



CATEGORYUrban/architectural

LOCATIONLerum

POPULATION15 800

STUDY SITE20 ha

PROJECT SITE8 ha

PROPOSED BYThe municipality of Lerum

OWNERThe municipality of Lerum

ASSIGNMENT

In the western parts of Lerum, right at the coast of lake Aspen, the local water purification plant will close and the polluted water will be integrated in a larger regional network. This creates an opportunity to restructure and develop the area.

THERE ARE TWO MAIN AIMS FOR THE COMPETITION. THE FIRST IS TO INTEGRATE THIS PART OF ASPEN WITH OTHER EXISTING PUBLIC AREAS ALONG THE LAKE, AND THE OTHER AIM IS TO DEVELOP A HOUSING SCHEME ON THE SITE.

There is a tram station on the railway line adjacent to the site. The proximity to communications makes the site well integrated in the regional network of cities. At the same time, the traffic generates noise, which has to be considered. It is important to create a situation where public access to the water is preserved. By accommodating this, the various functions along the water can be preserved and animated

CITY STRATEGY

Lerum is a municipality 20 km east of Göteborg, the second largest city in Sweden. The majority of the inhabitants live in single family houses. The population density is rather low compared to the rest of the region and there is a large amount of lakes in the municipality. There are good connections with Göteborg, and this has created a demand for housing in the town centre. Several new housing schemes are being implemented at the moment. One of the main qualities of the town is the proximity to lake Aspen, where it is of a strategic importance to create a shoreline with public access. The railway and motorway creates a strong boundary, with a situation where the eastern parts of the town are disconnected. It is important to consider ways to connect these areas to the shoreline.



DESCRIPTION OF THE SITE

The shore of lake Aspen has many different recreational uses. It has a conference centre and a sailing school, using the lake as a training area. At the shore there is also a water purification plant that acts as a barrier, dividing the shore in two disconnected strips. The closing of the plant gives an opportunity to create a continuous strip, connecting the various activities into a whole. The existing buildings on the project site are not of any specific value and it is possible to propose a new structure on the site. The main road and the railroad connecting Lerum with Göteborg pass through the site and the tram stops right next to the old plant. This is a great quality in terms of connection but the side effects are noise and transport of goods, which require safety distances. The road also creates a strong boundary, giving the eastern parts of Lerum limited access to the water. Studies show that the site is exposed to noise from the adjacent road and railway. This problem is something that can generate a type of structure that protects the site from noise

without acting as a fence towards the eastern parts of Lerum. A proposed connection crossing the motorway is regarded as an important feature to provide public access to the lake. There are many elements on the site with different uses and it is important to create an environment that maintains such a variety. The housing scheme should utilise the great recreational surroundings without blocking the public character of the place. It is also important to create an area with a strong identity. The water levels of Aspen is slowly raising, another factor that might effect the planning of the area.

NEW URBAN MOBILITY

Lerum is well connected in a regional scale. On a local scale, new networks and connections need to be developed. Easy access to the tram stops is one way of strengthening the importance of the public transport system. It is also important to improve the pedestrian networks.



NEW SOCIAL LIFE

The lake Aspen hosts various social functions and acts as a platform for social interaction in the town. To increase the variety of different possible uses, this can be further elaborated. Along the lake there are several functions dedicated to the younger population such as the sailing school and BMX tracks.

NEW ECOLOGY

The project deals with ecological development in two ways. By densifying the centre and avoiding sprawl, a more efficient system may be developed. The proximity to the tramway also generates a dwelling type suited for commuting, and the connection to the public transport system can encourage other means of transport than by car. There is also a wish that the buildings are developed with a strong focus on sustainable technologies.





Aludden conference centre



The water purification plant



BMX tracks



The district heating plant