

The 21st century factory is a phenomenological space where man and technology critically encounter each other.

FACTORYSCAPE

A NEW TYPOLOGY OF FACTORY

The journey that began with humanity interlocking coal to steam engine some 200 years ago, has escalated our influence on the planet dramatically.

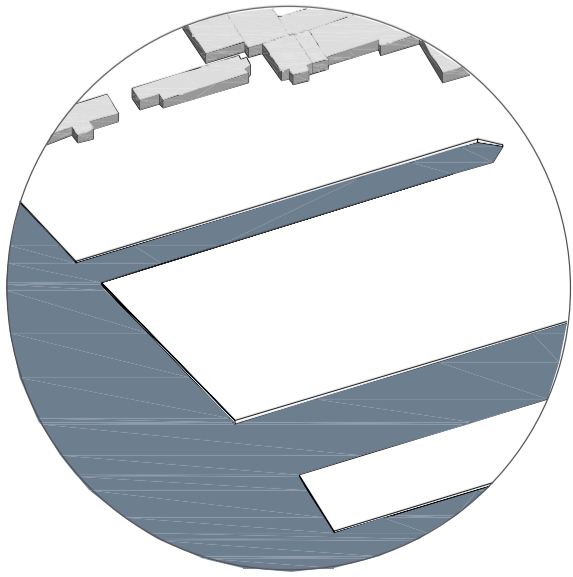
It was a technological shift that triggered the dangerous change of ecological balances. This shift in turn is now prompting a social shift which develops the understanding that resources are scarce and our existence on "the spaceship earth" is fragile.

The proliferation of new research and inventions which are enabling energy production without carbon emission perhaps is a result of the climate we are living in, not only the physical but also the cultural one.

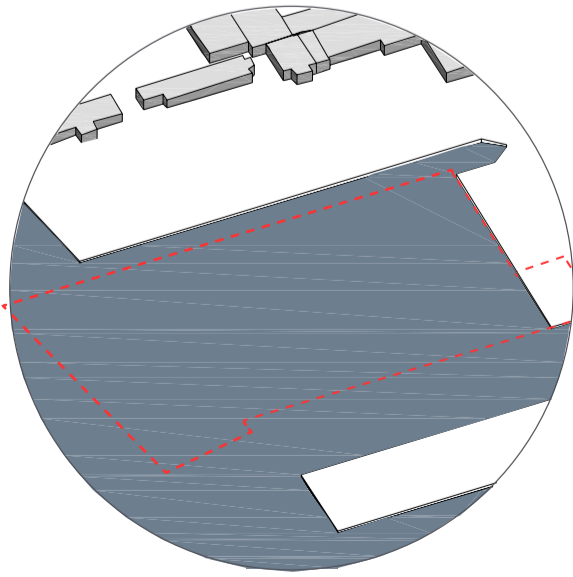
One thing is clear, it is right now a must to mobilize the human resources as well as the technological ones.

Our vision for the **Factoryscape** uses the 21st century technologies to introduce a zero-carbon energy system and to create a phenomenological experience for the visitors to view the accumulation of technologies which document the human progress.

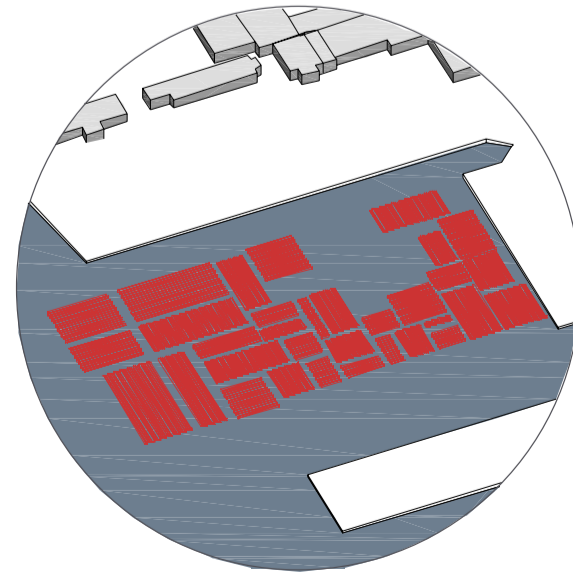
Visitors are immersed into a space where they encounter the technologies in an entirely new manner, which would make them reflect upon the relationship between themselves and what they are viewing.



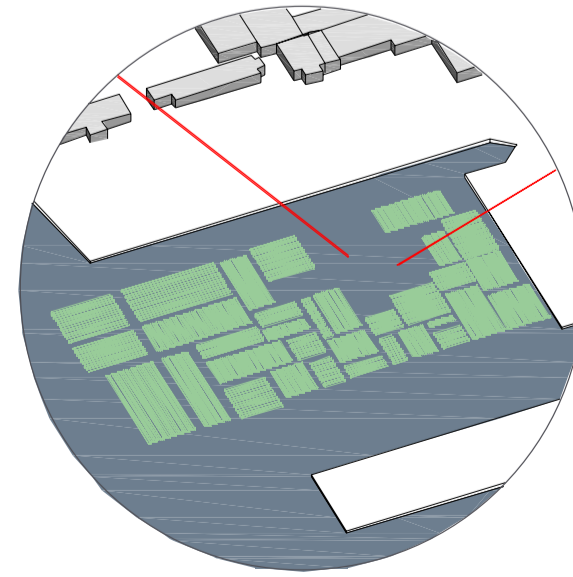
In a site where it is too small land to exploit wind forces, too little sunlight to use solar energy, too still water to test the forces of waves how can one generate energy?



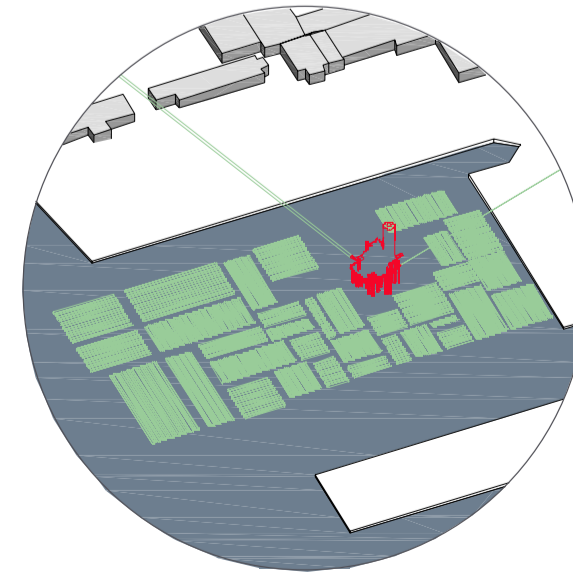
Industrial land takes a step back for the needs and necessities of the 21st century.



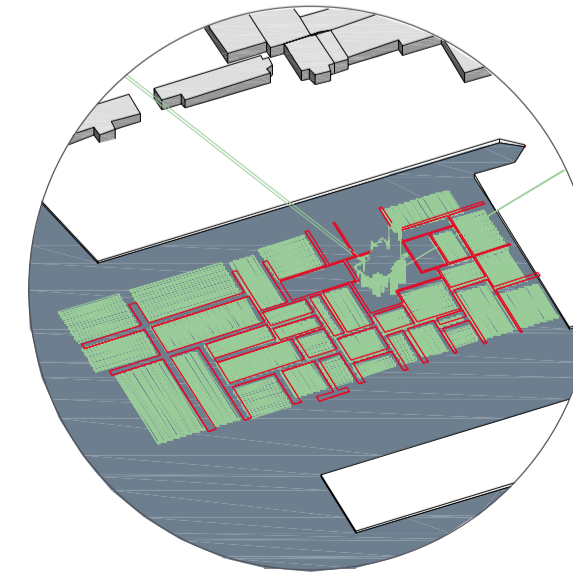
Algae farms fill the site to provide the resources for urban energy generation.



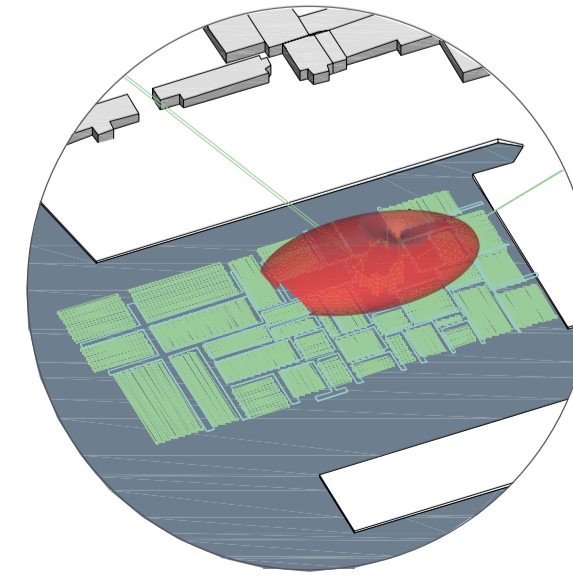
Waste water from the treatment plants and from the marina is transferred to the site, feeding the algae farms.



An ecology of technologies is built up, combining the infrastructure for energy generation.



A meshwork of promenade is built along the farm for viewing and access.



A red plastic surface covers the factory, generating a space where sounds of the machinery are echoed, its connectivity visualized, its sculptural qualities are exploited.