create a circular flow with the city and its infrastructur and the energy production. providing form. We gain carbon dioxide and nutrient-rich waste water and produce by photosyninhabitans.

with our algaescape. These are for example an information and teaching point, an ing on the algae population and an slightly inclined shape towards the south. by the surrounding restaurants, and several possibilities to do sports or outdoor of it. acitivies all in direct impact of the algaeproduction.

In this way we connect the output of energy with the city and its inhabitans, and expose the potential of energy production by biomass with a everyday use of the algaescape and a matter of course of innercity energy production.

With our algaescape we provide an environmental connection on different levels, We started by analysing the process of energy production by algae. Out of this process we chose the part of the specific algae prodution, which requires the biggest The first one is the technical production of energy by biomass. Here we are able to amount of space, and transformed it into a both biomass producing and space

thesis algaebiomass and oxygen. The installation works like a filter for the city which The algae containing tubes which are used in typical algaereactors where replaced clean the air and water. The algae can be processed for foodproduction, cosmet-by flexibel plastic sleves and weaved to a textile. During the weavingprocess it is ics and energieproduction in form of fuel or gas which again serve the city and its possible to imply different layers to the algaemesh, like a bearing structure and a suply and controling system which is necessary for the algaegrowing. This textil is now able to form connect and affect spaces below and above it and is decisivly The second level are the functions and variety of spaces and atmospheres we offer aligned to the algae production. Mayor effects are a varying transparency dependopen air stage with a view over Copenhagen, a covered outdoor bar or café run. The textile is like a shaped cloth which allows communication between both sides



