

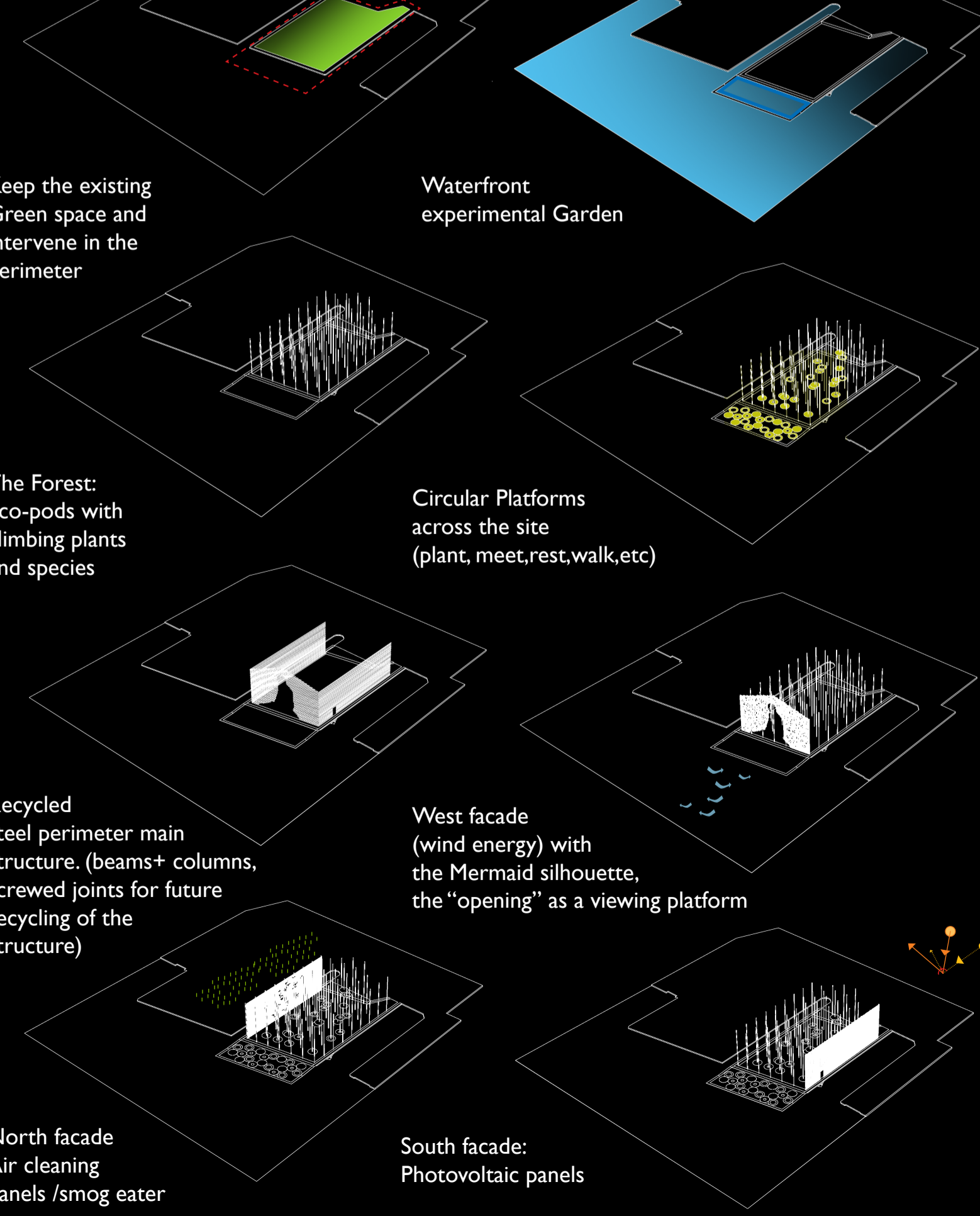
The Mermaid's Forest

“We envision public art three dimensional intervention for Copenhagen, a tribute to Refshaleøen shipyard industrial heritage that now will be used as a public green open space for locals and visitors which at the same time generates utility-scale clean energy”



Copenhagen: the 2014 European Green Capital. After going through the Copenhagen Climate plans pages (towards Carbon Neutral by 2025), we immediately knew that the proposal had to express in its design the concept of Human Environmental Interactions and be one that emphasises the preservation of ecosystems while at the same time promoting the green transformation of our energy systems. So we imagined a 100 meter height structure aligned within the plot perimeter limits whose shape resembles a traditional shipyard warehouse, giving it's interior a Forest-like character where people and nature will meet. This open space filtered with daylight will held different panels to inform citizens about the City Climate plans and on how their city measures the risk of flooding from stormwater and sea-water. Now the warehouse becomes a new symbol not only of the Industrial heritage of the Site, but one of sustainability itself, one that promotes biodiversity and can generate utility-scale clean energy. This three dimensional sculptural eco-warehouse integrate in its design 3 main facade technologies: a total of 5532 Photovoltaic panels (South facade), 3456 wind power panels (West facade) and 5544 air cleaning panels (North facade). The estimated annual Photovoltaic production will be around 933 179 kWh/year and the CO2 annual savings 650 Tons/year. We propose a new "Void" or opening on the West facade by extracting the silhouette of the Little Mermaid statue so that viewers can enjoy the site's views and automatically create a imaginary link between this national symbol and the site's new use. The waterfront experimental garden will be a new floating and floodable area which will allow citizens to experience by themselves new types of aquaponic systems (aquaculture+hydroponics), which can contribute to the city future food supply demands.

LAGI 2014 Site:
Sønder Hoved pier
section of
Refshaleøen



The Site's views across the harbor to the Langelinie and the cherished statue of the Little Mermaid are inspiration sources of the project.

RENEWABLE ENERGY CAN BE BEAUTIFUL

