Current Östberga Recycling Center, one of five recycling centers in the Municipality of Stockholm, is too small. There are constant complaints of safety, such as accidents, which have created a bad reputation for the center. Projects are being developed to increase the size of the site and transform it into a usable public space. This new space will include a re-use center for upcycling and reselling, as well as a new public space for urban farming and waste exhibitions.

**Problem:**
Currently Östberga Recycling Center; one of five recycling centers in the Municipality of Stockholm, is too small. There are constant complaints of safety and car accidents which has restricted opening times due to the logistic overloads.

A referral in Stockholm municipality has been published calling for a plan of action for either the expansion or move of Östberga Recycling center within the next two years.

Due to bad political lobbying in the errand, the recycling center will most likely stay its current location. I believe this is a great opportunity for the Municipality of Stockholm to invest in a larger project that can become a positive example of progressive waste management in Sweden and that hopefully could stimulate new markets of waste.

**Proposal:**
Firstly I propose moving Östberga Recycling center to a more visible location along a major highway, between a large public park and a cluster of shopping/offices boxes. In doing so, the building will also be more accessible for those travelling by foot, bicycle and public transport. Secondly I propose expanding the program to include a Re-Use center, bio-café, exhibition spaces and urban farming. The program wishes to create a new public space dedicated to discussions and meetings on waste today.

**Program Overview -> New Site owned by the Traffic Office**

**Future Developments**

**Transport/Pedestrian Flows**

**Situations Plan**

Scale 1:1000

**Context**
The Culturehouse of Waste is composed of three program components; a Re-Use Center, a Recycling Center and a large Urban farm containing a bio café and exhibitions relating to waste management. Together they form a holistic approach to waste management in the municipality of Stockholm today.

The Re-Use Center is dedicated to sorting, fixing, storing and exhibiting bulky waste that has a second-hand value for re-selling. The central part of the center can be opened up and programmed with activities relating to upcycling. This can for example be weekly flea-markets, workshops, meetings/confrences on waste management, as well as space for fixing and rebuilding old furniture.

The Recycling center is a development from the existing typology where bulky waste is thoroughly sorted and material with a second-hand value is taken into the Re-Use Center rather than being sent straight to incineration.

The urban farm works as a connector on the site. It is a large enclosed greenhouse space that is primarily filled with urban farming for the bio café and for selling. The space can be used for exhibitions relating to waste management that the Municipality of Stockholm can curate to increase awareness on the subject of waste management.

Similarly to Alelycke Eco-Cycle park in Göteborg, the building will work as a destination. Instead of simply driving your car to a container park, the building gives the possibility of parking and taking a walk through the exhibition and residing in the bio café. The municipality can also closely collaborate with schools to organise daily visits at the center and work as an education platform on waste management. All in all, the building will be a demonstration artifact, a much needed push to improve the status-quo.
**Corrugated Plastic Skin**

1250mm wide sheets of 40mm corrugated translucent plastic mounted with aluminium profiles.

**Wood Beams**

10m wood beams (125mm x 250mm)

**Steel Trusses**

Triangular steel tube beams bolted to v-shaped steel columns.

**ETFE Skin**

Double ETFE membrane attached to the underside of steel trusses (2500mm x varying height)

**Suspended Planter Boxes**

600mm deep planter boxes suspended in steel trusses.

Underside - metal grating for hanging exhibition and installations.