

Blooming City



Introduce

Blooming City is located near the International Airport in Western Sydney. The city looks like a flower when viewed from above. , you can feel like you are inside a flower before the plane touches down.

In the city, the glass functions as a solar panel and collects electricity. In addition, there are flower-shaped solar panels around the road that collect light and generate electricity as if by photosynthesis. The electricity generated is used for fueling cars, city lights, and bee drones. In the city, bee-shaped drones fly around and carry people to various places.

Plan view

The city is shaped like the petals of the Bologna pintana, which is native to Australia. (Figure1) The petal outlines are separated by 10-lane roads. In the central part, roads intersect intricately under the airport. (Figure2) But I don't get stuck in traffic. This is because smart mobility is used to cross without slowing down.

Desing cocept

The city is designed with a star shape that does not disturb plane tickets. Flower-shaped roads make it easy to get to and from the whole city. Therefore, in the future, the city as a whole will develop greatly.



Figure 1

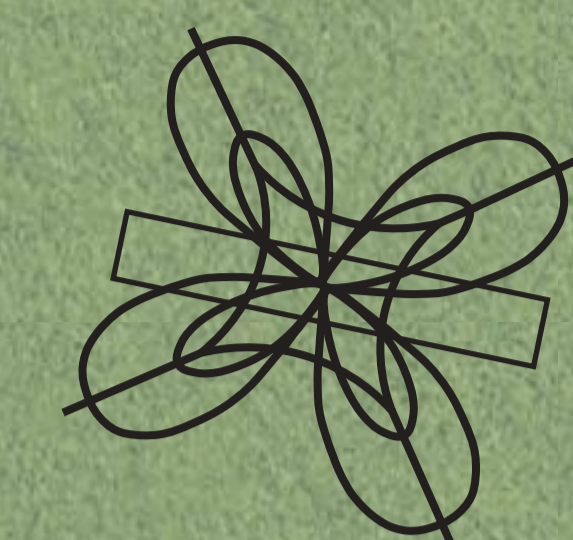


Figure 2

Facilities Planning



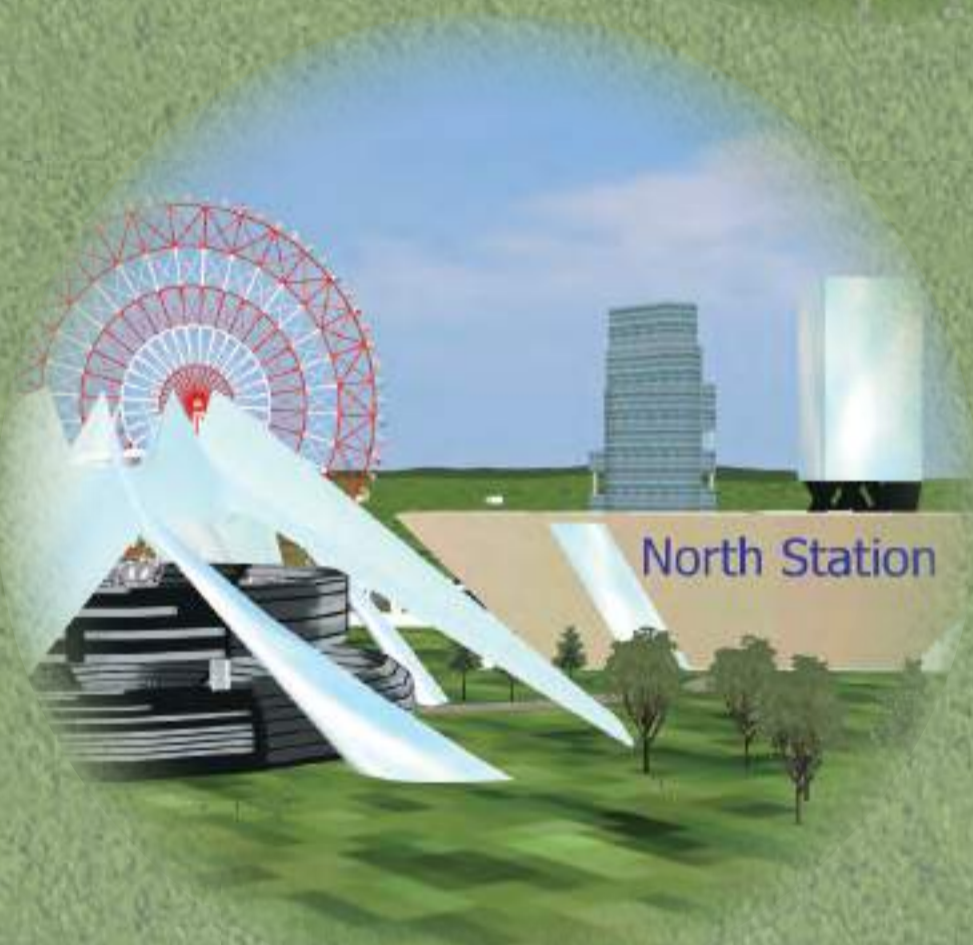
power generation flower

They are installed around the road. During the day, it collects light and generates electricity in the same way that a flower performs photosynthesis.



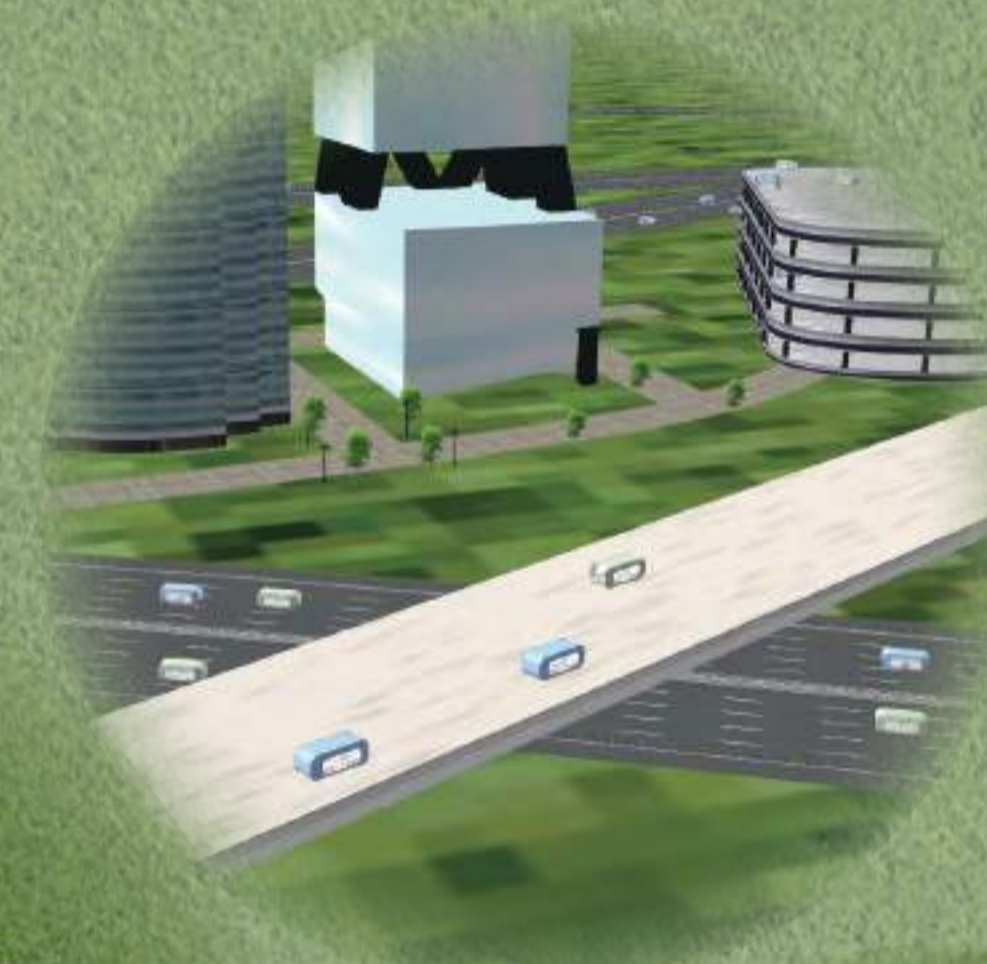
electric station

It runs on energy supplied by a large battery. Electricity is supplied to the car simply by parking in a designated place. That's why we don't need people.



power generation glass

It absorbs invisible ultraviolet light and infrared light to generate electricity. All glass in the city is power generation glass, which generates electricity throughout the city and stores it in batteries.



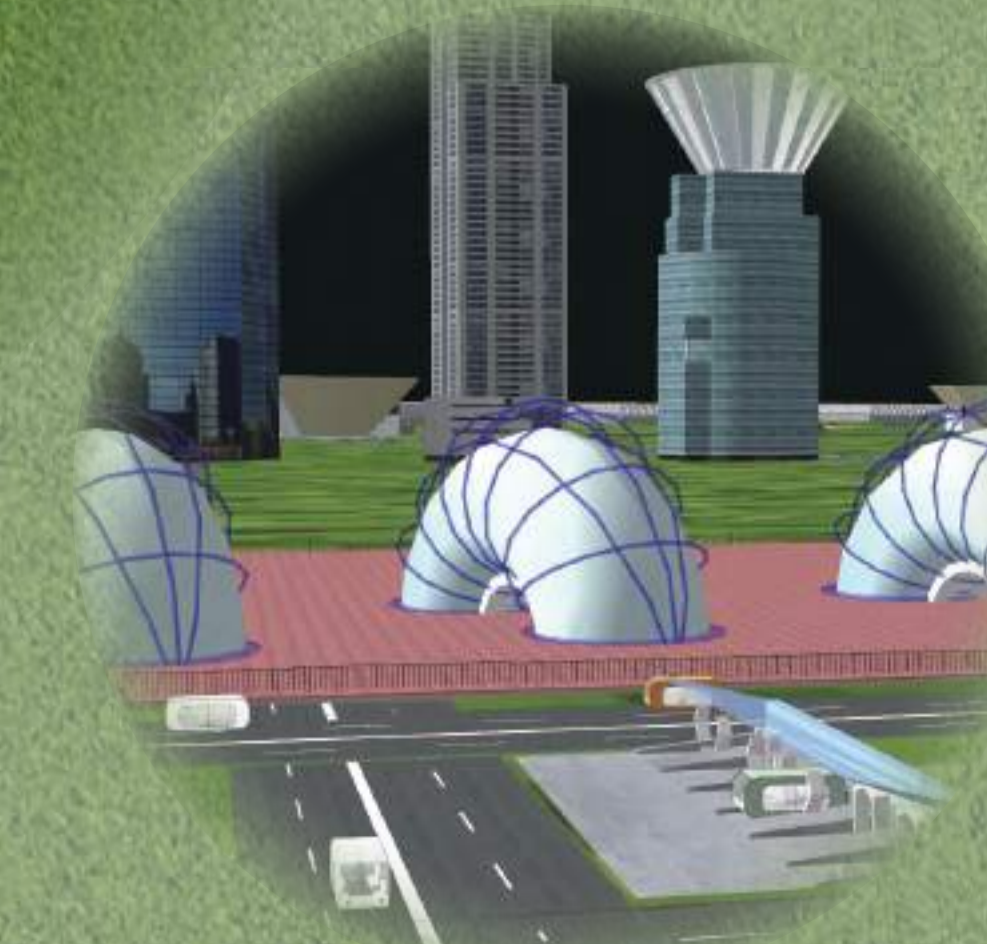
self-driving car

It runs on electricity generated throughout the city. Send people to the facility and automatically return to the parking lot at home. This eliminates the need for parking lots.



honey bee drone

Just like bees carry pollen from flower to flower, bee drones carry people around.



large battery

Stores electricity generated throughout the city. It is used to power lights, light ups and electrical stations throughout the city.

