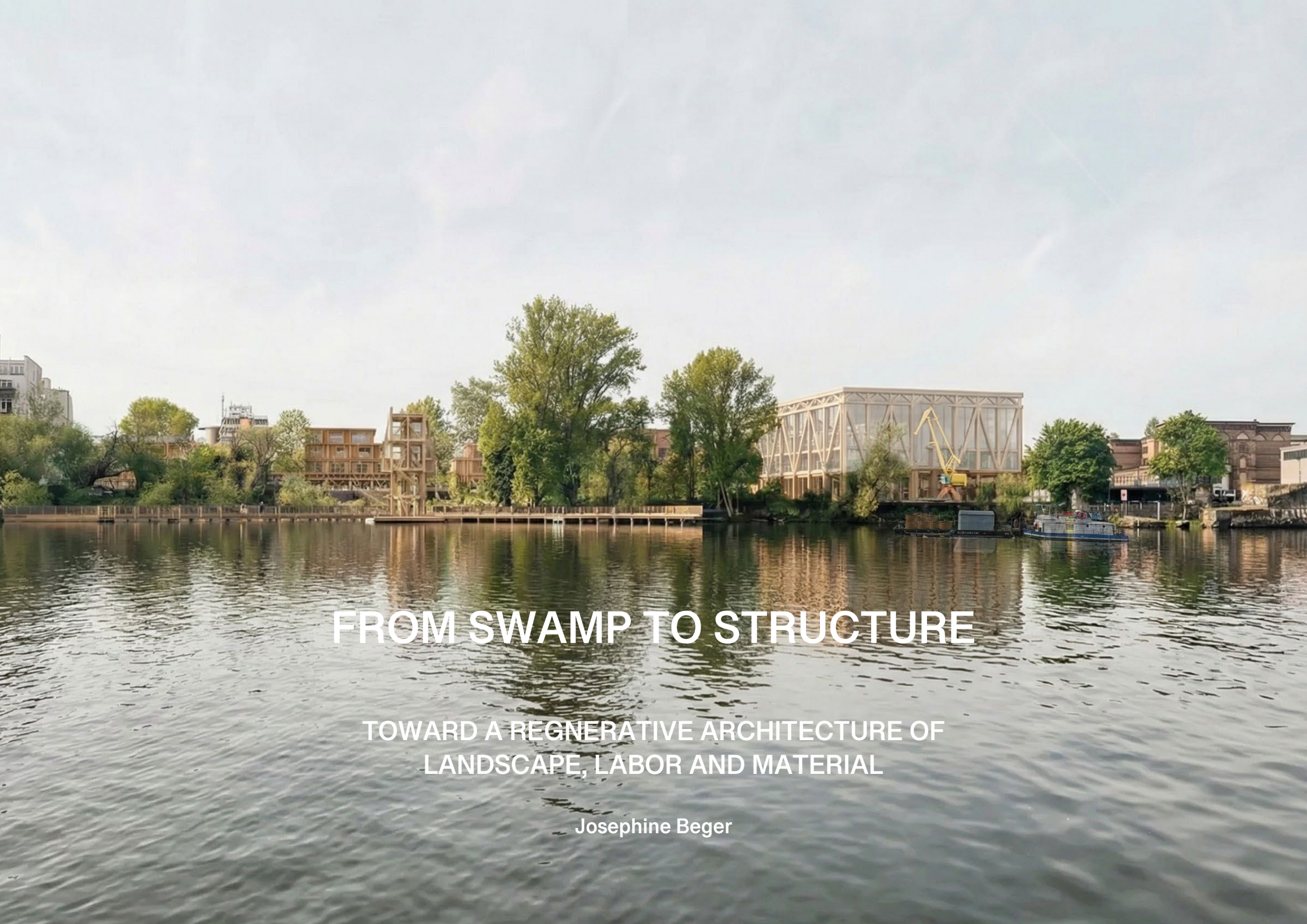


A wide-angle photograph of a waterfront construction site. In the foreground, a body of water reflects the sky and the structures. The middle ground features several wooden buildings under construction, including a large, rectangular structure with a prominent wooden frame and glass panels. A yellow crane is visible near this structure. To the left, there are more wooden buildings and a small dock. The background is filled with lush green trees and a clear sky. The overall scene suggests a regenerative architectural project in a natural setting.

FROM SWAMP TO STRUCTURE

TOWARD A REGNERATIVE ARCHITECTURE OF
LANDSCAPE, LABOR AND MATERIAL

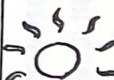
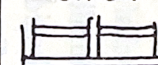
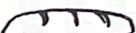
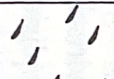
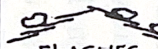
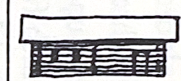
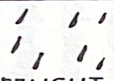
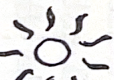
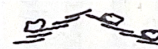
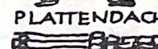
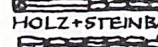
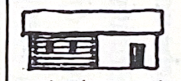
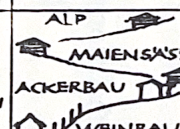
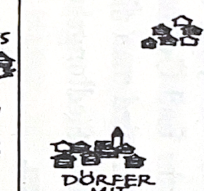
Josephine Beger



“Materials are not merely functional, but cultural and ecological mediators – capable of shaping new architectural languages grounded in place.”

(Hutton in “Reciprocal Landscapes”, 2020)

NATUR WIRTSCHAFT HAUS UND SIEDLUNG LEBENSWEISE MENSCH

	KLIMA	WIRTSCHAFTSART	BAUSTOFF	BAUWEISE	HAUSFORM	HOF FORM	SIEDLUNGSFORM	ERNÄHRUNG	BAUERTYP
MITTELLAND	 TROCKEN	 ACKERBAU	 LAUBHOLZ	 STEILDACH STROH  STÄNDERBAU	 DREIßASSENHAUS FACHWERK	 EINHOF	 GESCHLOSSENE DÖRFER MIT DREIFELDERFLUR	 BROT	 ACKERBAUER
NORDALPINES GEBIET	 FEUCHT	 VIEHZUCHT	 NADELHOLZ	 FLACHES SCHINDELDACH  BLOCKBAU	 REINER HOLZBAU	 ALP MAIENSÄSS MEHRHOF: ALPWIRTSCHAFTL. STREUHOF	 EINZELHÖFE MIT GESCHLOSSENER FLUR ODER DÖRFER MIT STREUUNG DER WIRTSCHAFTS- GEBÄUDE	 MILCH	 HIRT
INNER-UND SÜD- ALPINES GEBIET	 FEUCHT  TROCKEN	 VIEHZUCHT UND ACKERBAU  (WEINBAU)	 HOLZ  STEIN	 SCHINDELDACH  PLATTENDACH  HOLZ+STEINBAU  STEINBAU	 HOLZ/STEINBAU  STEINBAU	 ALP MAIENSÄSS ACKERBAU WEINBAU MEHRHOF: STREUHOF DES MEHRZWECK- BAUERN	 DÖRFER FILIALSIEDLUNGEN	 BROT UND MILCH 	 MEHRZWECK- BAUER

source:

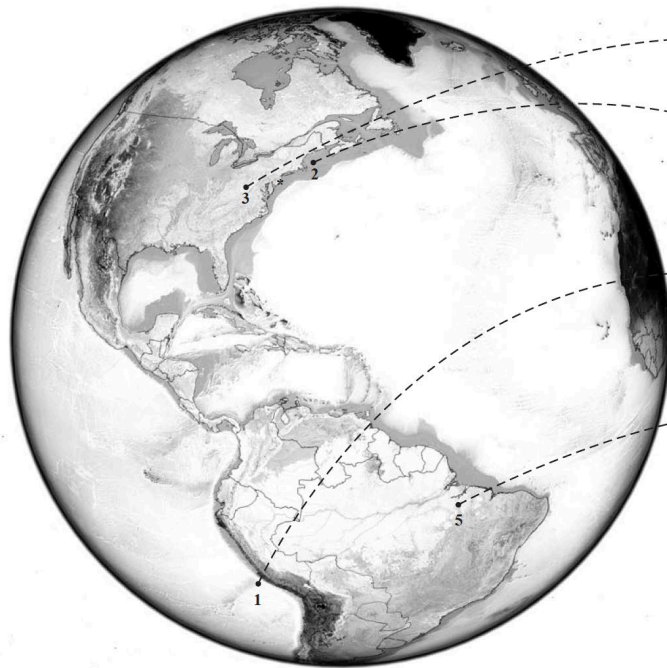
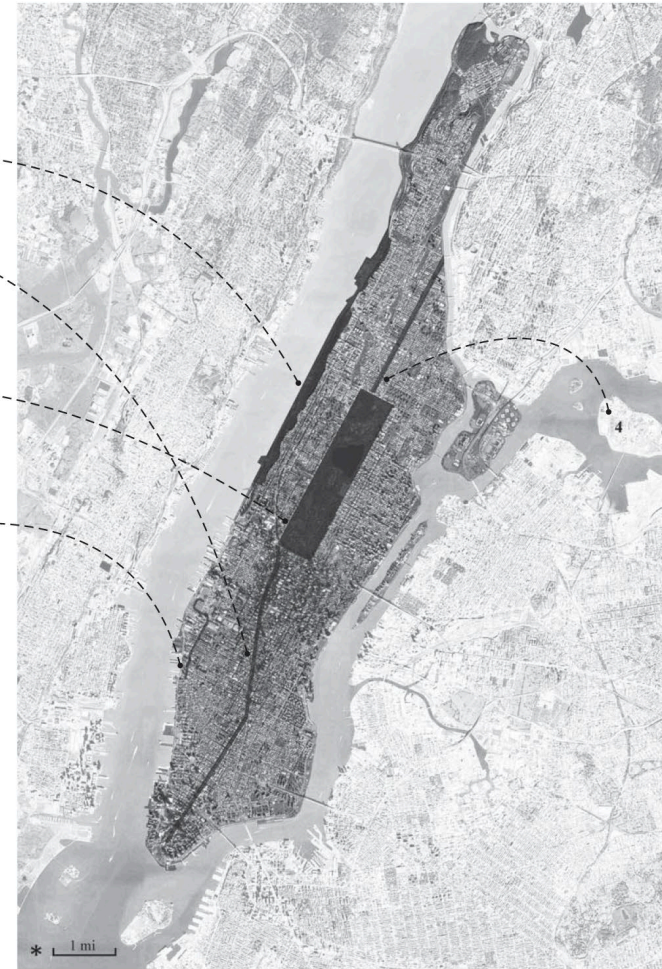


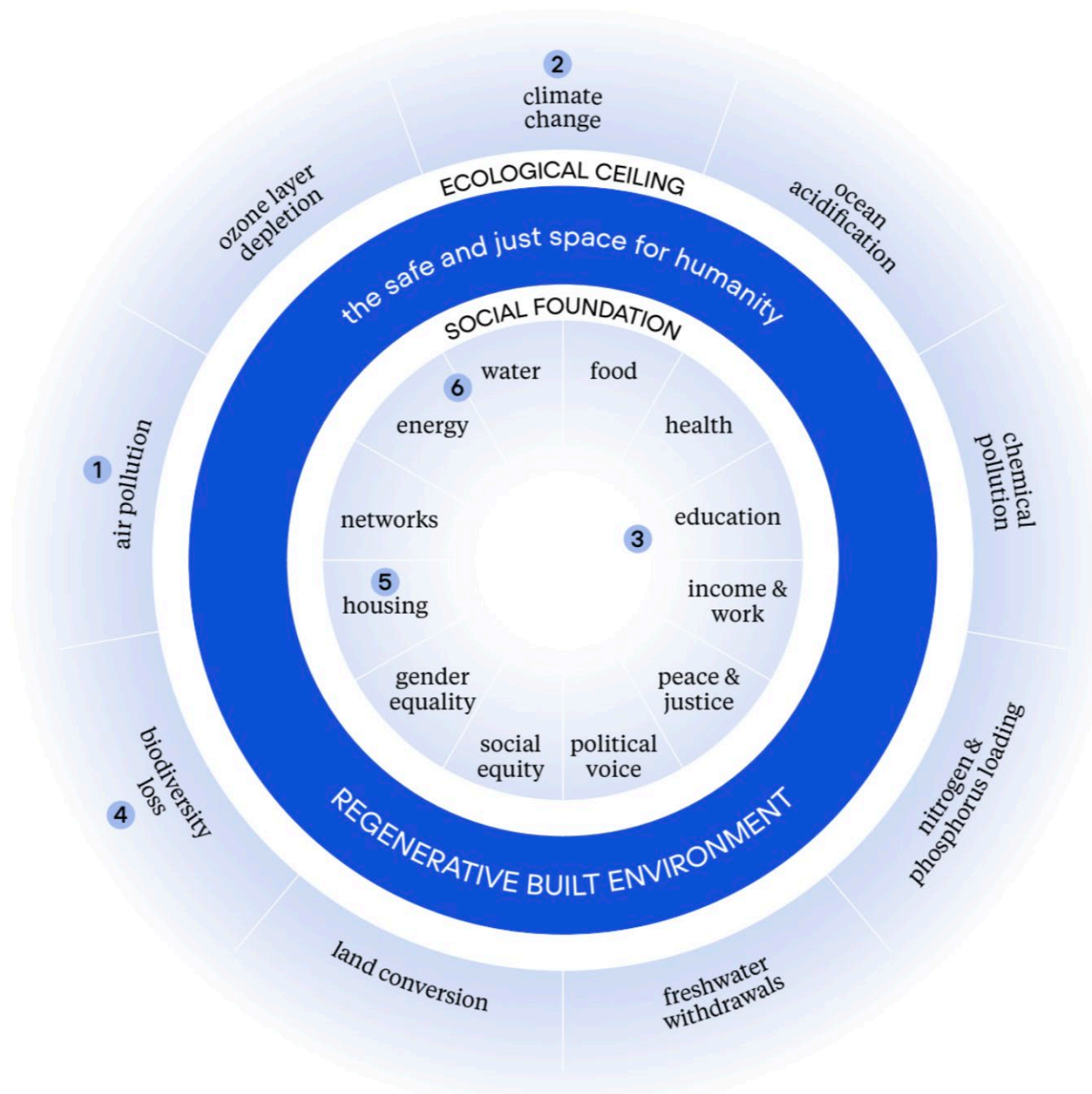
Figure 0.3 Five material movements traced in this book:

- 1 Guano from the Chincha Islands, Peru, to Central Park
- 2 Granite from Vinalhaven, Maine, to Broadway
- 3 Steel from Pittsburgh to Riverside Park
- 4 Trees from Rikers Island to Seventh Avenue
- 5 Tropical hardwood from northern Brazil to the Highline
- * Location of designed landscapes within Manhattan, shown shaded

Source: Base maps © 2019 Google.



source:



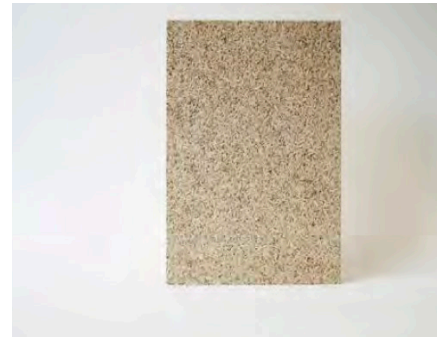
source: Buckton et. al



Paper back straw board
Distributed by istraw



Fibreboard made from 100% wet meadow fibres
Manufactured by Zelfo Technology GmbH



Mineralbound strawboard
Manufactured by Strohplattenwerk Müritzz



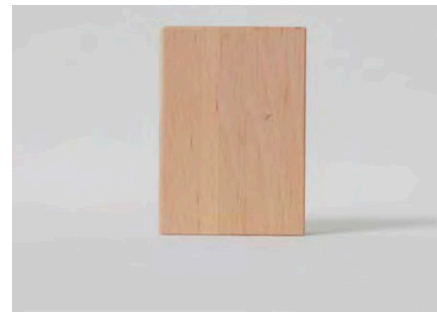
Wire bound reed panel
Manufactured by Hiss Reet



Strawboard
Manufactured by Leibniz-Institut für Agrartechnik und Bioökonomie (ATB)



Processed meadow grass insulation
Manufactured by Gramitherm

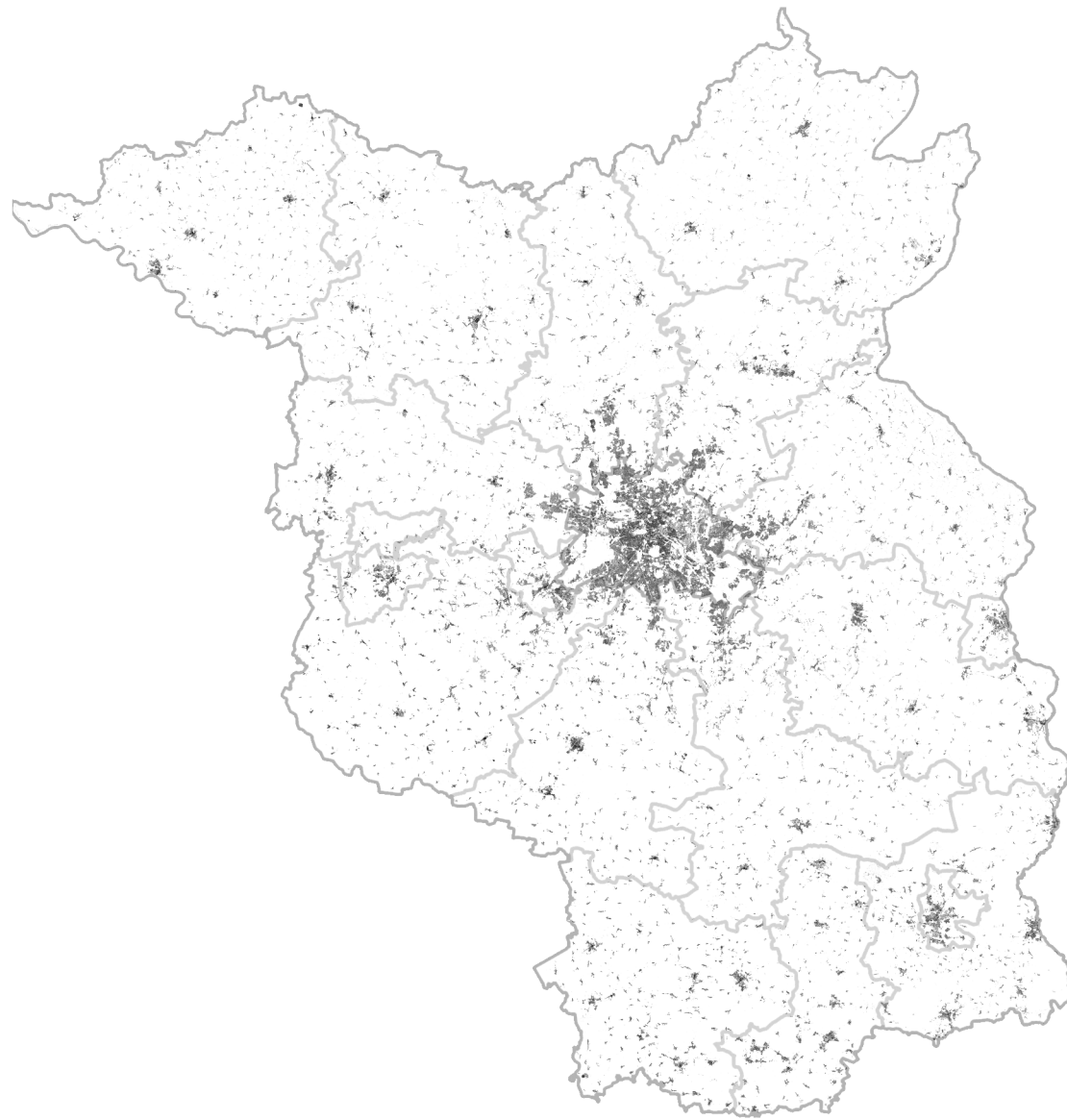


Alder timber
Processed and milled in Berlin



Typhaboard
Manufactured by Typha Technik Naturbaustoffe

source:: Material cultures images

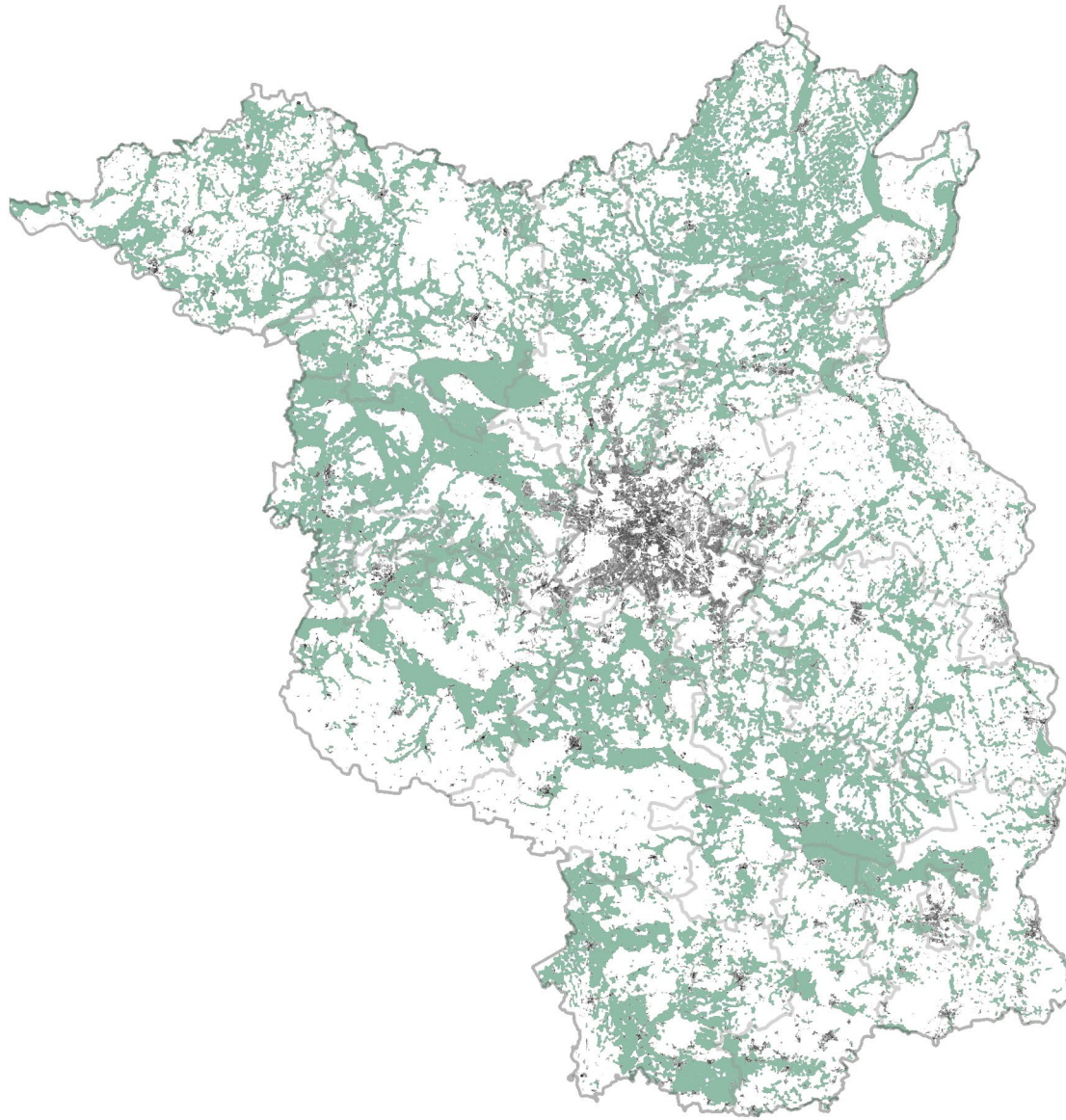


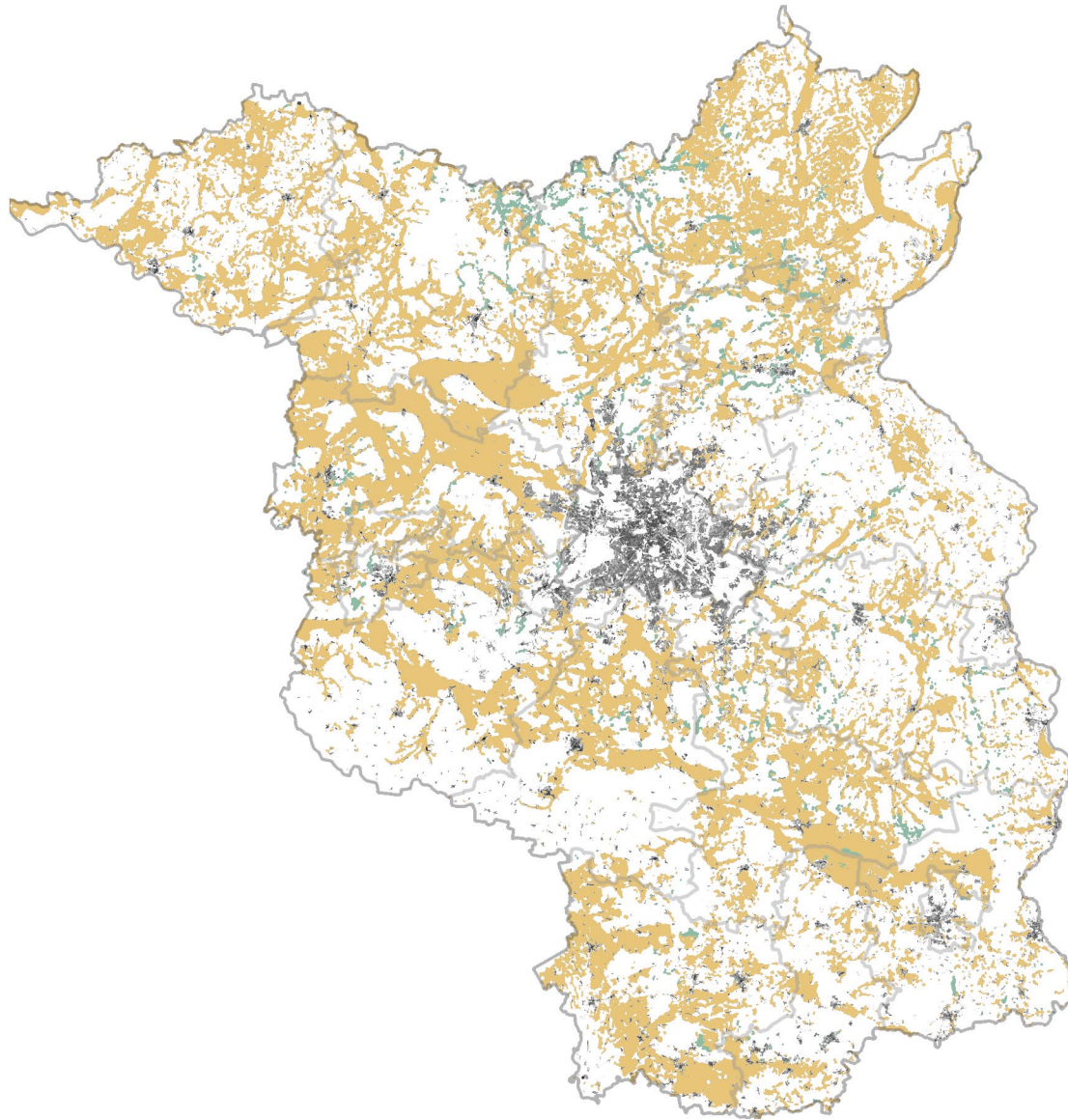


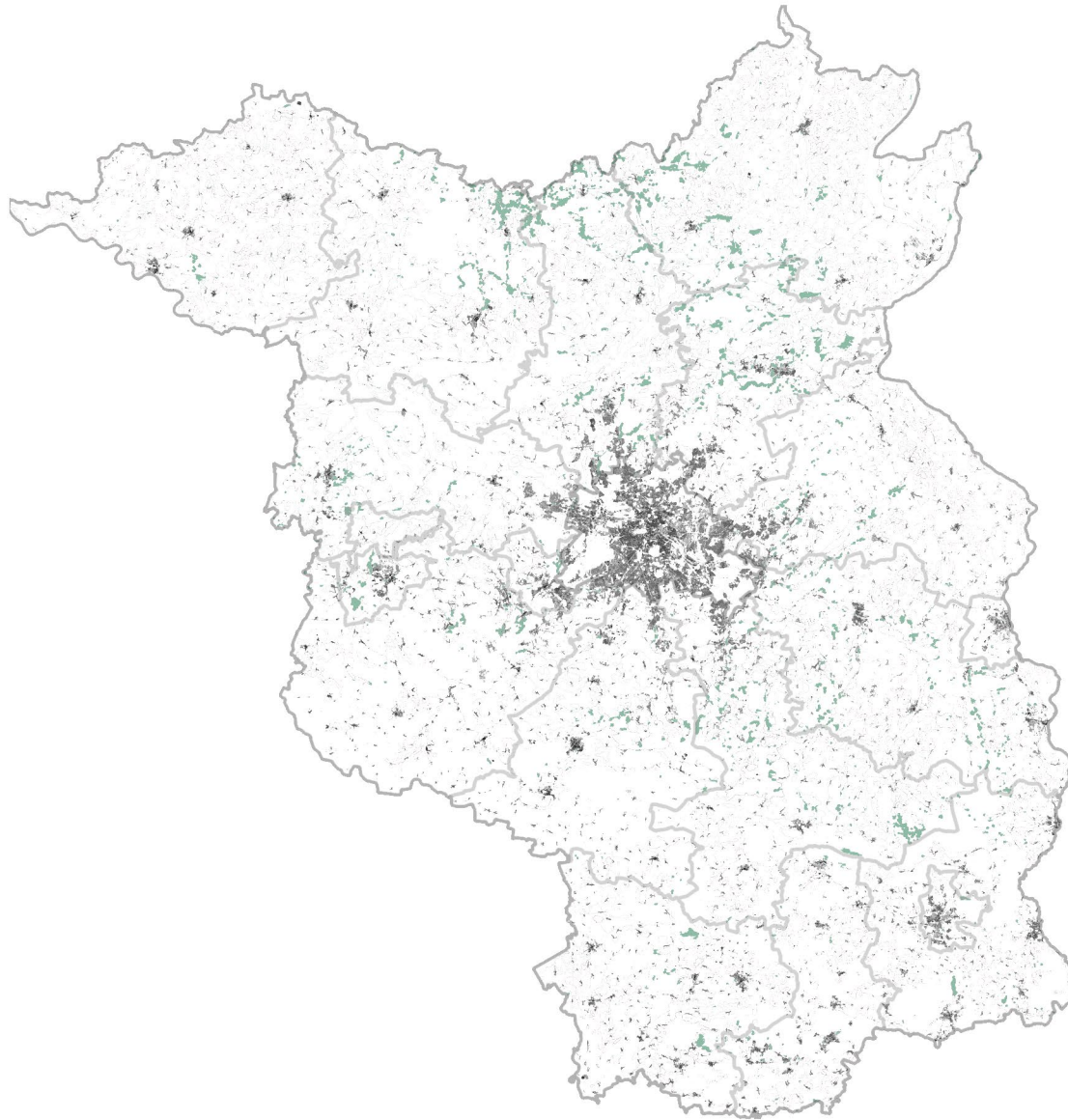
“Fête galante in märkischer Landschaft”

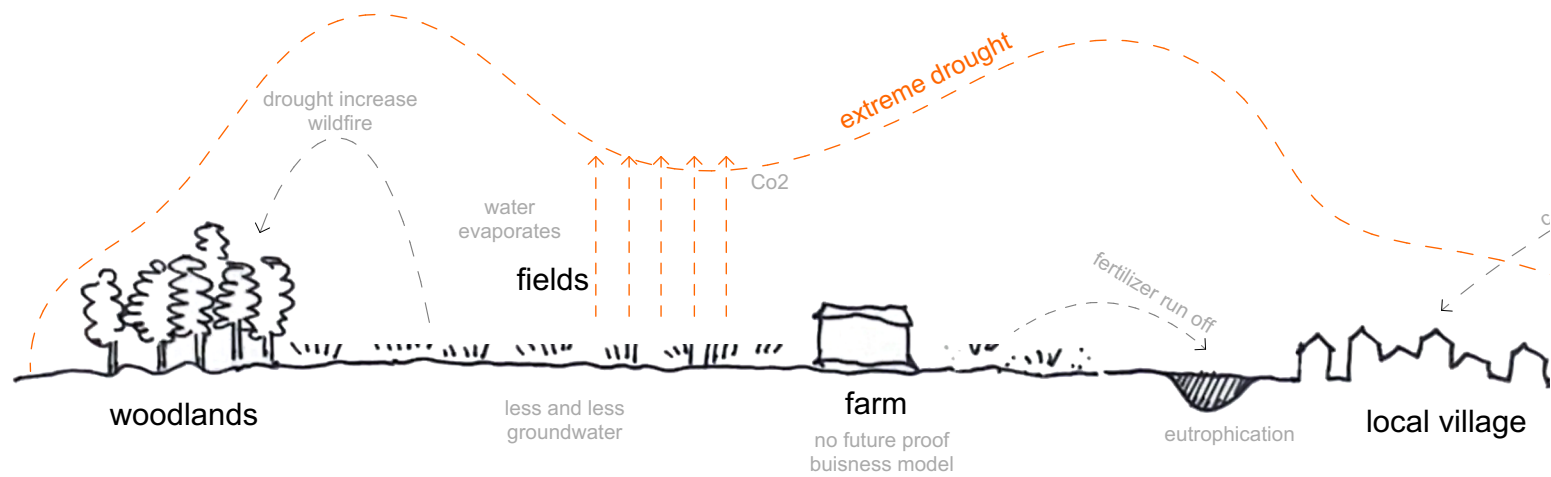
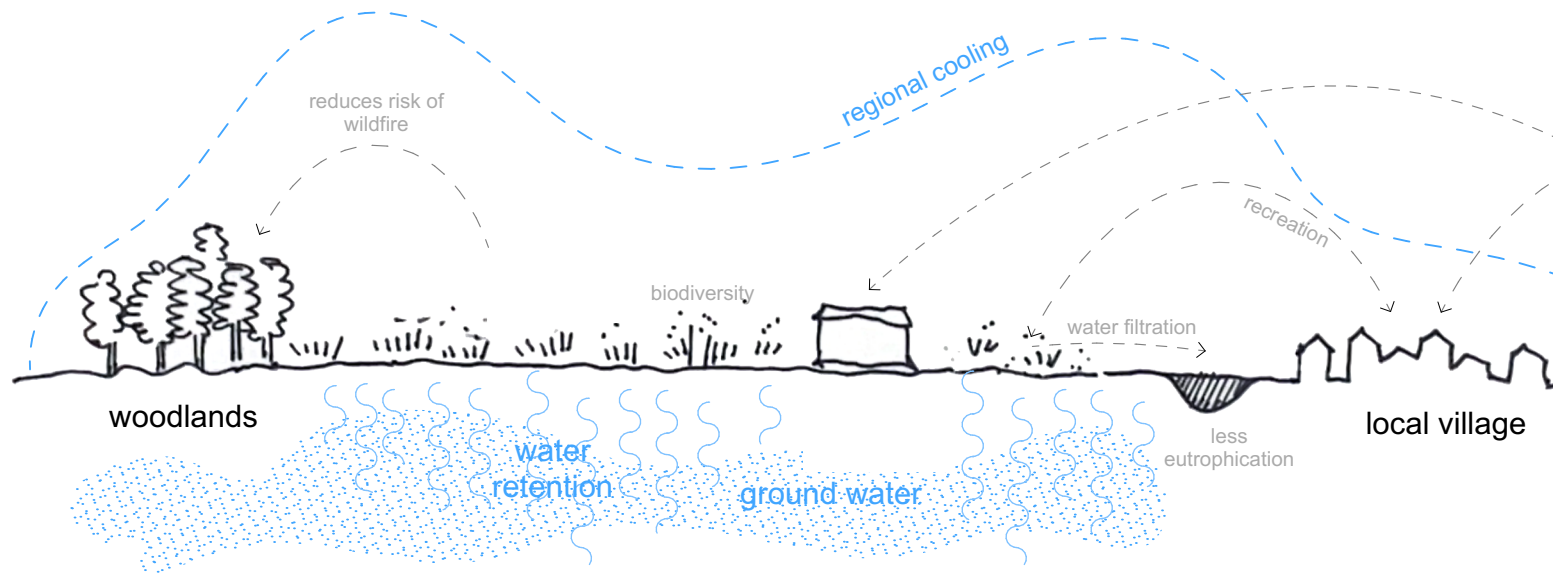
Antoine Pesne, 1745

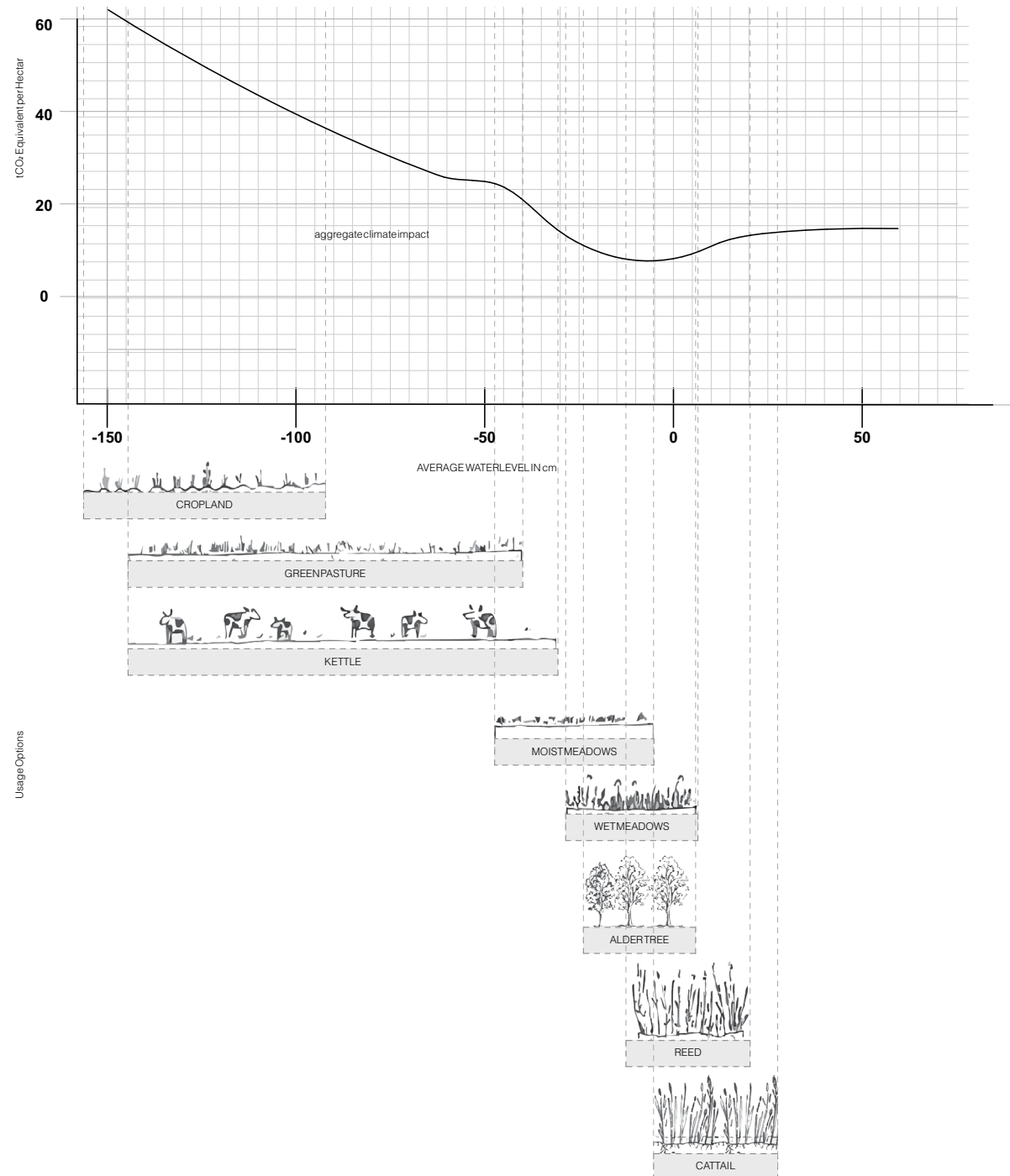
source: <https://recherche.smb.museum/de->







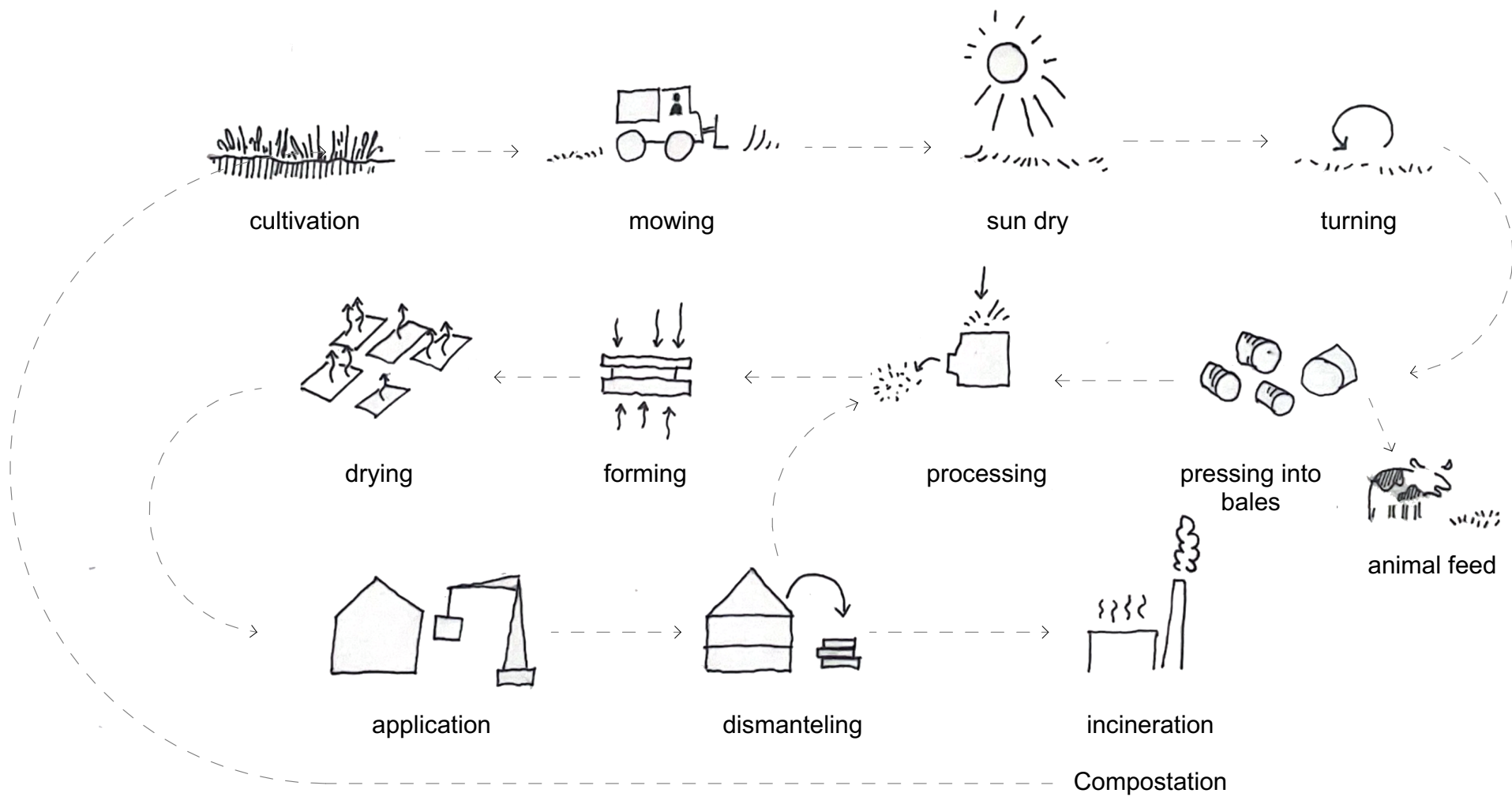




source:: adapted graphic from Tannenberger et al

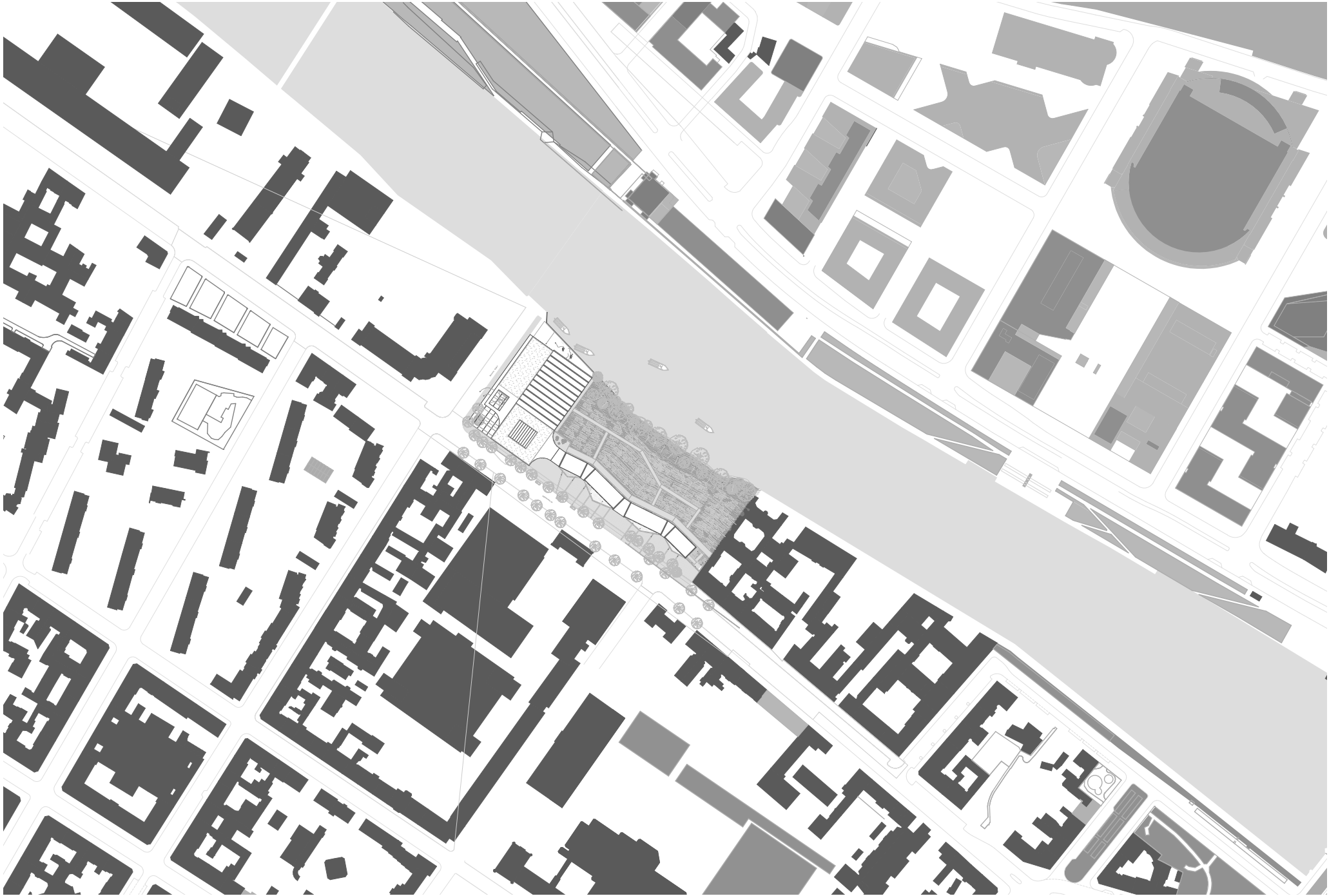


source:: TYPHA PRODUCT-





P4 Presentation: From Swamp to Structure



P4 Presentation: From Swamp to Structure



Sewingmachine factory

Marmelade factory

Site: Former River bathhouse

Military bakery



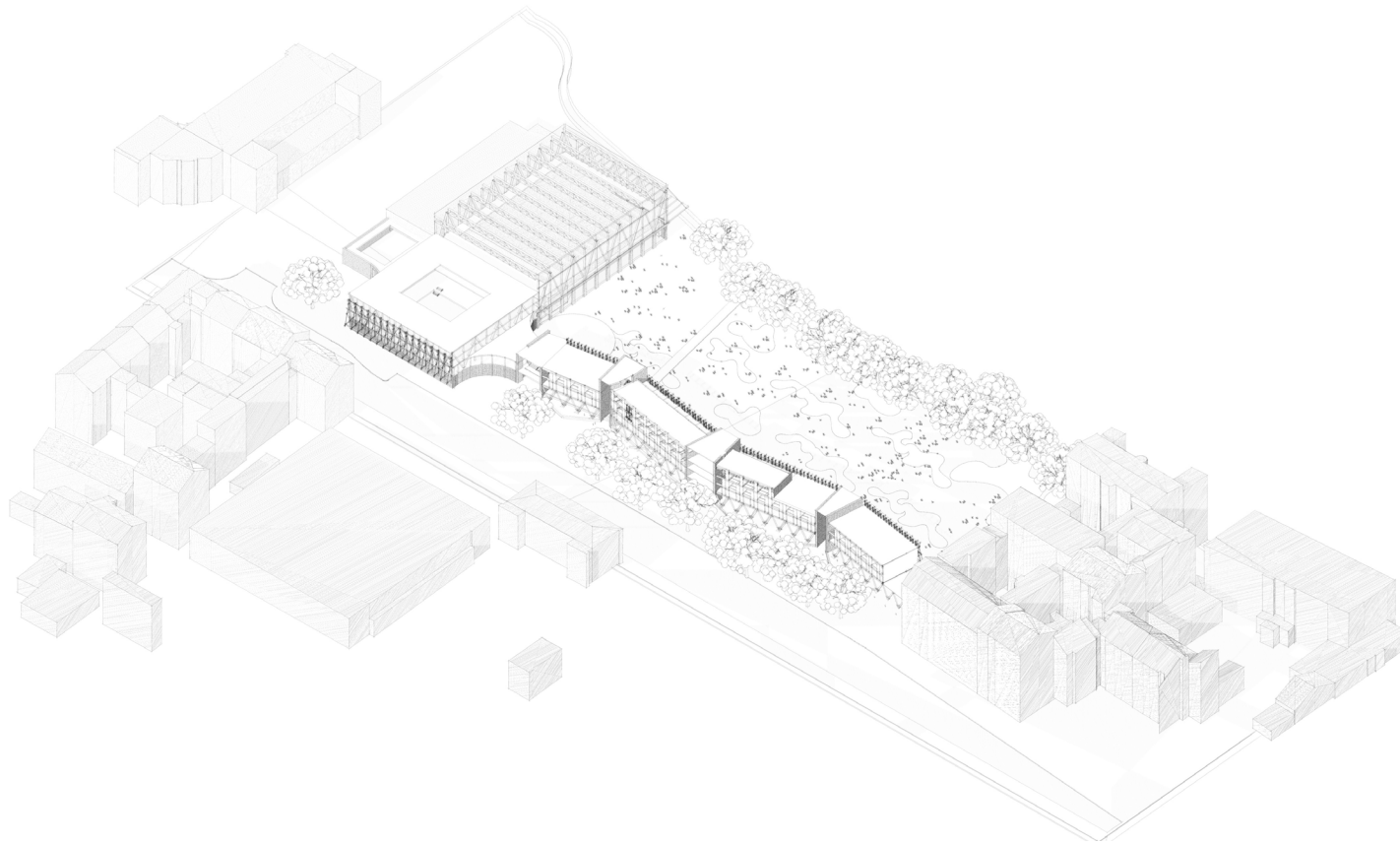


Pfuelsche Badeanstalt 1805

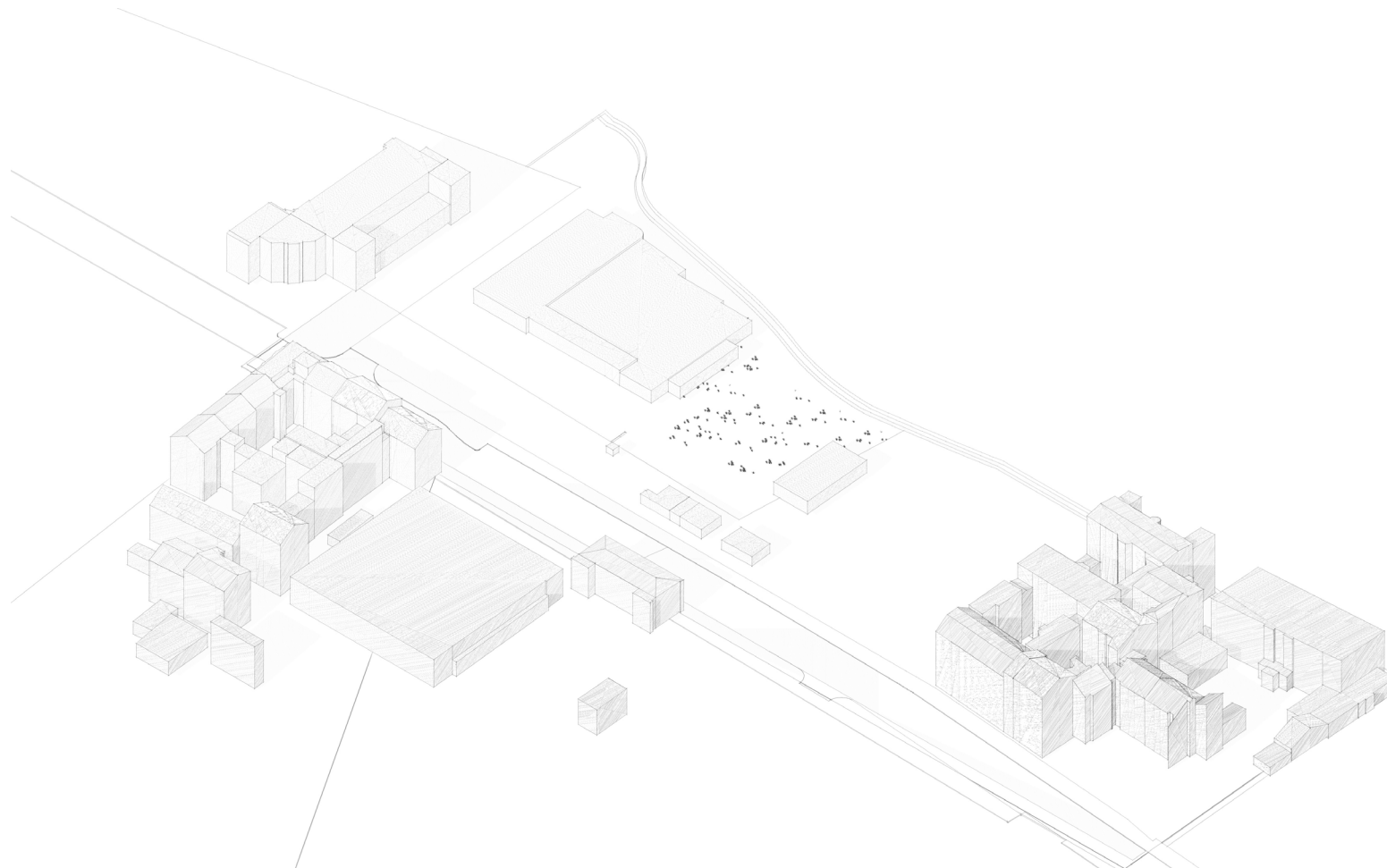
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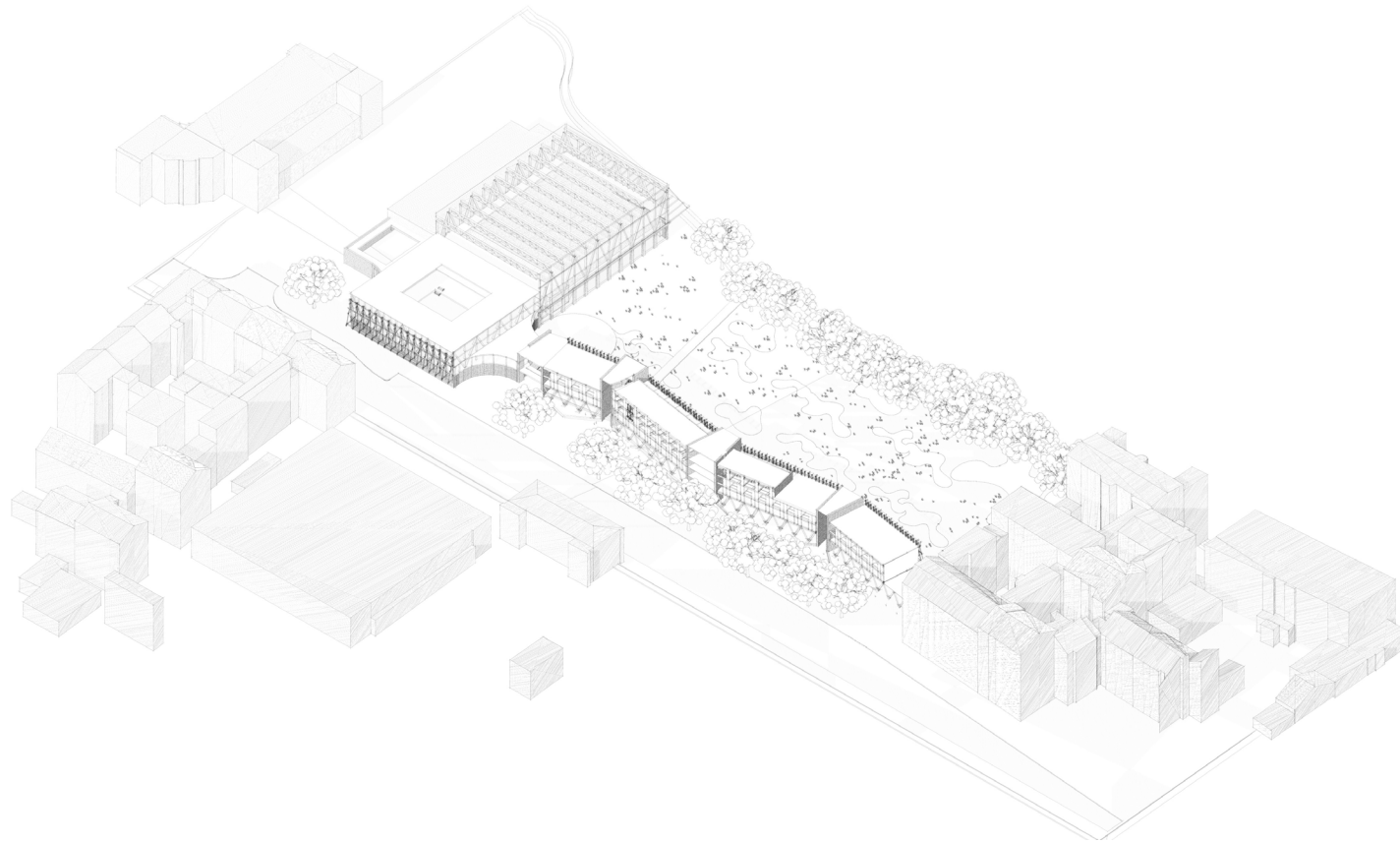


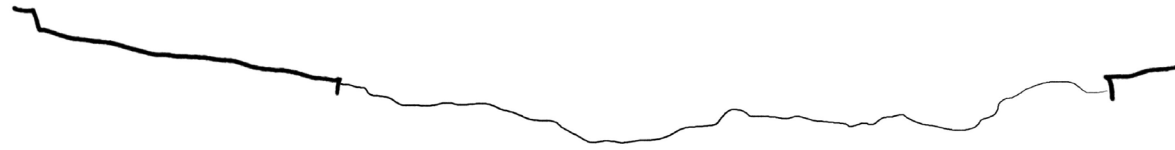
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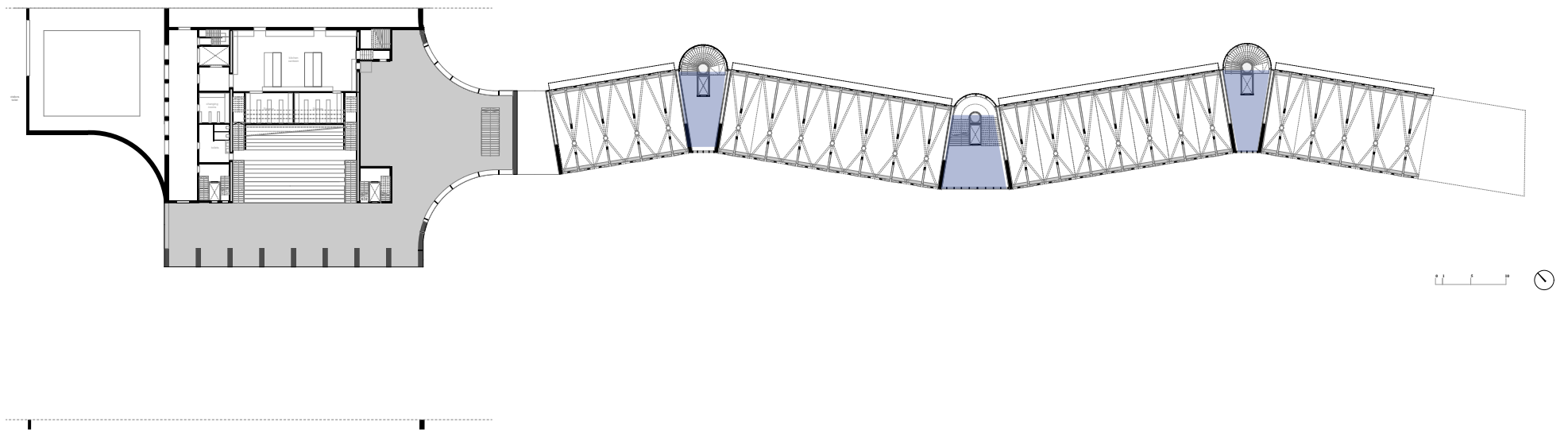
P4 Presentation: From Swamp to Structure







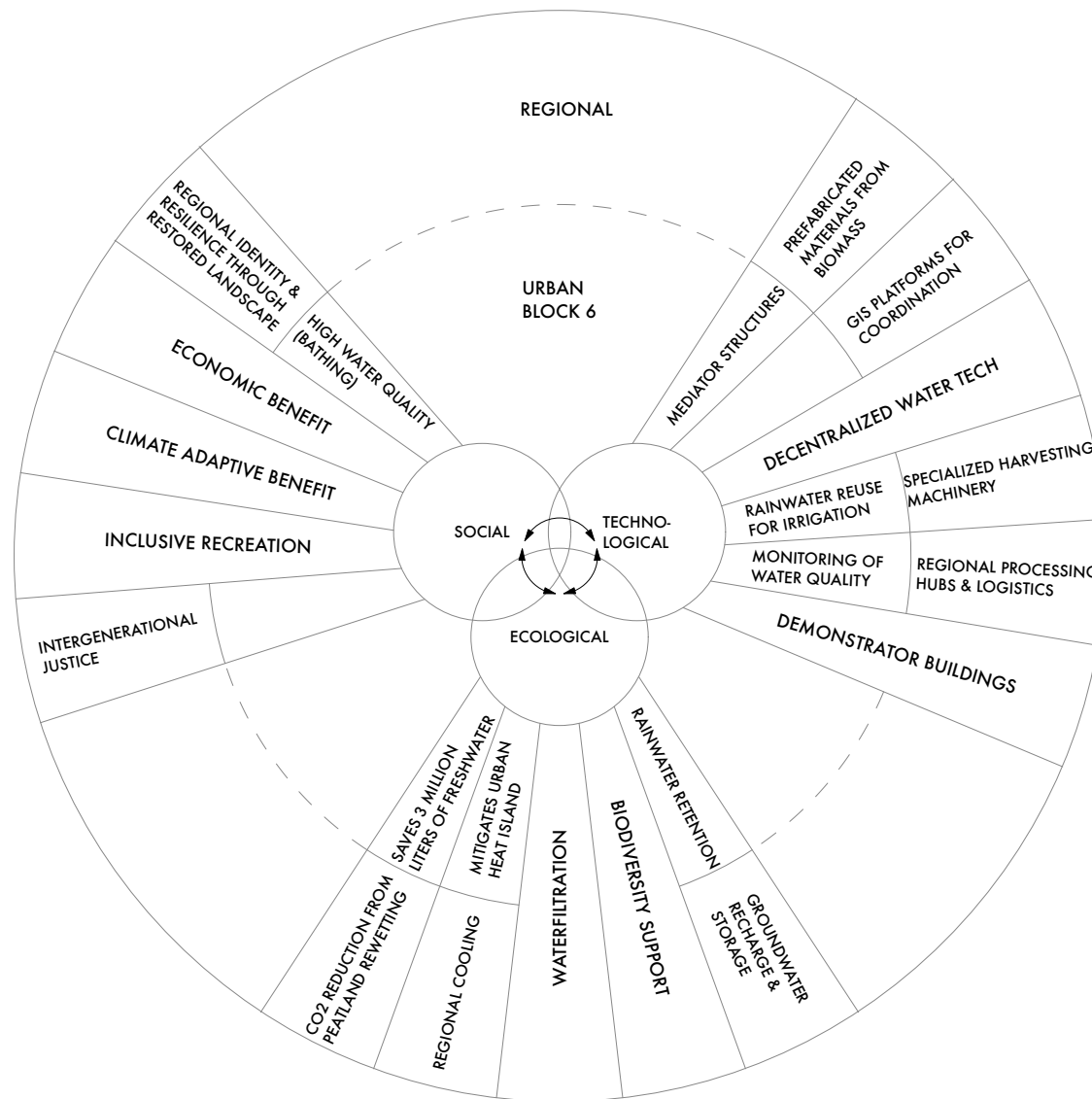


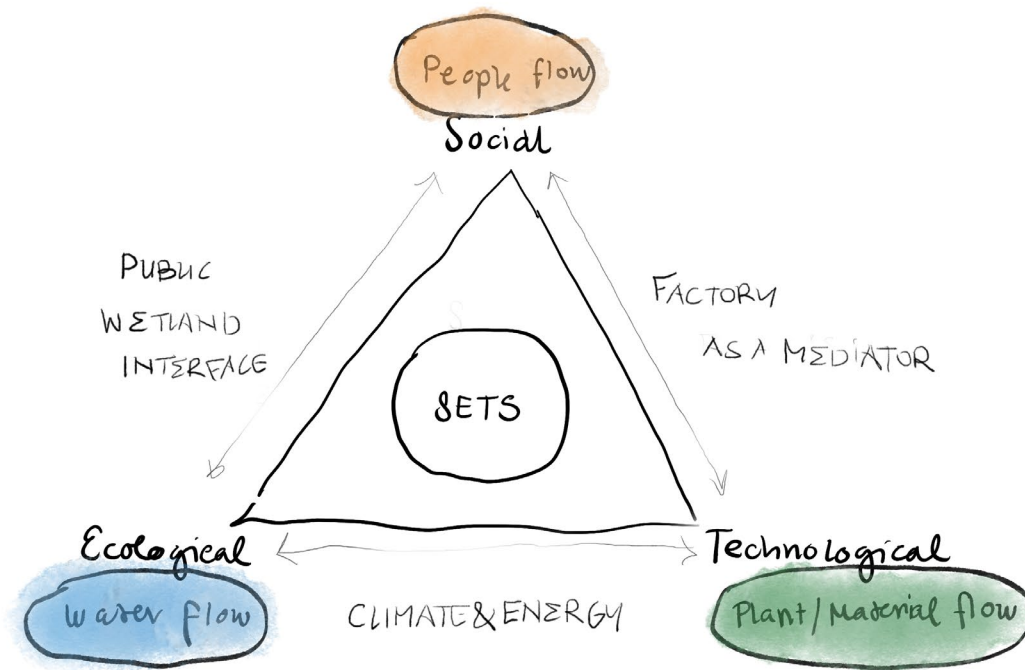




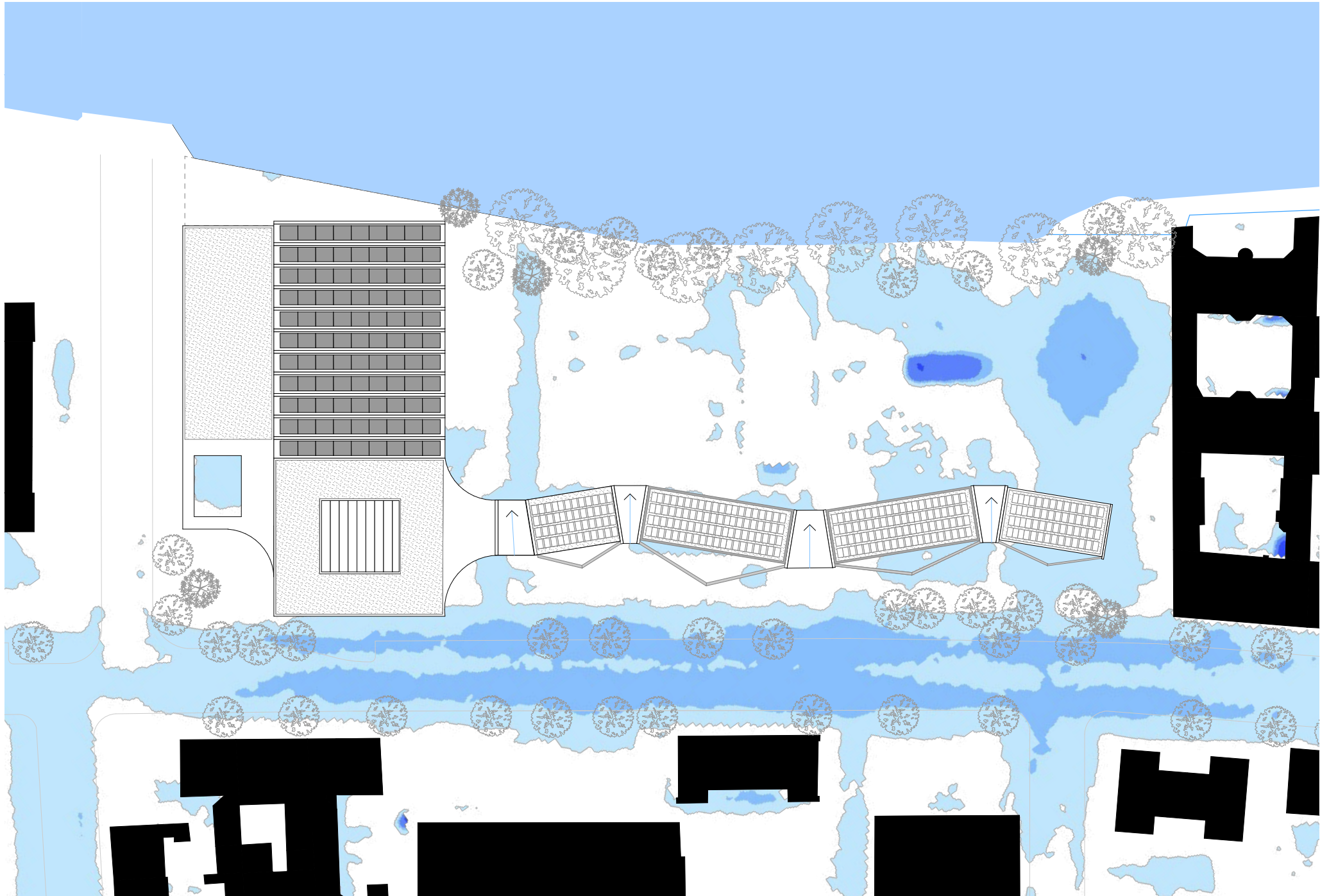


P4 Presentation: From Swamp to Structure





ECOLOGICAL LAYER : Water



P4 Presentation: From Swamp to Structure

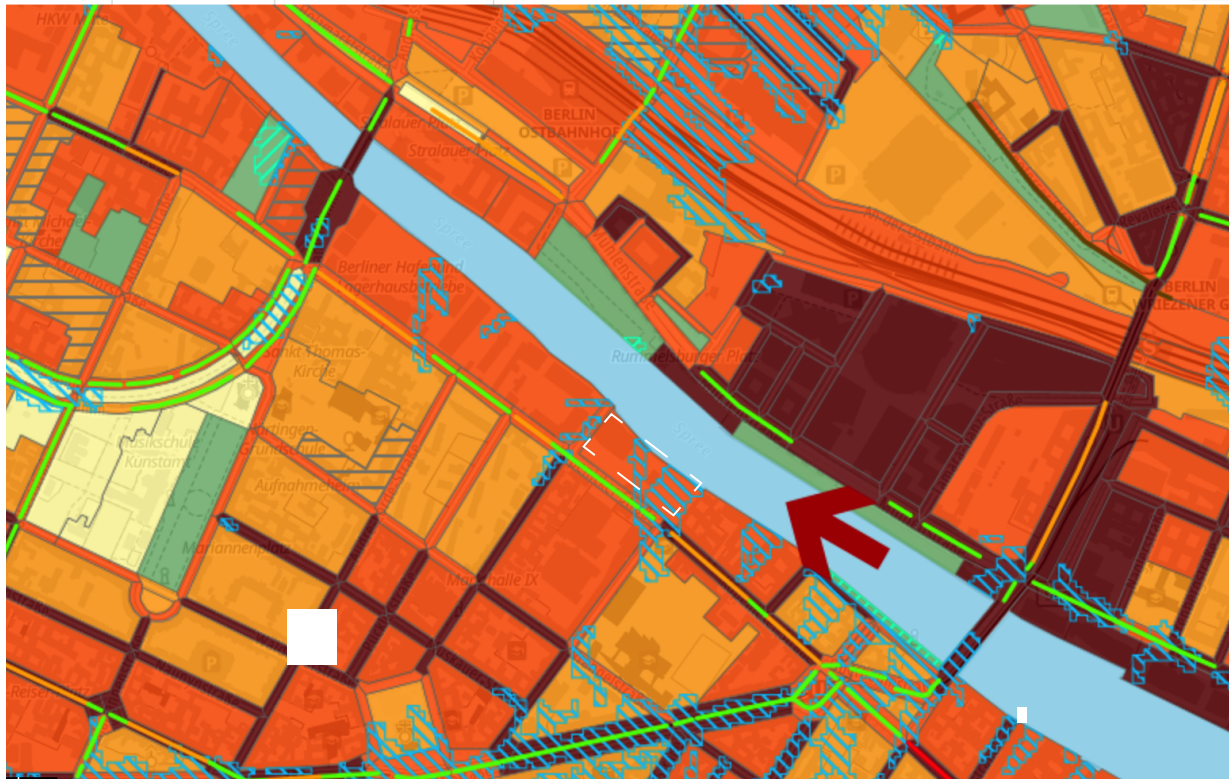


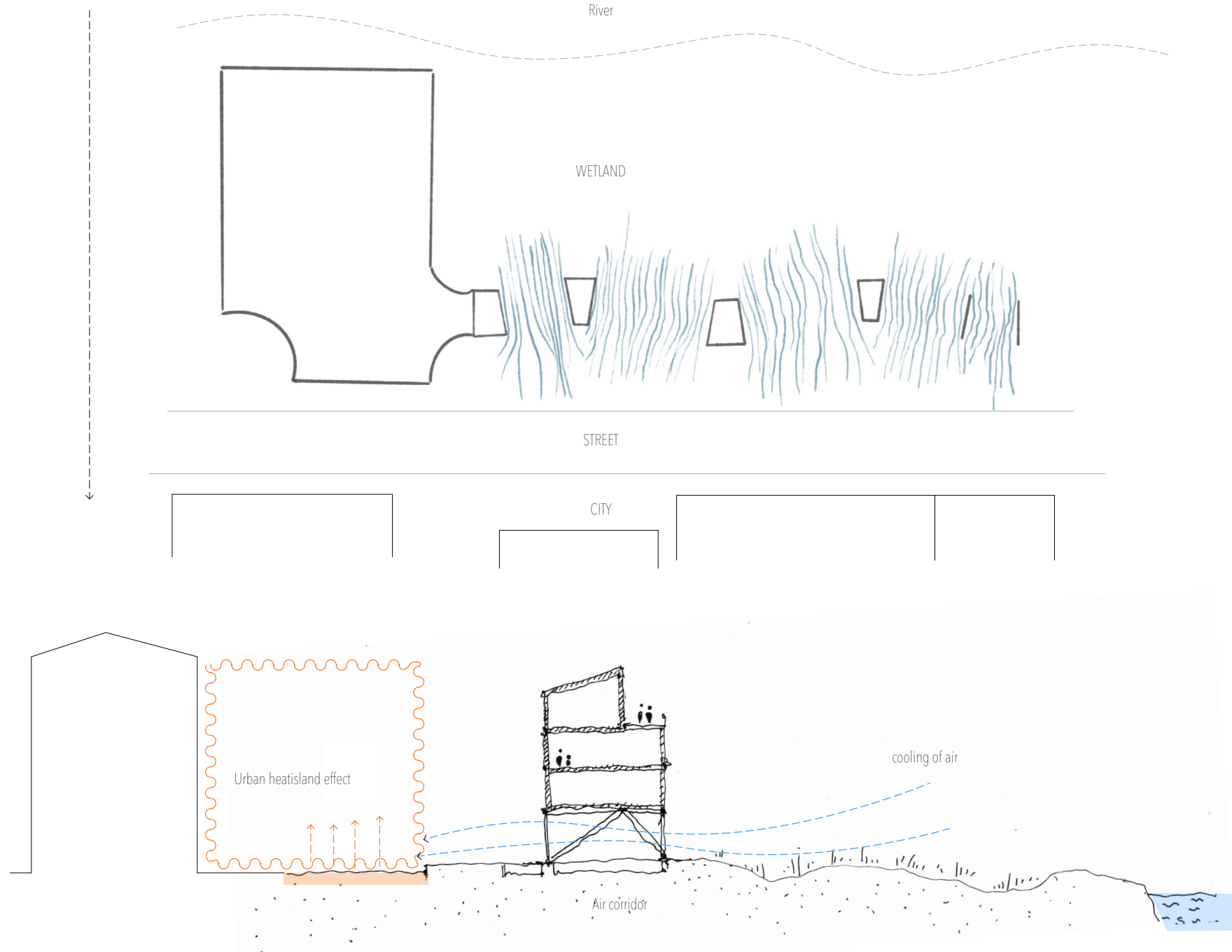
P4 Presentation: From Swamp to Structure



Block 6 IBA 1987,
Dessauer strasse Berlin
Christoph Langhof, Josef Paul Kleihues

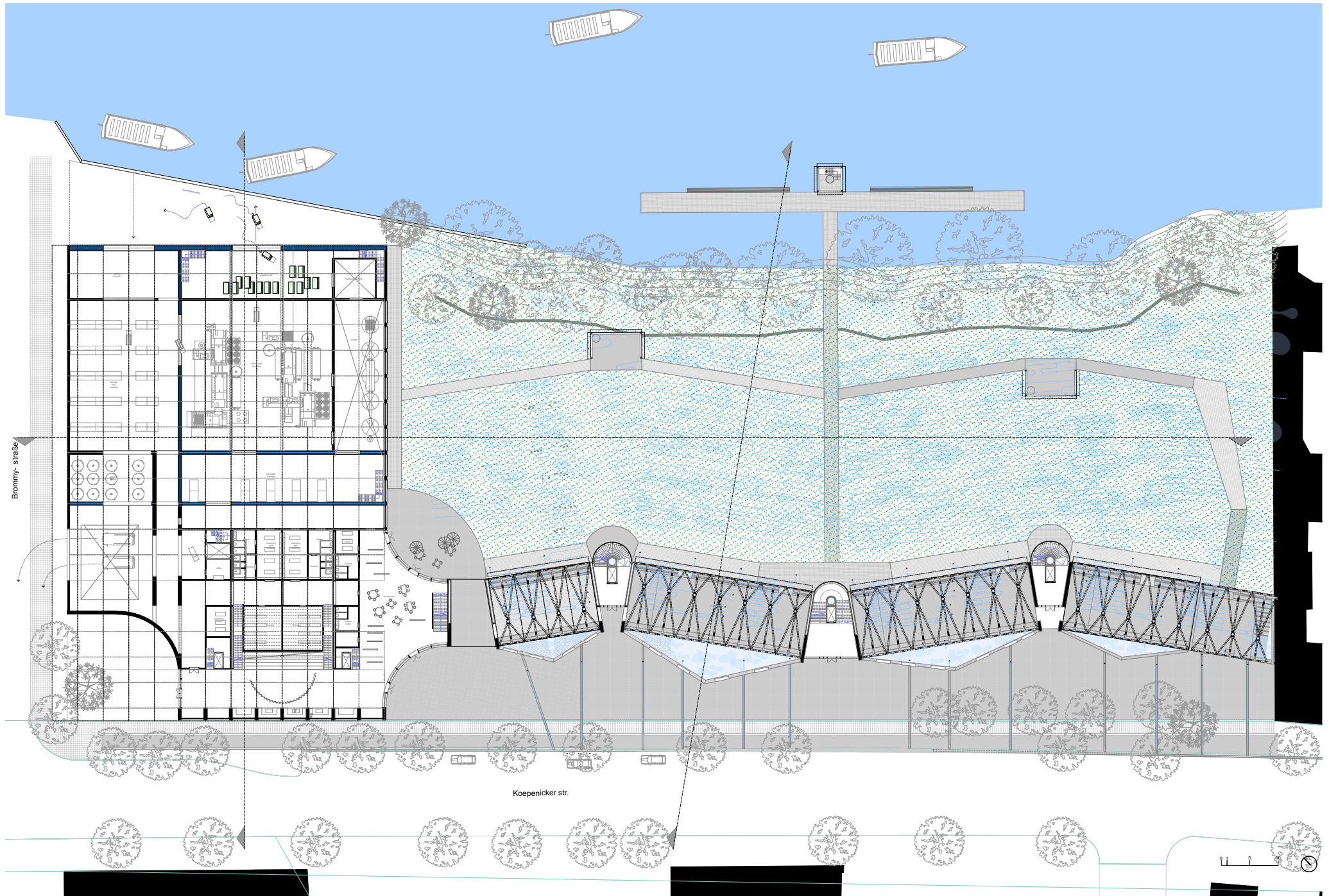
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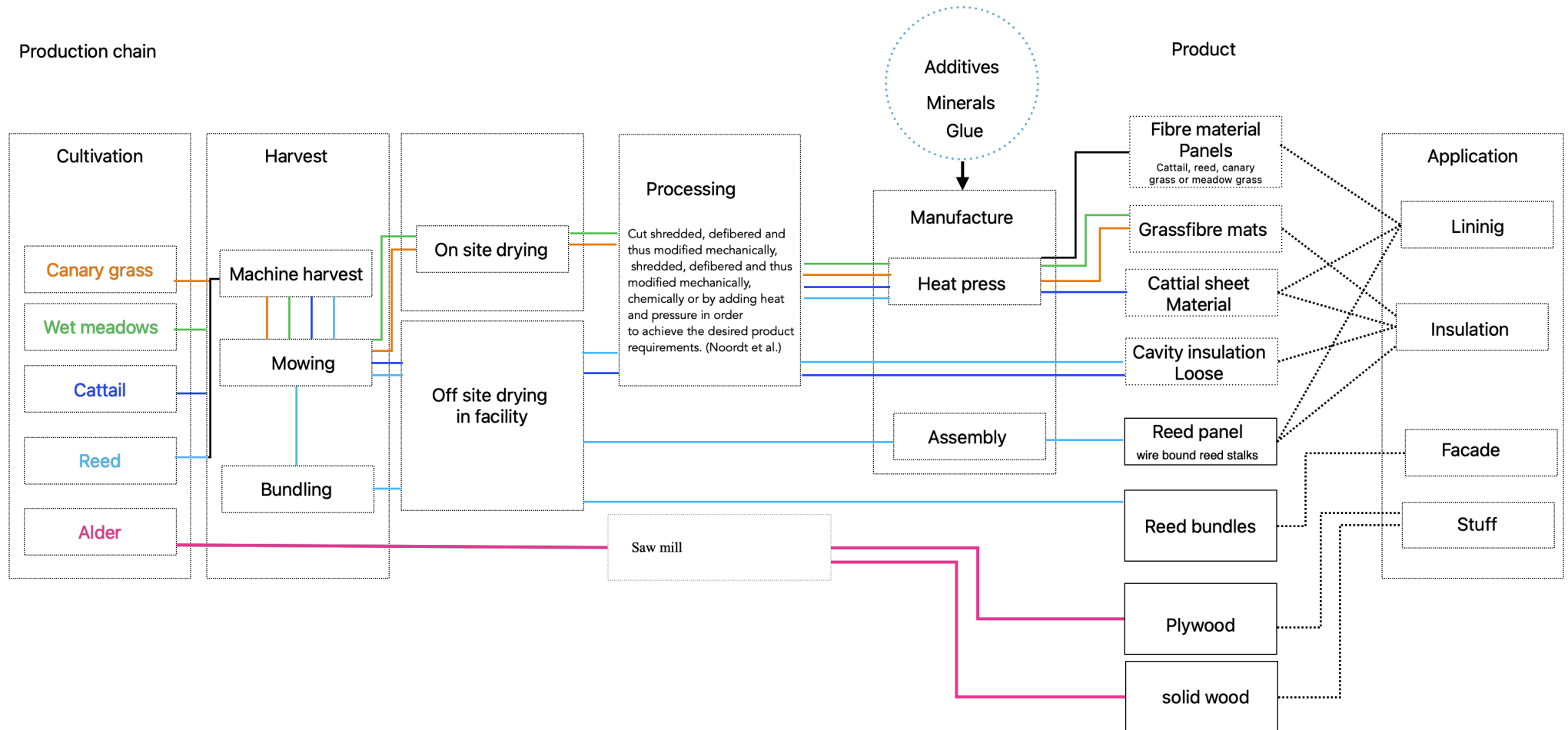
P4 Presentation: From Swamp to Structure

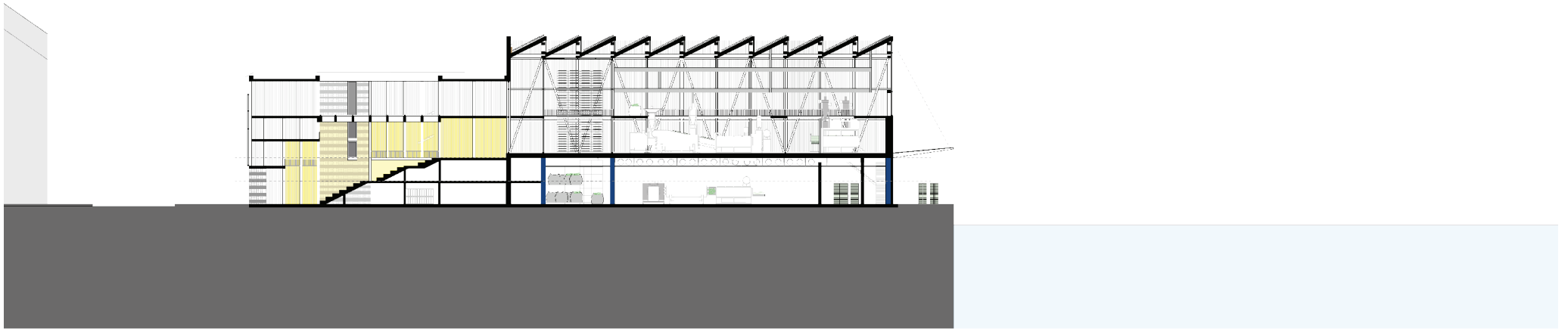
TECHNOLOGICAL LAYER : PLANT



P4 Presentation: From Swamp to Structure

Production chain

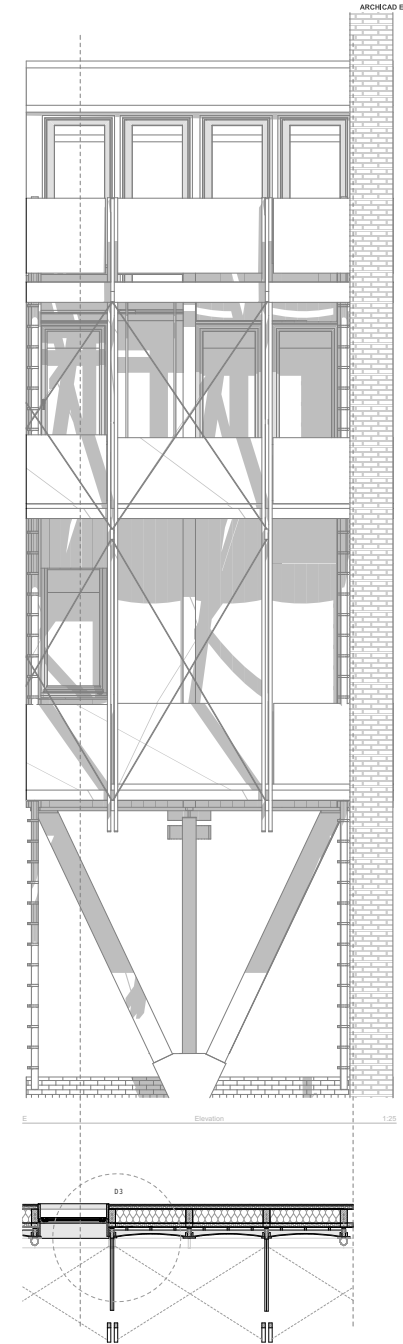
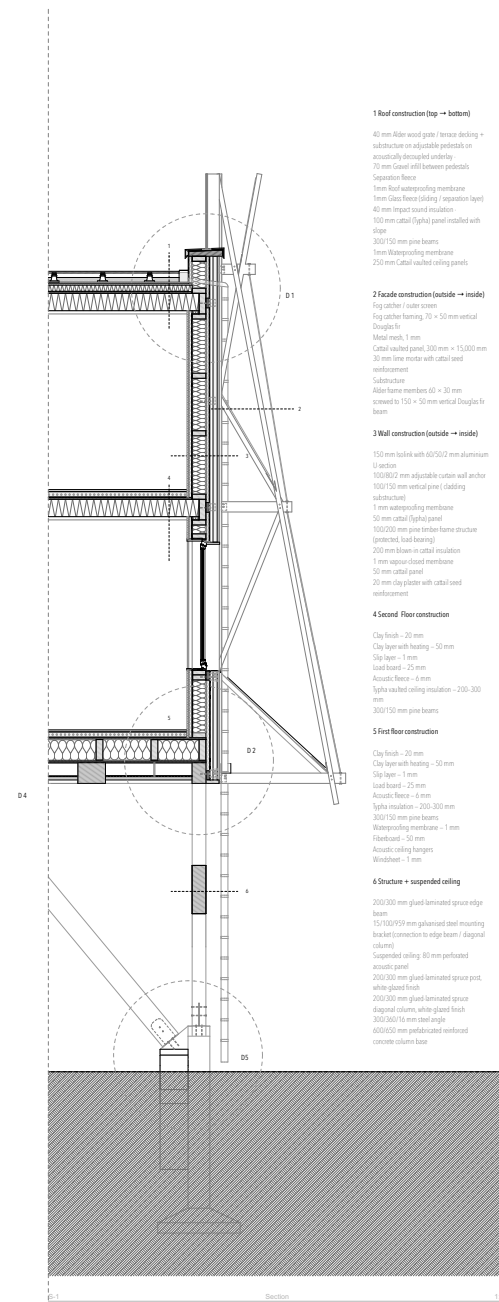
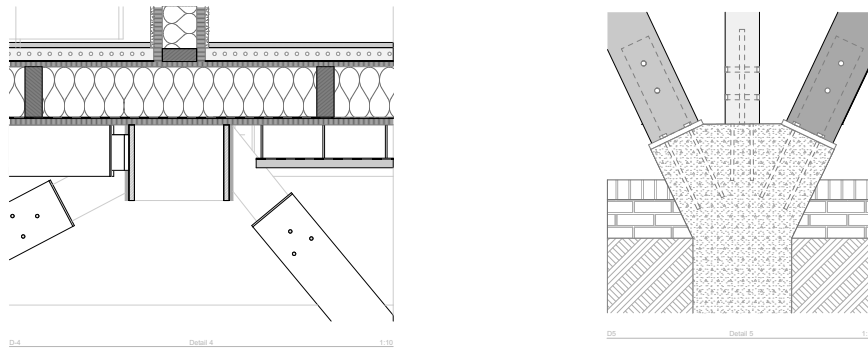
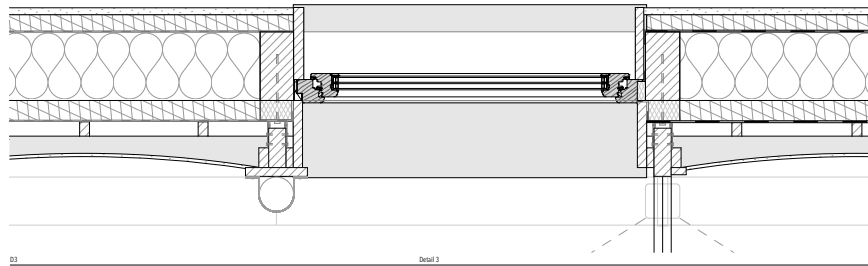
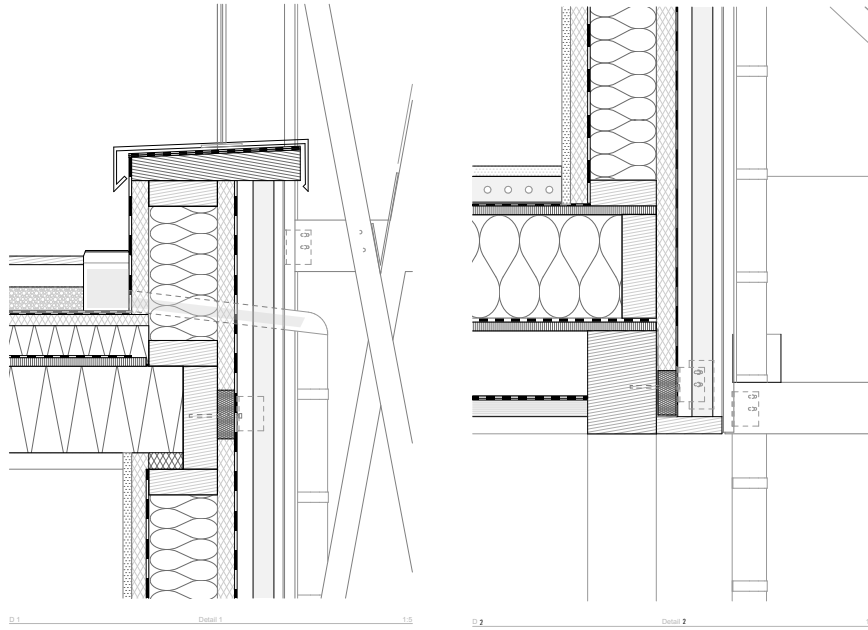




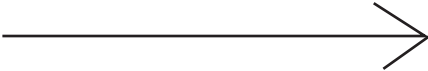
Section



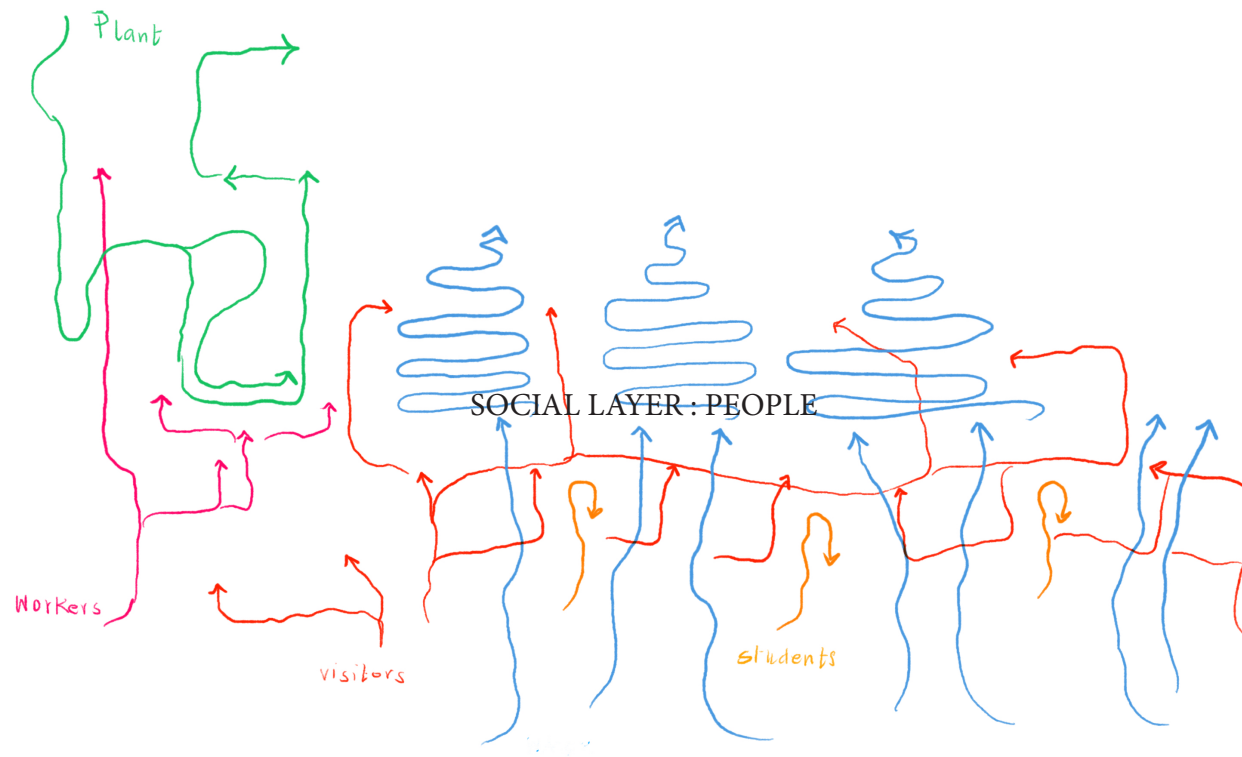
P4 Presentation: From Swamp to Structure

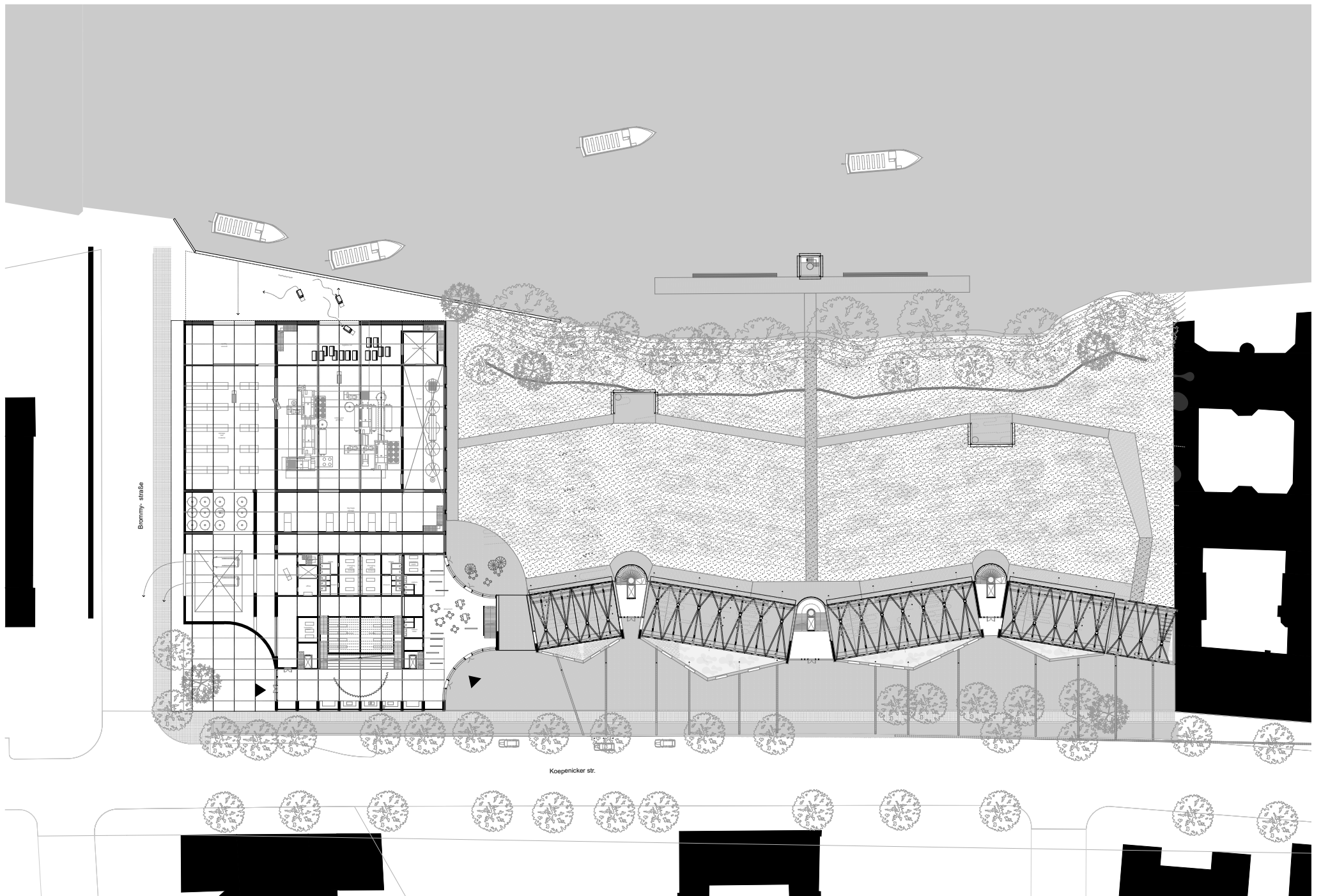




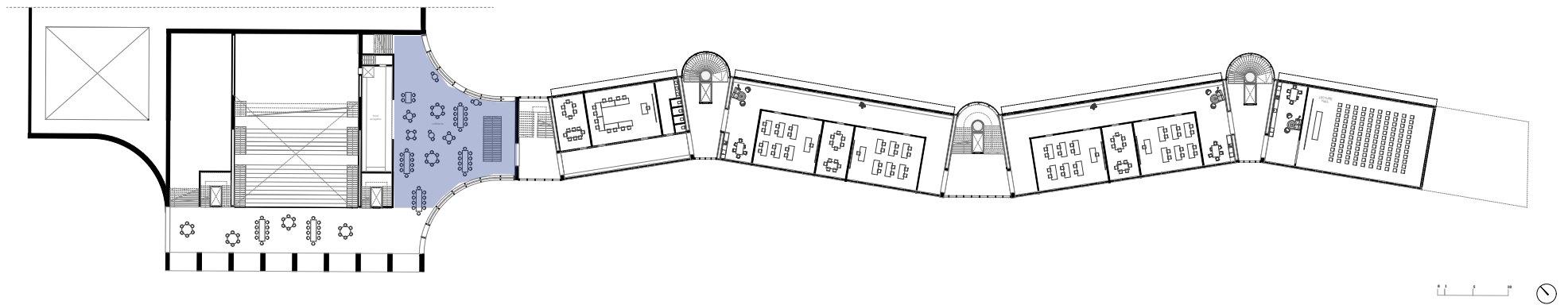
Demonstrator  **Mediator**

SOCIAL LAYER : People



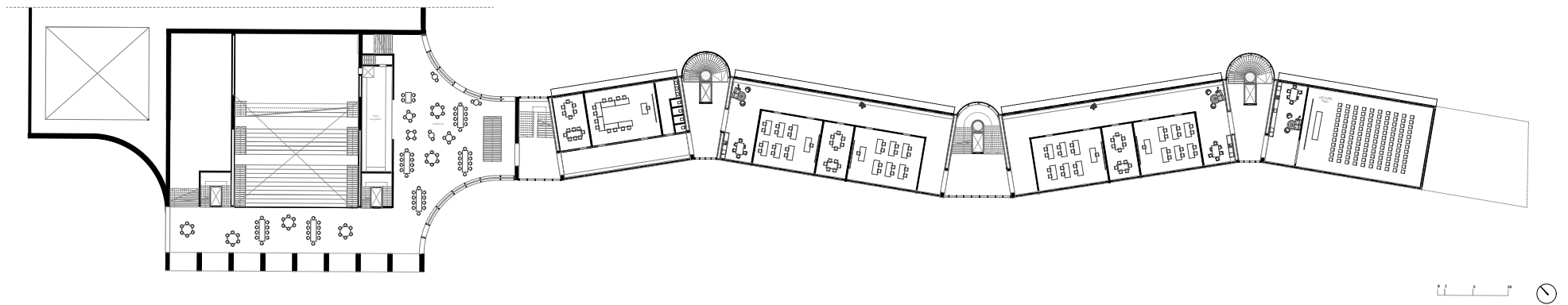


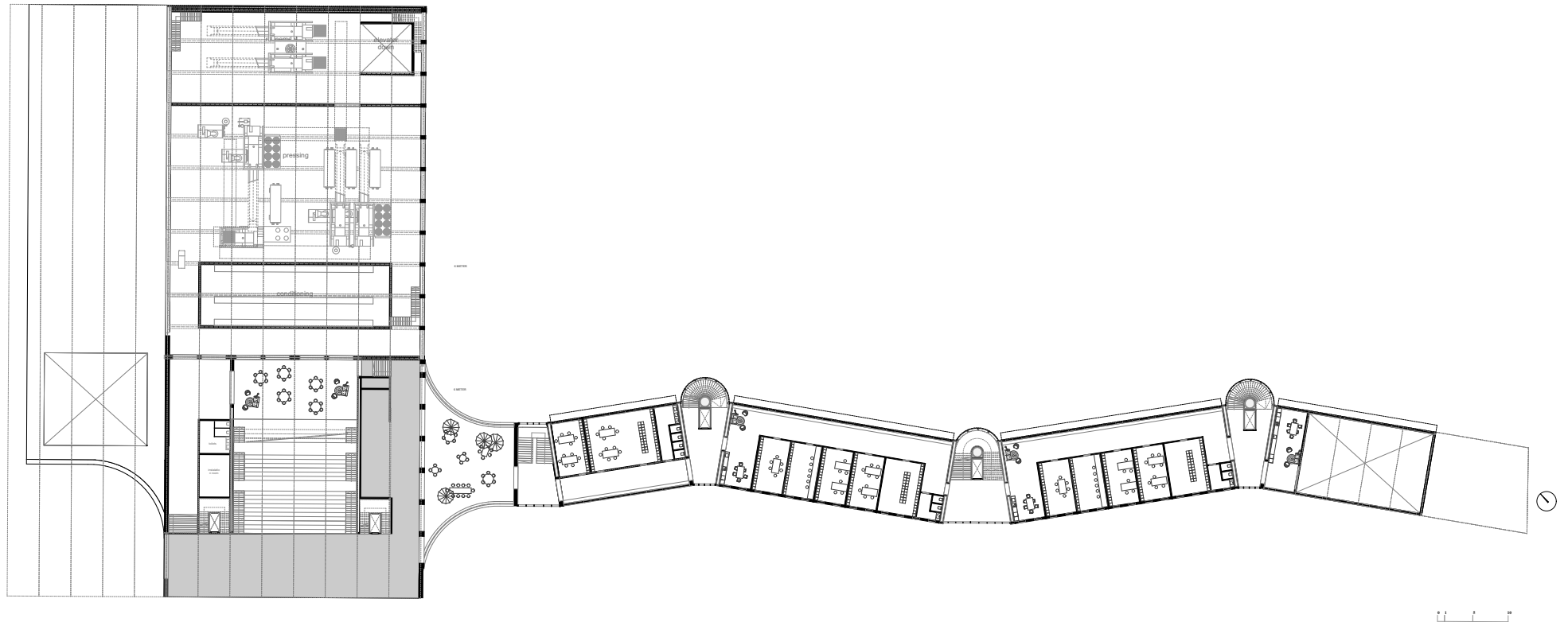
P4 Presentation: From Swamp to Structure

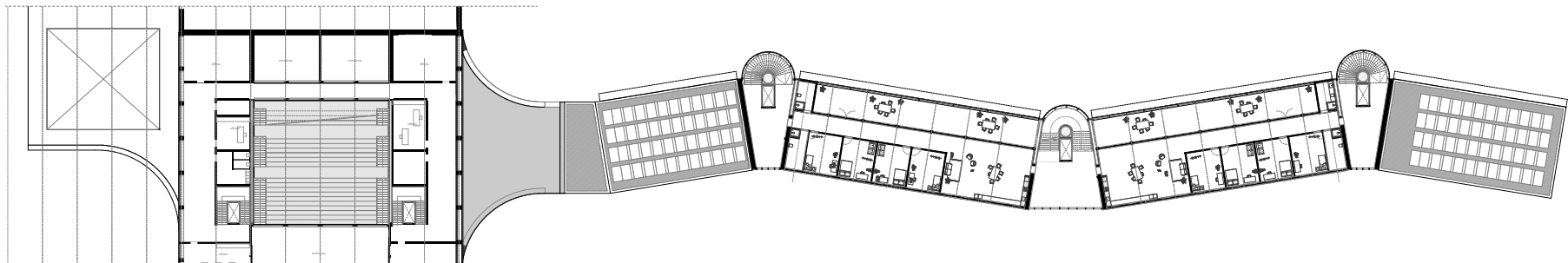


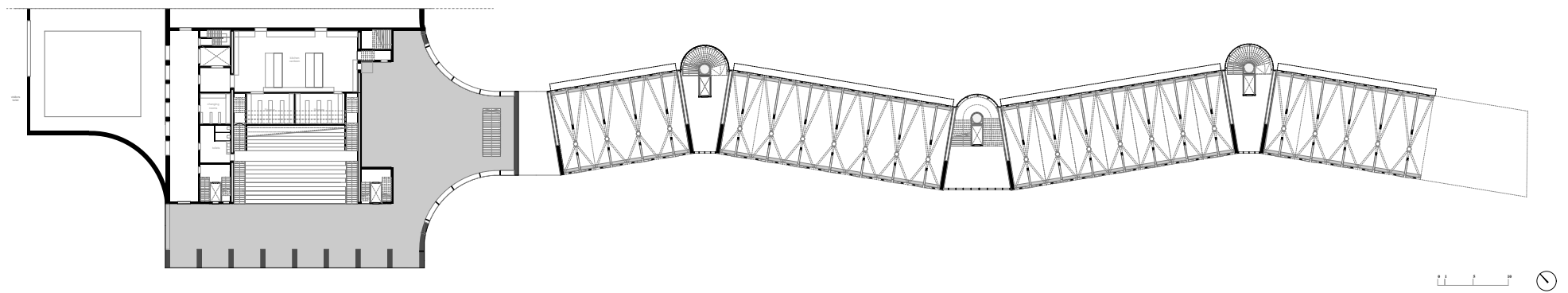


P4 Presentation: From Swamp to Structure











P4 Presentation: From Swamp to Structure



P4 Presentation: From Swamp to Structure