MASTER LANDSCAPE ARCHITECTURE

Out of the *Blue*
A nature-based armature for urban development

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The project proposes a nature-based design strategy that addresses the urban challenges of flood, fragmentation and underused spaces to provide social connectivity in the Municipality of Lørenskog.

A changing climate and a rapid growing city, has become highly problematic: Recently occurring heavy rains, causing flooding of the urban fabric. By taking the watershed with its flows and cycles as base for intervention, the project opens up a new approach towards the existing logics of urban expansion, exploring ecological infrastructure as place-maker within the wider territory.

The city's trouble is prototypical for the Eastern suburban area of Oslo and will serve as a spatial spine and conceptual entry point for future urban development.

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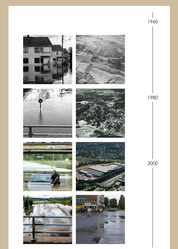
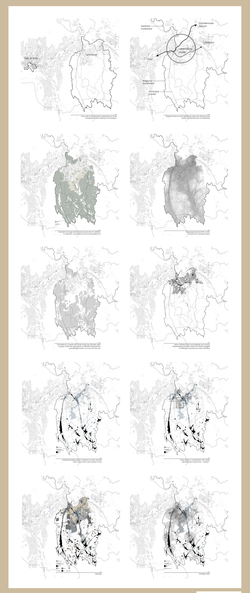
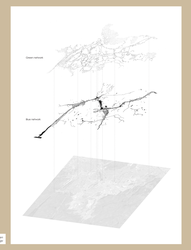
Location project area



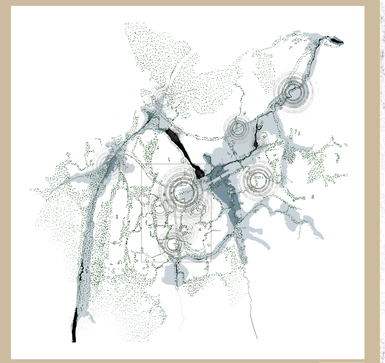
Challenges: climate change in urban blue-green



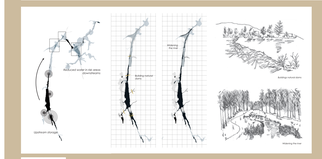
Projective Lørenskog watershed



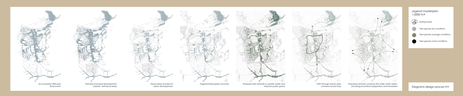
Blue and green network analyses



Downstream strategy

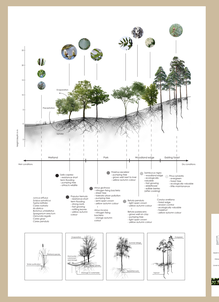


Upstream strategy



Progressive design process 3d's

Two Normal Invisible Topographs (1:500)



Scale 1:5, Lysrike 1:1000, Section 1:1000

Scale 1:5000/1000 (plan), 1:1000 (section view)

Scale 1:5000, Section 1:1000

Evolution in time

Example drawings Analysis map

Model watershed 1:40000 Models zooms 1:1000

Connected drawing Interweaved

Conceptual models Visualising bond