

ENERGY GARDENING

urban gardening | renewable energy | regeneration

the main idea is based on the idea of generating a space for relaxing and open activities. as copenhagen is right at the ocean a dune/ beach landscape is the closest leisure zone. the areal landscape was modified by changing the heights of the given layout. generating sinkings and elevations the landscape is determined and feels saturated. the heights block out any sight on the landscape behind. you have to climb up the dune to satisfy your natural need of curiosity. the design for the layout is worked out in modules which at the end gives the area a very high recreational value not only for the citizens of copenhagen but vistors and tourists alike. the area's urban gardening approach will be picked up and extended. two different options will be introduced. the option of working in community gardens as well as private gardens. for optimizing the energy input chinese silvergrass and quick growing cottonwood plants will be planted. after a short period of growth of two years the plants can be anually harvested and used for energy production either by being burned or gased. as a further design highlight a look-out stair with a direct view at the mermaid of copenhagen. at the front end organical photovoltaic elements generate additional energy. with both ways of creating energy 52 two person households will be adequately provided with energy.

