



CITY LUNGS

Parks are to the city like the lungs are to the body. Arena Green is one of the important parks in San Jose, California. It plays a significant character that clearing the local air pollution and purifying the water resource. According to research, about 40% of the annual global oxygen production is due to algae. It is really an amazing natural resource. Algae resource can be used not only in environment purification but also to provide electricity and biomass fuels.

Our landmark building system is designed to mount tube algae harvesters and light power providers. Not only is the façade marked by luminescent green, but it is also literally alive, with the ability to transform carbon dioxide into oxygen and solar radiation lipids for biofuel production. It will definitely increase health and wellbeing for residents.



LENGTH OF CONSTRUCTION MILE

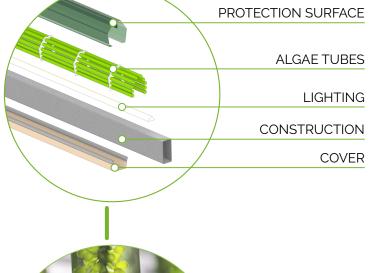


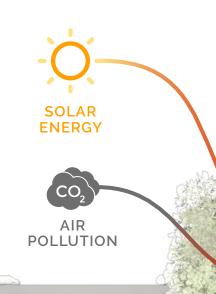


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EQUIVALENT TO NEW YORK CENTRAL PARK

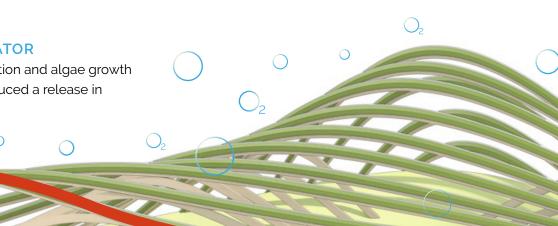


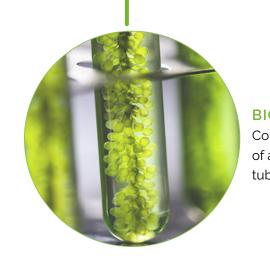


WASTE WATER

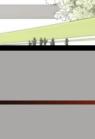


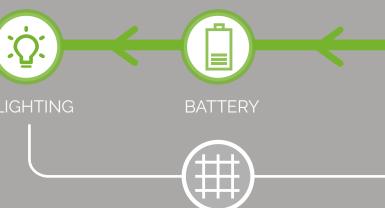
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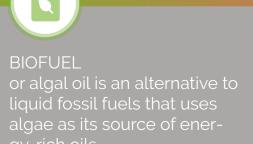
BIOREACTOR
Continuous circulation
of algal culture in a
tubular bioreactor











ALGAL BIOMASS is rich in nutrients, especially nitrogen and phos-

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