Sustainable Montpelier 2030 [design proccess sheet]

Ideogram

1 Just like a stream which could crystalize the sugar solution, the solution is like the city and the thread is the edge which people could move and the city will crystalize from this point on and the quality of urban space would be increased, So that causes immigration prevent and as a result florish the aconomy above process in 2part of the city , one on the access of state House and the other , on the edge of the river would crystalize, Therefore on the access of State House toward the two mountains as the primarily nucleus would help the formation of the city center. The future development of this area as a pedstrain access in the city center despite the vehicular movement will be crystalized

2 utilization of urban development on the basis of primarily nucleus idea would be a basis for the formation of city and turning point till development of year 2030. In the view of urban design the first nucleus could shape the sustainable city development of Montpelier toward zero carbon city which is an important goal; therefor in city development of Montpelier 2030 two access one toward east-west along the river, and the other, toward State House between 2intefacing mountains on the basis of urban development theory and city beautiful movement which are basis for Spillar of Kevin Linch urbanity

3 Creating semi-open space court yards in the scale of district and city is like a huge conservatory which cold cause comfortable tempreture and humidity for vegetation groth. This would affect the process of climate change in coming years and would decrease the coldness and heat during different seasons of Montpelier.of course the tempreture and humidity difference in summer and winter could be the most ideal
On the other hand, conservatory space could be a suitable environment for education for kids toward the sustainable architecture and implementing policies for Montpelier2030 with decrease of carbon toward a zero carbon city

4 Montpelier features

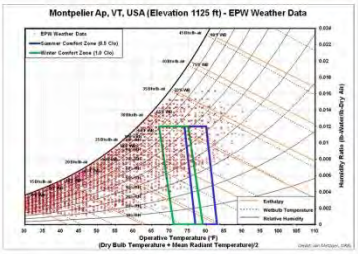
a humid continental climate

long, cold, and snowy winters

short springs and autumns

warm summers

(Köppen Dfb)



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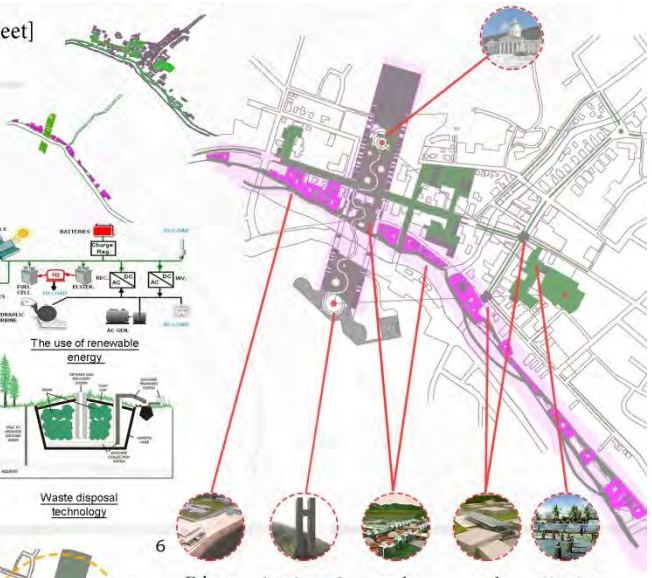
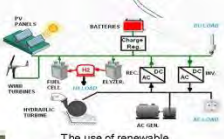




The use of renewable energy

Waste disposal technology

5

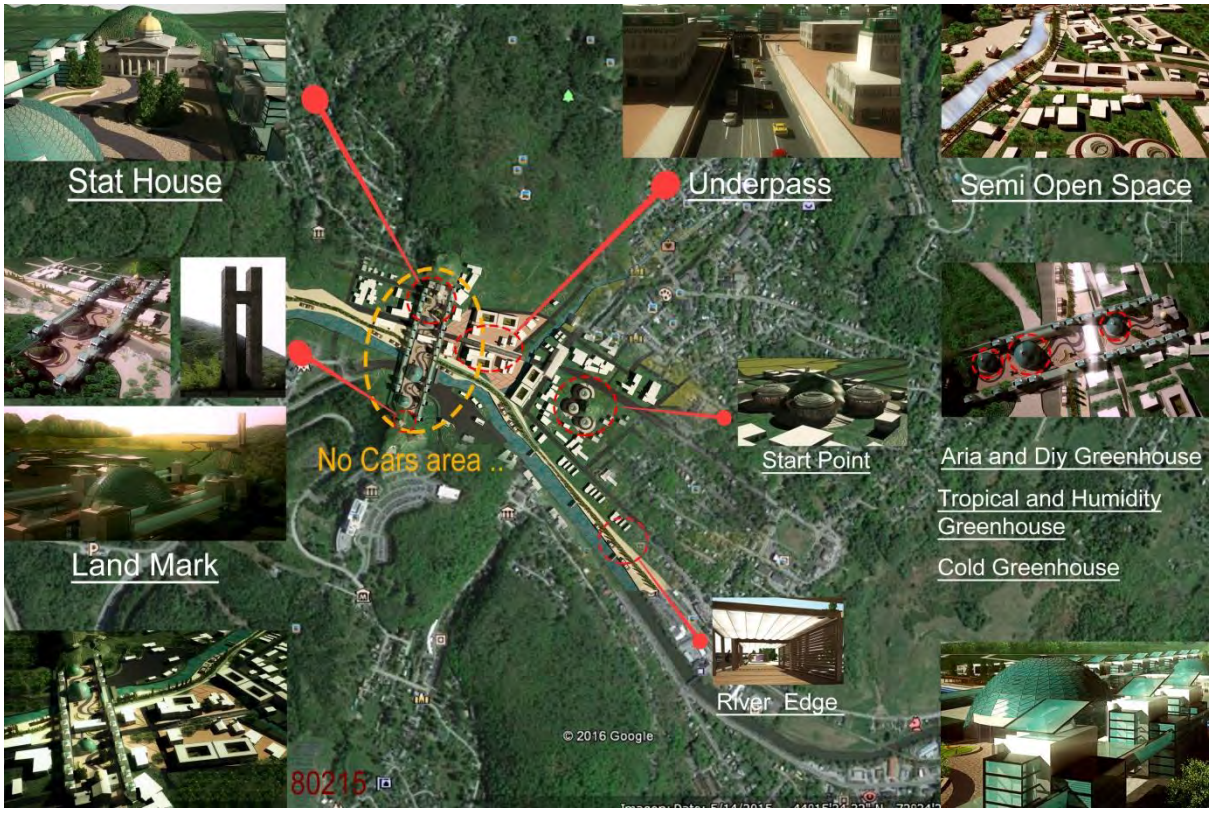
No Cars area ..

6

Edges land mark paths node district

Use the Five Principles of Queen Lynch

edge
river edge
landmark
access of state house between the mountains
node
multipurpose transportation system
way
pestrain and bicycle path
district
the total designated area

legend

- main area and river edge
- state house
- district with the idea of central court-yard