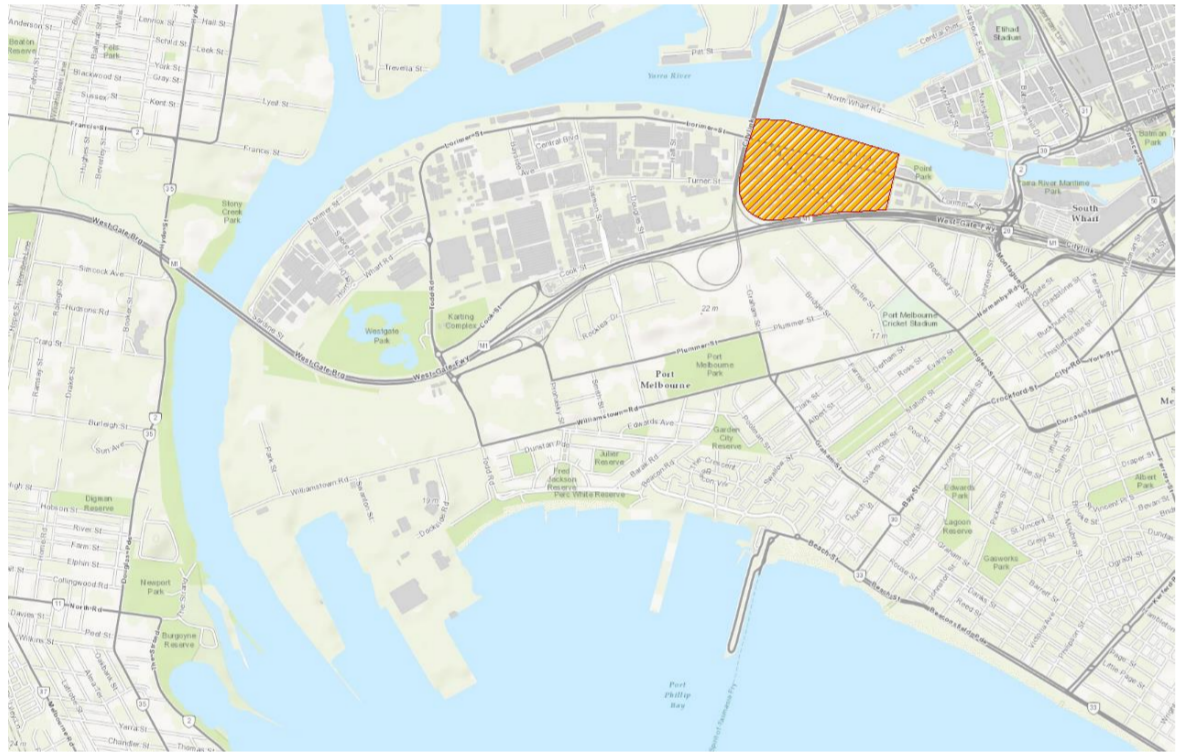


The 6th Virtual Design World Cup

# The Lung Of Melbourne

Amphibians

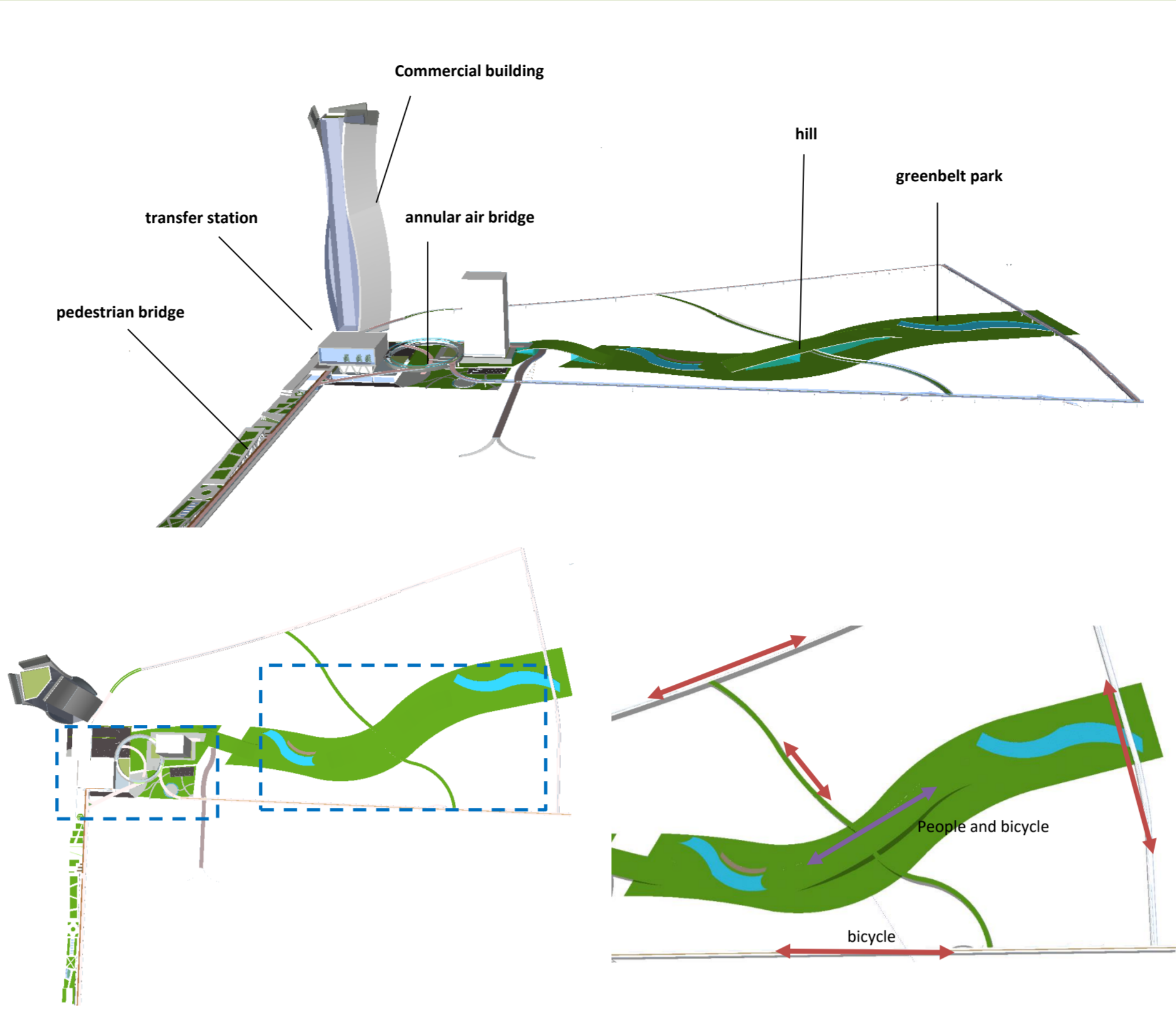


**SITE ANALYSIS**

1. Soil Pollution: Industrial Heavy Metal Pollution
2. Traffic issues: how to use the viaduct connecting the Melbourne CBD and Fisherman Bend does not affect shipping traffic
3. Quality of life: how to build a capacity of 80,000 high population density city, and has a comfortable living environment
4. Low-carbon, energy-saving, eco-city

**CONCEPT**

The bridge across the Yarra river is only for bicycle and pedestrian traffic, and then link Fisherman bend air corridor. On the air corridor has large green open space also it is only for bicycle and pedestrian traffic. Increase new park area, and to create an artificial lake, Roof of the building to be green, with a series of air corridors, Using the concept of ecological island-hopping and rain symbiosis, green building, with surface runoff, sewer systems, water will lead to an artificial lake inside the Westgate park, then re-use of water resources and soil pollution is based on the large green space filter will be solved.



**URBAN DESIGN**

In large greenbelt park throughout the Lorimer Street, do not let the Green Belt blocked the road, so the use of the Green Belt hill shape of air corridor across the bridge and across the Yarra River by a pedestrian bridge , as Green Belt extend

**TRAFFIC PLAN**

The construction of a pedestrian bridge and bike path across the Yarra River will draw crowds from the Melbourne metro into Lorimer Street and set up a transfer station complex with the bridge. In addition to a passenger terminal, bicycle and pedestrian air bridge, the annular air bridge allows the bicycle to divert to each route, so that the formation of a new transport hub

