



LINEAR PARK LINKING THE DISTRICT TO THE TRAIN STATION WITH INTEGRATED STORMWATER MANAGEMENT AND PRODUCTIVE BLOCK TYPOLOGY



COMMUNAL SPACE OF THE REFURBISHED WAREHOUSE CO-WORK HUB "TRELLEBORG 2.0" WITH THE OPEN SEA VIEW



NATURAL "SANDLIFE" BEACH WITH RESTORED WHITE AND GREY DUNE HABITAT AS A PART OF 5 KM LONG WATER PROMENADE

PRODUCTION: SCALE AND TYPOLOGY

Scale: The key strategy to promote production processes in the proposal is to provide a wide range of spaces, from small (S) rental spaces which can accommodate smaller businesses to extra large (XL) spaces with area over 2500m² for warehouses, bulk stores or large workshops. The L, M and XL spaces are mostly located in the refurbished old warehouses in the old harbor. S and M production spaces are integrated within the new productive blocks.

Typology: The scale and placement of the productive units within the site allow for various productivity. Productive places can take form of manufacture, food production, repair and reuse workshops, creative industries or stores. Places in the old harbor allow for more noisy and logistically demanding functions while the ones that can be integrated with residential functions have opportunity to happen within the residential blocks. The delivery routes and entrances for the trucks and parking are an essential part of the site and can be found around the warehouses as well as within the residential mixed use blocks.

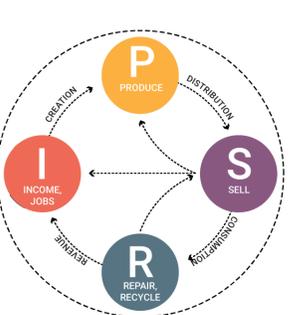
- S** 100-300 m²
- M** 300-850 m²
- L** 850-2000 m²
- XL** 2500 m²+

- BISTRO AND RESTAURANT
- BIKE WORKSHOP
- HEALTHY SALON
- FLOWER SHOP
- WORKSHOP AND GALLERY
- CLAY WORKSHOP
- WOOD-CARVING WORKSHOP
- PRODUCTIVE GREENHOUSE
- UNIVERSITY WORKSHOP
- FOOD MANUFACTURING
- FARMER'S MARKET
- CERAMIC SCHOOL
- URBAN BAKERY
- LOGISTIC CENTER
- METAL WORKSHOP
- WHOLE SALE
- WALK FOOD SALE
- DIY STORE
- PRINTING AND PUBLISHING
- PHOTO STUDIO AND STORE
- 3D PRINTING
- MUSIC STUDIO
- COOKING SCHOOL
- WOOD-CARVING WORKSHOP
- PRODUCTIVE GREENHOUSE
- FURNITURE MANUFACTURE

LOCAL CYCLE ECONOMY

Local cycle economy is based on providing all the necessary functions within the keychain on the site, the block or within the city of Trelleborg. The mixed typology and variety of spaces for production allow for the cycle of Produce, Distribute, Sell, Consume, Repair to happen locally and therefore provide a revenue that goes back to the local system and economy. By locating the local economy of Trelleborg, the increase of local jobs will be supported.

The right mix of production and other parts of the trading chain should be put together to provide efficient use of resources as well as labor. The proposed neighborhoods provide enough production space so that the productive functions that are nowadays placed outside of the city can move back into the neighborhood and take advantage of being integrated into the urban fabric within situated typologies. Through relocating the production back to the city while keeping the need for transportation and goods trade can be reduced significantly and can give opportunity to the new ways of trade of short distances.

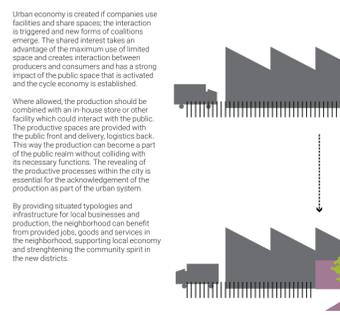


PUBLIC SPACE AND PRODUCTION INTERACTION

Urban economy is created if companies use facilities and share spaces; the interaction is triggered and new forms of coalitions emerge. The shared interest takes an advantage of the maximum use of limited space and creates interaction between producers and consumers and has a strong impact of the public space that is activated and the cycle economy is established.

Where allowed, the production should be combined with an in-house store or other facility which could interact with the public. The productive spaces are provided with the public front and delivery, logistic back. This way the production can become a part of the public realm without colliding with its necessary functions. The reweaving of the productive processes within the city is essential for the acknowledgment of the production as part of the urban system.

By providing situated typologies and infrastructure for local business and production, the neighborhood can benefit from provided jobs, goods and services in the neighborhood, supporting local economy and strengthening the community spirit in the new districts.

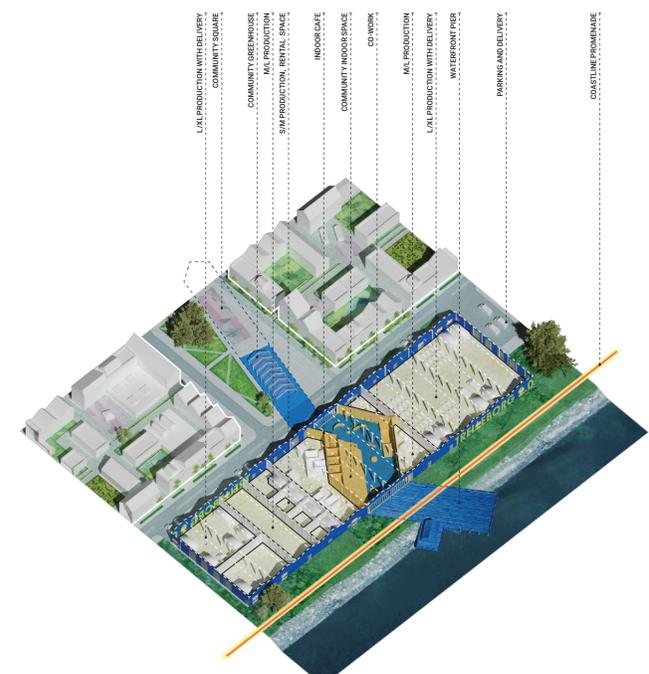


PRODUCTION INTEGRATION

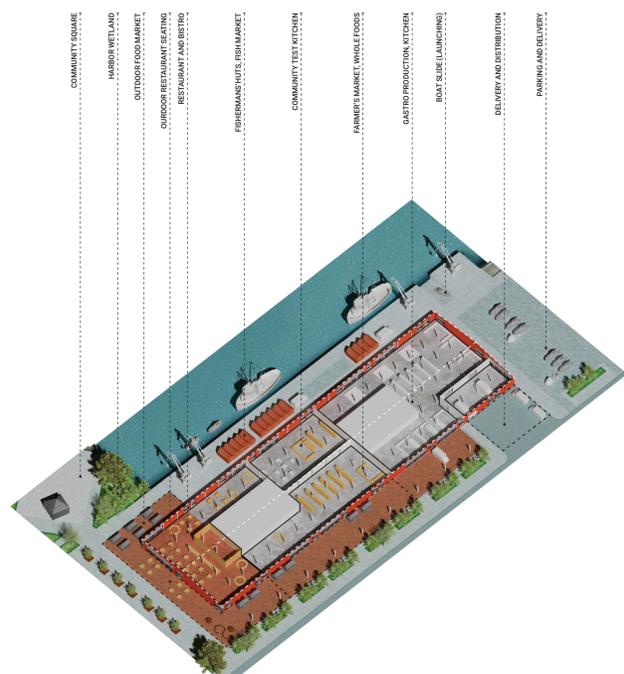
The strategy uses two tools for integration of the productive functions.

In the Harbor district, large blocks which are required by traditional workers must use block typology are formed to combine housing, S and M production and community production. Community production is run by the residents and provide a local economy to the people living within the block. Small and Medium size production is placed strategically within the block to allow easy deliveries as well as interaction with the public realm. Production in this part creates an interaction, something that influences urban space and has a positive impact on the public space.

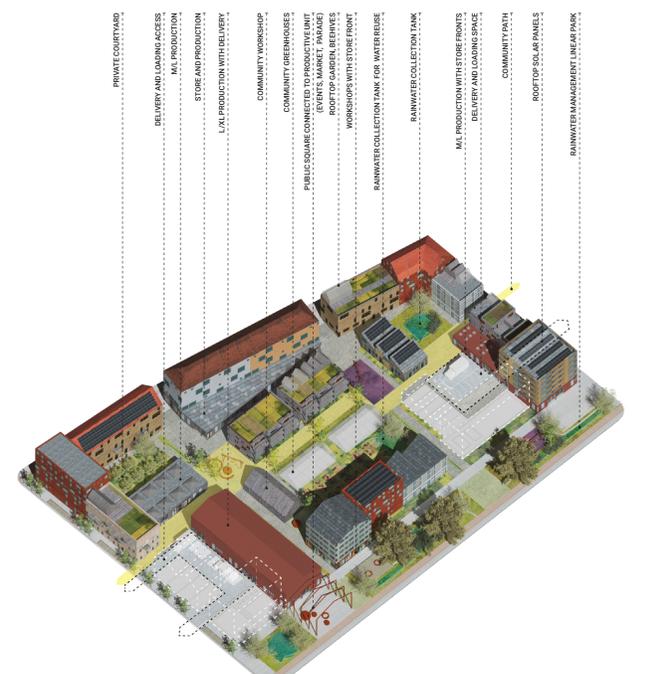
In the Seaside district, the reused warehouses provide enough space for the L and XL production as well as large delivery entrances. The combination of productivity with creative thinkers and public functions, such as cafes or indoor playgrounds and skateparks, create a diverse mix of functions and interactions which takes advantage of the existing structures. The refurbishment and new activation of the places can start happening with a right facilitator much earlier before the new development happens.



CO-WORK HUB "TRELLEBORG 2.0"
Trelleborg 2.0 is a reused warehouse which is given a new identity by newly added functions and updated appearance. The simple branding, such as a strong color facade, can give the place a sense of a new beginning and the warehouse can become one of the key starting projects of the redevelopment in the area. It is crucial to open the warehouse to the public and use its potential to become a sheltered public space with public functions, such as cafe or public park. The space inside can be divided into many units of different sizes, providing spaces for thinkers (offices, co-work spaces, creative hubs) as well as makers (manufacture, workshops, repair shops) or public (community lecture hall, skatepark, playground).



FOOD HALL
The Food Hall is an old refurbished warehouse which is turned into a space for food production, storage and transformation, food market and food hall for consumption. This is an essential place for the neighborhood, as it can serve as the main food source that the local food products can use for selling their products. A space for cooking and food distribution can supply local schools and public canteens, while the market supports local economy by using locally harvested products from community fields. The connection to the sea and fishing huts also provides a possibility to accommodate one existing fish market. The side which connects to the public square serves as a restaurant for public and interacts with the outside when weather allows for it. The facility can be also used for community cooking and public cooking classes to make use of the equipment and amenities. By combining the different food production and consumption function within one building the synergy effects support the use of the building through the whole day.



PRODUCTIVE RESIDENTIAL BLOCK
Productive block is an urban typology of the Harbor district which takes inspiration from Trelleborg's large urban blocks and integrates new productive and community functions within. Production in the block takes place in the designated structures which allow for small to medium scale production with a special delivery entrances and truck parking spaces outside. The production is connected to the public realm to take use of the possible interaction with the manufacture stores or shops as well as it enhances the courtyard life within the block. The inside of the block provides a place for food productions or local community rental workshops. The block functions as a productive unit with its own stormwater reuse and recycle network and energy production (solar panels). Vegetated retention ponds as well as green roofs provide a biodiversity to the urban environment. The roofs can be used for food production or just as simple green roofs to create a natural habitat for birds, insects and animals.