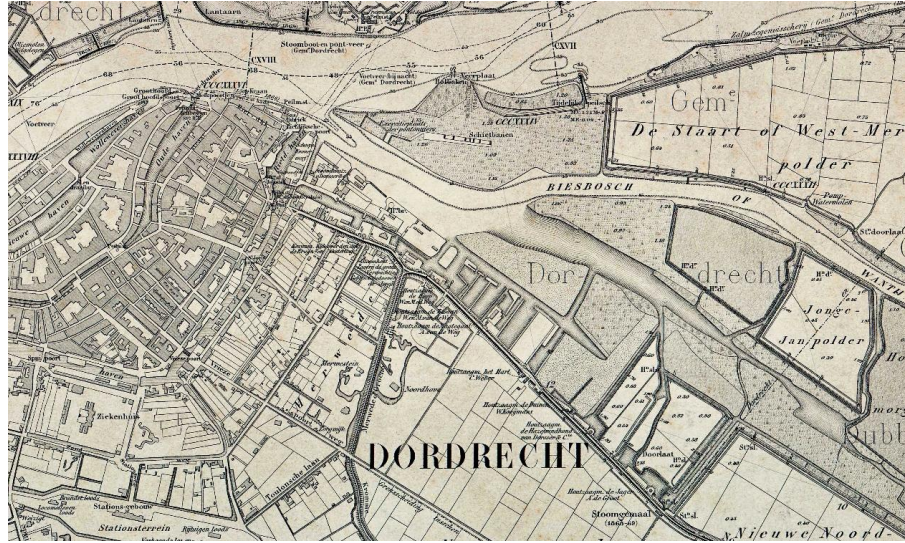


Scheepswerf Hoebee (RegionaalArchiefDordrecht, 1935).



Aerial photograph of Lijnbaan (DordrechtPlattegronden, 1994).

Watertorenterrein



The map of Dordrecht illustrates newly constructed land (DordrechtPlattegronden, 1878).



Aerial photograph of Watertorenterrein (RegionaalArchiefDordrecht, 1964).



Aerial photograph of Watertorenterrein (RegionaalArchiefDordrecht, 1920).



Aerial photograph of Lijnbaan (DordrechtPlattegronden, 1994).

De Staart



Aerial photograph of De Staart
(RegionaalArchiefDordrecht, 1900).



Aerial photograph of De Staart
(RegionaalArchiefDordrecht, 1924).



Photograph of the Pontonniers
(RegionaalArchiefDordrecht, 1920).



Photograph of the Amerikaanse Helling of N.V. Scheepswerf
en Machinefabriek De Biesbosch (RegionaalArchiefDordrecht,
1949).

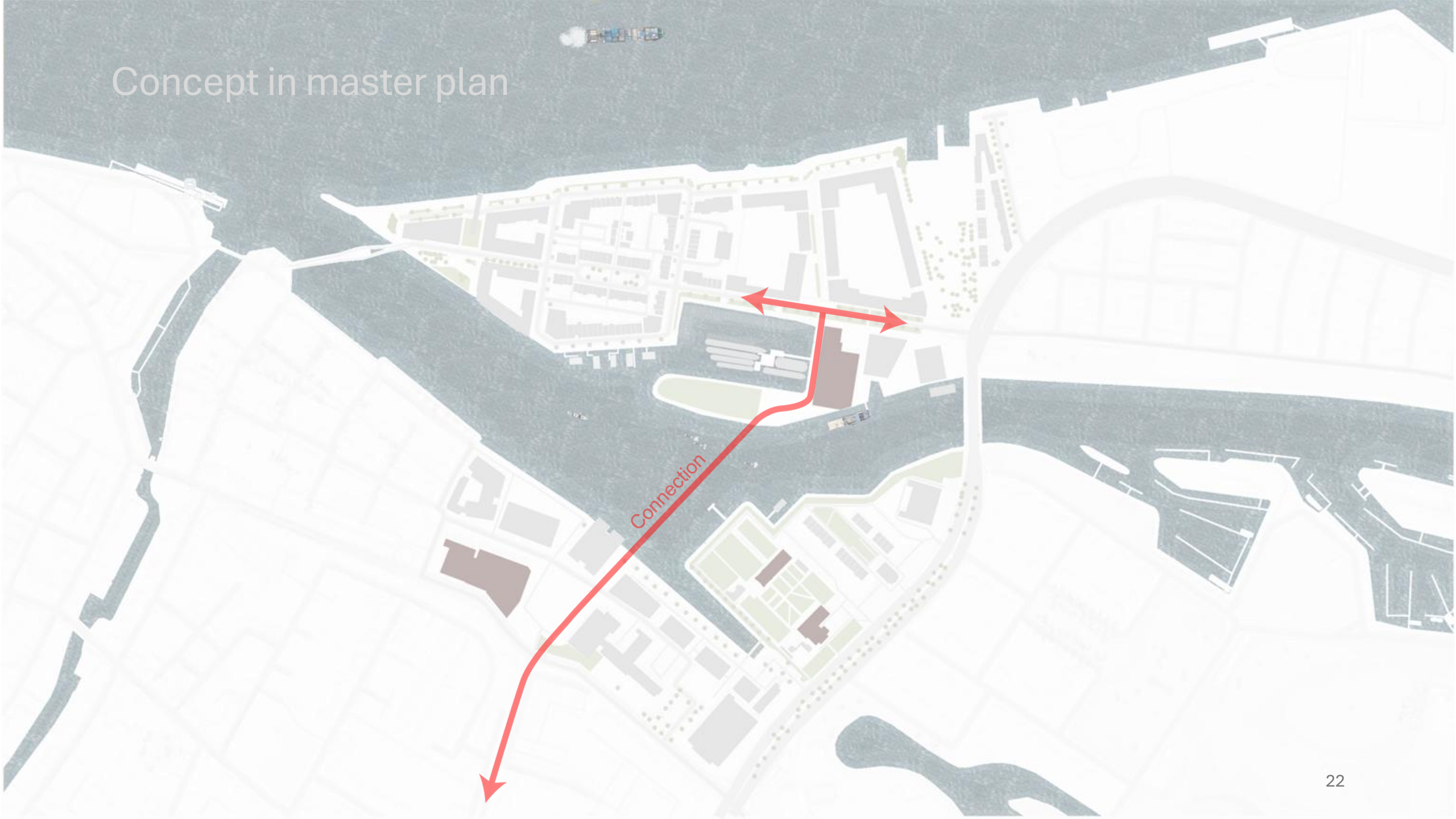
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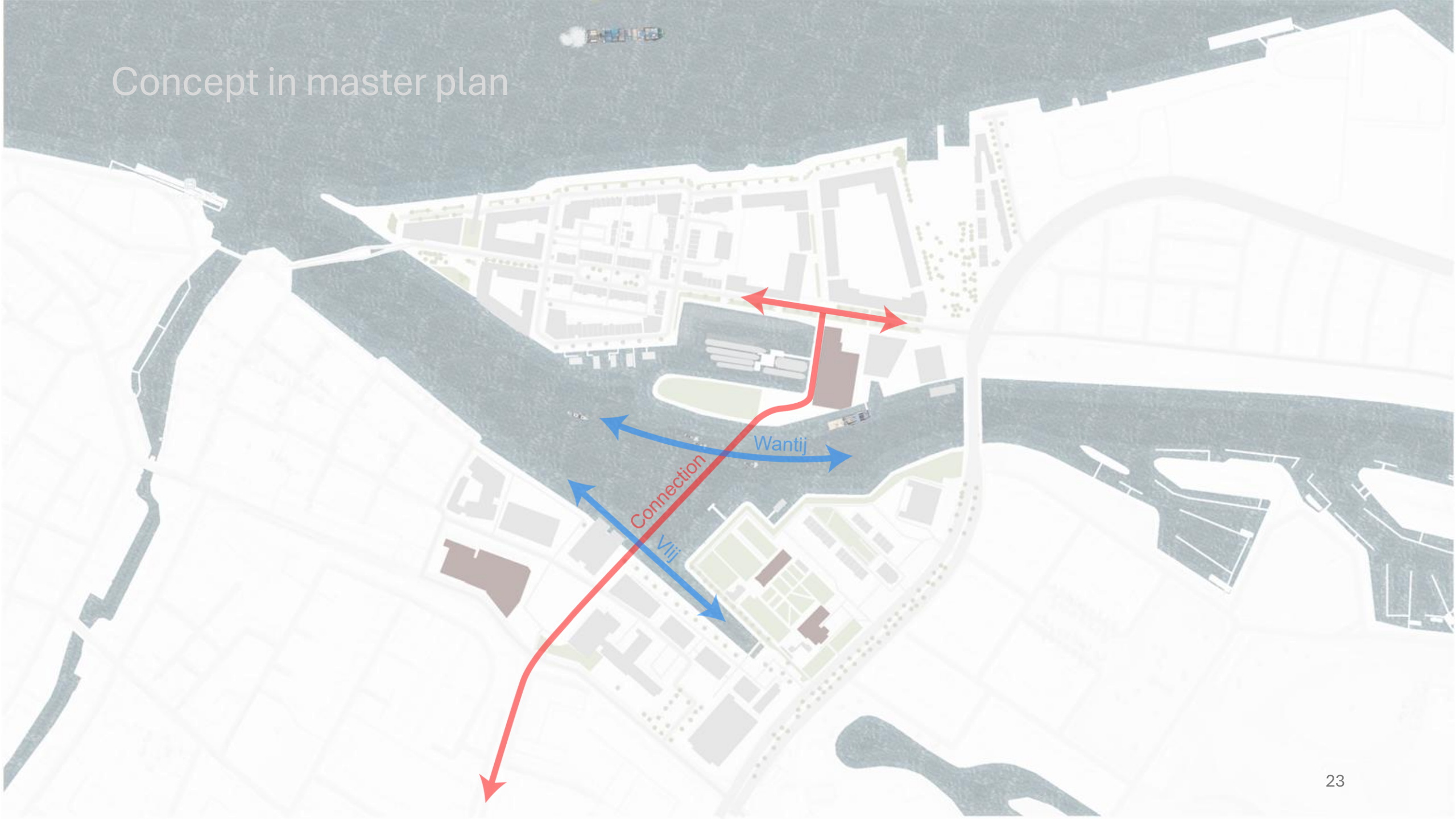
Research

Design

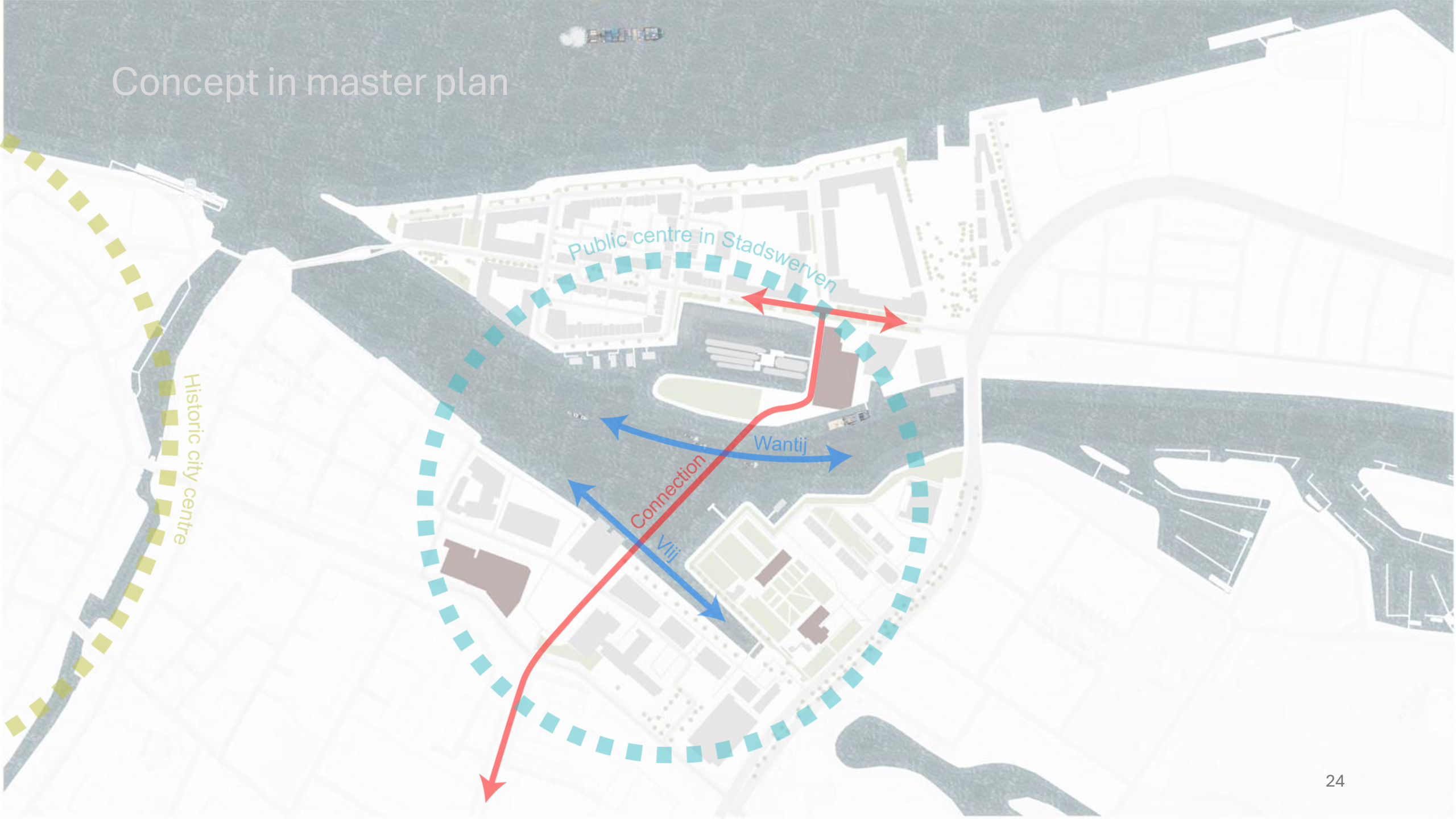
Concept in master plan



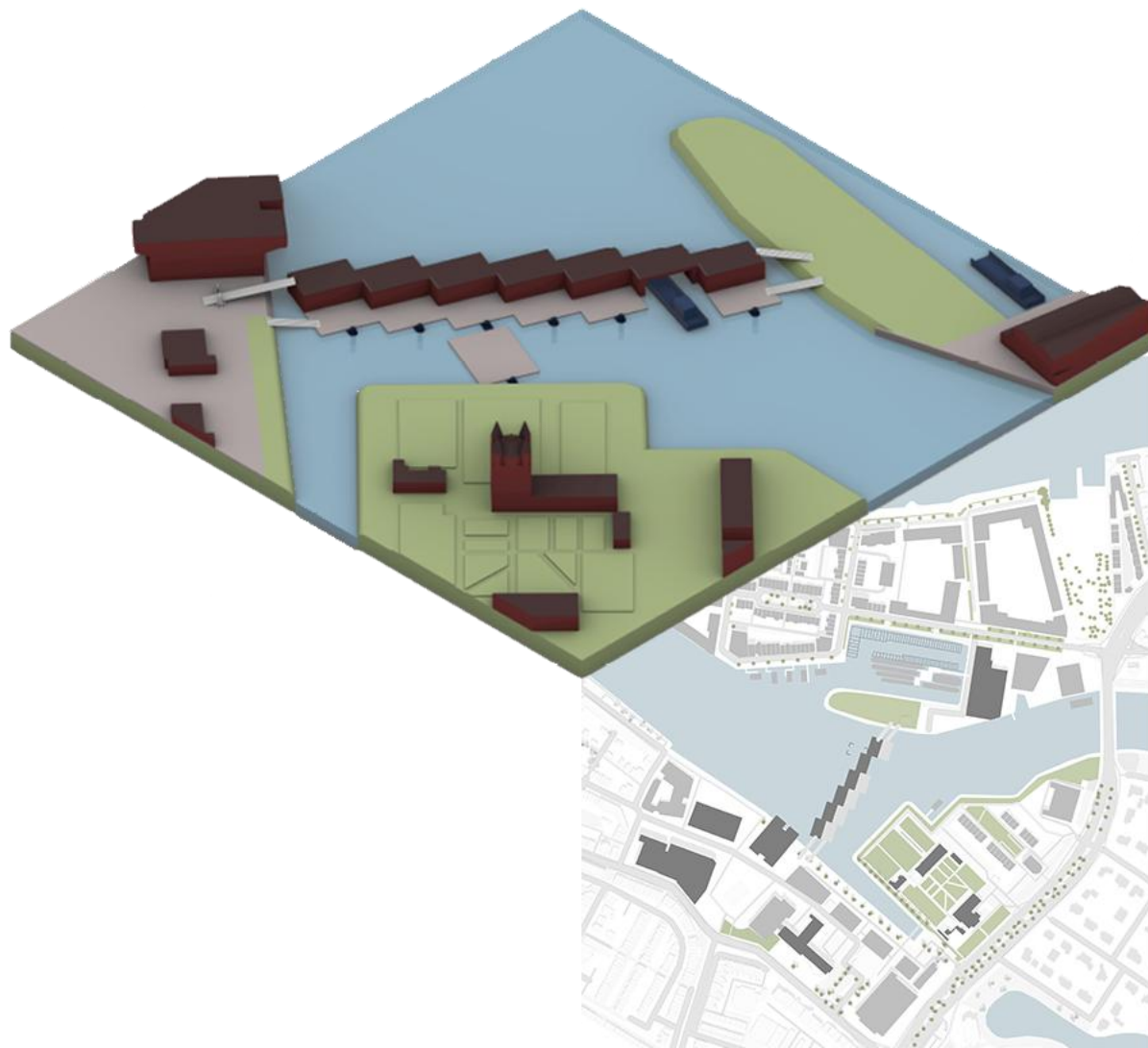
Concept in master plan



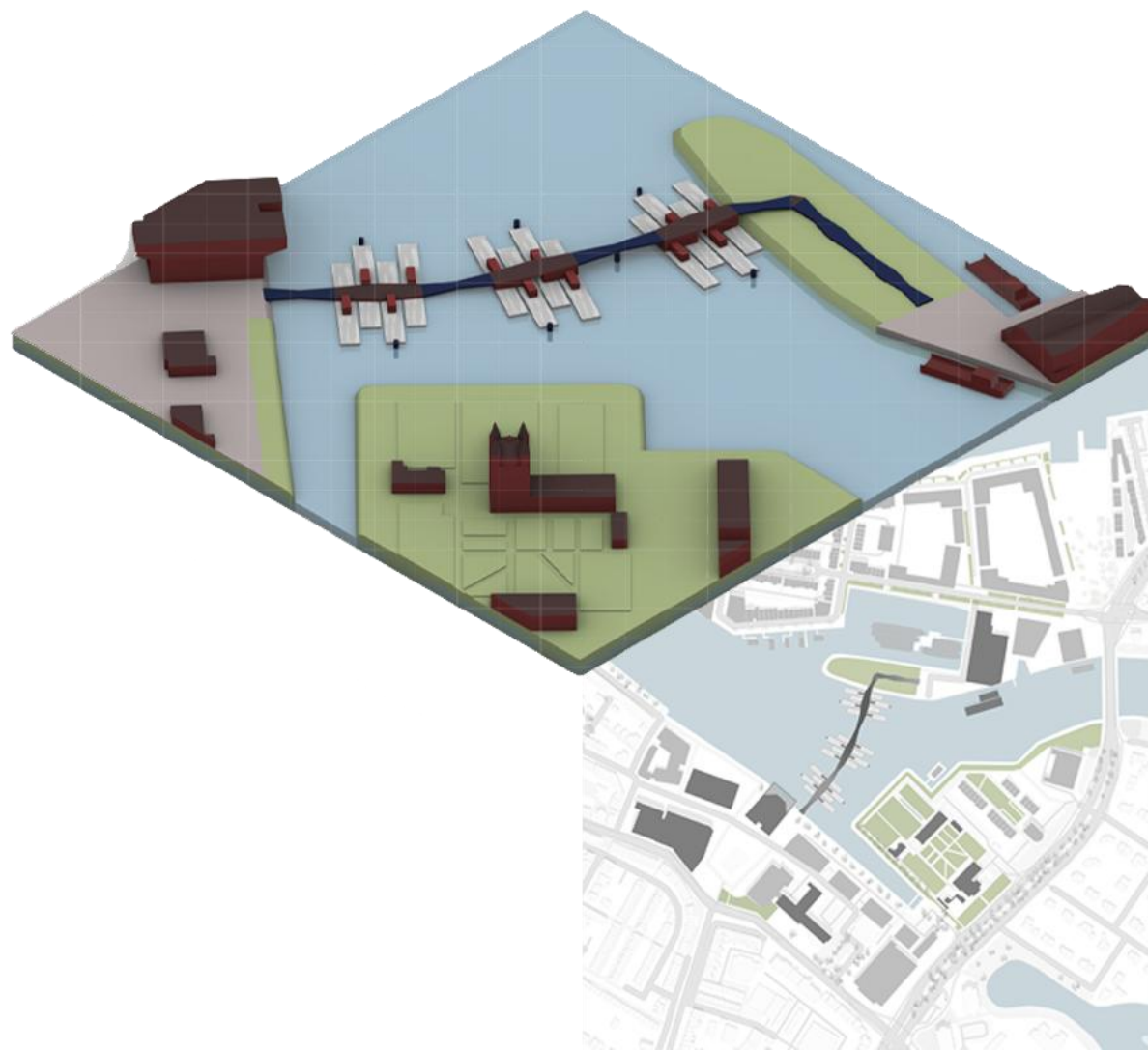
Concept in master plan



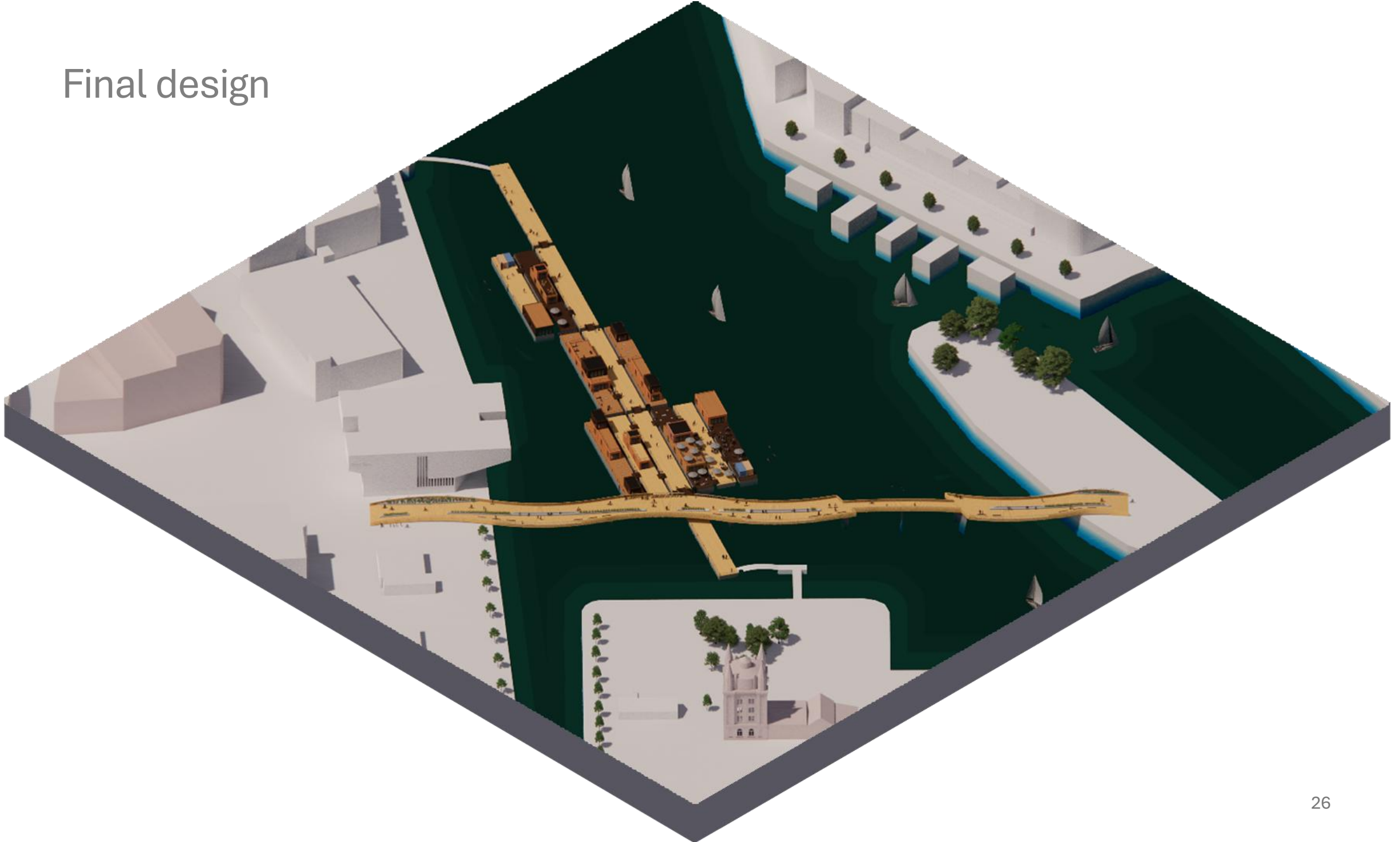
Sketch design



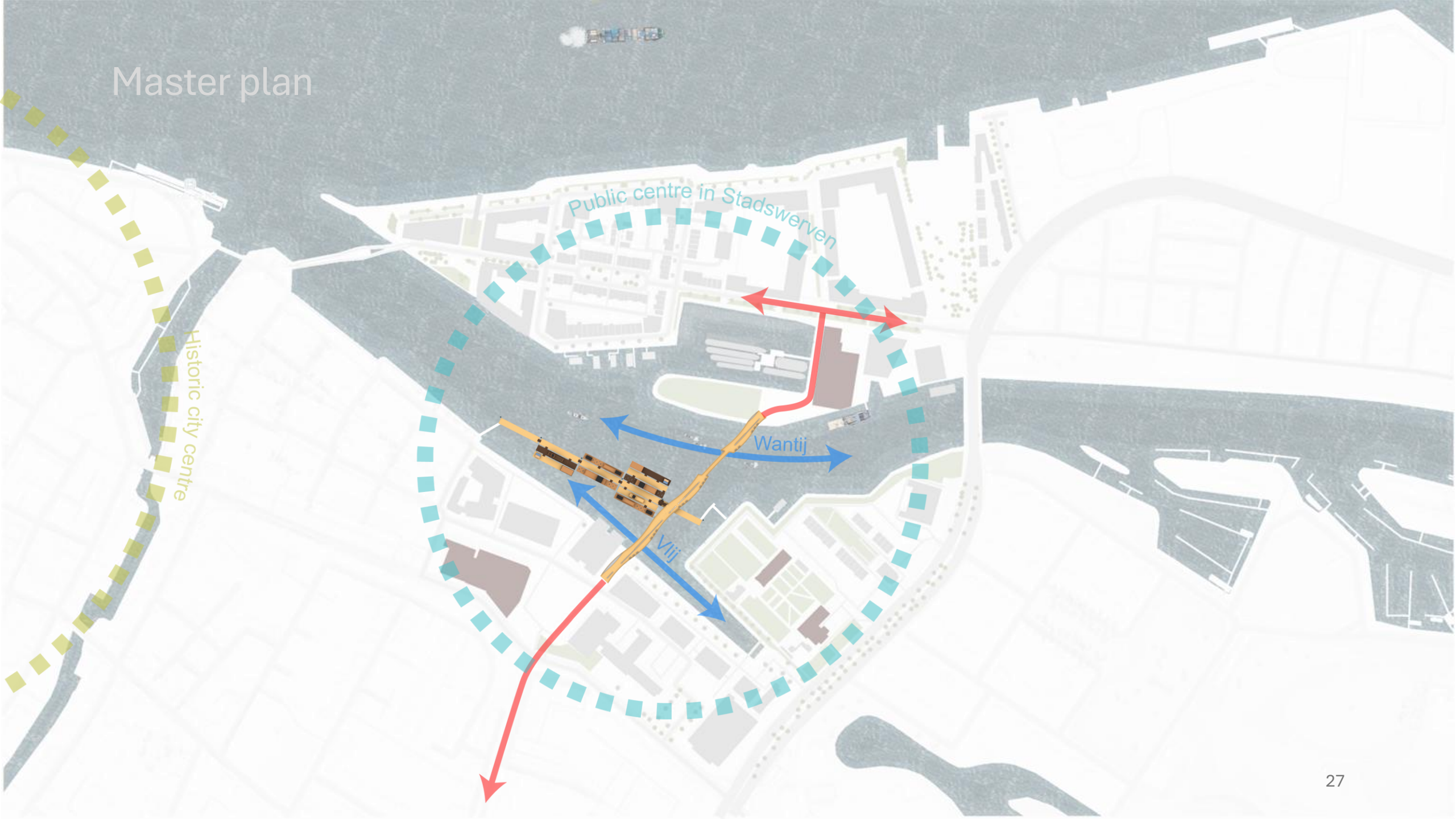
Preliminary design



Final design



Master plan



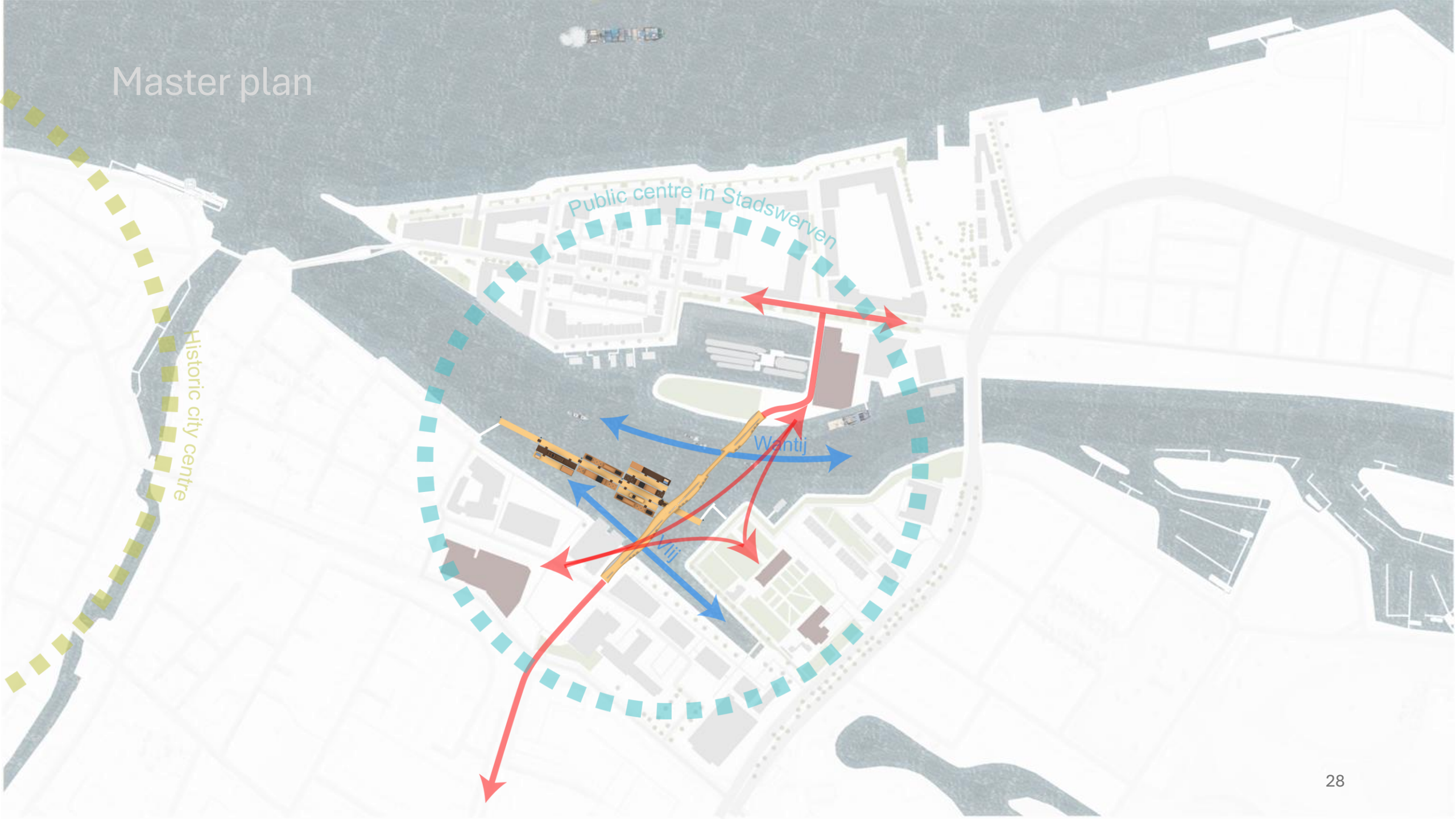
Historic city centre

Public centre in Stadswerven

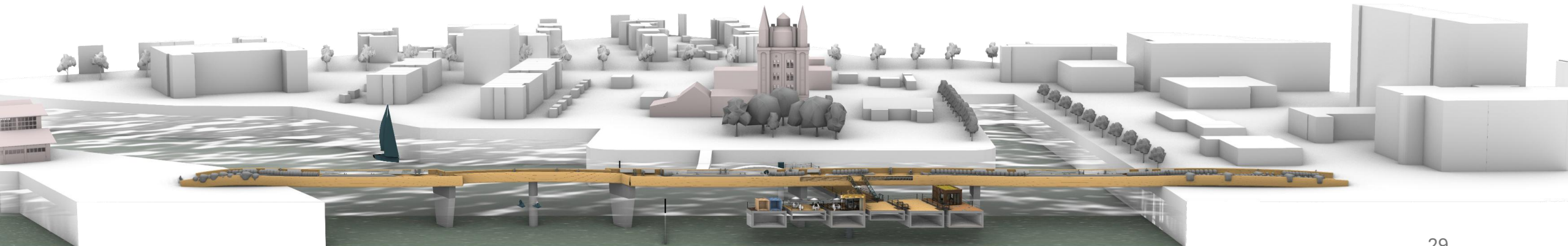
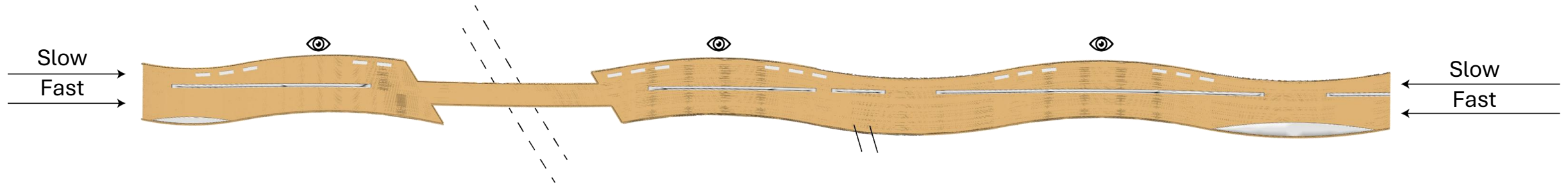
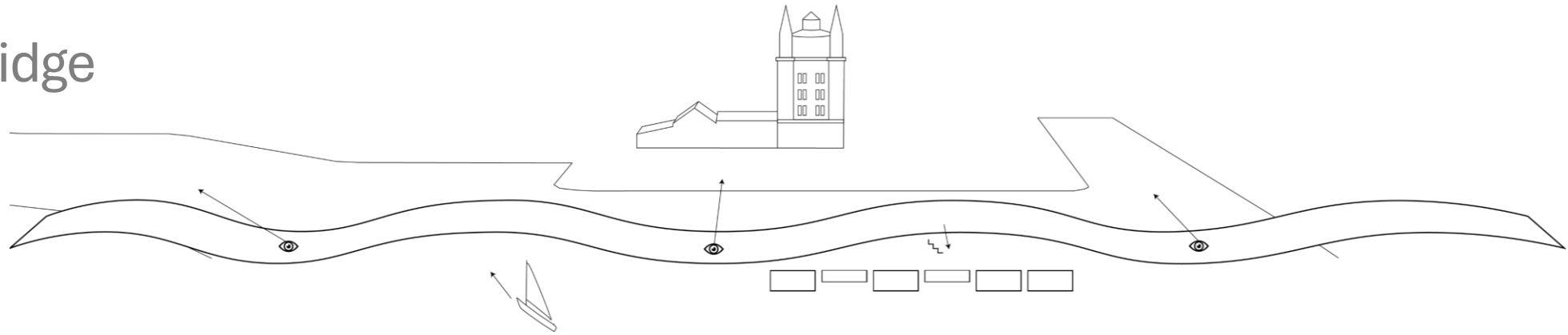
Wantij

Vrij

Master plan



Bridge

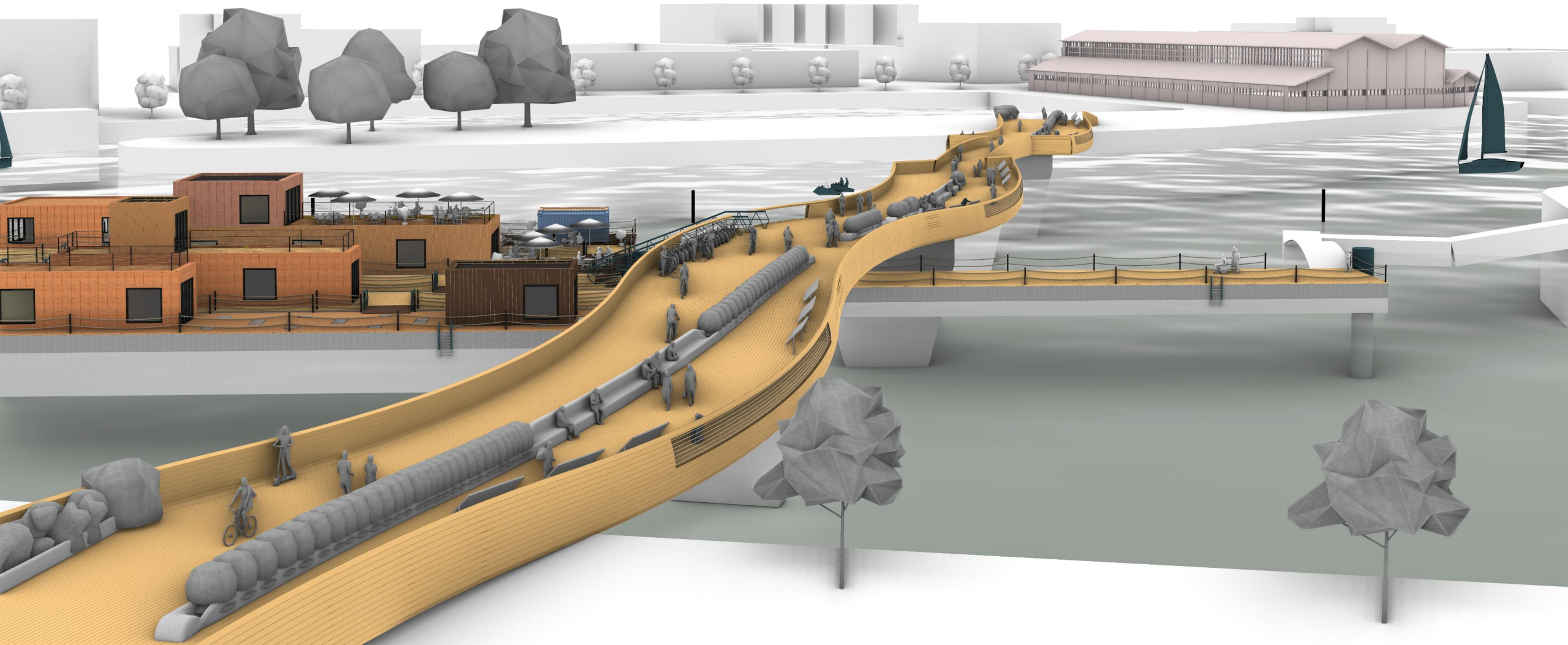








Materialisation



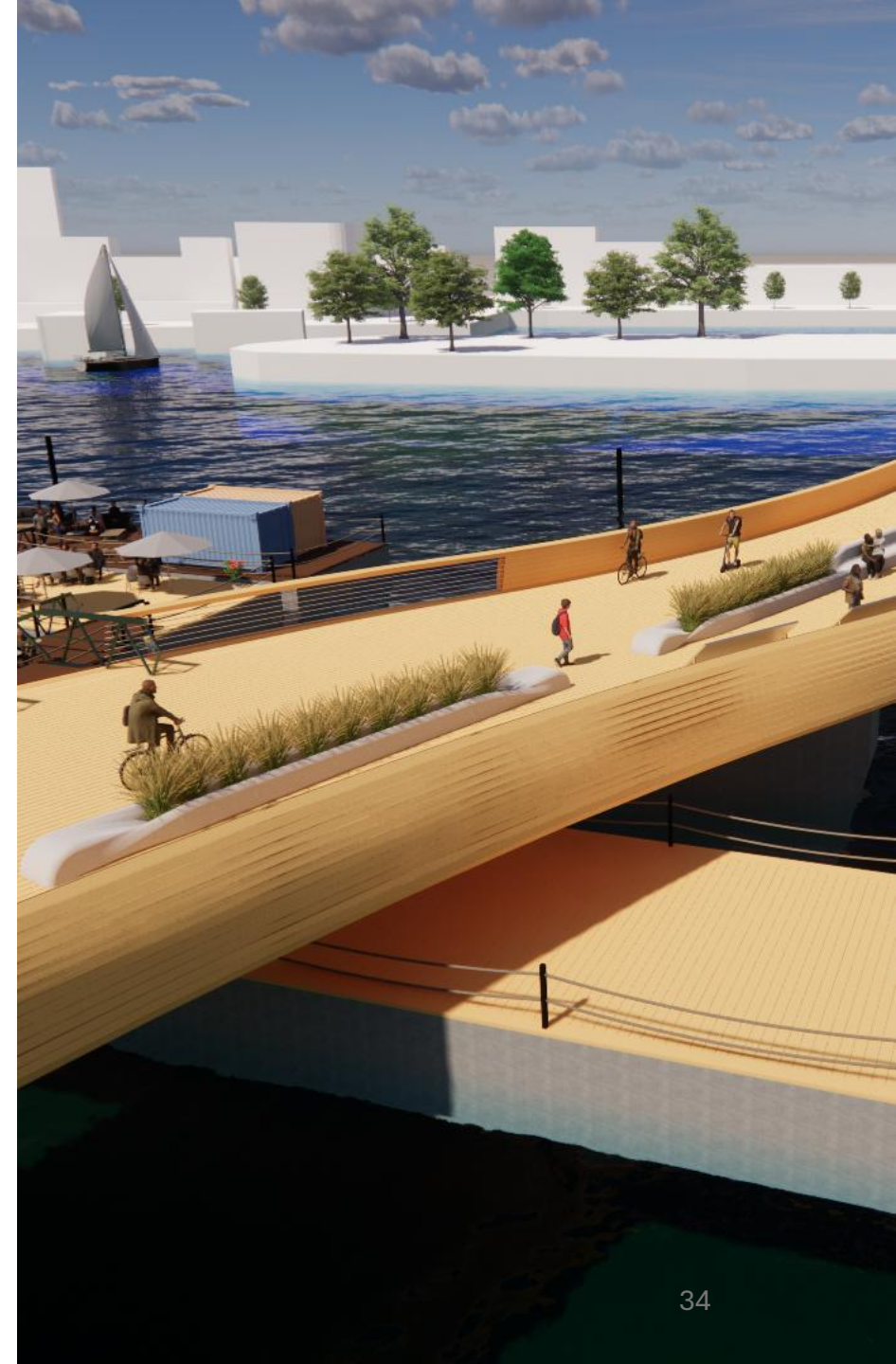


Douglasie

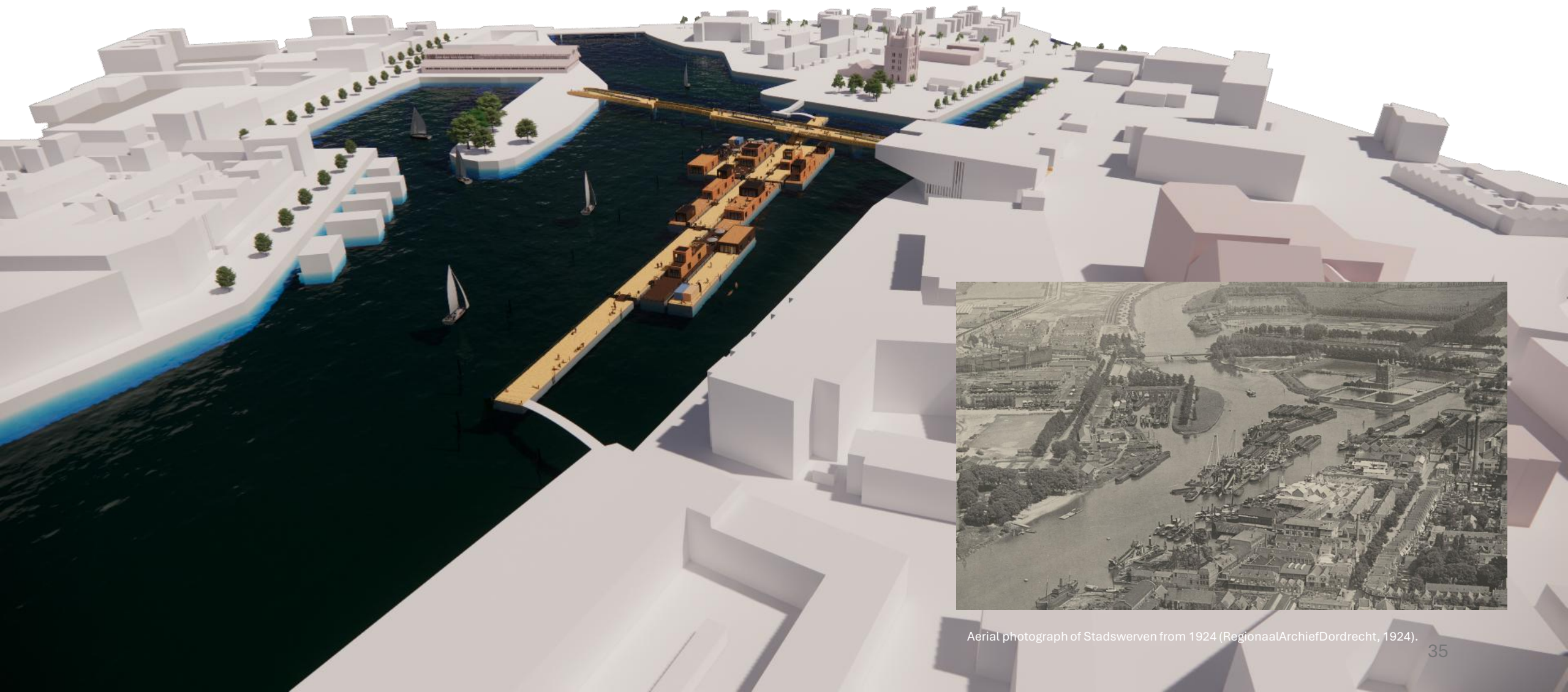
Aluminium

Steel

Concrete



Public centre



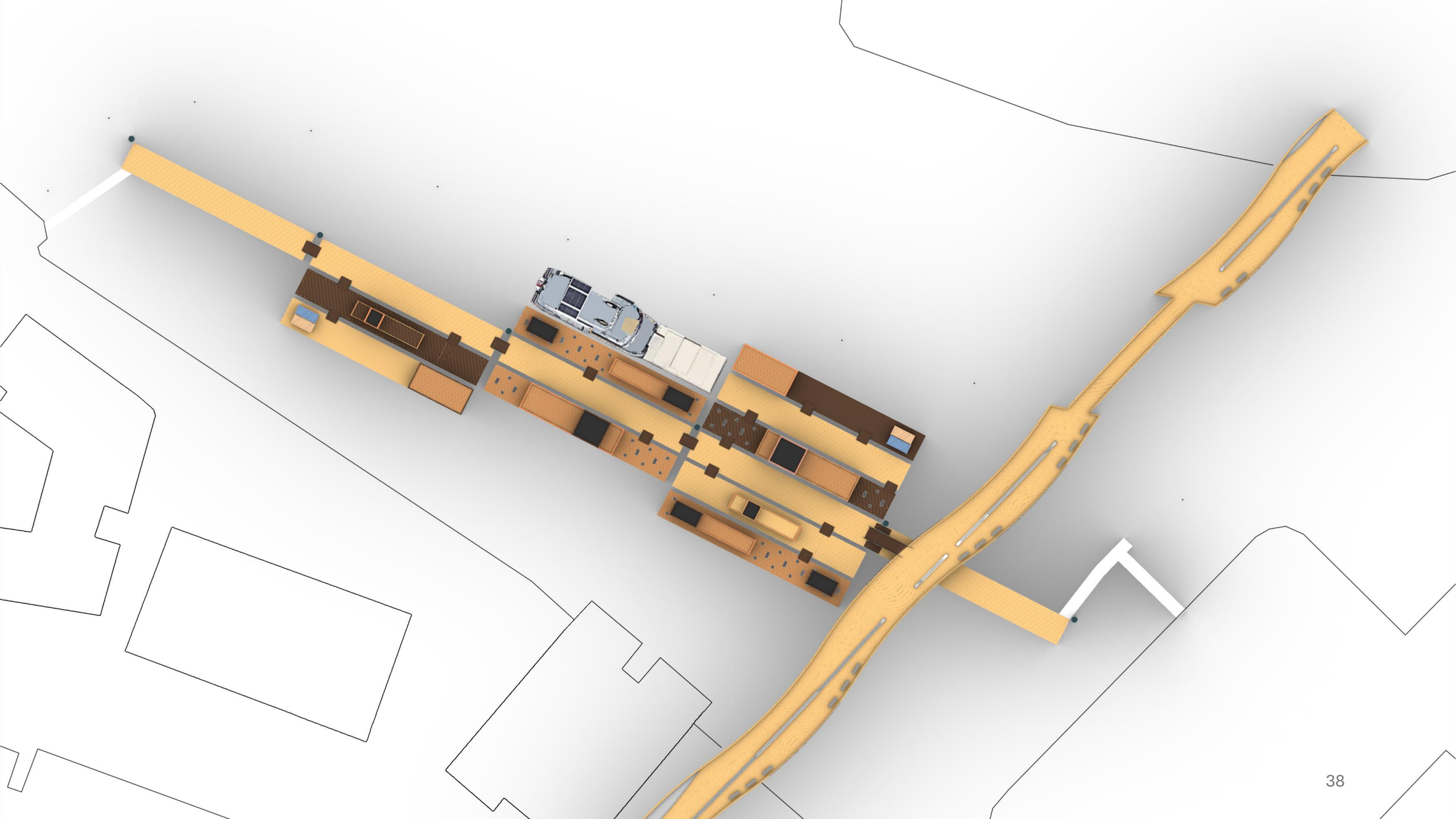
Aerial photograph of Stadswerven from 1924 (RegionaalArchiefDordrecht, 1924).

Structure?

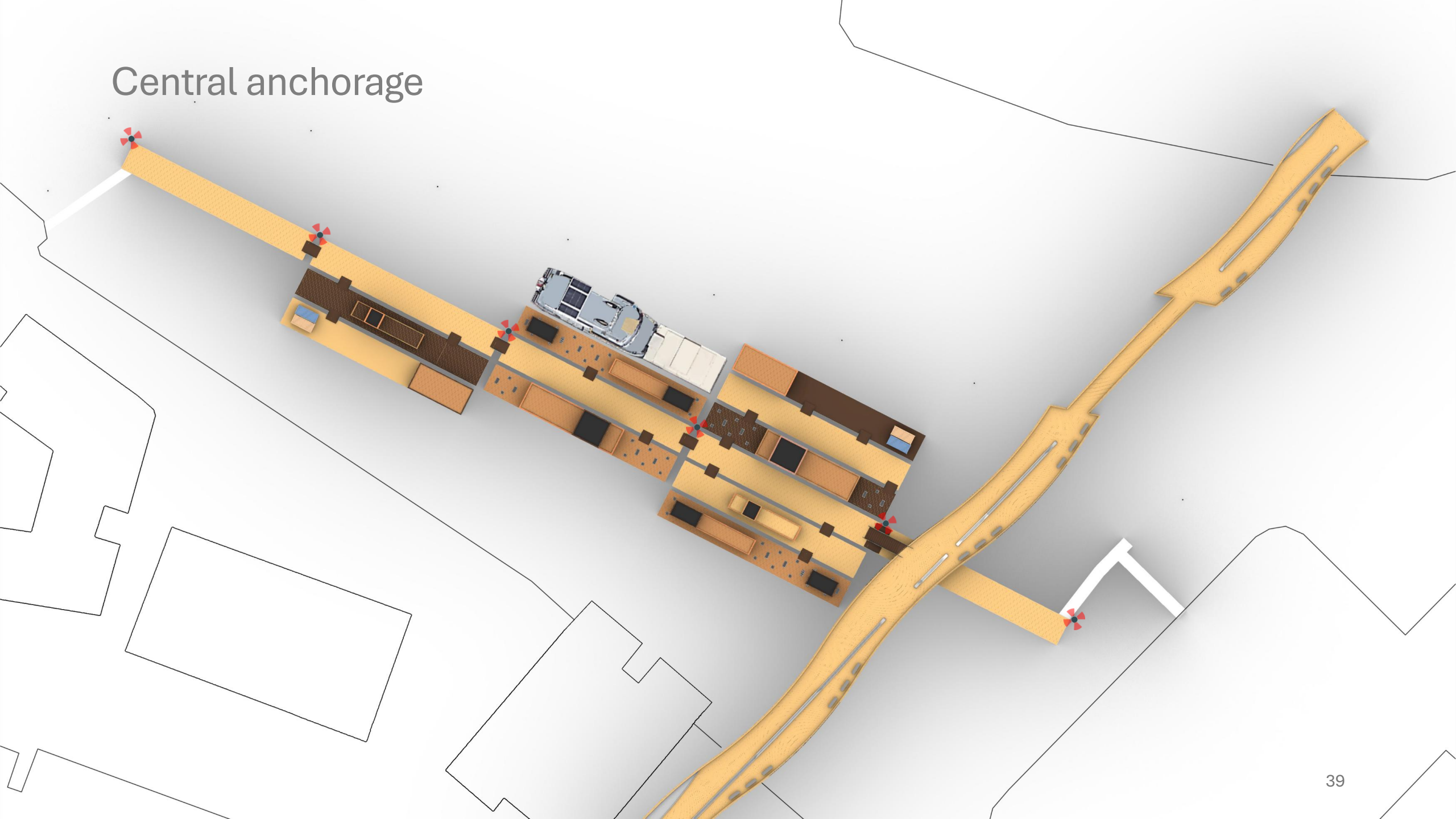


Structure!

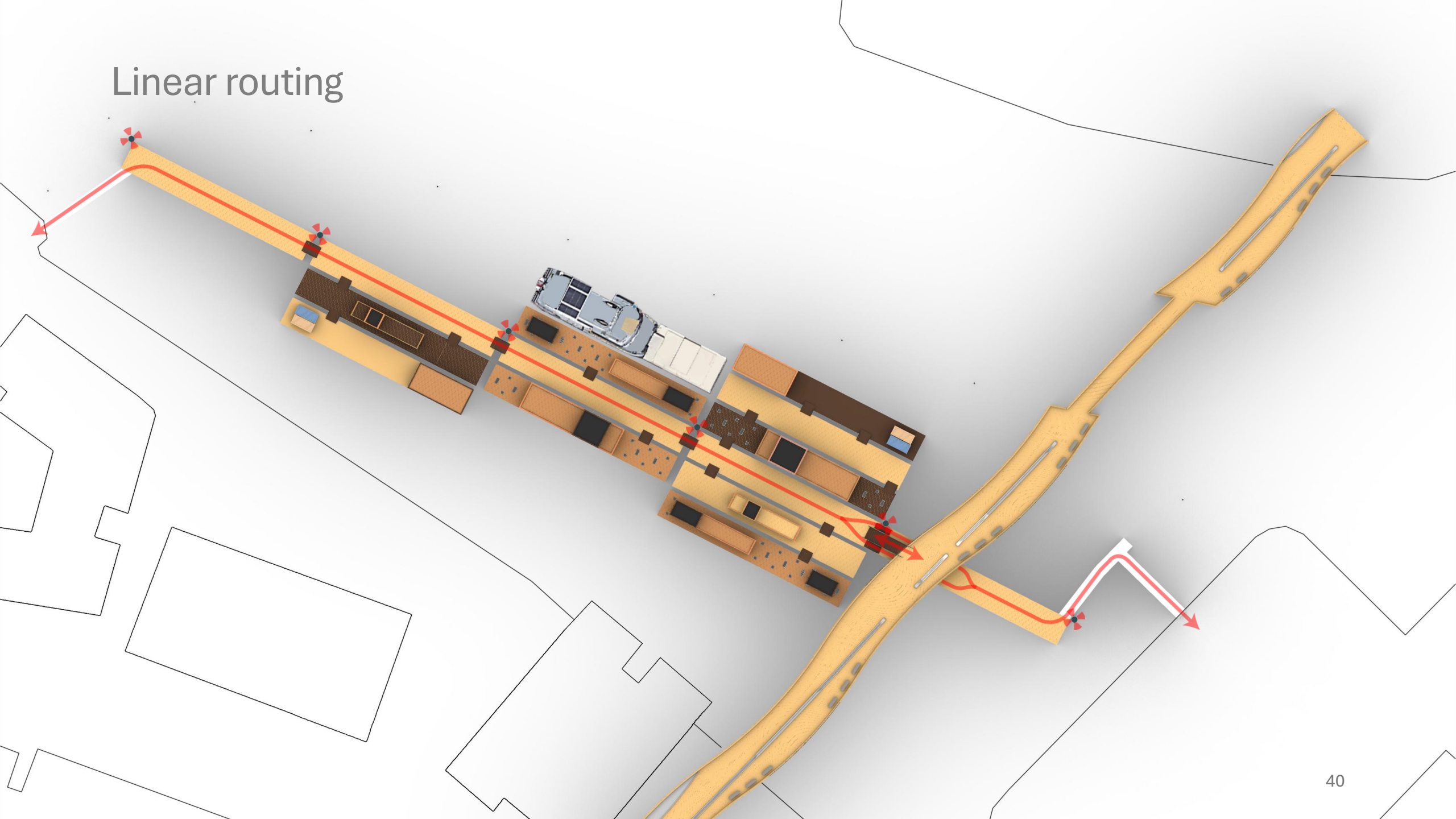




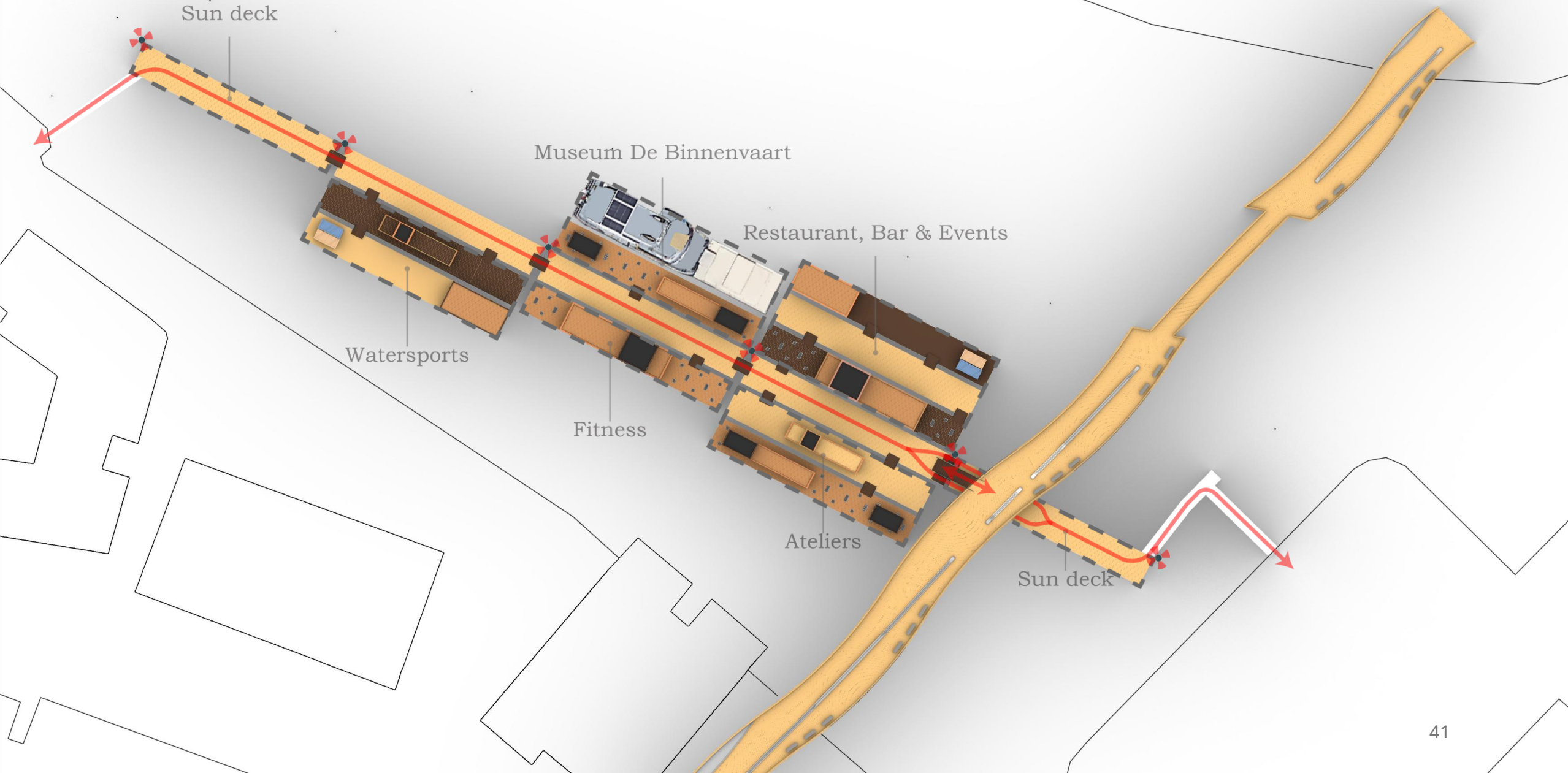
Central anchorage



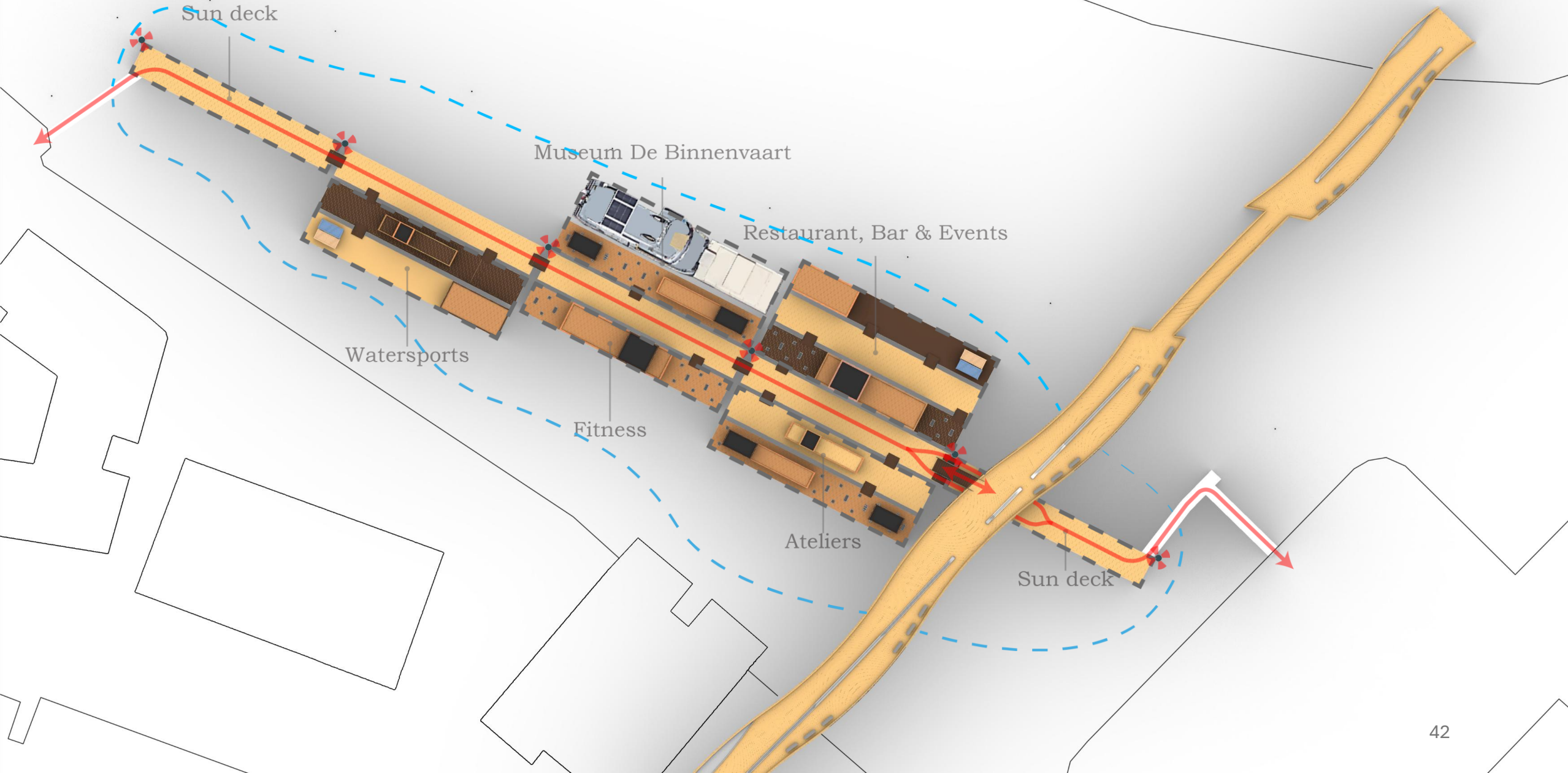
Linear routing



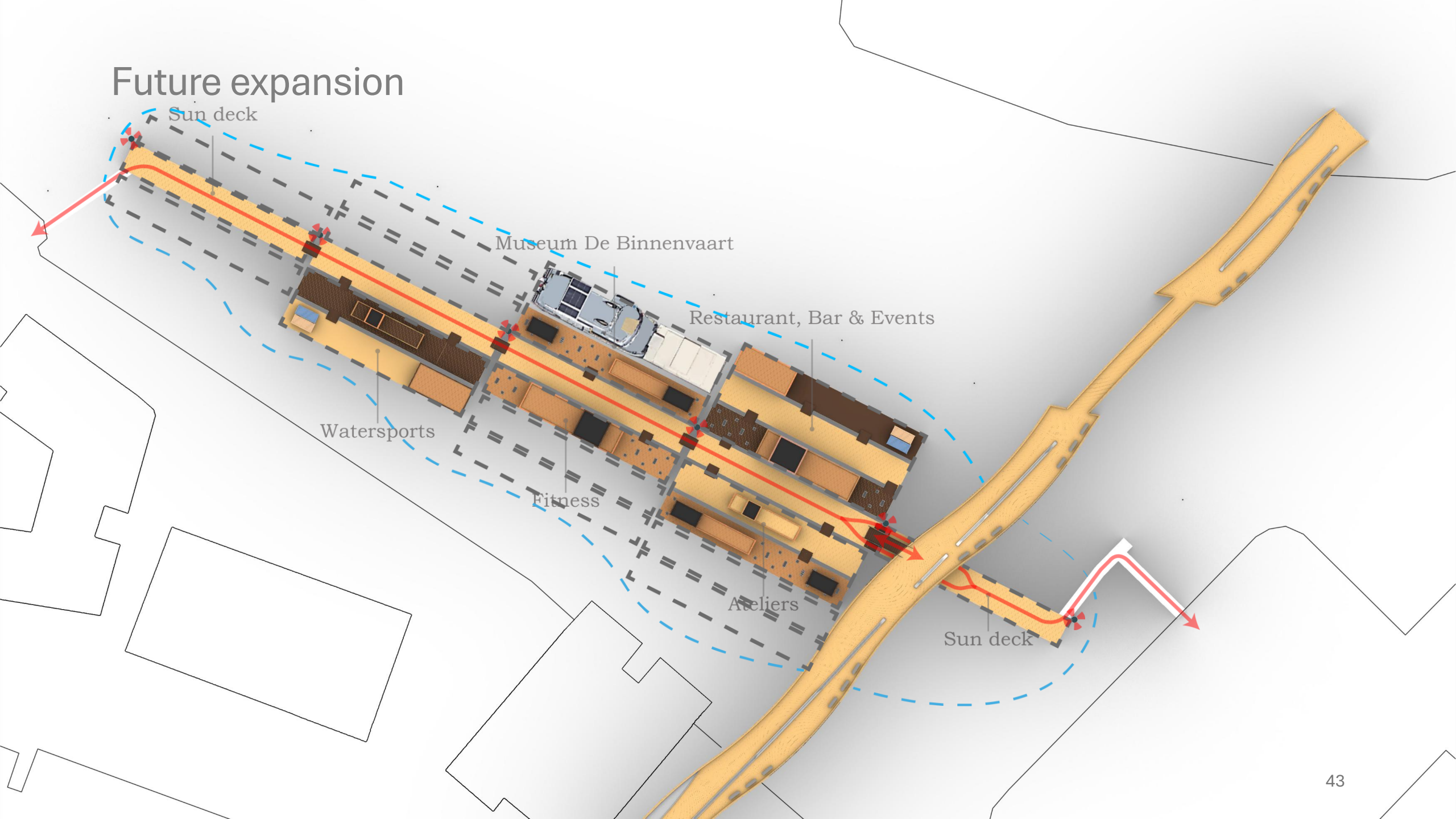
Public functions



Water sports lap 500m



Future expansion



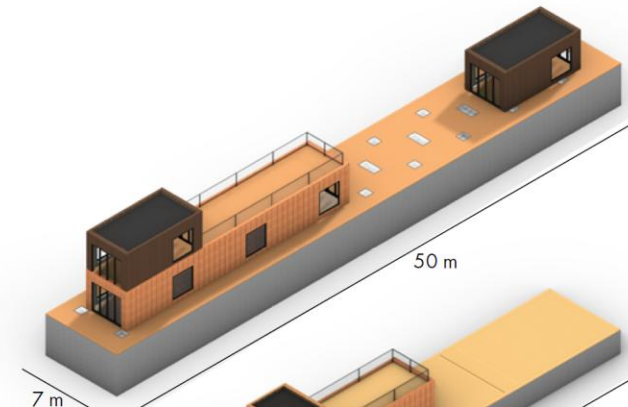
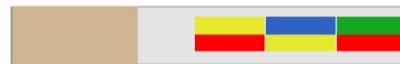
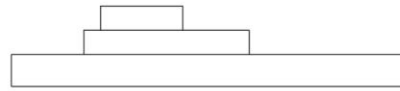




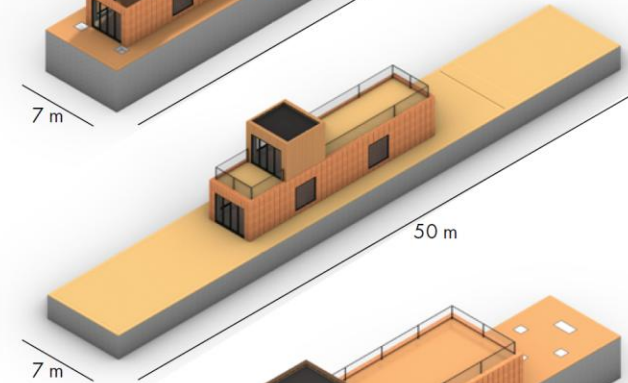
Modular structure



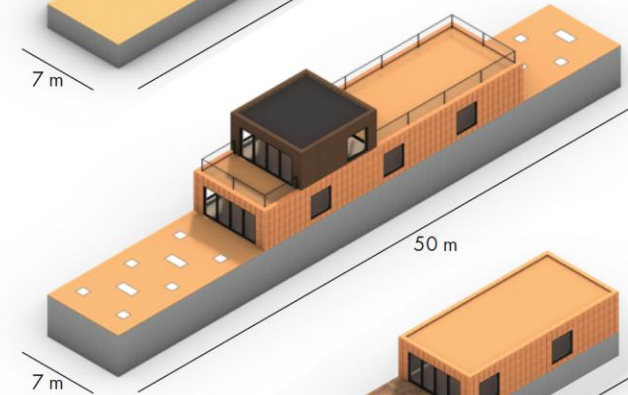
Various inland navigation ships from Museum 'De Binnenvaart' served as source of inspiration for the shape of the modules (D. Zimmerman, 2025).



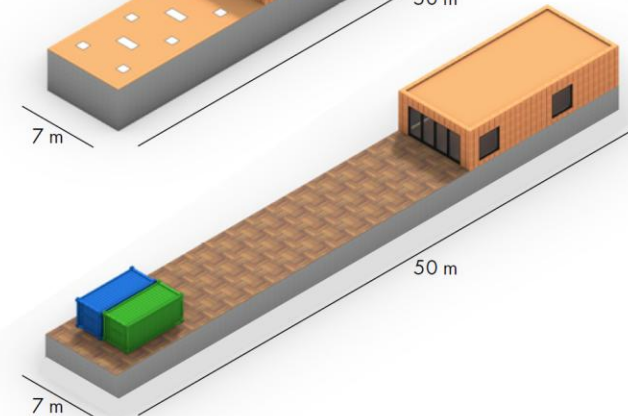
Module 1
Interior: 475 m²
Exterior: 295 m²



Module 2
Interior: 75 m²
Exterior: 345 m²

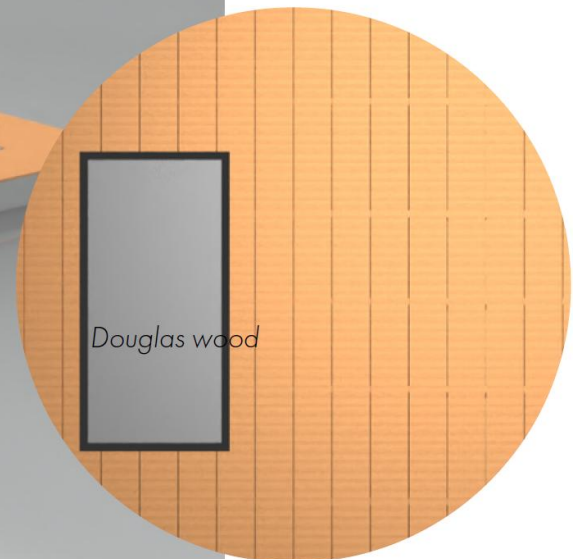
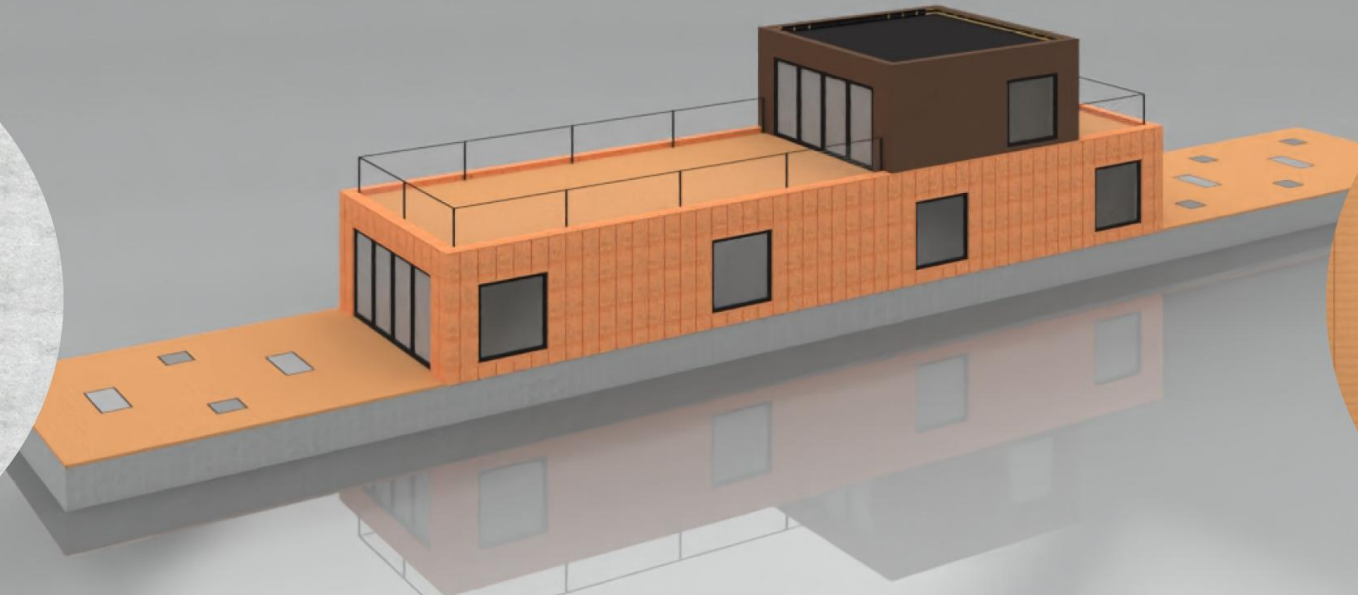
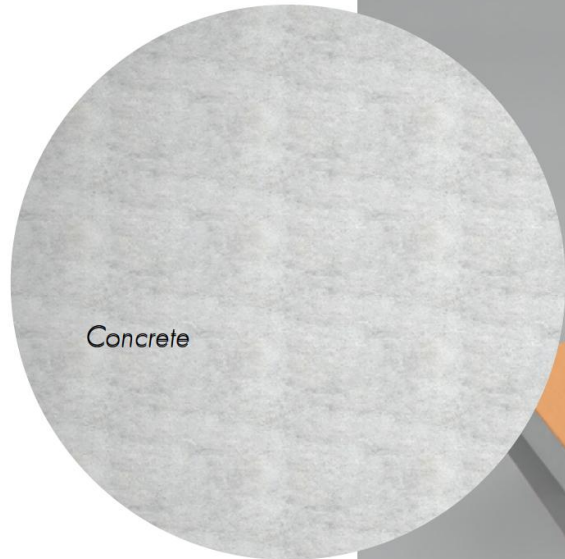
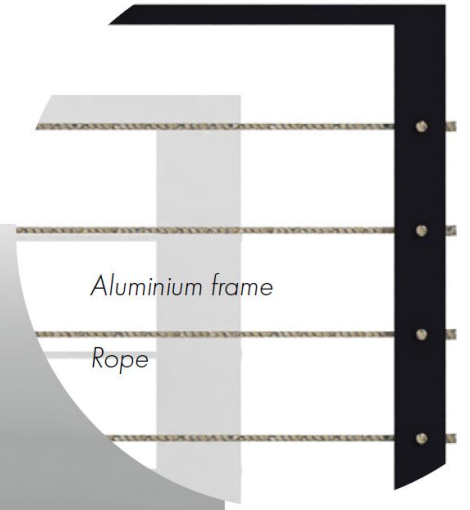
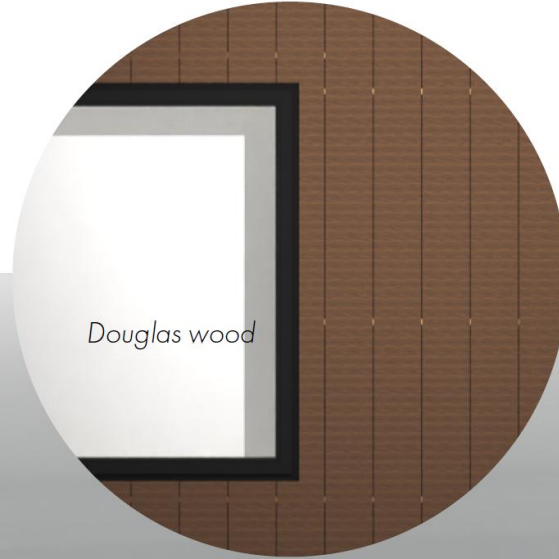


Module 3
Interior: 560 m²
Exterior: 300 m²

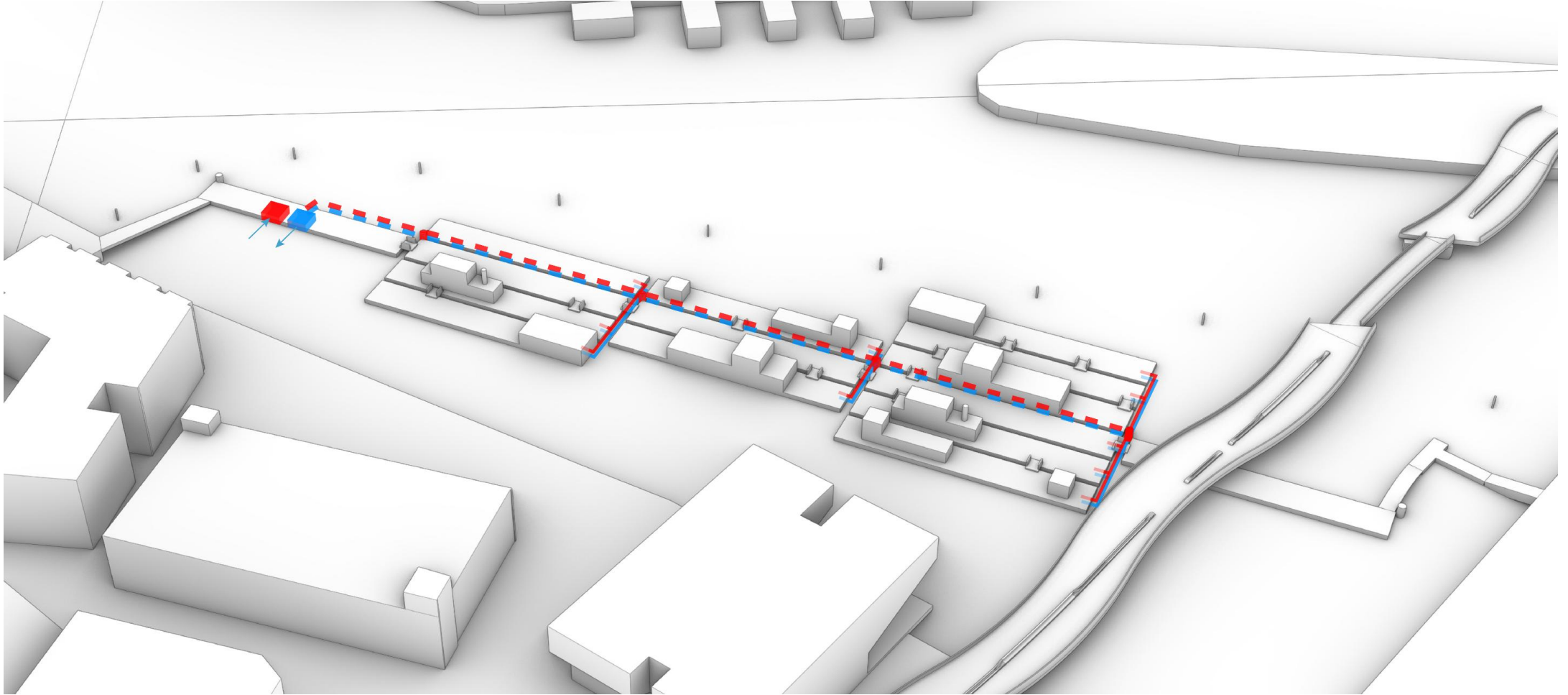


Module 4
Interior: 100 m²
Exterior: 250 m²

Materialisation



Thermal energy from surface water



Local installations

