

Die Schleuse

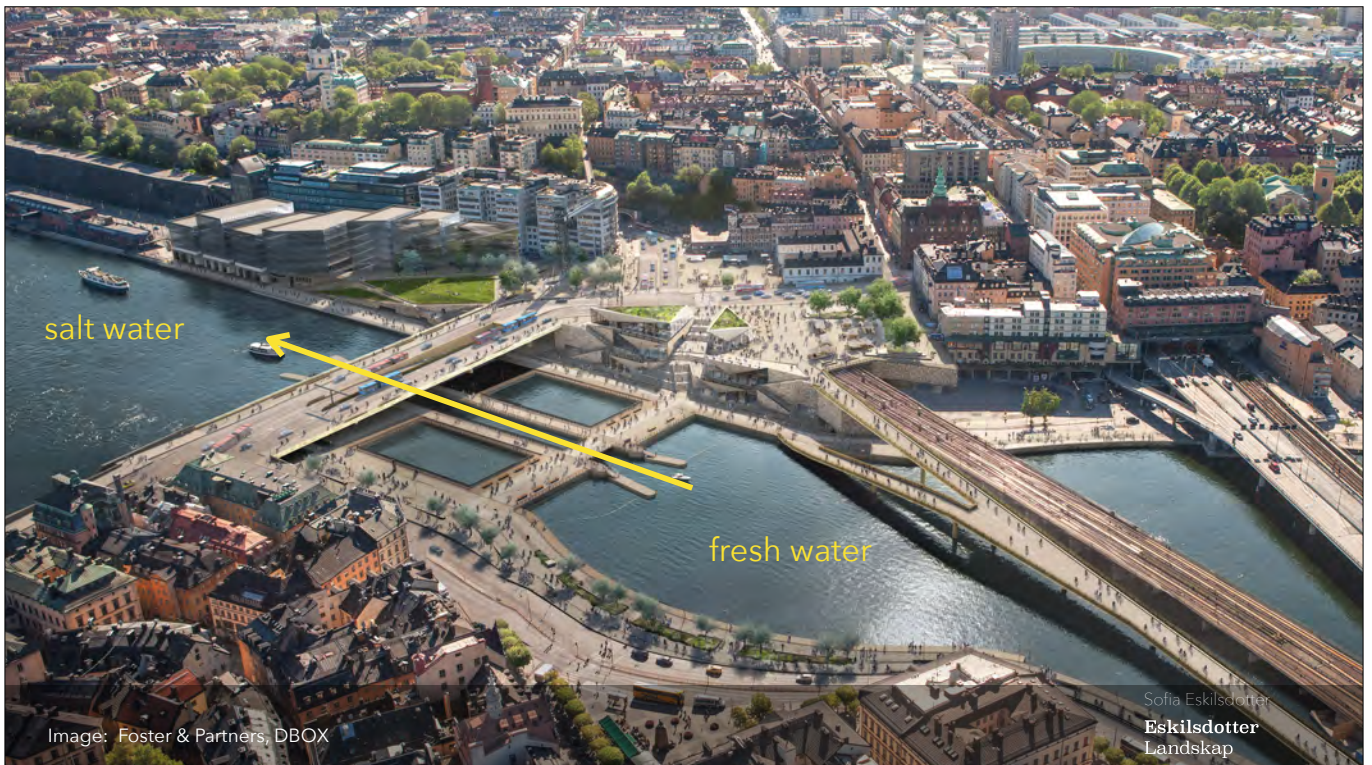
Slussen Stockholm

Transformation of an urban mega-project under climate, water, and infrastructure constraints



Bild Foster & Partners, DBOX

Sofia Eskilsson
Eskilsson
Landskap



salt water

fresh water

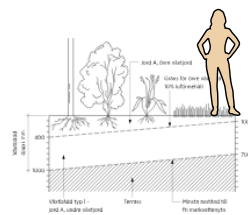
Image: Foster & Partners, DBOX

Sofia Eskilsson
Eskilsson
Landskap



CULTIVATION BASED

- the norm for plantsystems in ordinary gardens and parks ("soil-soils")
- production of biomasse- sensitive to compaction (anaerobic + no space for roots)
- requires regular loosening, irrigation and fertilizer
- nursery production often peatbased (drought sensitive as well as anti-microbial)

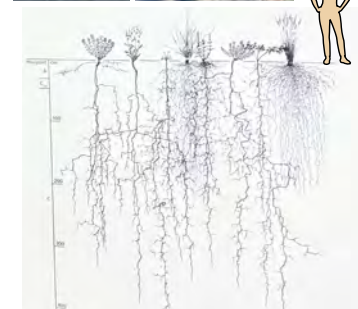


NATURE BASED

- > climateadapted
- > high biodiversity
- > low input - high impact

The city as a "stony mountain landscape"

- dry warm air, heavy rainfall, drought
- nutrient poor conditions
- withstands vibration and compaction
- collaboration with mycorrhiza - we pay fungi with biochar (from the substrate) for this collab to start quicker



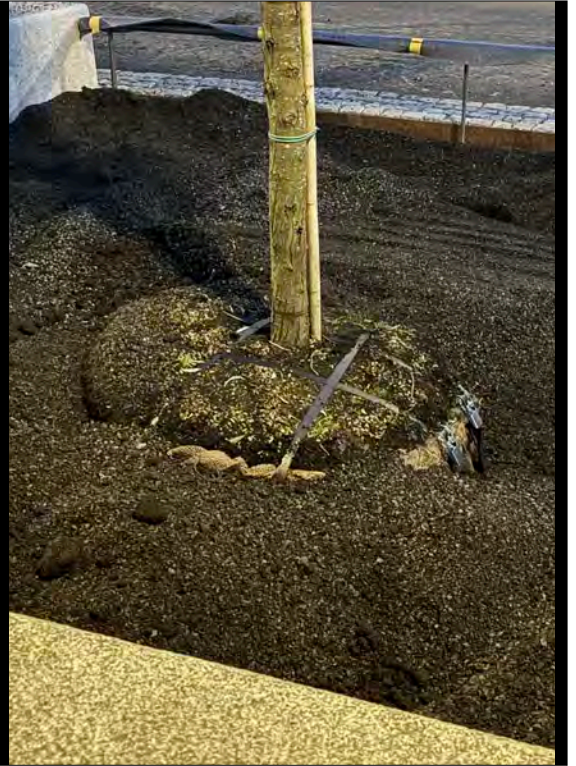






Photo: Jenny Hansen





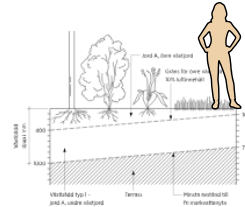
Photo: City of Stockholm



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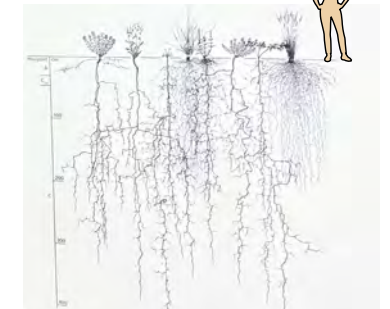


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Thank you!

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Projekt Slussen

Illustration: White architects

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