

archipel-OASIS

In the year 2065, human technology has mastered the art of self sustainability at a precise point, in a contained environment.

Environmental concerns such as climate change and resource depletion prompted scientists to come together in the the creation of an experimental environment on Notre Dame and Sainte Helene Islands.

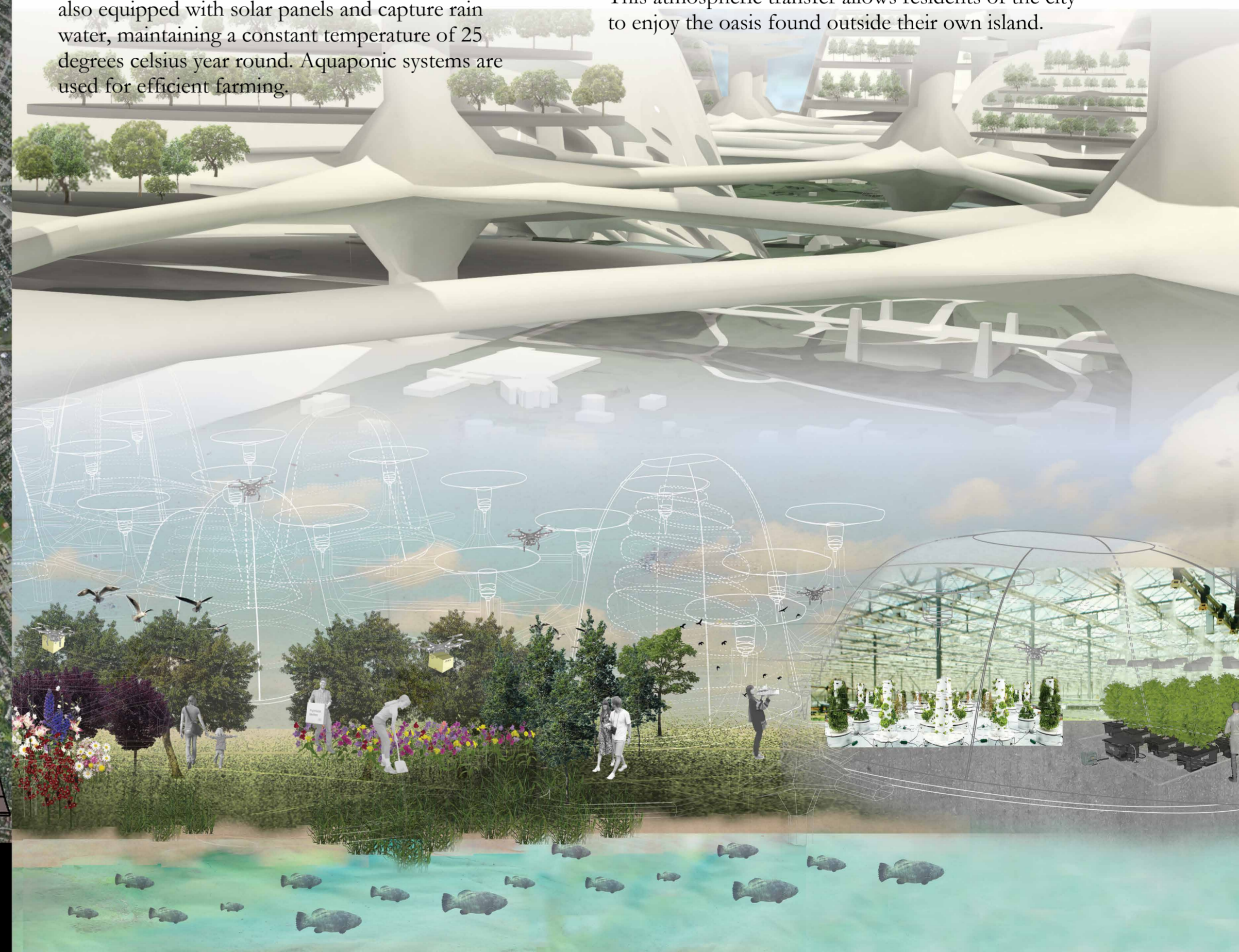
Structures were built on the islands, creating a haven - an acutely different atmosphere between the city and the utopian island environment, in order to provide an ideal atmosphere for nature to grow year-round. In return for the costs of developing such a technology, the city has increased its consumption rate, and looks upon its product- the islands, to revitalize and fuel itself.

The ever expanding and densifying cities of Montreal and Longueuil live in symbiosis with the islands. Saint Helene and Notre Dame Islands recycle and reuse waste produced within the adjacent cities. They are also equipped with solar panels and capture rain water, maintaining a constant temperature of 25 degrees celsius year round. Aquaponic systems are used for efficient farming.

The islands benefit from a different weather than the rest of Montreal, one that defies climate change, that offers an escape during the harsh winter, and that has the capacity for agricultural production year-round. The transfer of produce in between islands is ensured through drones, at a small scale and individual level. Residents can order available produce and have it delivered at their doors using this technology.

The islands are indeed an escape point, a natural reserve artificially maintained. Their ecosystem is transmitted sensorially through food production, but also through regulatory mechanisms found in households and institutions, which aim to replicate the environment of the island, by recreating the precise temperature and humidity in the enclosed and inhabited spaces of Montreal.

Activity and environmental factors on the islands are carefully controlled and recorded through sensors. This atmospheric transfer allows residents of the city to enjoy the oasis found outside their own island.





team 067