KJ456ESLÖV(SE)

Walk the track: A comprehensive spatial vision for unraveling the potential of a post-productive site.





RE:GENERATIVE LANDSCAPE

HOW DO WE RE:REGENERATE THE SOILS WITH PURPOSE AND BEAUTY?



CONTAMINATED INDUSTRIAL SITES

Sweden, and other countries are full of former industrial sites with vast areas of potentially valuable land. The present contaminants vary and would have to be sampled per case. We can however apply a general strategy based on the likely contaminates based on previous industrial activity. Bruksstaden in Eslöv, previously home to manufacturing, slaughtery and recycling activities are likely to at least contain the below contaminants in sediments and ground water.

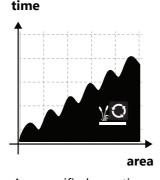


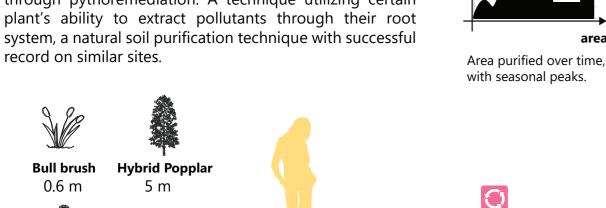


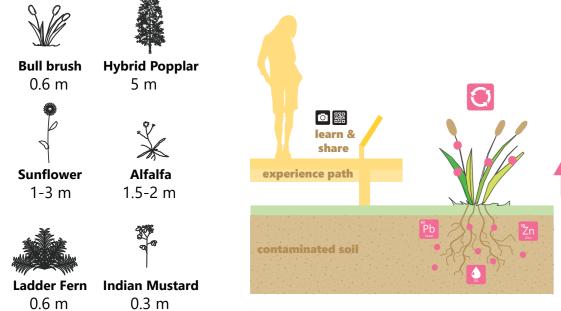


RE:GENERATION

We see the contaminated soils as an invitation to create a mechanism of regeneration, a regenerative landscape that evolves and blossoms with the greater developments. Bellow is a selection of plants, bushes and trees with various root length known for their excellent remediative properties to the above listen pollutants. The soil remediation is done through pythoremediation. A technique utilizing certain plant's ability to extract pollutants through their root system, a natural soil purification technique with successful

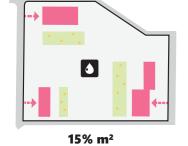






AN EVOLVING EDUCATIONAL LANDSCAPE

Through the process of remediating the soil we propose to create a set of pythoremediation gardens/playgrounds, at the initial stage fitted with a raised experience path where inhabitants and visitors may wander, enjoy and learn about the process of remediating the soil. Depending on the quantities and occurrence of specific pollutants, the process may take between 5-15 years, sometimes longer, which is why we propose a phased development approach in which the site evolves with the remediating landscape, where land gradually becomes available. This is also enables a business strategy for various developers and developments over time.



0-5 YEARS

present, remove

pilot sites.

debris and define

50% m²

5-15 YEARS Define the remedi-

Identifying which type of pollutants* that are ation garden and temporary experience path, allowing the residents to enjoy and learn about the process.









becomes a integrated

part of the garden.

BUILDING TOOLBOX

HOW DO WE RE:ACTIVATE THE EXISTING BUILDINGS ON SITE AND BEYOND?

SHEARING LAYERS

INDUSTRIAL TYPOLOGIES

To focus our interventions where they have most impact we carefully studied the industrial building typologies in terms of their shearing layers and carbon composition. This enabled us to deploy a resource conscious strategy in terms of which interventions give most architectural and urban quality, while carefully considering the carbon footprint and future adaptability. Furthermore industrial buildings are inherently modular and standardized, therefore having the possibility of applying our strategy in similar contexts - far beyond Eslöv.

To understand the context of industrial buildings and their

character/properties as well as value we looked at a histori-

cal overview along with common typologies and materials.



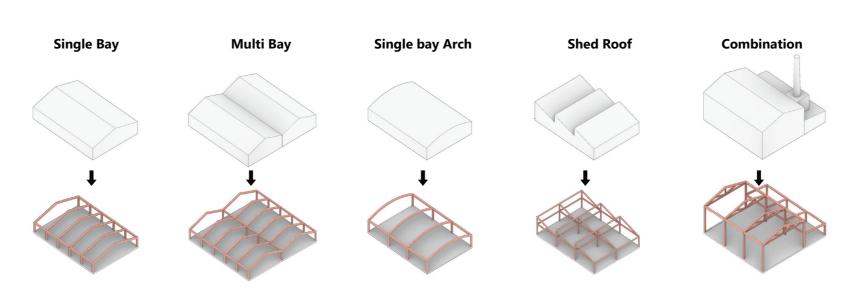
Small scale wooden

Brick and cast iron

Large span halls

55-70%

CO2KGEQ



INVENTORY

Building 1 : Hardware store

Structure: Steel / Wood

Potential:

Building 6: Office

Investment : €€€

Structure : Concrete / Steel

Carefully analyzing the existing building stock on the project site to understand their reactivation potential and condition*.

Building 2 : Warehouse

Potential:

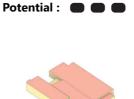
Potential:

Structure: Wood









Building 3: Warehouse

Structure: Wood



Building 4 : Warehouse

Structure: Wood



The structure makes up a

significant part of the total embodied carbon in a indus-

trial building as well having by far the longest life span,

making it the most essential

element to consider.

Structure: Steel

Investment : €€€

Building 7 : Office/Warehouse **Building 8 :** Office/Warehouse **Structure**: Concrete / Steel **Structure :** Concrete

Building 9: Recycling center Structure: Steel Potential:

Investment : €€

Building 10: Warehouse Potential:

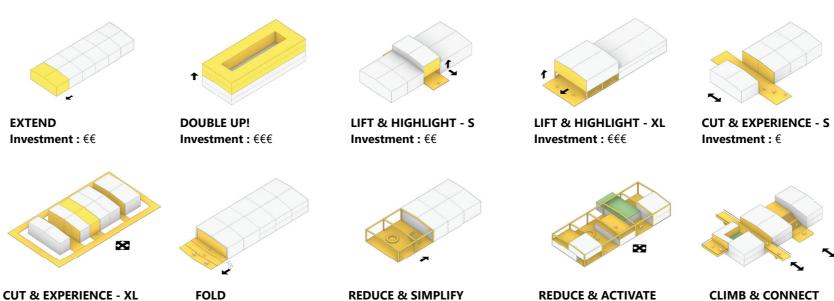
Building 5 : Manufacturing

Structure: Steel

Potential:

TOOLBOX OF RE:ACTIVATION

Catalouge of possible interventions in various scales of investment, applicable to multiple types of infrastructure typologies.



Investment : €

PUBLIC SPACE TOOLBOX

HOW DO WE ENGAGE AND CELEBRATE URBAN LIFE ON EVERY LEVEL?

CATALOGUE

We developed a range of tools and activators to promote an engaging and active and changeable urbanism. Most of the new urban tools make use of the recycled facade materials from the demounted buildings.

small furniture that activates, celebrates daily life in the neighborhood. Movable by hand or truck



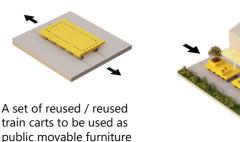




Movable pots and planters. Stored in Orangery during

Movable seating for daily and festive settings

M Semi fixed furniture and tools that can be used to support certain events, for instance a food market.

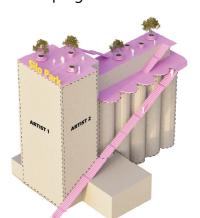


Urban interventions that activates both soft and hardscapes. In this case, a floodable skatepark that doubles as a rain/floodwater retention. Look closely and you will see the Lakes Västra and Östra Ringsjön.





XL Urban interventions on existing buildings to give them life. In this case we imagine the silo can double as a rooftop art park where invited artists can leave their mark, while keeping the current business active.



Investment : €