

RE-MEDIATE

INTRODUCING AN ADAPTIVE URBAN ECOSYSTEM IN GÄSSLÖSA



USES

Gässlösa will become a mixed use neighborhood, in which residential, cultural, and business functions can coexist. Larger scale business typologies will only be concentrated along Gässlösavägen.



- RESIDENTIAL BUILDINGS
- EDUCATIONAL INSTITUTIONS
- BUSINESS USES
- MIXED USE
- CULTURAL AND PUBLIC INSTITUTIONS
- GREENHOUSE PRODUCTION

STREET NETWORK

Parts of the existing street network will be implemented into the design. Newly proposed streets will be pedestrian and bike oriented, yet allow for emergency cars to enter and residents to drive through.



- MAIN STREETS
- RESIDENTIAL STREETS / ACCESS STREETS
- BUS STOPS
- COLLECTOR STREETS
- SHARED SPACE - PEDESTRIAN ORIENTED LAYOUT
- BIWAY

PUBLIC SPACE SEQUENCE

The inner loop connects public and cultural buildings with educational facilities. Furthermore it is the network of public spaces that connects the green and business spine with neighborhood uses.



- MAIN PEDESTRIAN AND BIKE CONNECTIONS
- EDUCATIONAL AND CULTURAL USE
- EDUCATIONAL LOOP WITH PUBLIC SPACE

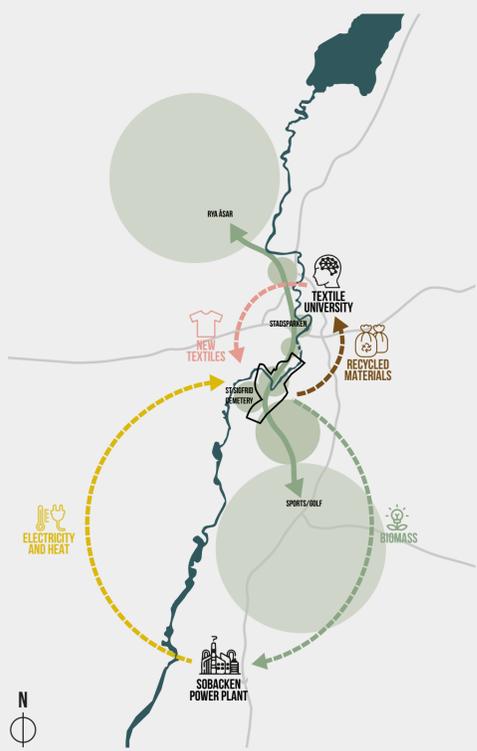
GREEN AND BLUE

The landscape becomes an important element in the site's development. Contributing majorly to ecosystem services and biodiversity through phytoremediation, urban agriculture, bioswales, wetlands, and courtyard green.



- PUBLIC PERMEABLE SURFACE
- WATER RETENTION / WETLAND
- RUN OFF BARRIERS: SOLAR PANELS, COAGULATION HEDGE, WETLAND
- MAIN DIRECTION OF WATER RUN OFF

WITHIN THE LARGER BORÅS



The design will be part of a larger context. Materials, collected from the site's waste management stations, is planned to be delivered to the research facilities in the University and Textile Fashion Centre, and through new technology, the recycled materials may be turned into new textiles. Furthermore, biomass gathered from the site's phytoremediated plants will be delivered to Söbacken power plant and in return, supply Borås with heat and electricity. The design is part of a larger municipal strategy to connect surrounding landscape together with urban green areas in a north-south axis.

INTRODUCING AN ADAPTIVE URBAN ECOSYSTEM

The synthesis between living, working, nature, and recreation are the main drivers for the design proposal. Ultimately creating a productive cradle-to-cradle neighborhood. The vision is that Gässlösa will become its own kind of ecosystem, in which a symbiosis between the green, built, and the living is able to support the needs of people and nature on the same level. This will create a cycle of functions in which everything that is put into it, will mutually define, impact, and support something else. The existing fabric will be incorporated into the design during different phases of implementation, which allows a sensitive design approach that is flexible in functionality and with highly adaptable typologies.

1 CONNECT

Through different activated and productive natural assets, the site becomes an important green value connector in Borås. A diversity in natural assets will be resilient and reactive under changing environmental circumstances, forming the heart and foundation of the site's development.



3 EDUCATE

The inner loop ties together various urban and green fabrics of the site and its surroundings. Educational, public, and cultural facilities follow this network of public spaces as different anchor points within the area, creating an accessible public realm that is not only exclusively commercially used.



2 RELATE

The flexible grid development follows various given circumstances on site, such as topography levels or views towards the Viskan river and the mountainous surroundings. The new network sensitively incorporates the heritage of landscape and built structure into the new design.



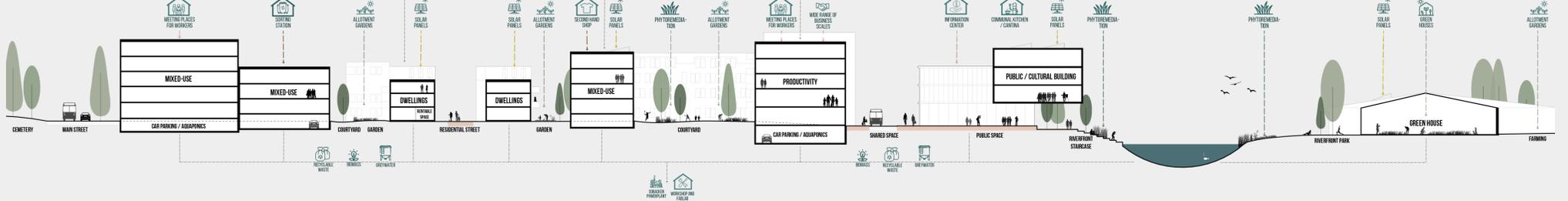
4 PRODUCE

Different sized businesses have the opportunity to (re-)settle in various large, medium, or small scale business typologies on site. Furthermore will short term rentals, between 2-5 years, be facilitated in order to ensure a renewal of the businesses in certain party of the site.



FROM JÖSSAGATAN TO THE GREEN HEART

SECTION AA' SCALE 1/1000



FROM THE UPCYCLING AREA TO THE SCHOOL

SECTION BB' SCALE 1/1000

