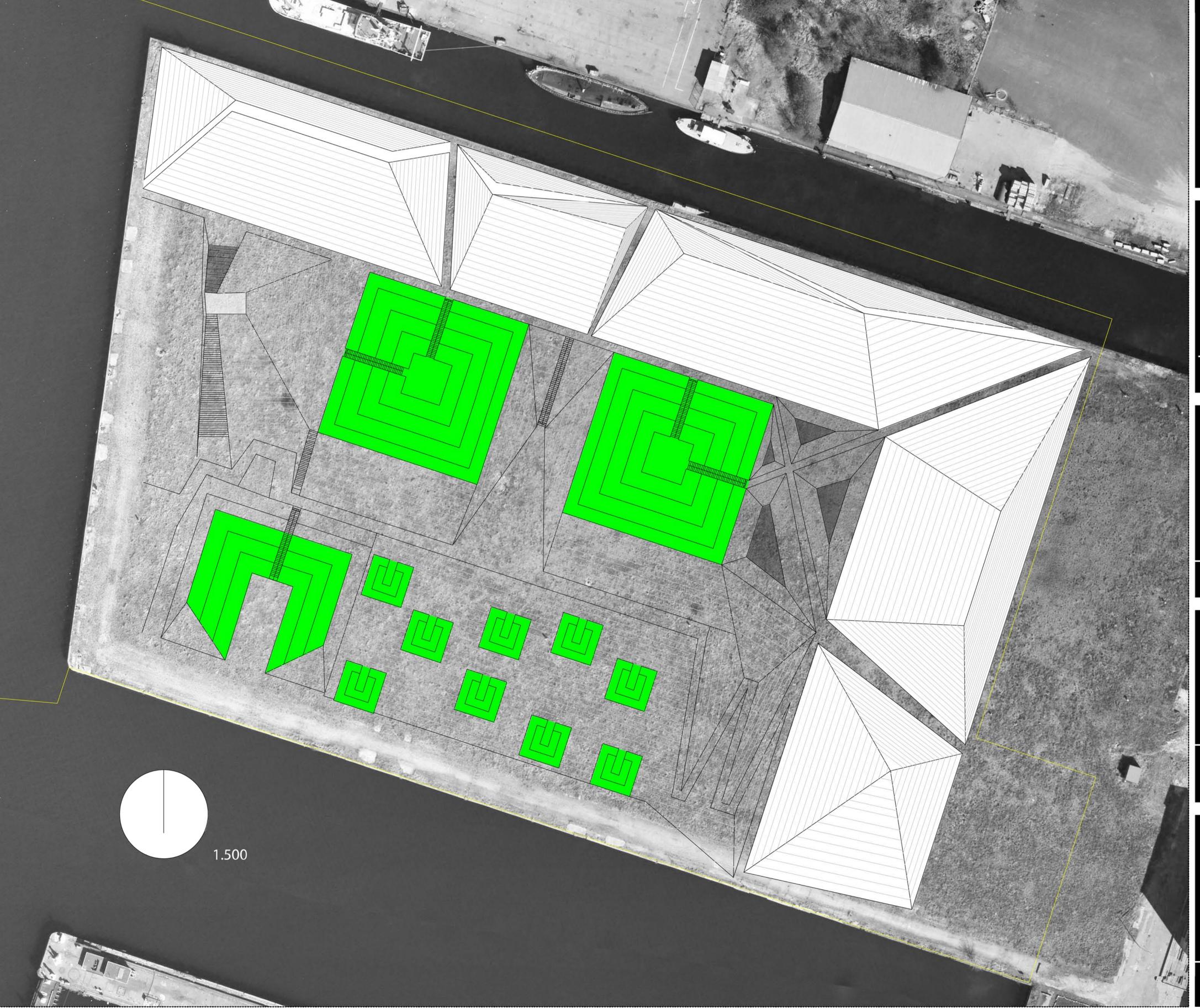
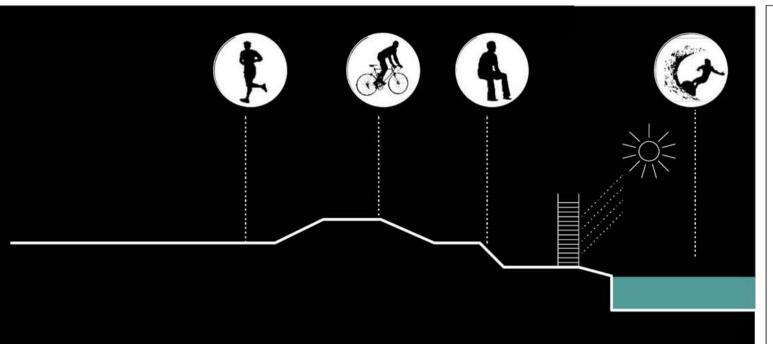
# ENERGY GARDENING urban gardening I renewable energy I regenaration

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 citizans 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 anualy 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.

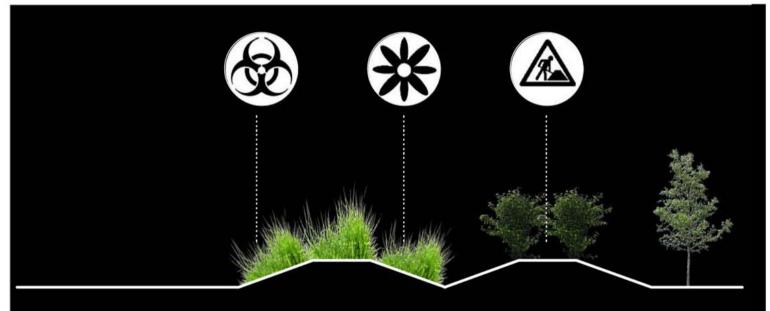






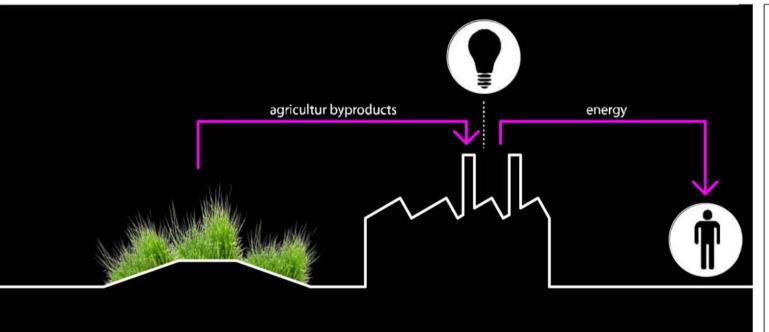
#### PHASE 1

change and saturation by moving the earth and saturated, the created space ca e.g. a run, cycling or surfing at the created beachside. the look- out tower facing eastward gives a perfect view at the mermaid of copenhagen and generates energy via organical photovoltaic at the facade.



#### PHASE 2

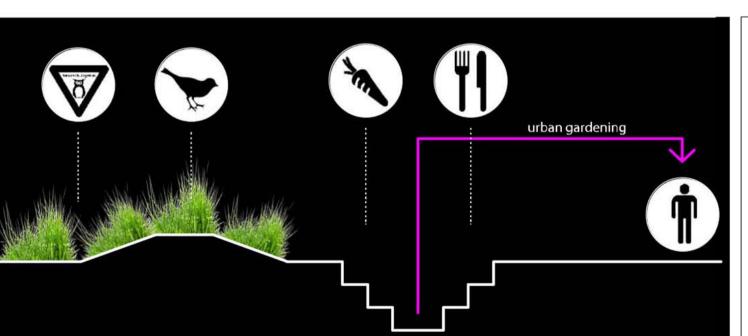
cleansing of the contaminated ground via planting different soil cleansing plants e.g. chinese silvergras, cottonwood, nettle, tobacco, canola, alyssum and different kinds of brake. these plants will be planted at the incline and decrease of the newly designed landscape with enough green areas for



# PHASE 3

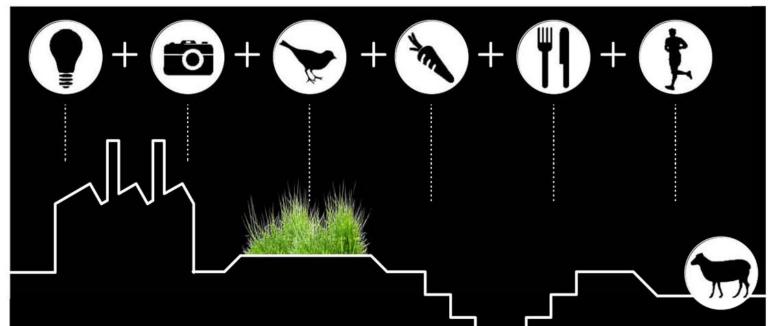
the harvest and use of the planted plants especially the fast growing chinese silvergras and cottonwoods (total of 1,2 hectare [space]and 30t dry weight/a) can produce 183,6 mwh/a.

this number equals the energy consumption of 52 2ppl



### PHASE 4

after the plants have successfully cleaned the ground certain areas will be approved publicly for planting fruits, vegetables, herbs, etc. while the eneryplant production will continue and offer various animals a living space.



## PHASE 5

the concept of shared space is introduced. public space can be used privately for growing fruits or vegetables as well as commonly used eneryplants. the area should work as a magnet for the citizens of copenhagen as space for various activities or recreat ional purposes with a slights different view at the landmark