AD2EXU VT19-1 Degree Project in Urban Planning and Design, Second Cycle
Title: Reactivate/Recreate/Reconnect
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Reactivate / Recreate / Reconnect

There are always tensions between protection and accessibility, or urbanization and biophysical processes. There are always tensions between the two, but also between nature and society. The site and the surrounding areas have become neglected in recent years, and there is an urgent need to reconnect people to the natural environment and to restore the site's cultural and historical significance.

In this context, reconnecting the site to the community and transforming the urban space into a place of cultural significance is a key. And there are also other problems we need to solve, such as what kind of urban space can accommodate the needs of the community, and how can we make urban spaces more inclusive and accessible to everyone.

Creating a comprehensive system is one of the solutions. A smart system is a soft system which can make use of natural and urban resources. It can help to create a more sustainable and inclusive urban space.

Urban space: by building smart offices and adopting smart techniques. Creating more sharing spaces can be an additional solution, such as sharing production spaces, parking, public and emergency services.

The research site is located in the heart of Stockholm and has a diversity of landscape and cultural heritage. The site is located in an urban area and has an important ecological value for those who live around it. The area is located near the sea and has a rich cultural heritage.

The research site includes 10 districts: Alby, Husby, Kinda, Torsby, Riksdalen, and surrounding areas. Each district has a unique history and culture.

The strategies for existing landscape:

1. Reactivate the landscape

2. Create smart systems

The strategies for existing landscape:

- Make the circulation complete
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The existing challenges:

- Important green wedge in Stockholm
- Geographical segregation
- Social segregation
- Weak connection
- Weak circulation

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3. Create open space urban space

Open space is a term that means a product contains permissions to use its source code, design documents, or content, and allows users to learn, modify, and distribute the software to anyone for any purpose. Here, I want to use it to describe a new way of urban planning to open the building up to multiple users through using modular structures as a basic urban design, such as building, something and fabricating. The designer provides the structure and technical solutions for different projects, and the public collaborates with designers and becomes stakeholders, the actual will be up to the public. It does not dictate how people should use the space.

The goal of creating open space urban spaces is to encourage active participation in urban design, strengthen the interaction between people and designers, and improve people's social interaction to reduce isolation.

4. Recreate new ways of socializing with others

The design of public space in urban areas is to encourage active participation in urban design, strengthen the interaction between people and designers, and improve people's social interaction to reduce isolation.

Conceptual map

Legend:
- Smart community
- Smart farming
- Smart working
- Open source design
- Aquaponics & Hydroponic
- River & Fluvial
- Historical site
- Commerce
- Exhibition & Experience
- Education
- Recreation
- Park & Green space
- Forest
- Wetland
- Rain garden

Scheme generation

Active area

Add grid to the integration

Land use and transportation

The strategies for natural environment

Smart city and 4 structures

Open source projects