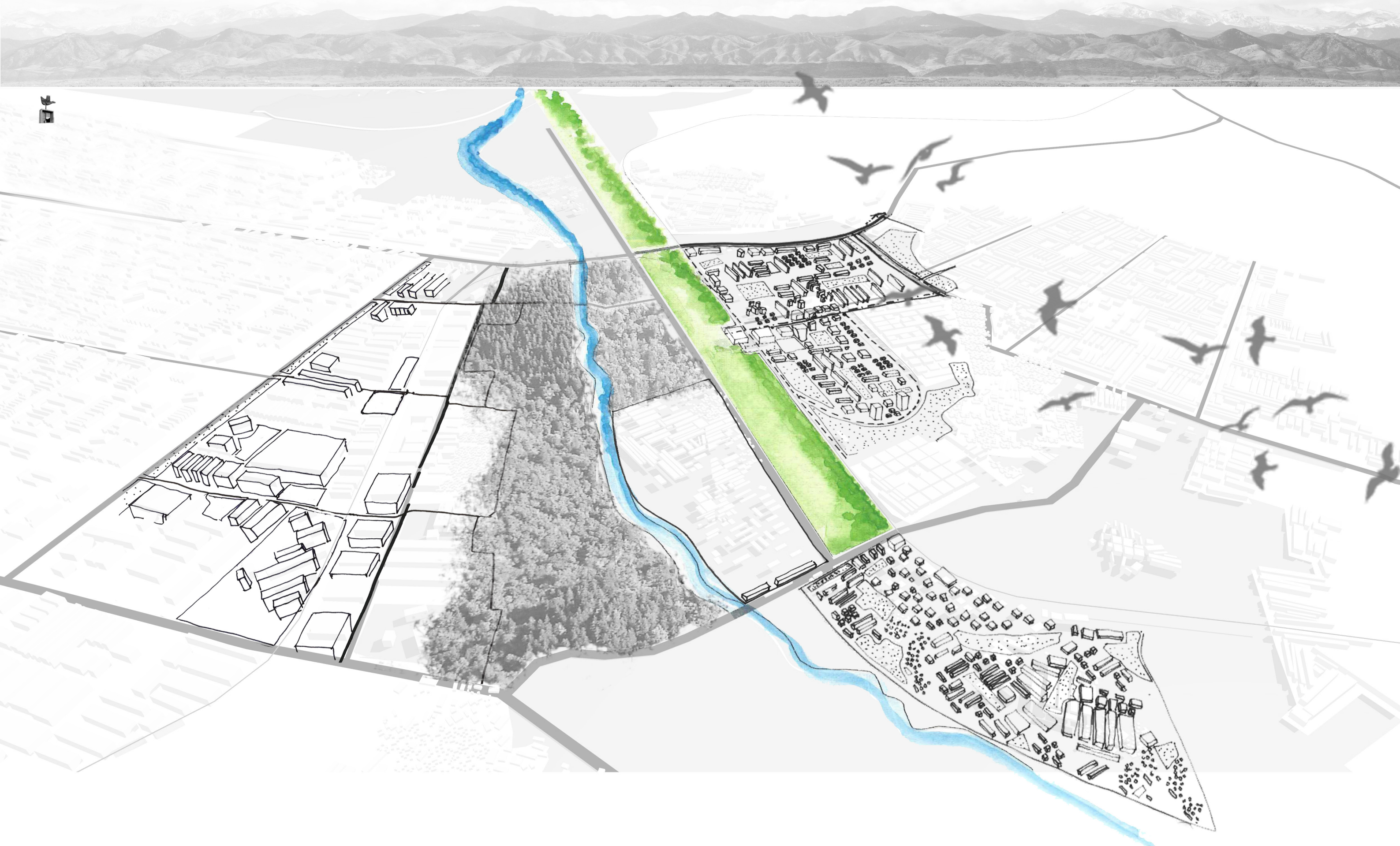
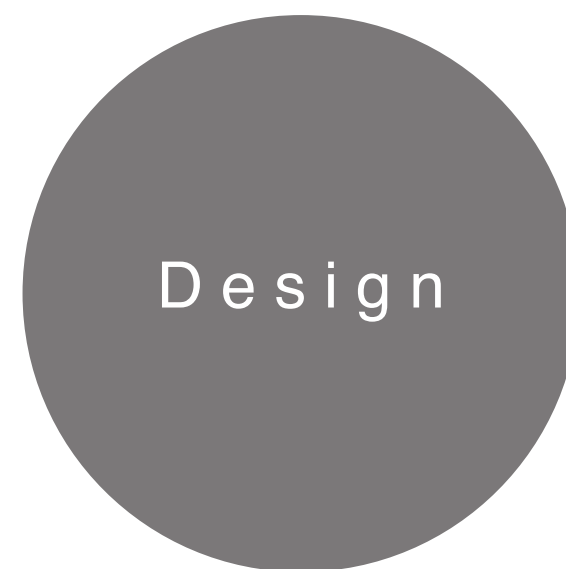


RE-ENVISIONING CHANDIGARH

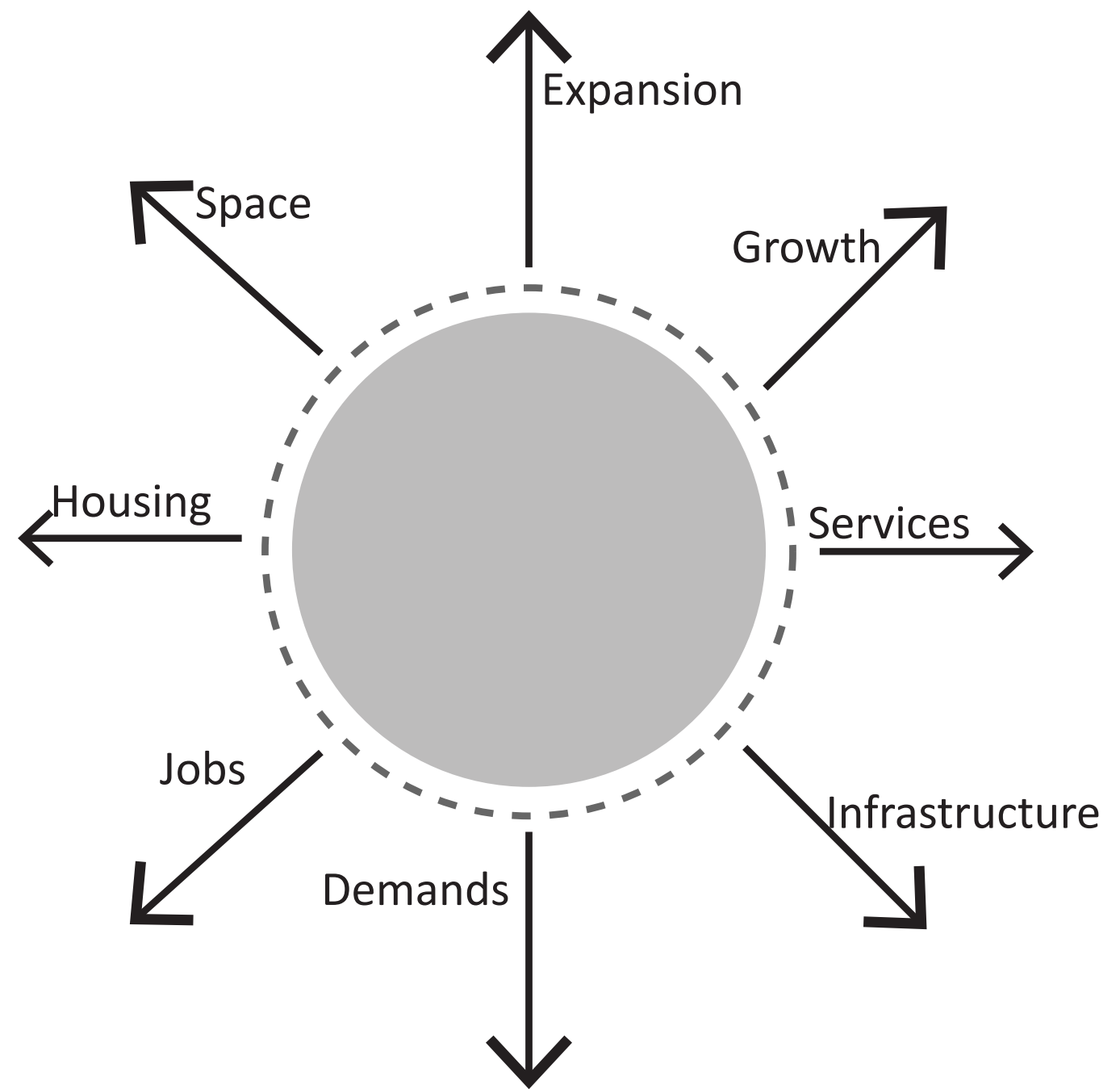
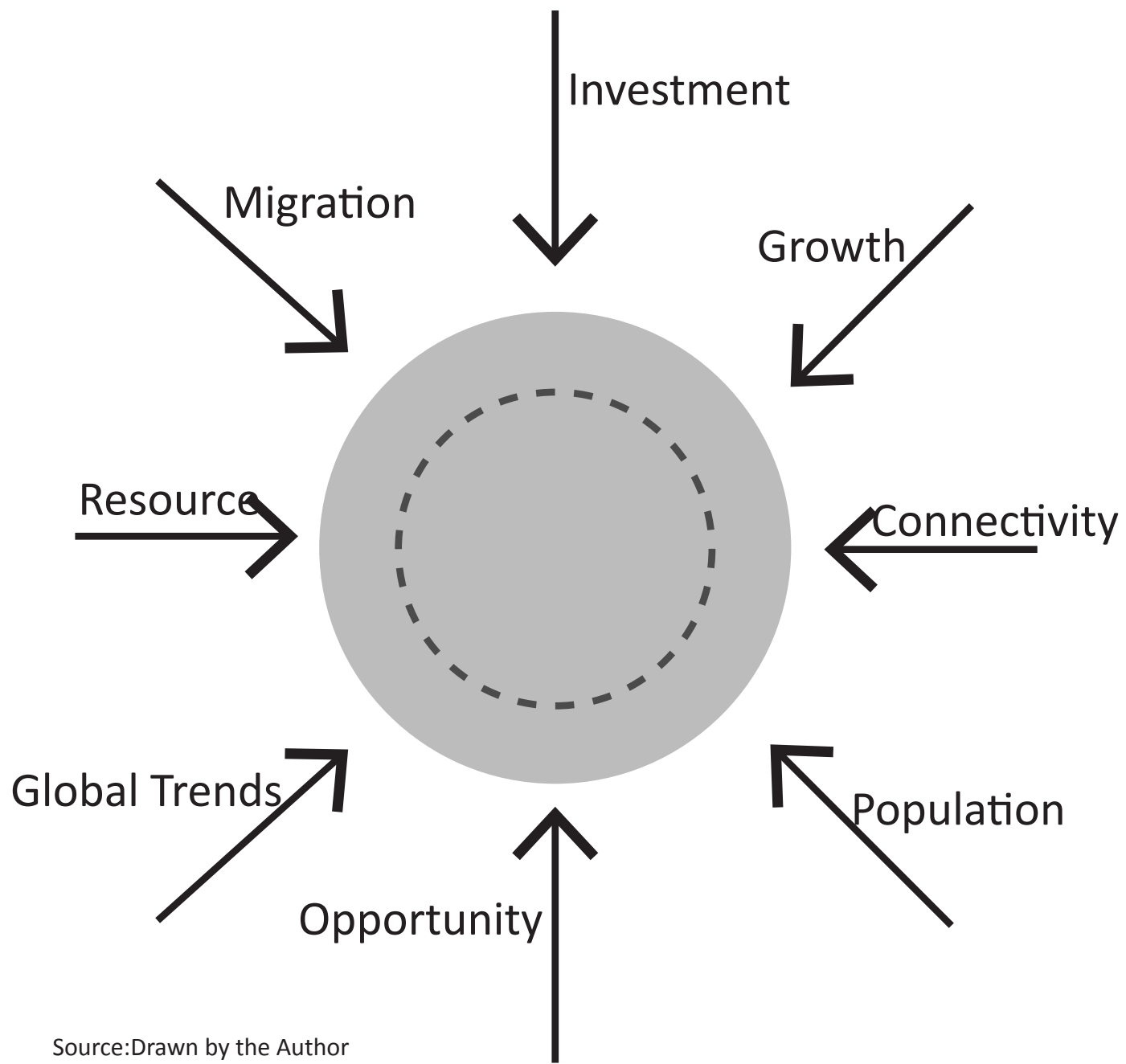
Role of Urban peripheries in formation of metropolitan regions in the case of Chandigarh and its surrounding Region





Globalisation





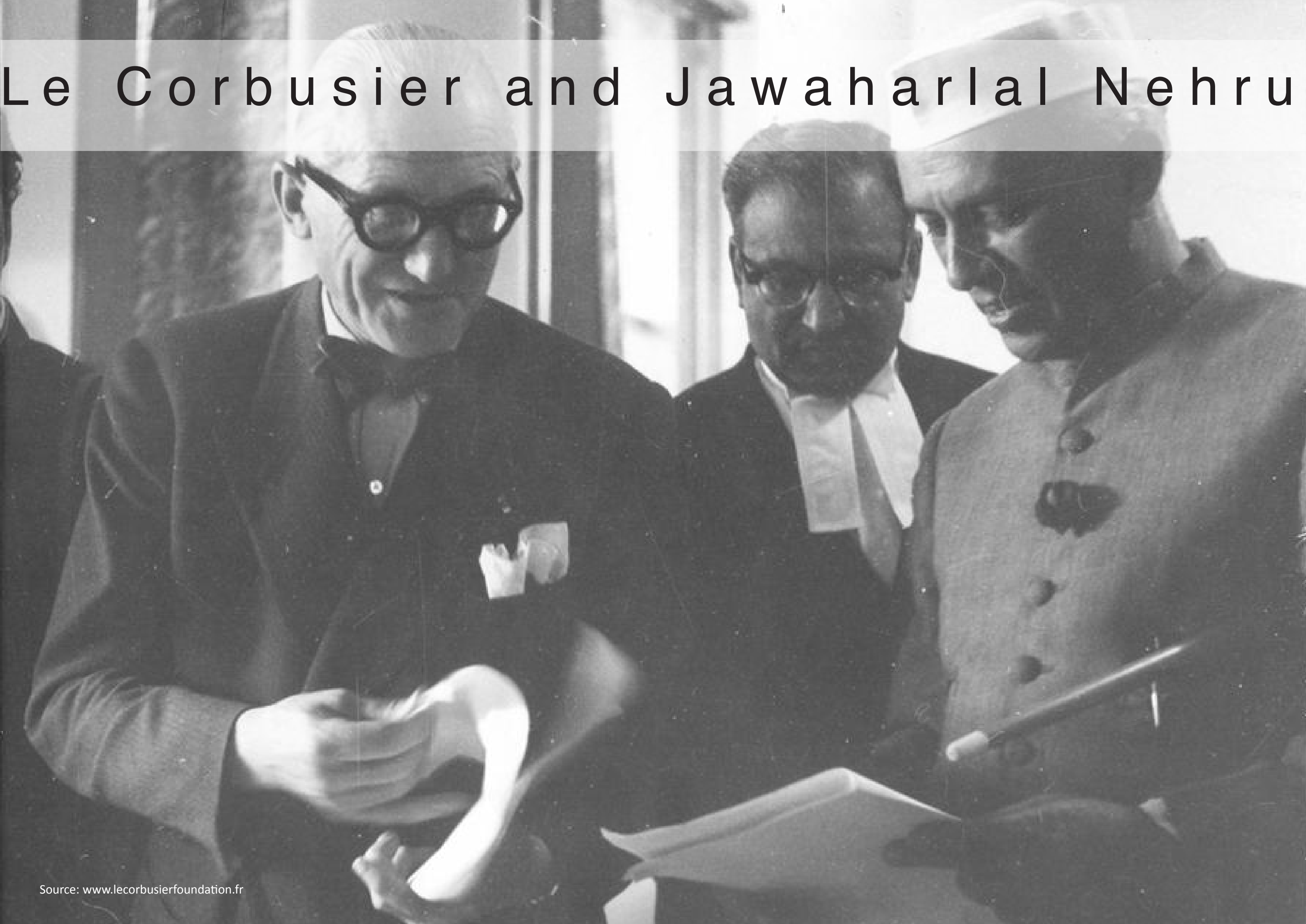
An aerial photograph of a densely populated urban area, likely in India, taken during the golden hour of sunset. The sky is a warm, hazy orange, and the city below is a complex mosaic of buildings, mostly multi-story residential structures. A large, semi-transparent white circle is overlaid on the left side of the image, containing the main text. The text is in a clean, sans-serif font, with the first part in a larger size and the second part in a smaller size.

Expected rise in
urbanisation India
from 25% to 40%
in the coming 10
years.
(National Census-2011)

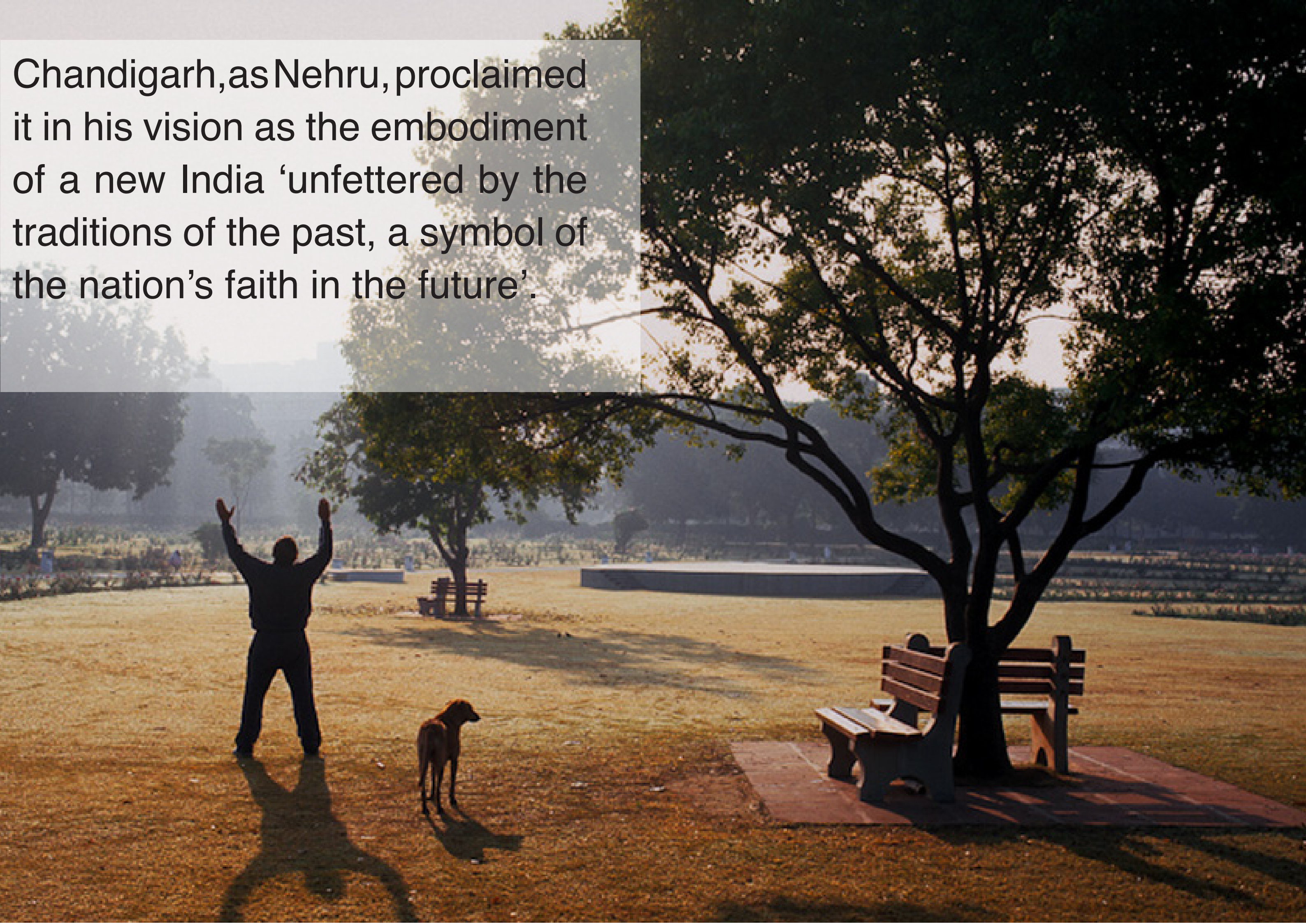


Chandigarh

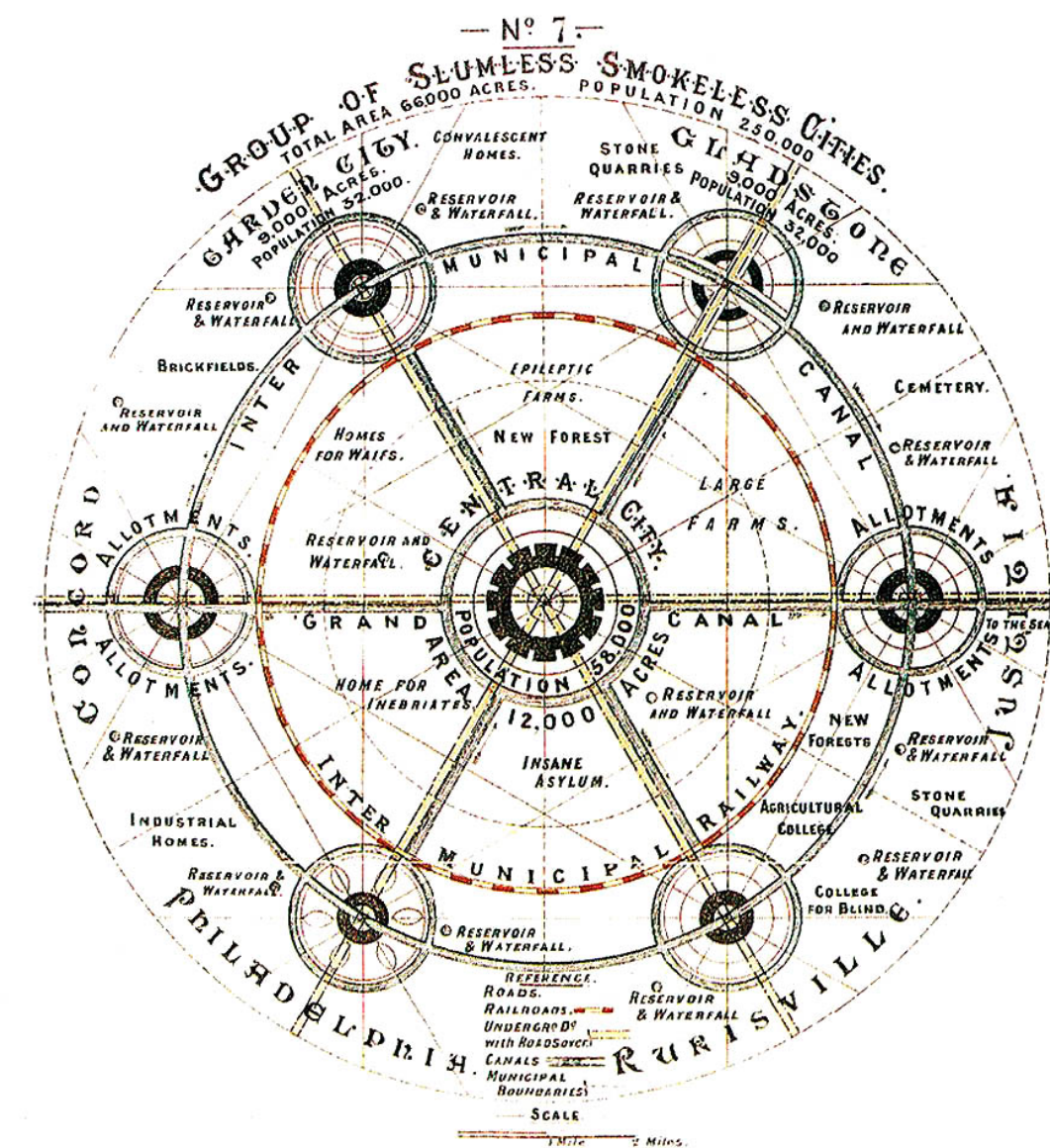
Le Corbusier and Jawaharlal Nehru



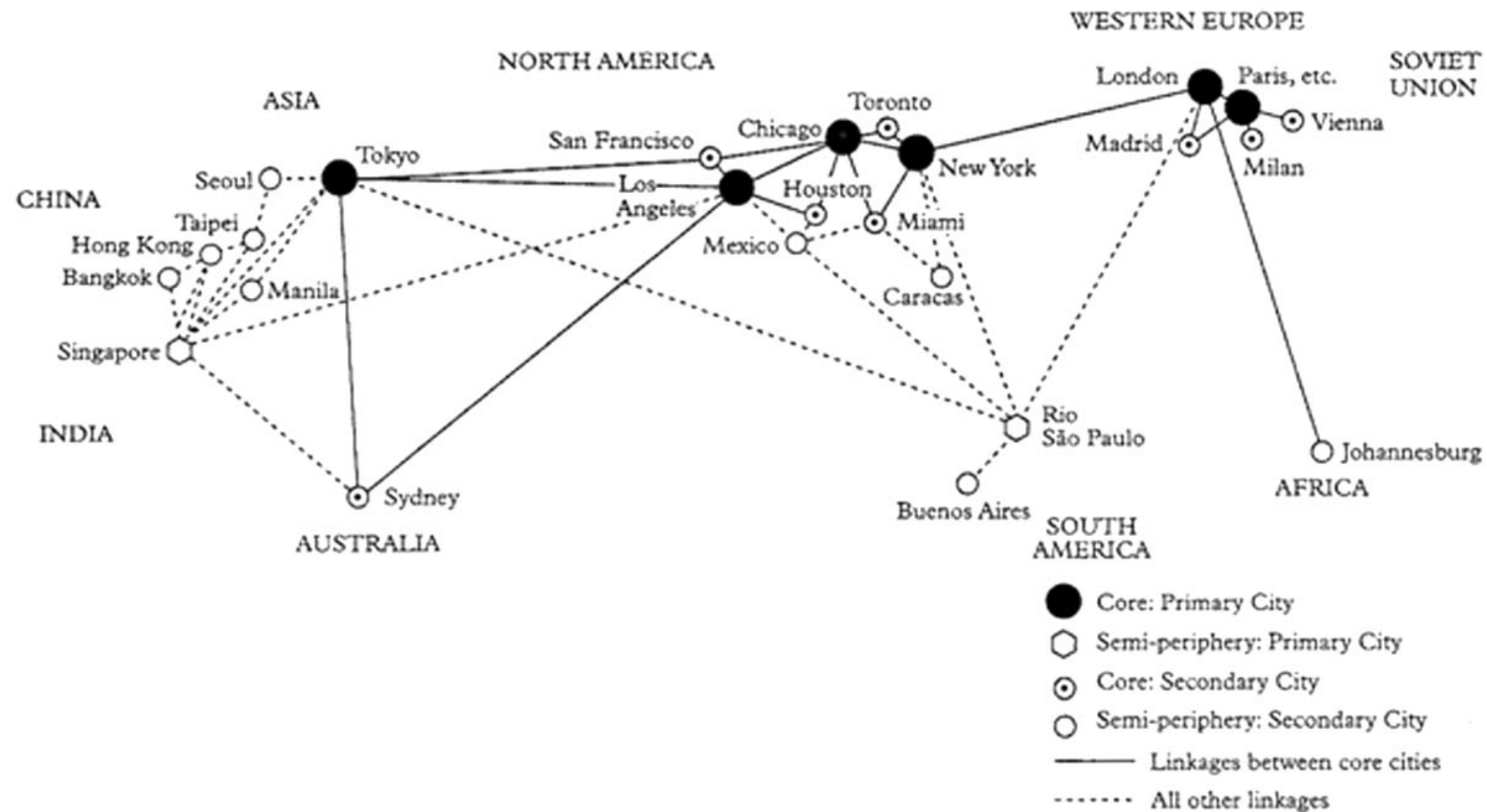
Chandigarh, as Nehru, proclaimed it in his vision as the embodiment of a new India 'unfettered by the traditions of the past, a symbol of the nation's faith in the future'.

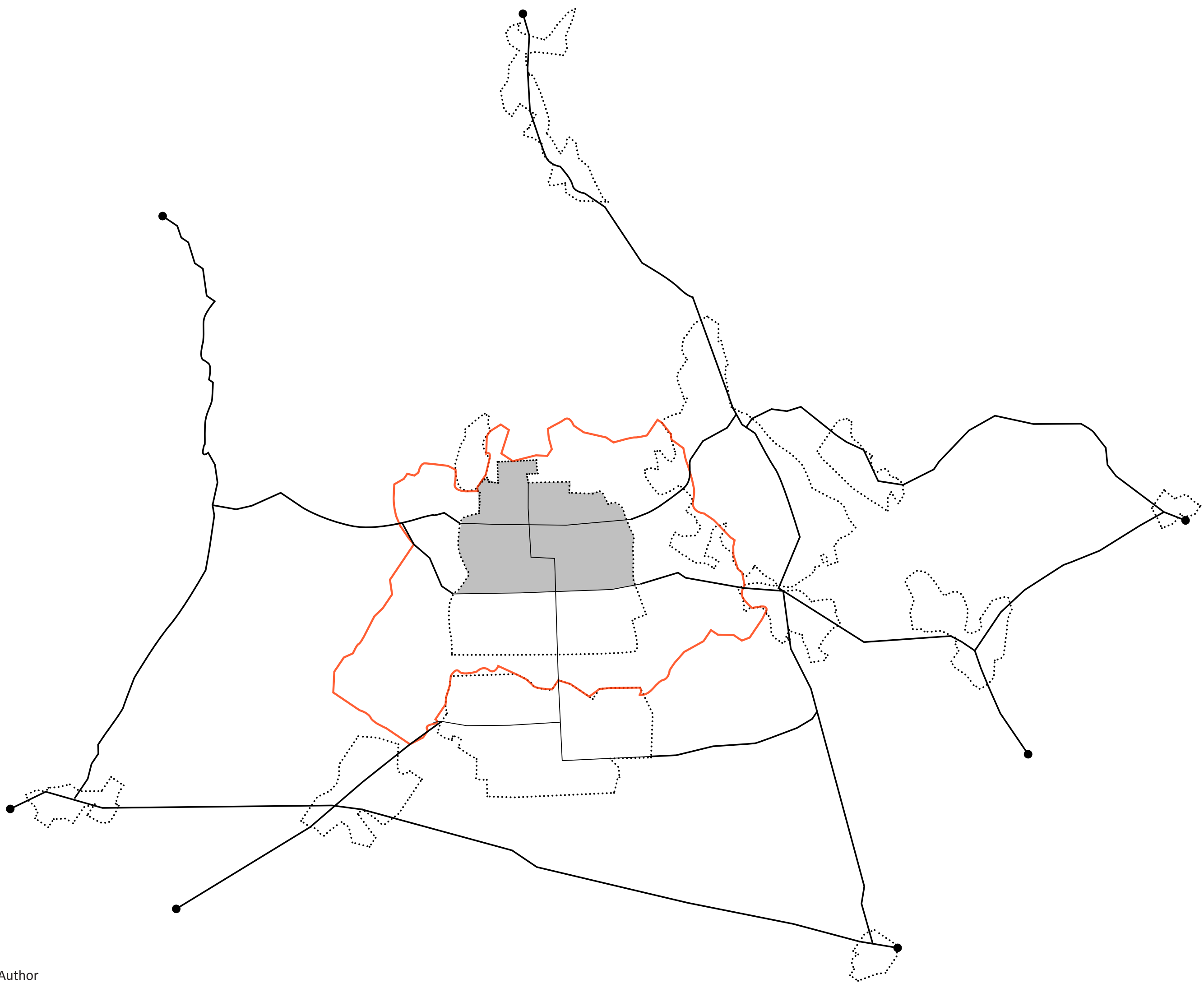


Garden city Concept , by Ebenezer Howard



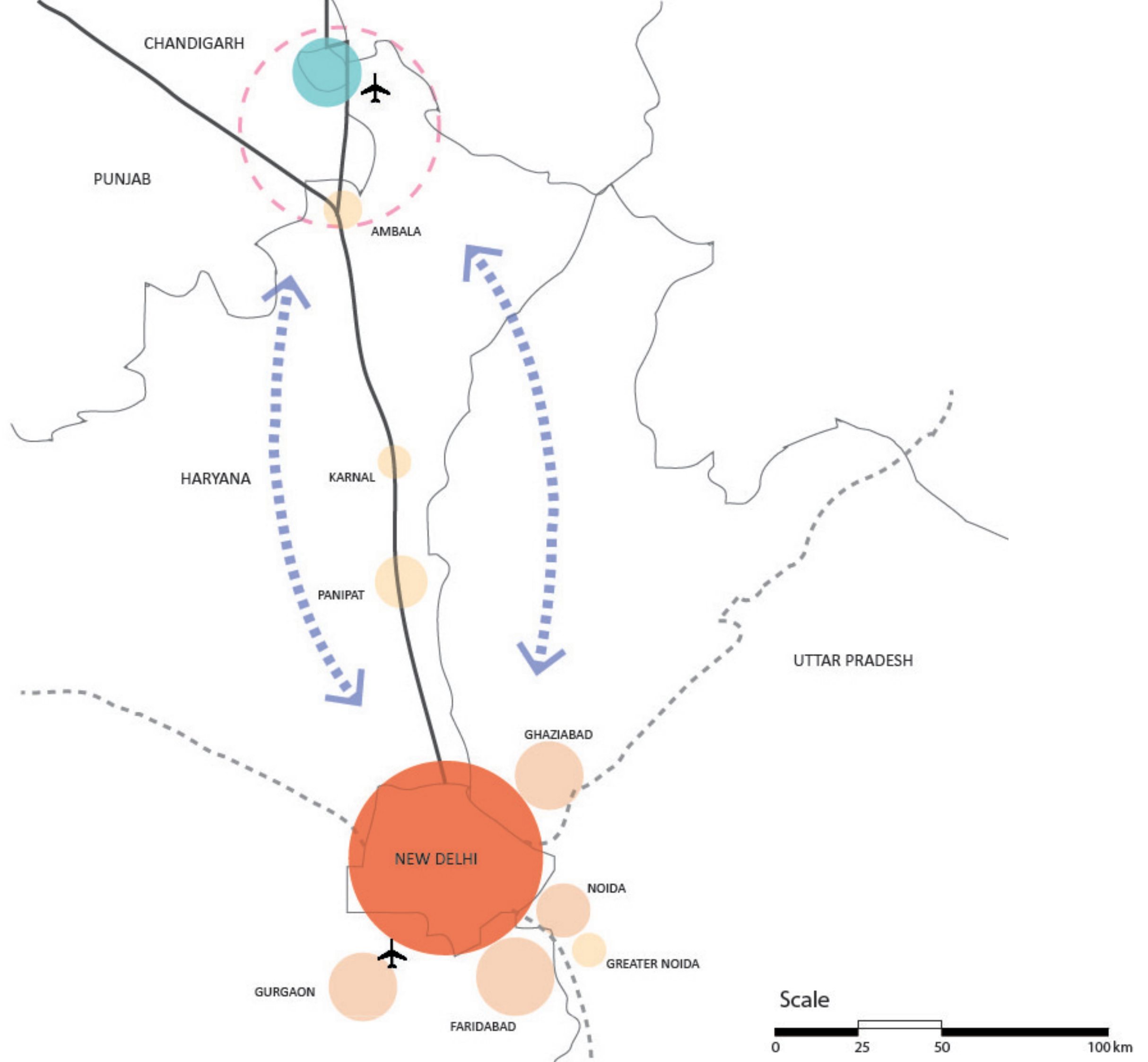
Network city Concept, by John Friedmann

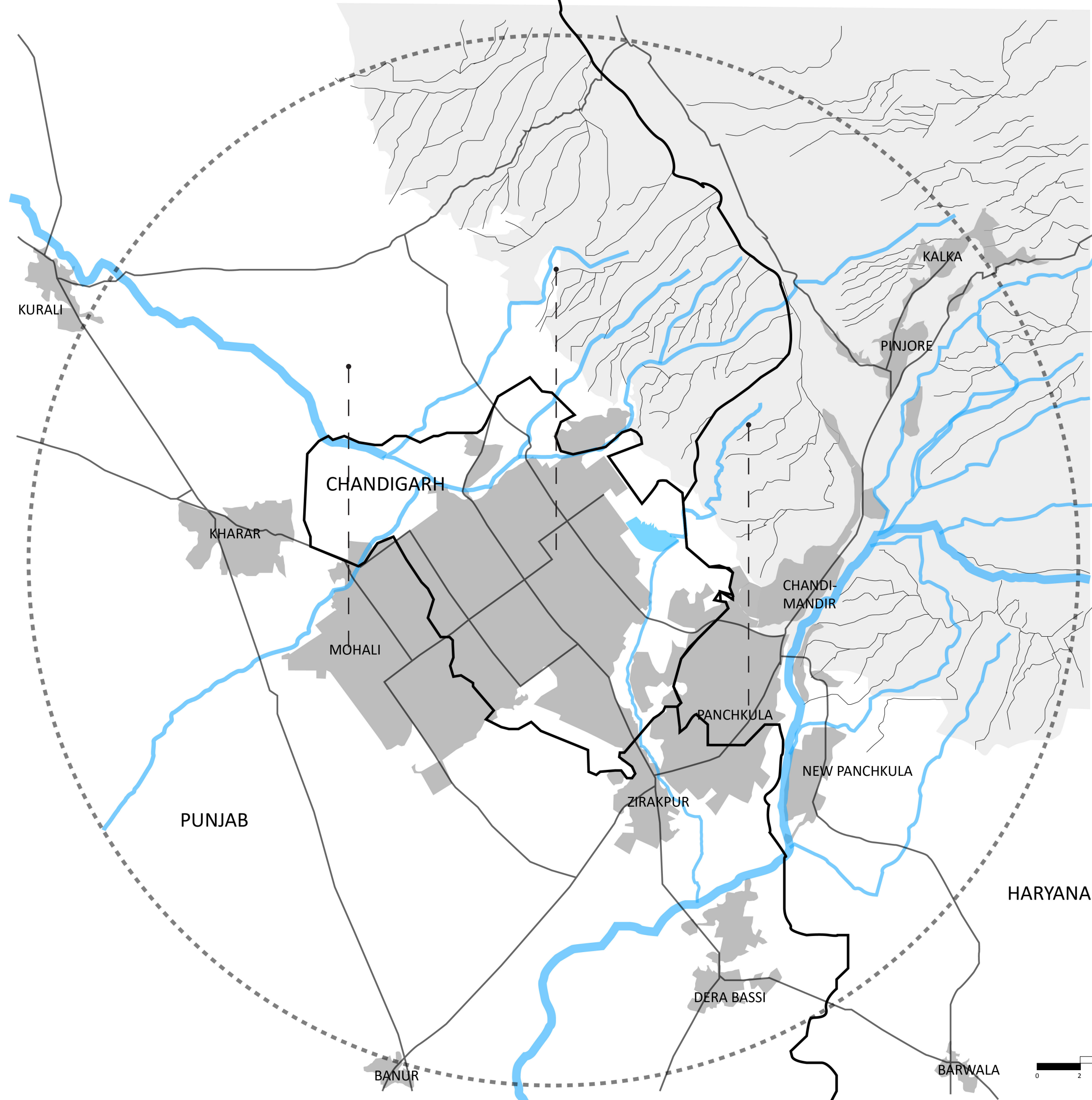




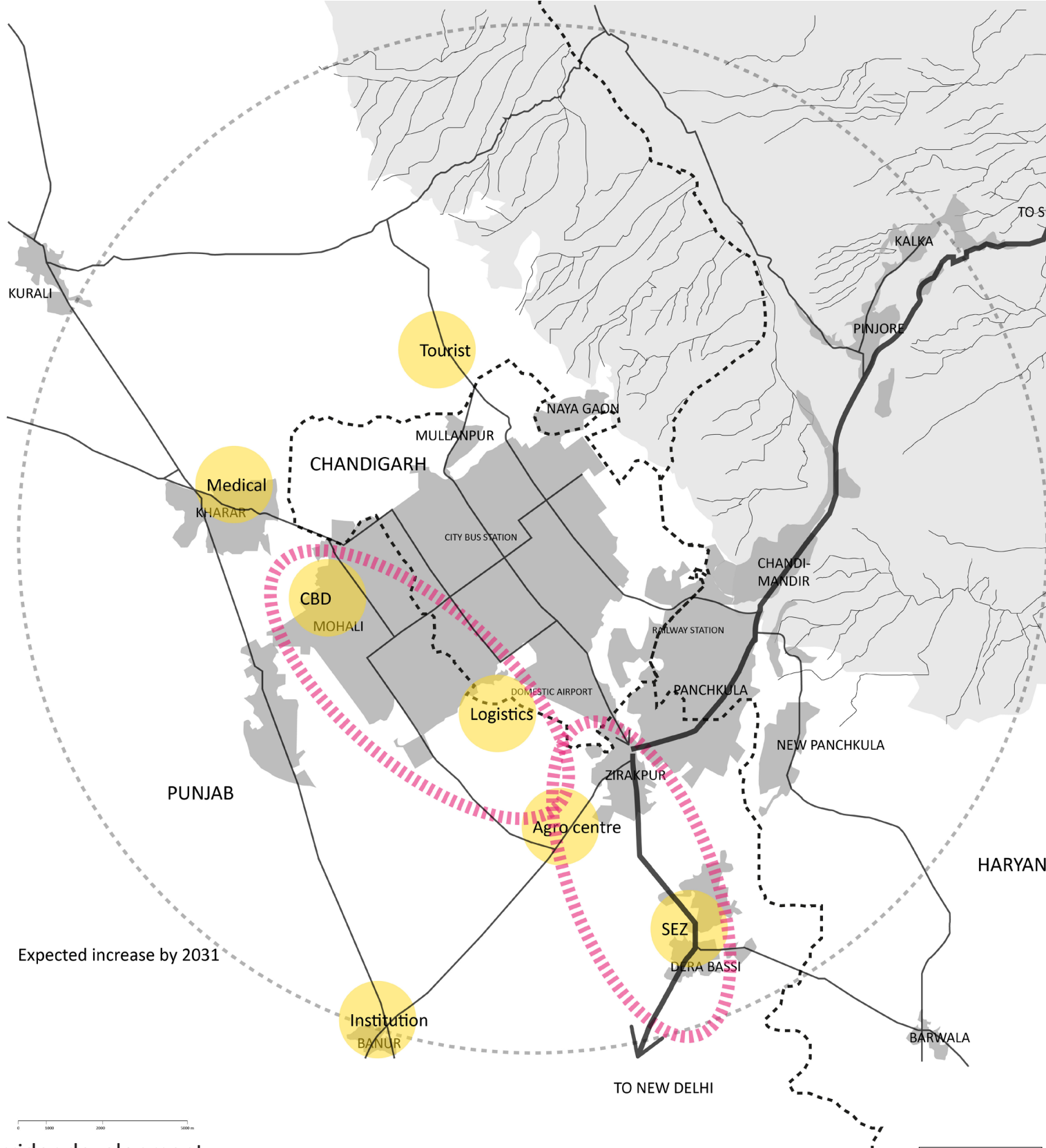
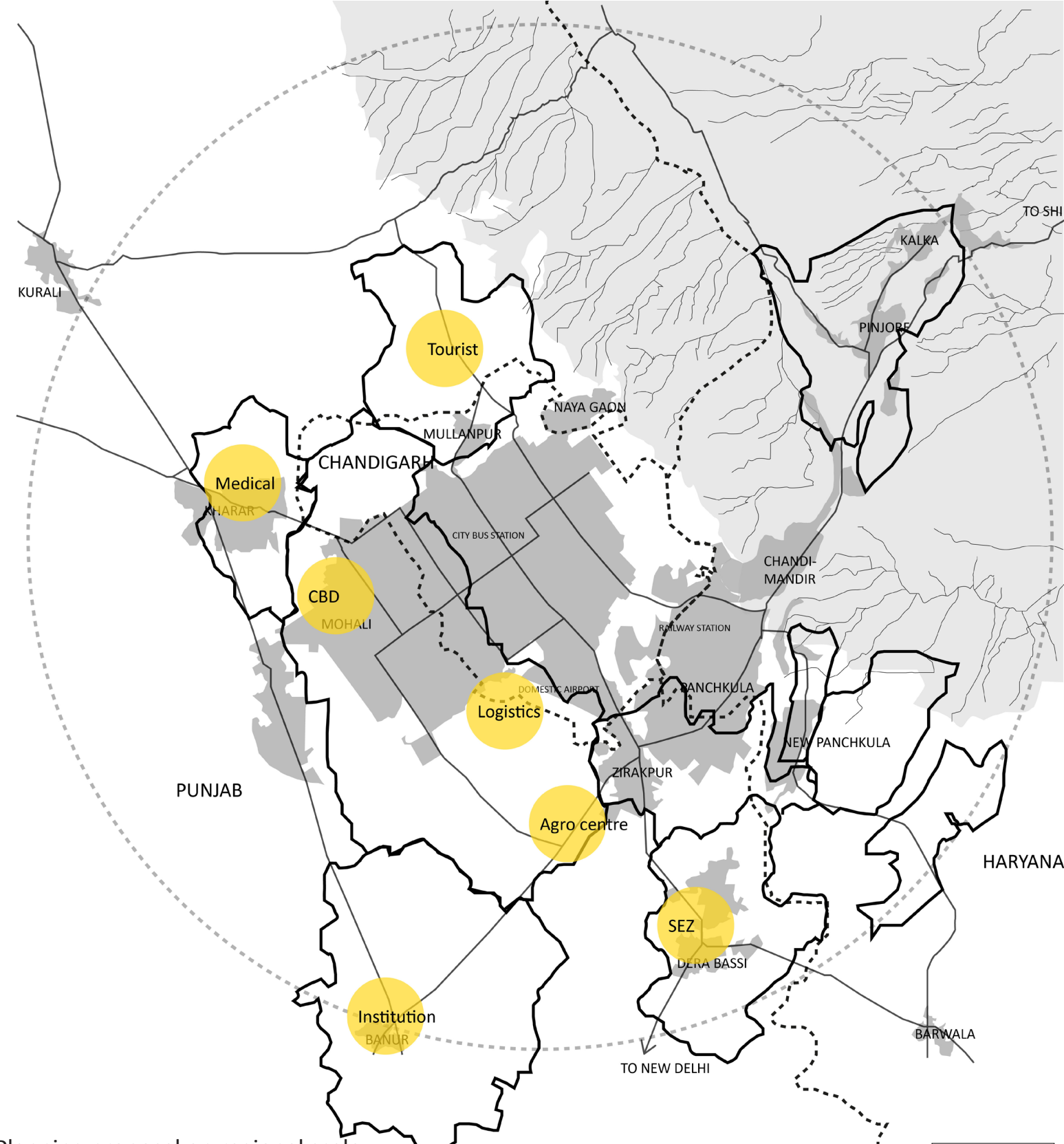
Problem



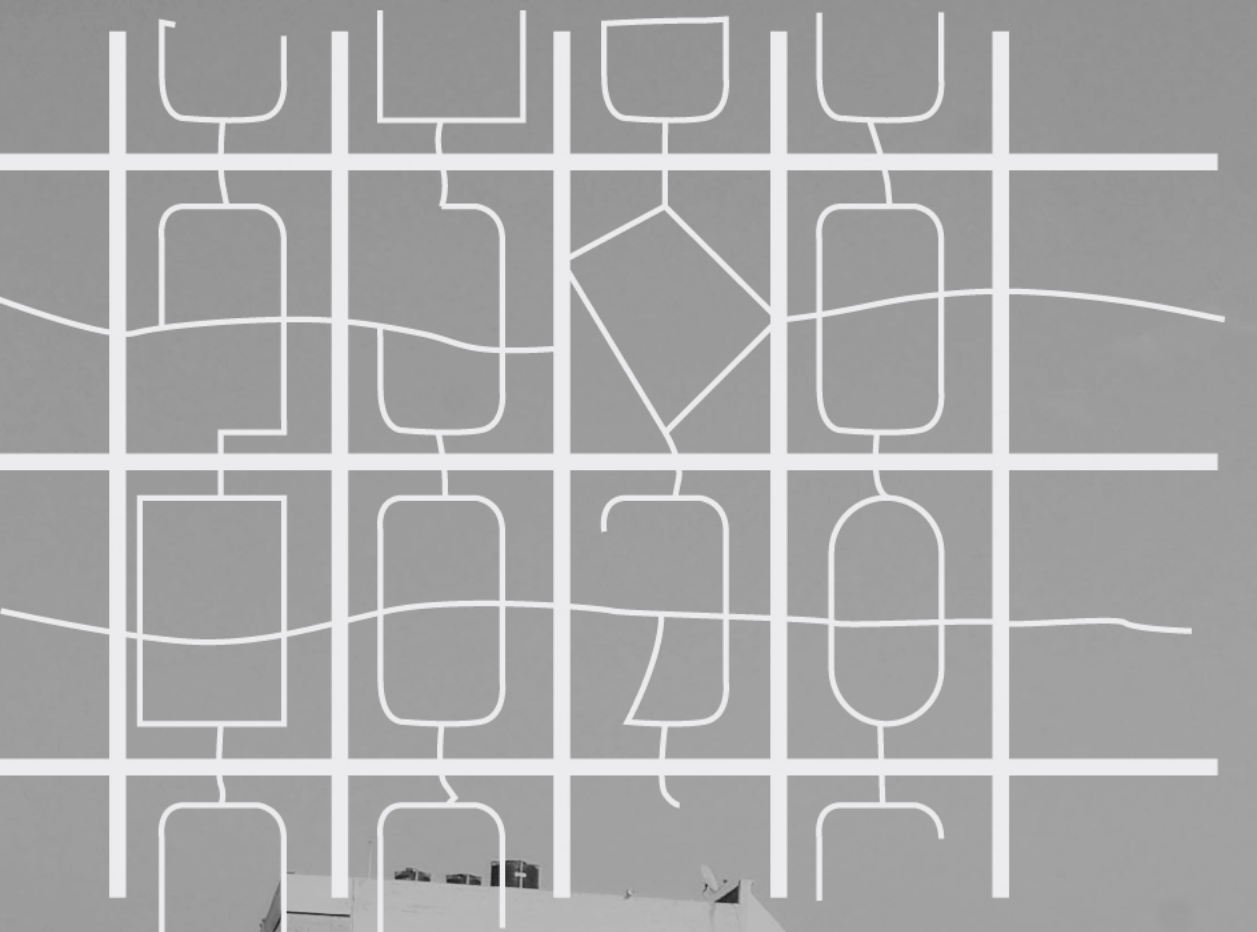




Source: Drawn by the Author















P r o b l e m S t a t e m e n t

These urban peripheries, are attracting a lot more investment than the city centres for their capacities to adapt and connect. Making these areas to grow far more rapidly and unplanned, and creating a lot more pressures on the city cores. Especially in Chandigarh region, the periphery act was in advance, but the lack of government collaboration and understanding and multiple actors, is creating large disparity.

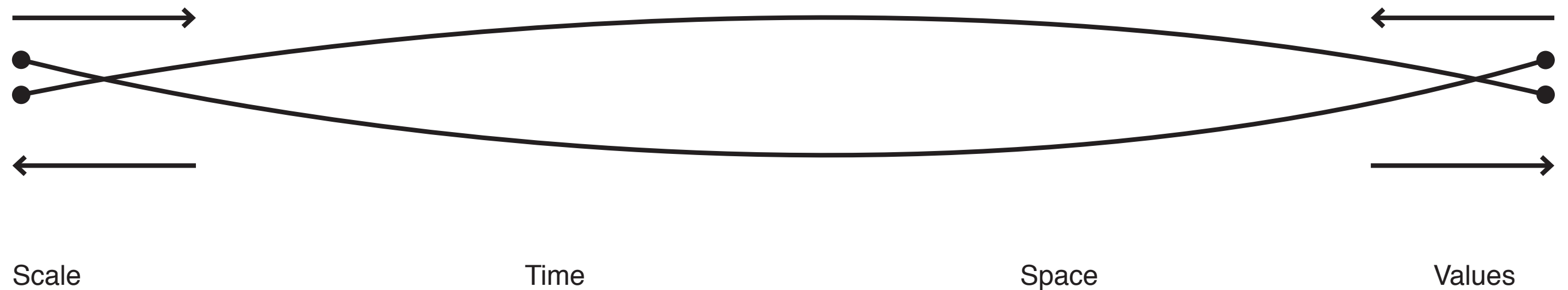
R e s e a r c h Q u e s t i o n

-How are these conflicting global economic pressures and government policies forming a new emerging peri urban space in the periphery of Chandigarh?

-How the urban peripheries are becoming crucial to the growth and development, in establishing new urban, social and functional patterns, in the case of Chandigarh?

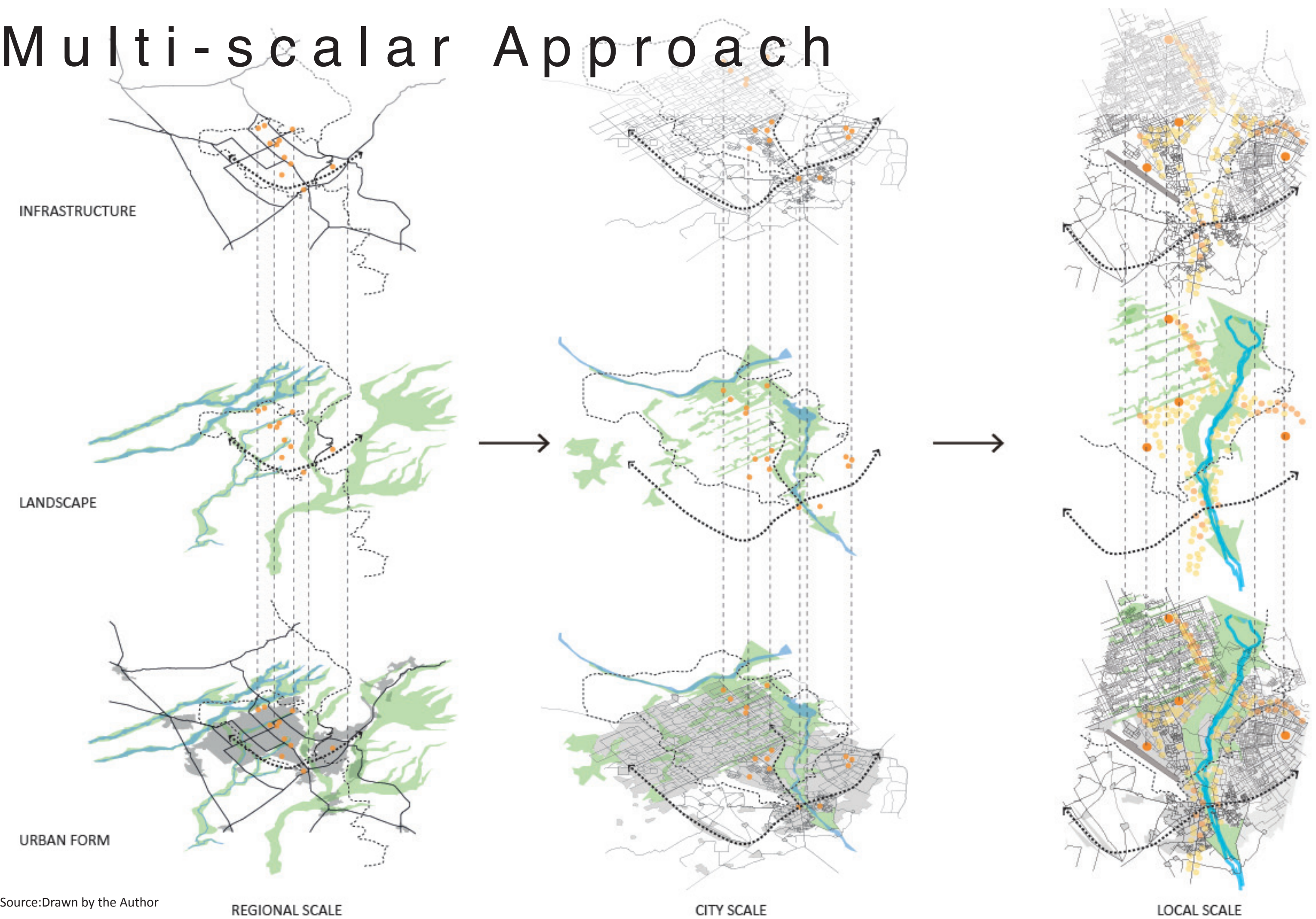
Methodology



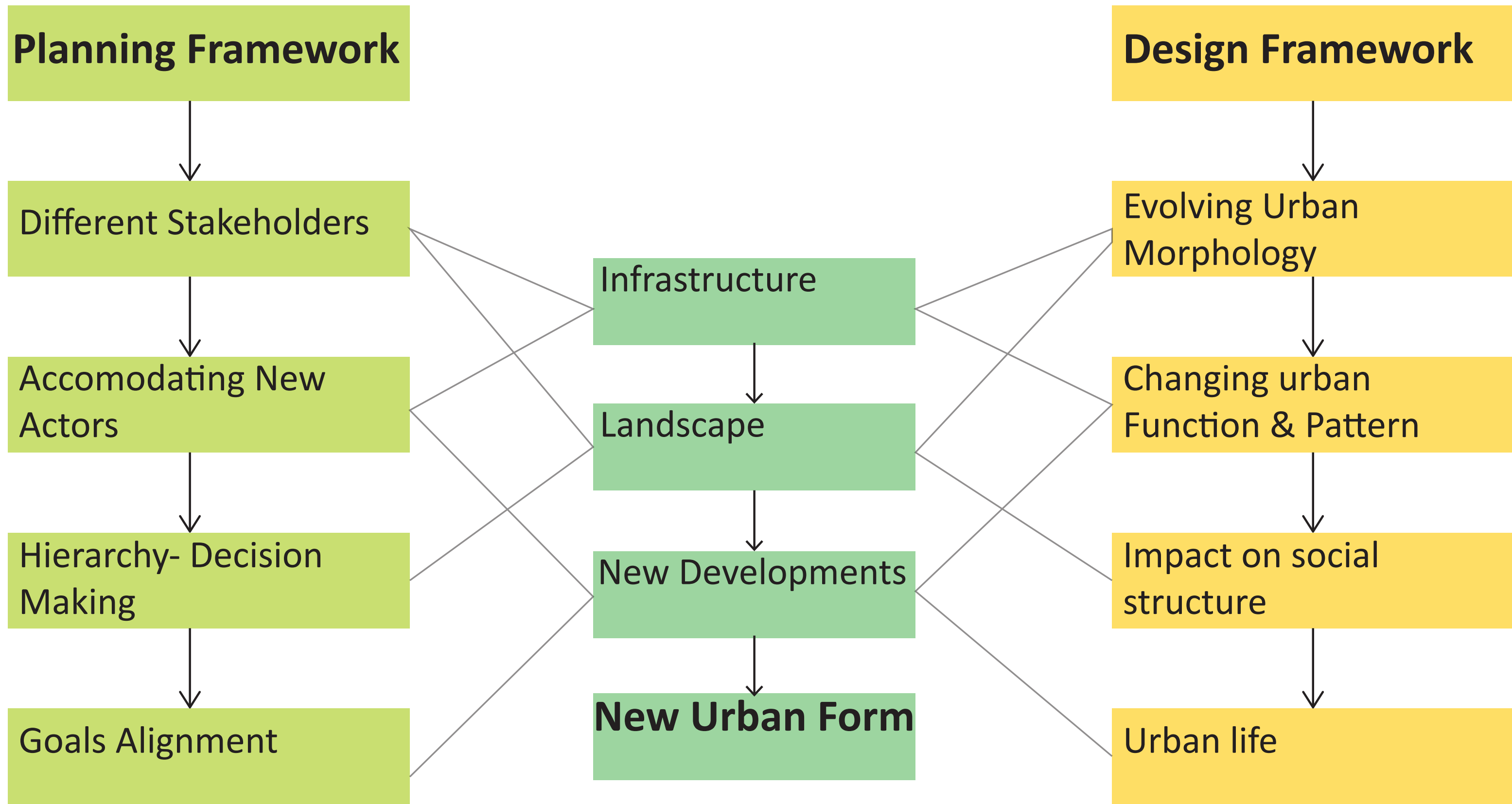


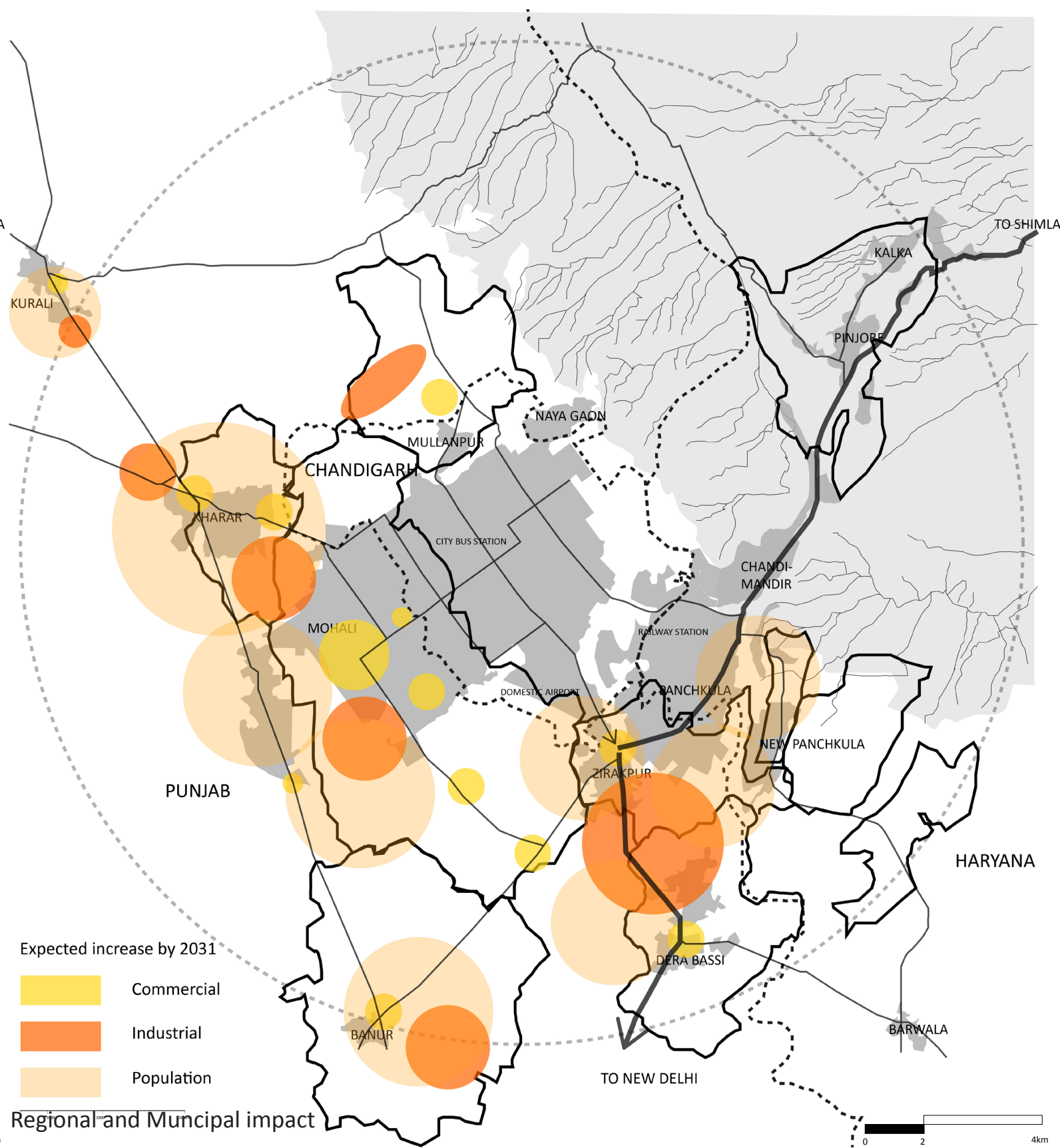
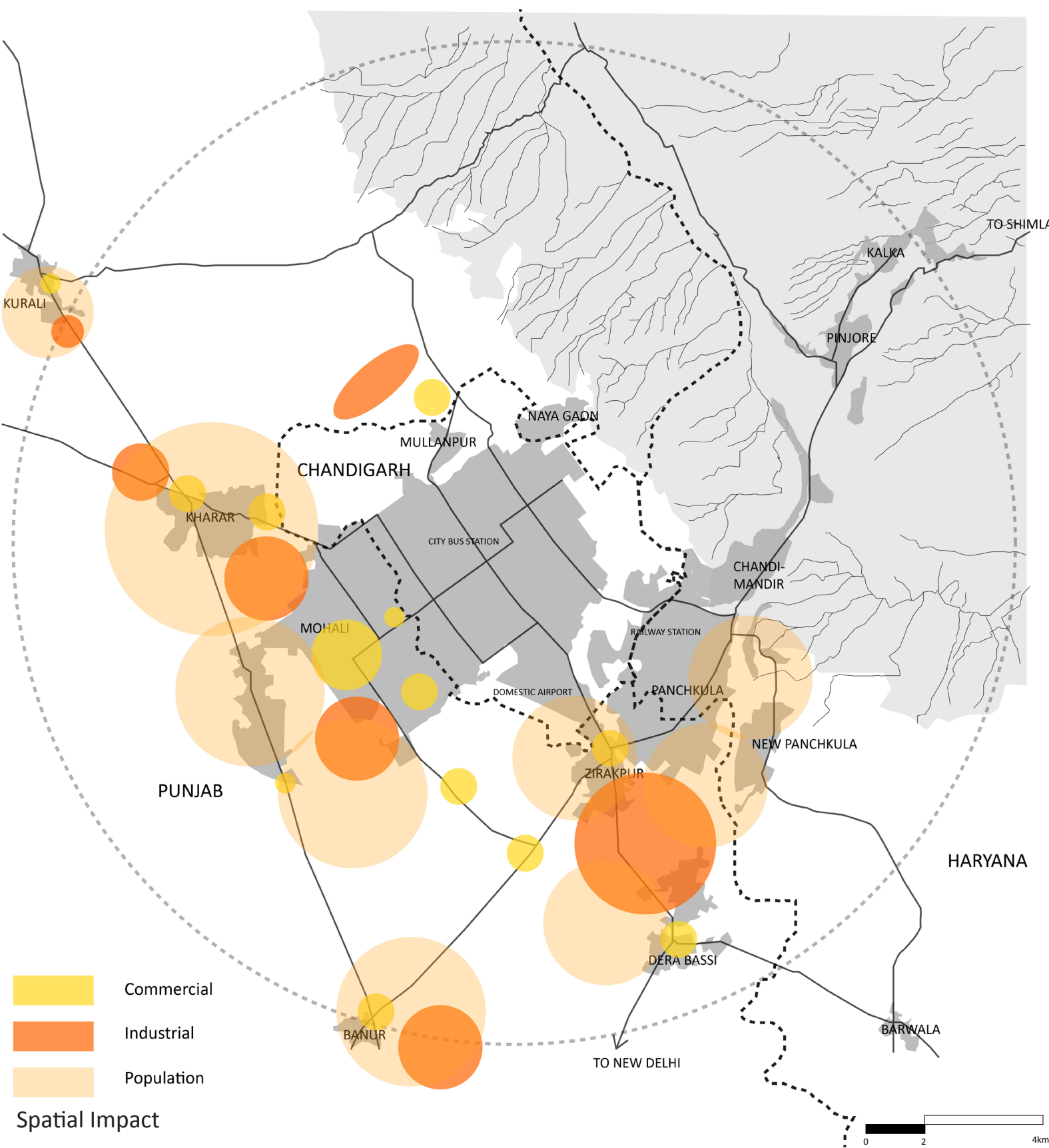
What is crucial is that we simultaneously address both ends of the spectrum-Its time,we begin to engage with our metropolitan region again: think of how we can create self-sufficient neighborhoods, facilitate public transportation, how we can open up land for more affordable housing
- RAHUL MEHROTRA

Multi-scalar Approach



Framework







Source: Drawn by the Author



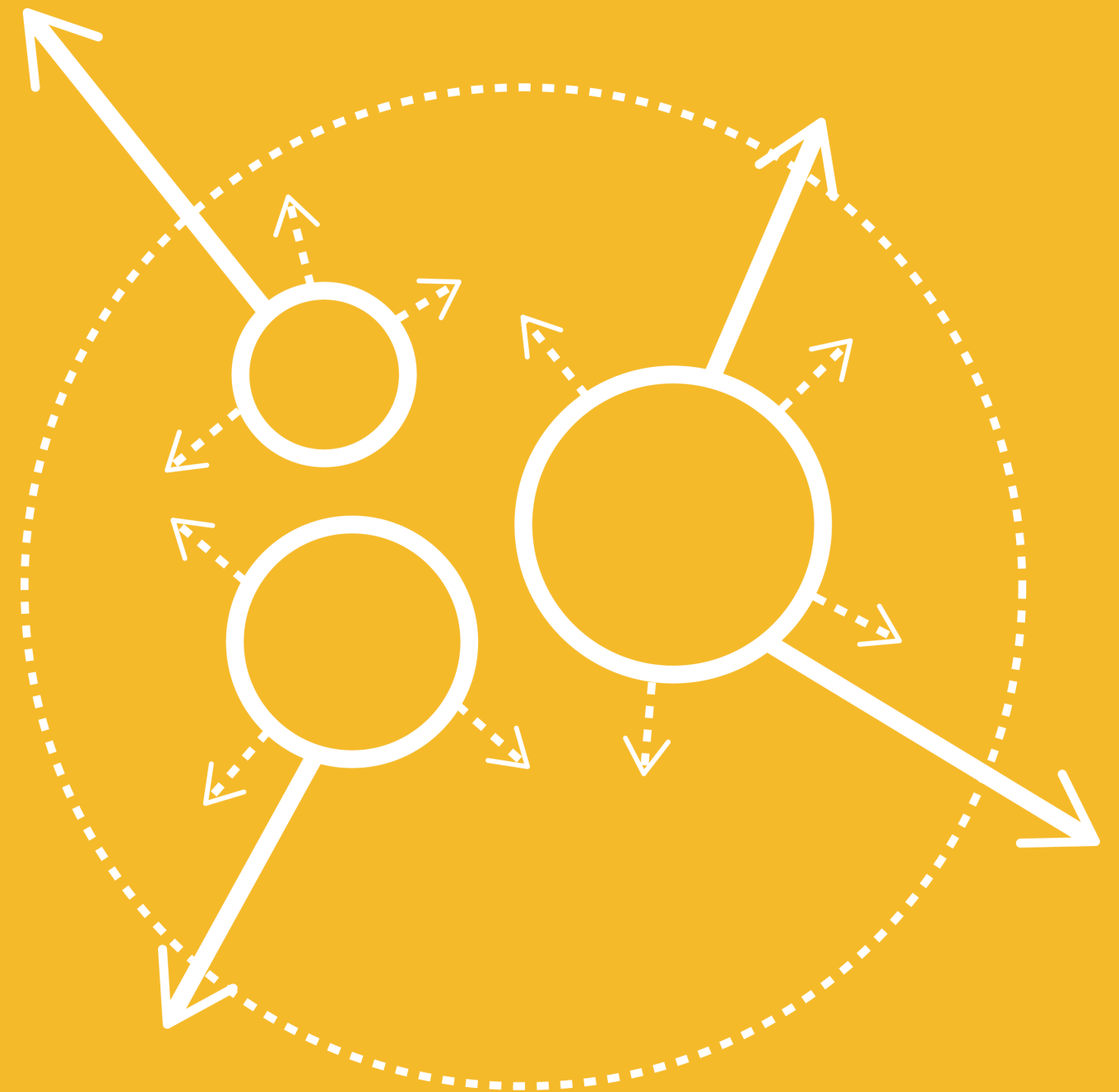
Source: picture taken from Flickr



Concerns about the environment have shifted from a romantic attachment with landscape preservation to increasingly technocratic concerns that vary in scale and context from a local to a global perspective. (Davison, 2010).

Green infrastructure therefore represents an opportunity to re-appraise the green belts, and in some cases link them within a larger network of green infrastructure. This would steer the green belt policy towards the regions without asking central government to carry out a highly contentious reform. (Amati, M & Taylor, M, 2010).

Design Hypothesis



Landscape



Scale

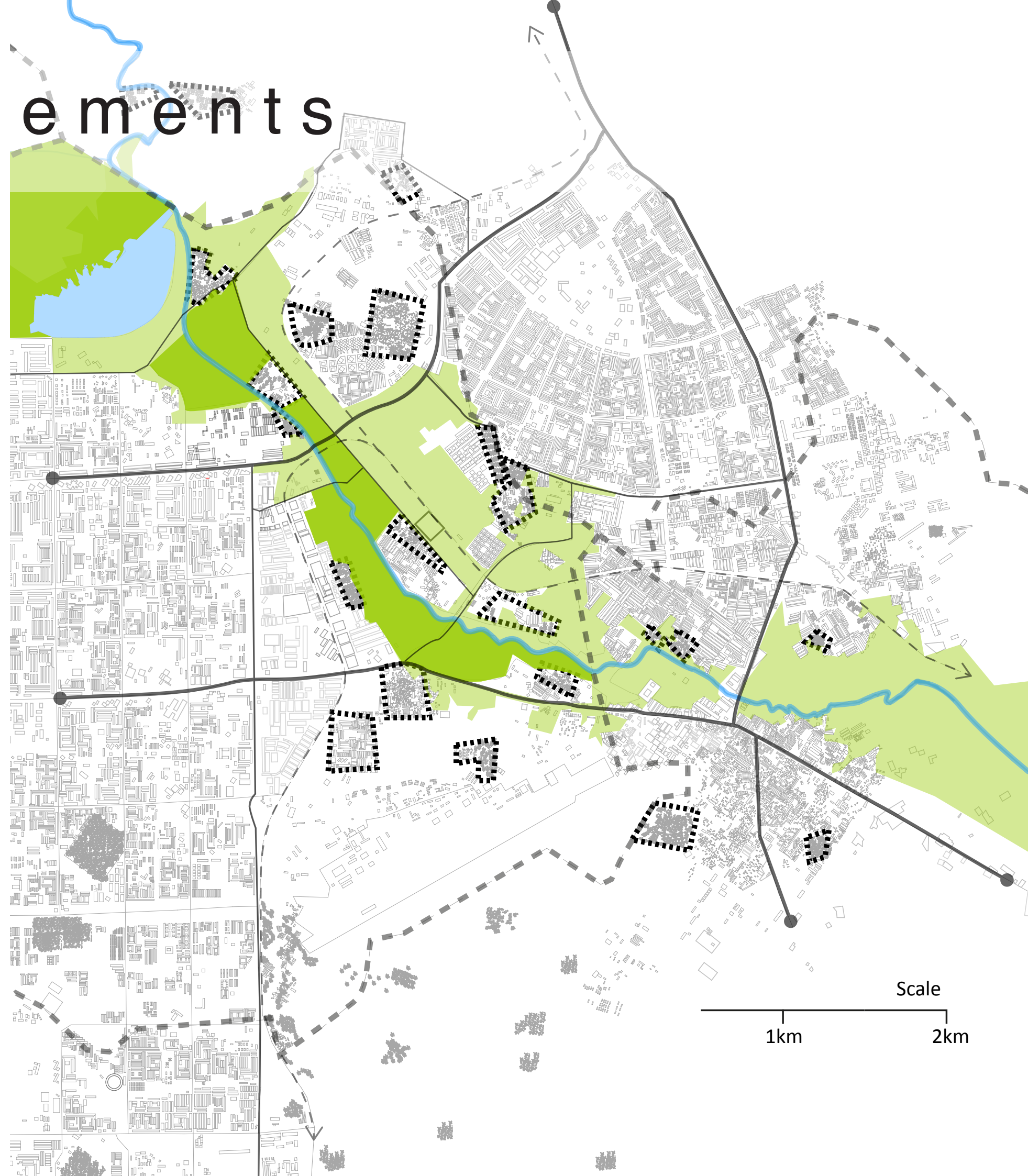
1km

2km

Infrastructure

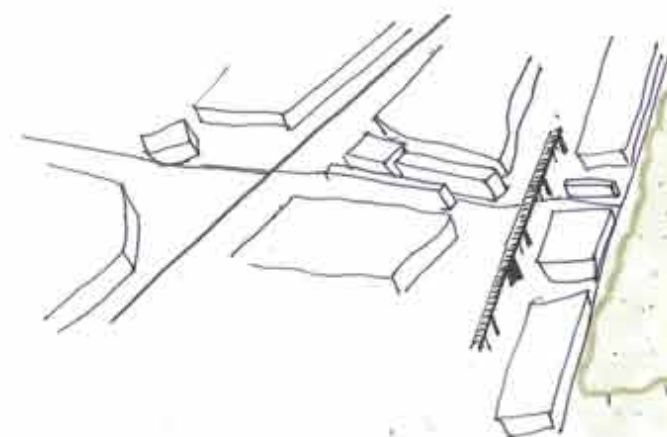
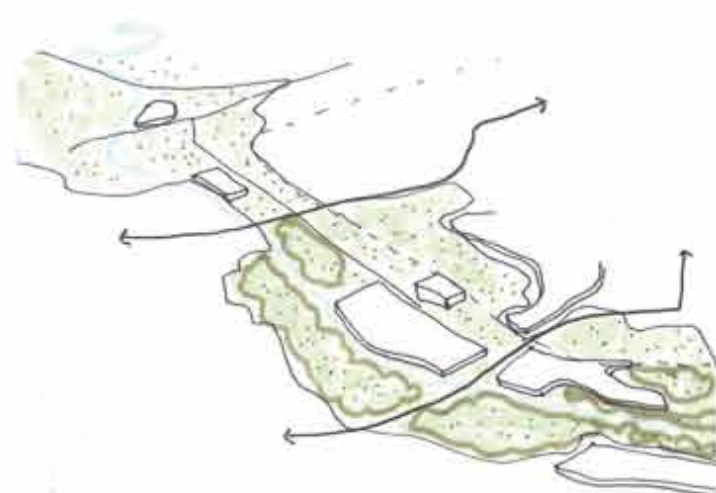
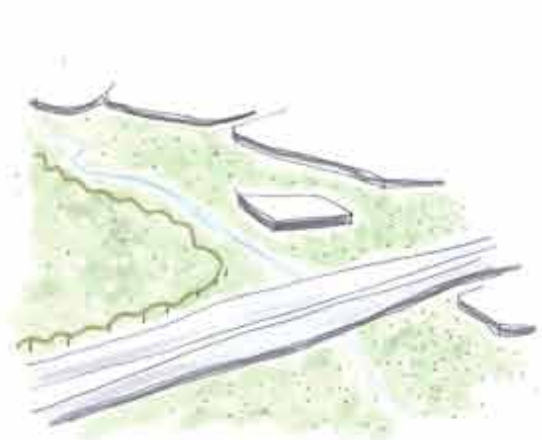
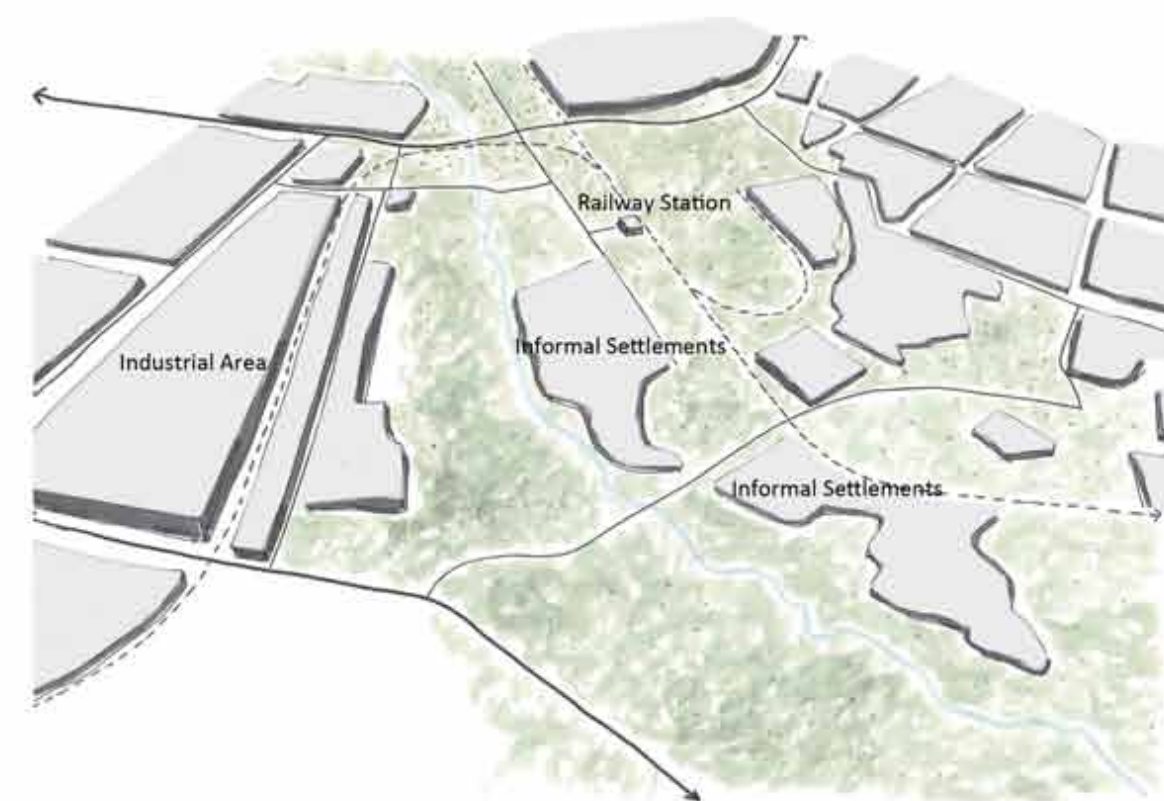
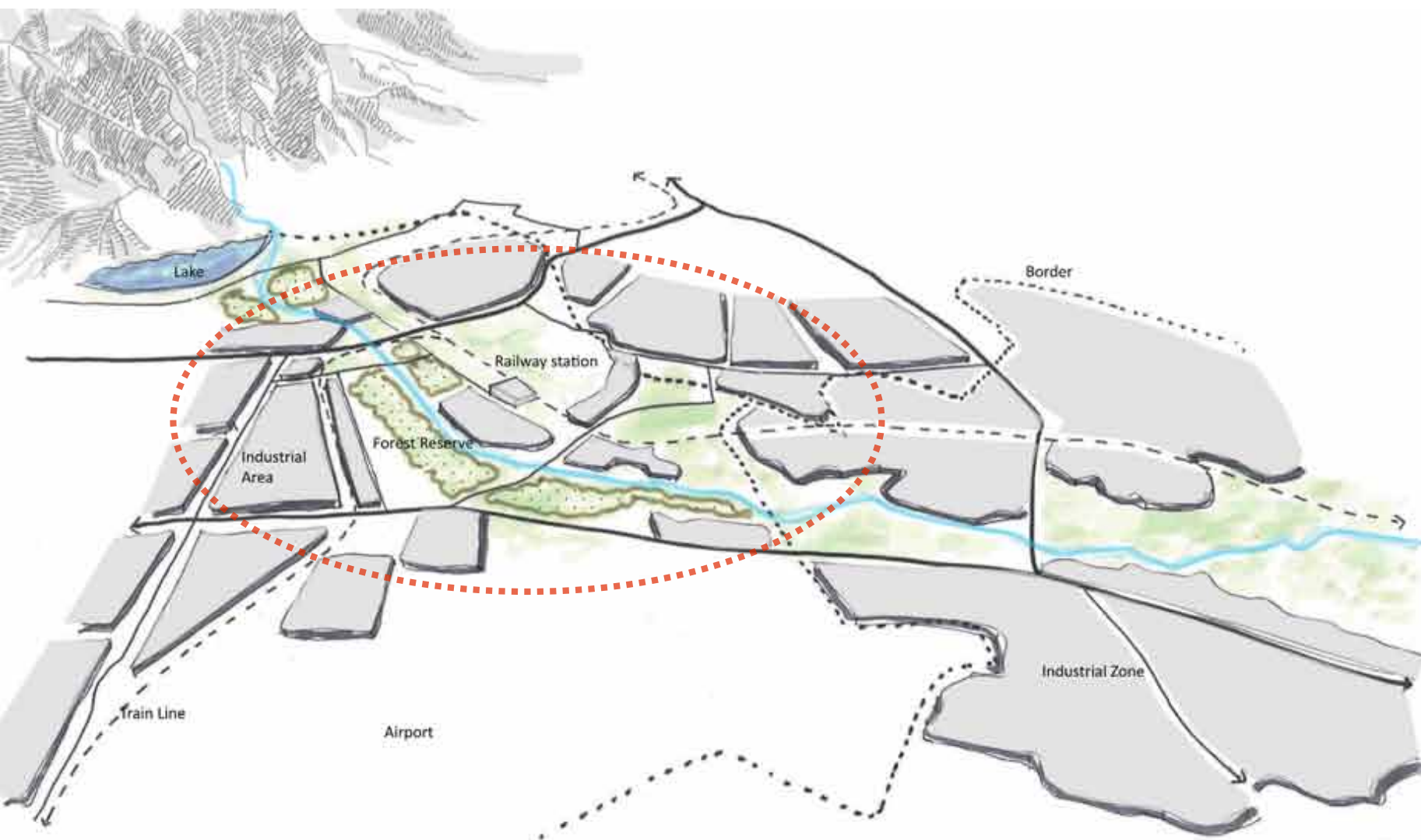


Informal Settlements



Qualities





1.WATER

2.FOREST

3.INDUSTRY

4.TRAIN STATION

Poor connection to the river

Depleting Forest Reserve

Changing use of Industry

New meaning of the station

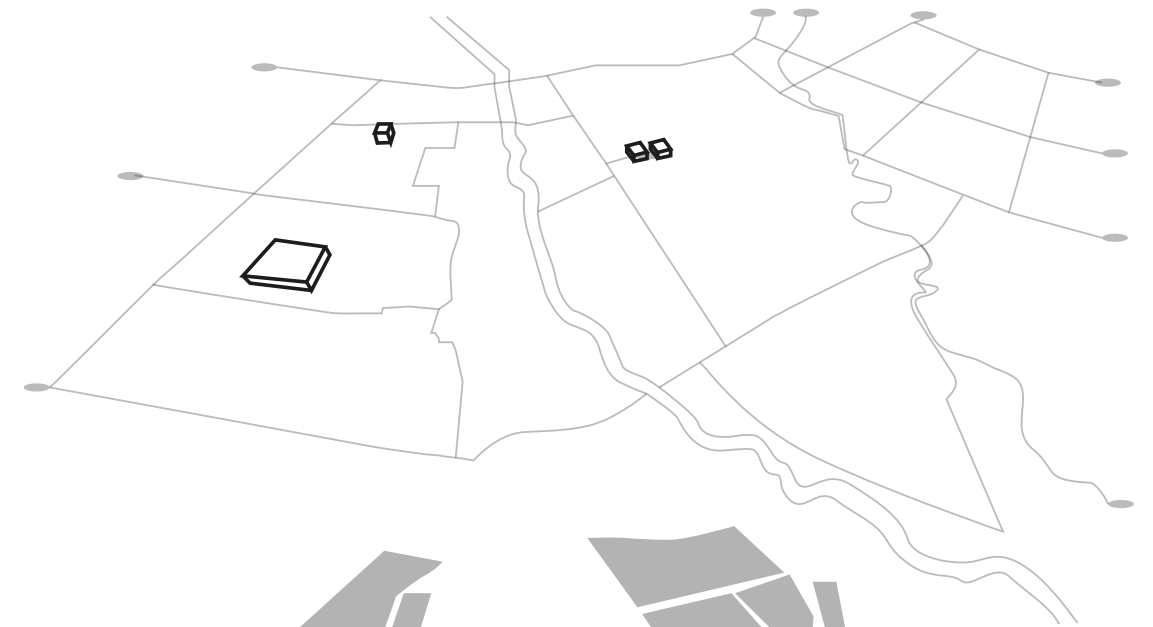




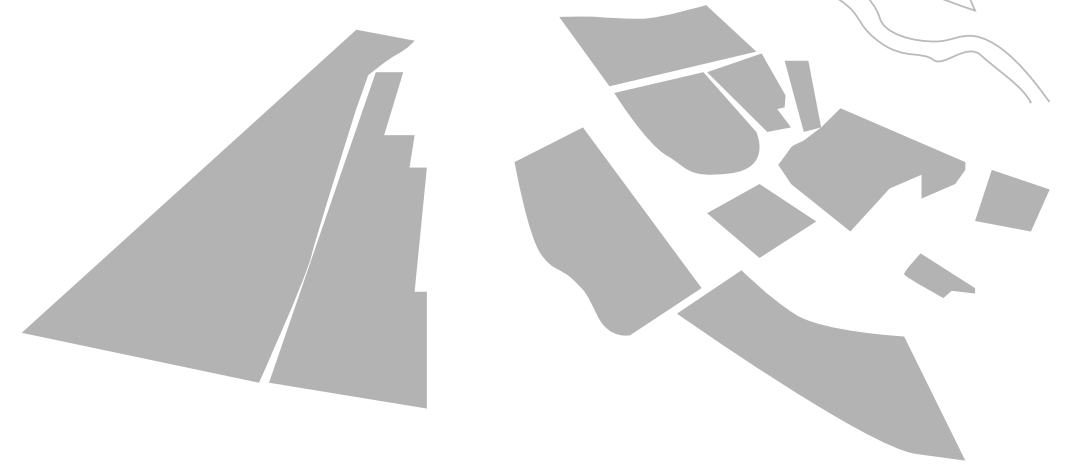
“The city is in itself the powerful symbol of a complex society. If visually well set forth, it can also have a strong expressive meaning.” Kevin Lynch, *The image of a city*.

Design Concept

Landmarks



District



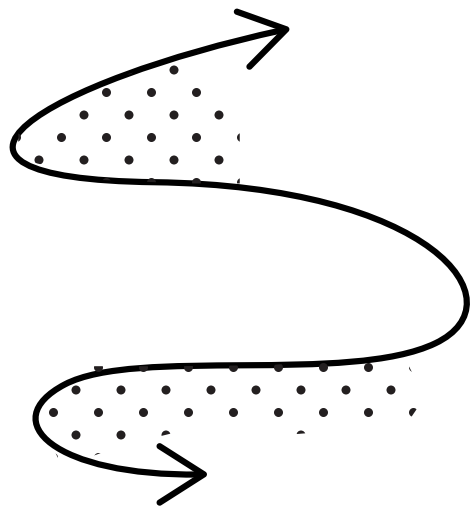
Path



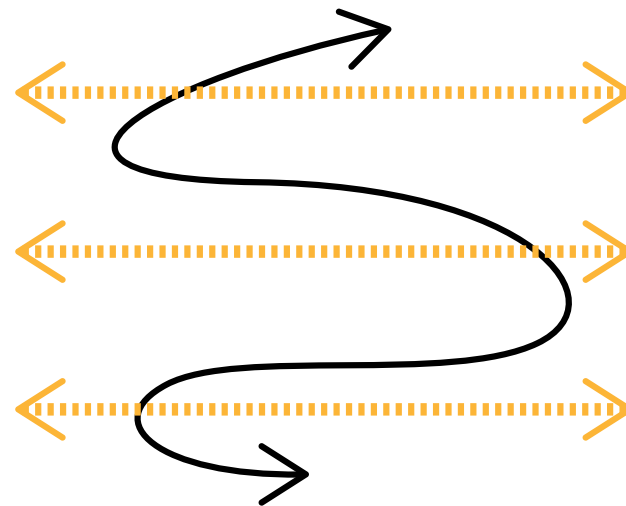
Existing Condition



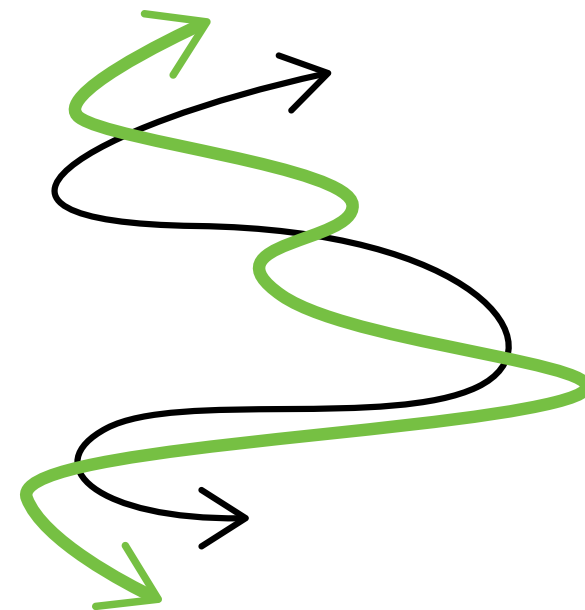
Paths



Forming a network between different undeveloped and open edges, directing their growth and participation in the region.

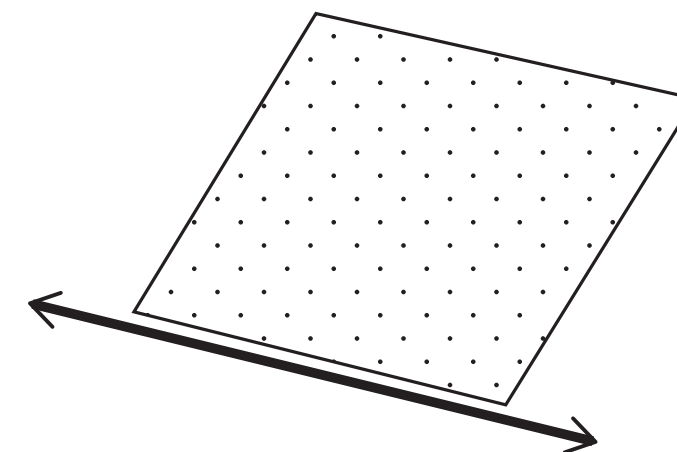
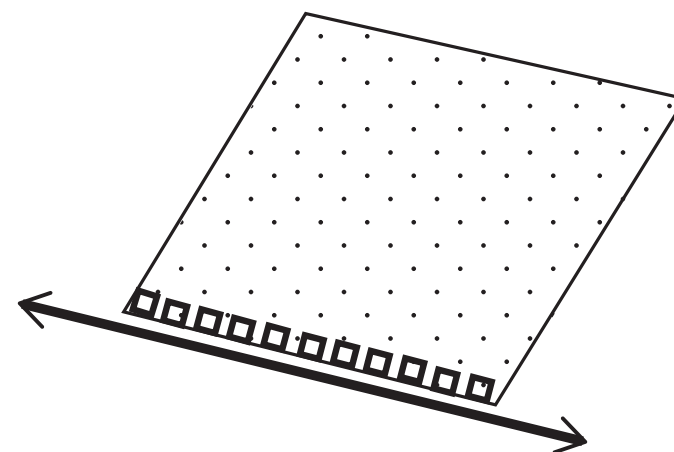
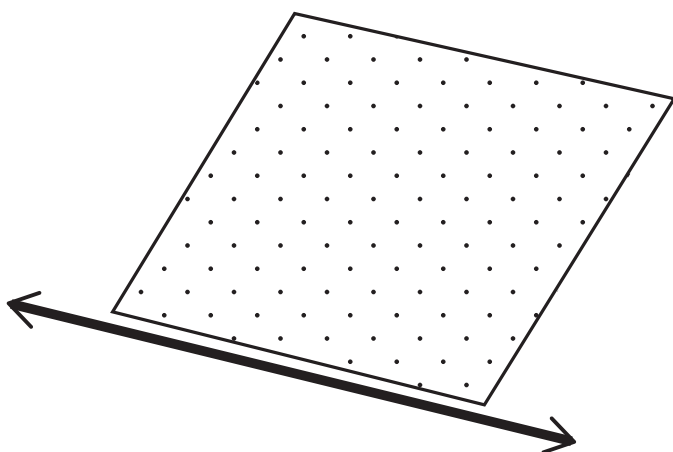
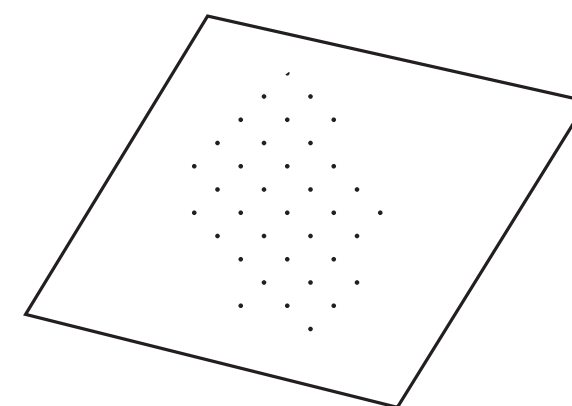
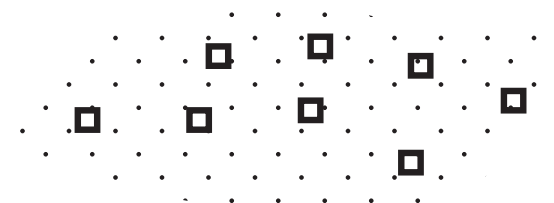
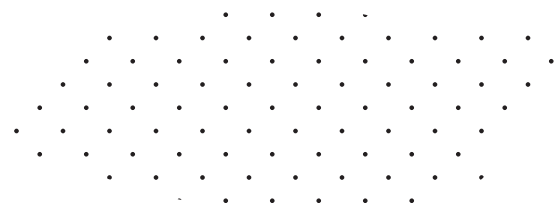


Connecting the different cities and administrative boundaries with soft interventions, also giving opportunities for a more interactive environment.



Adding to a more greener and relaxed environment within the dense urban fabric, while knitting all the different parts together into one unified urban form.

District

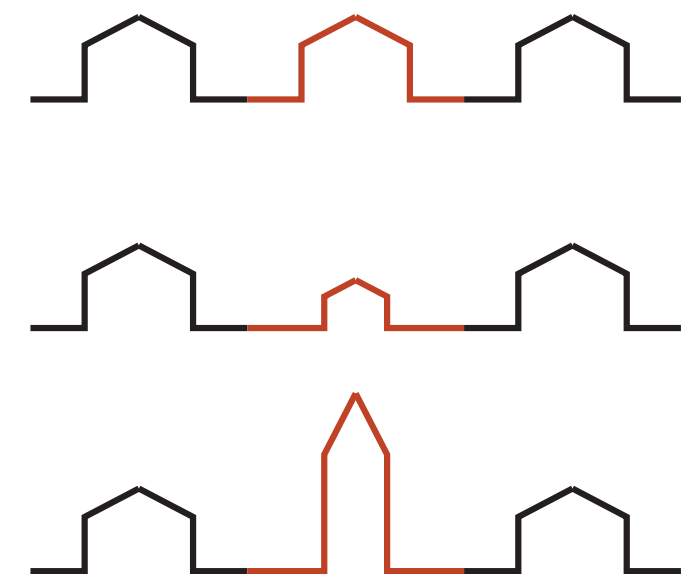


Redefining the edges of the areas where informal and unorganised settlements have taken place making the area more urban and denser in nature.

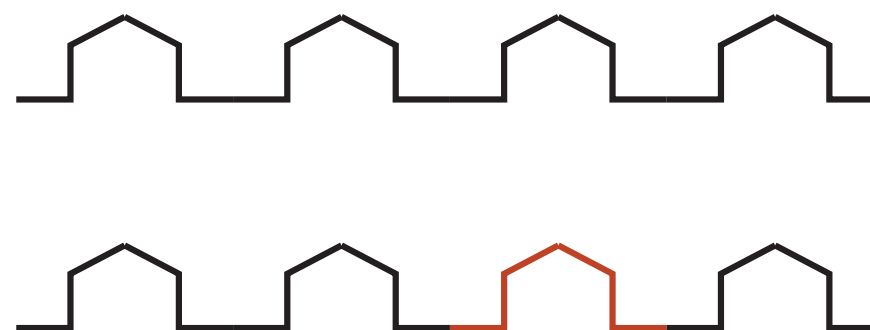
Helping these locations take advantage of their locations and make them more organised and self-sustaining settlements in nature, also making them part of a larger network.

Suggesting areas for growth and intervention, wherever possible to make the urban form more comprehensive in its nature.

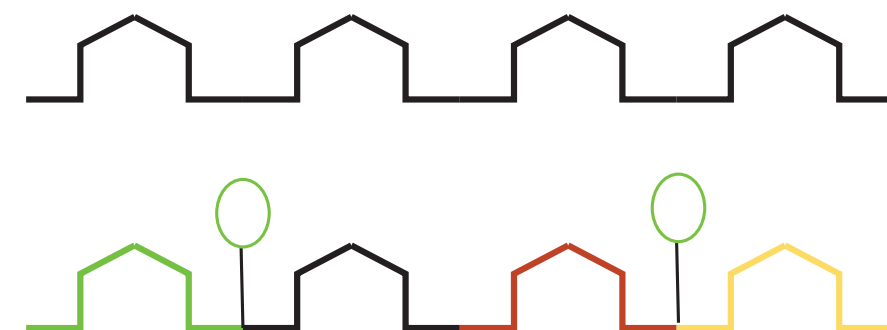
Landmark



Redefining identity and giving a more prominent individuality to the buildings around and the area.



Directing new identity to the buildings losing significance and in need for reuse. In the process giving character to the area.

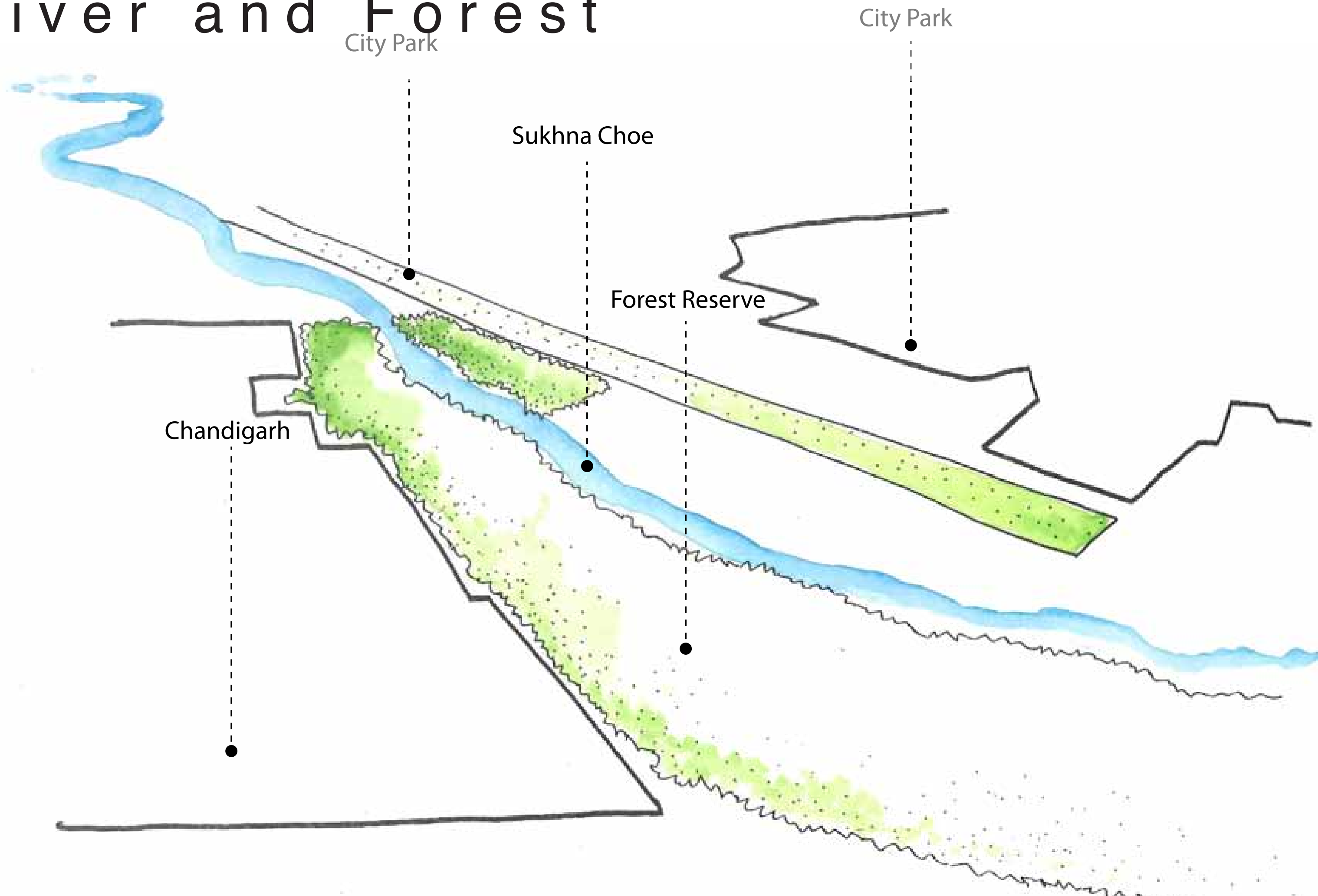


The actions can help in adding versatility and vitality to the area and help it in making it a more human scale in nature.

Values



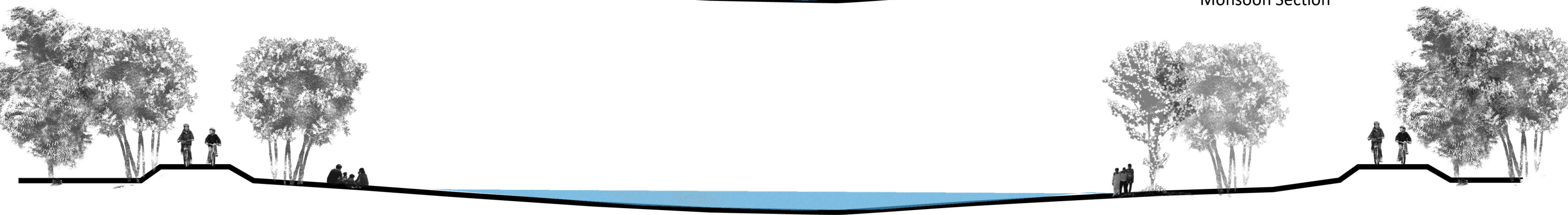
River and Forest







Monsoon Section

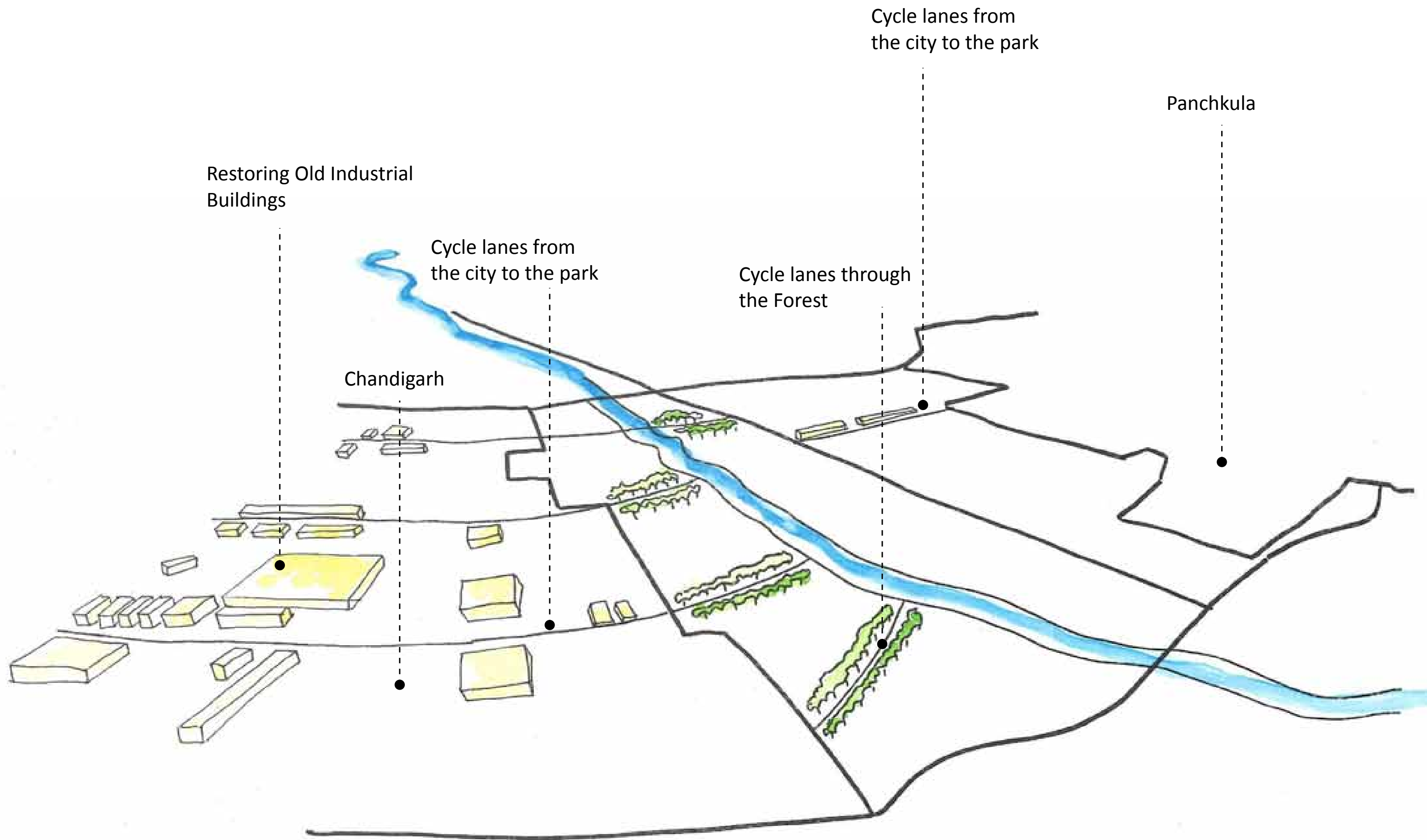


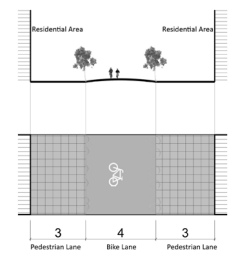
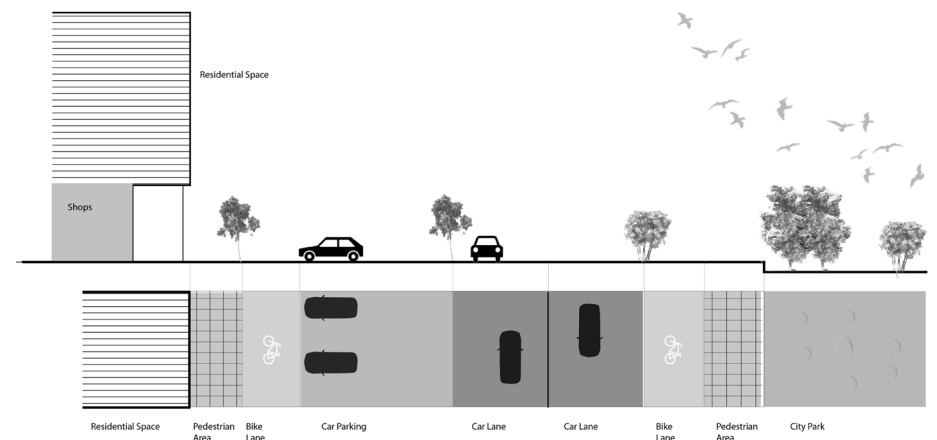
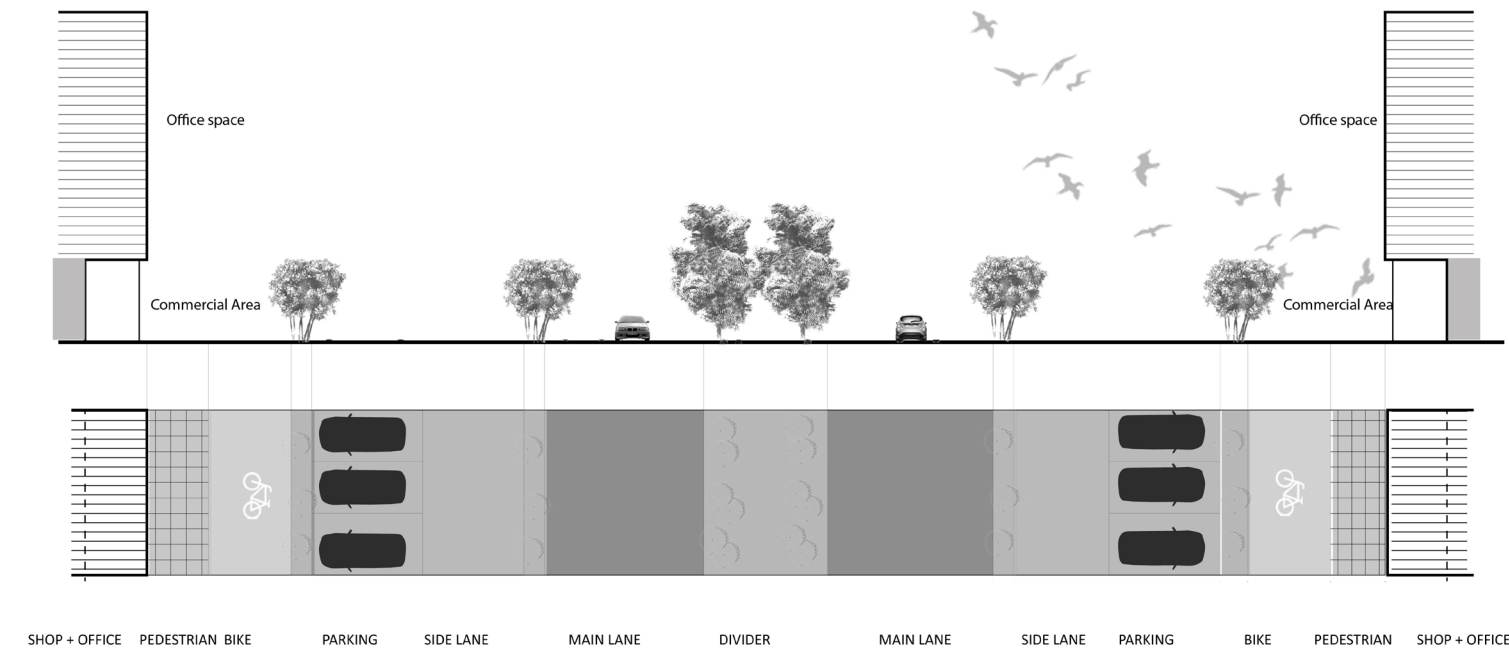
Summer Section



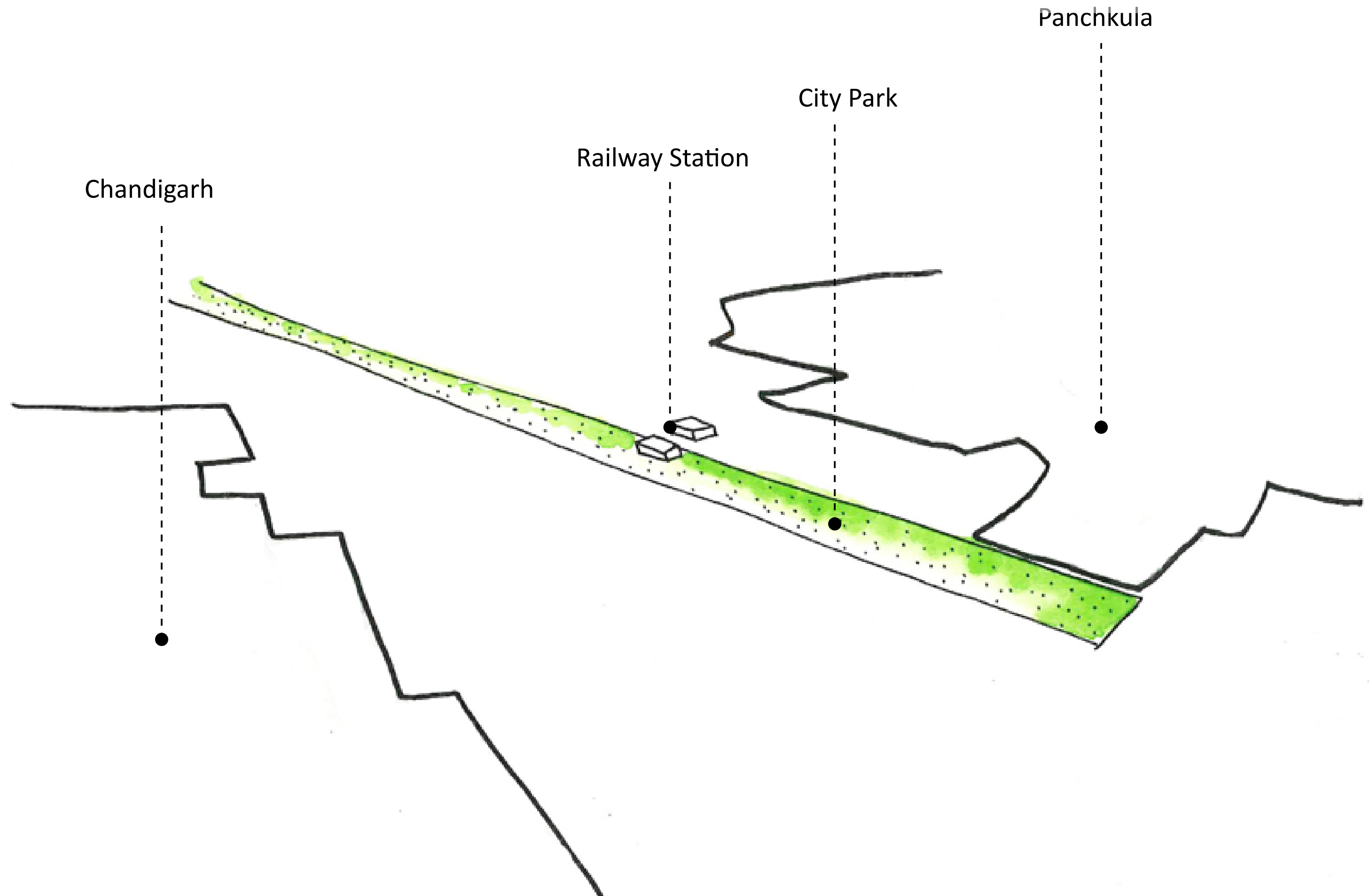
Forest Reserve Bike Lane Eco sensitive zone catchment zone Water through the year catchment zone Eco sensitive zone Bike Lane Forest Reserve

Forming Connections

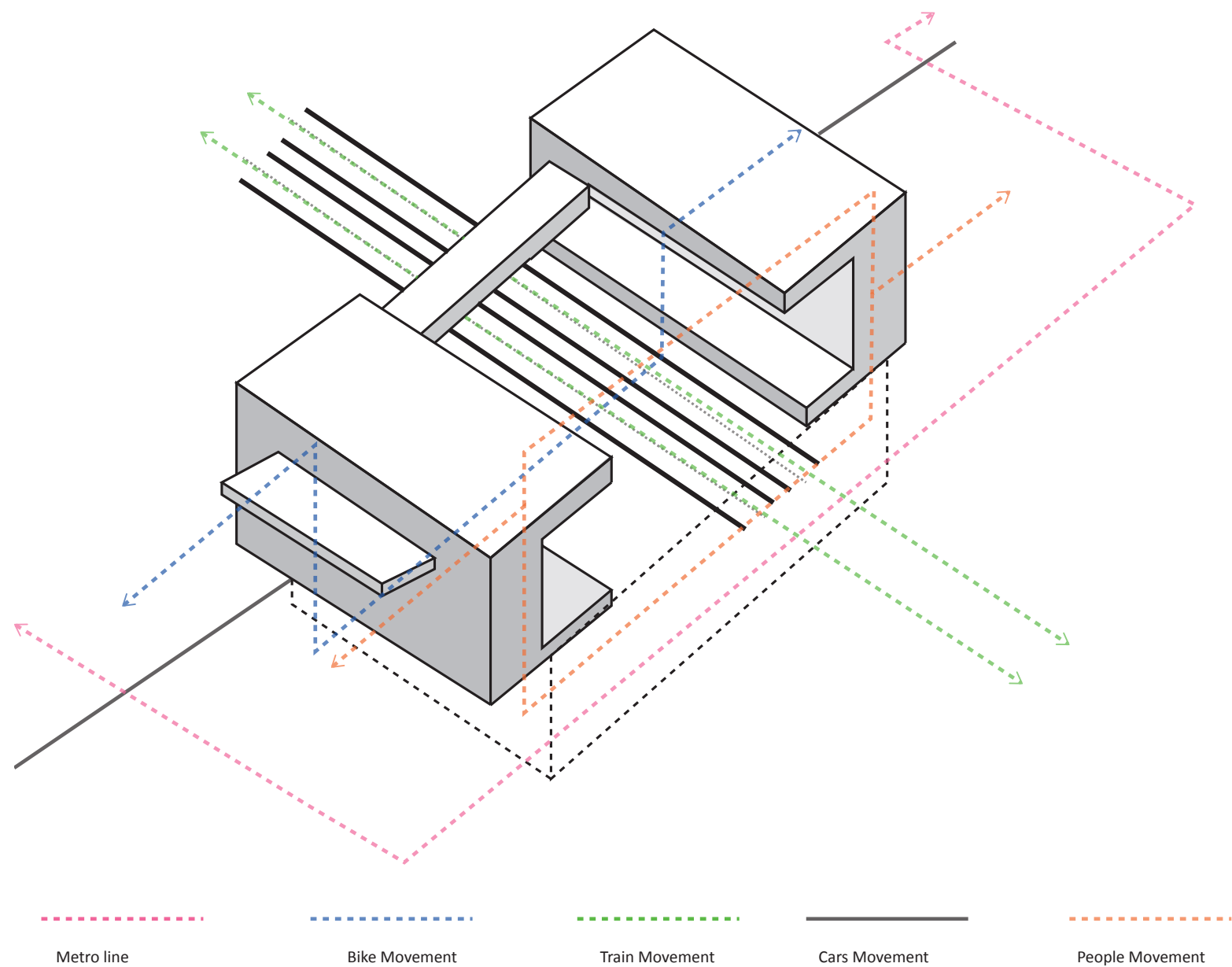




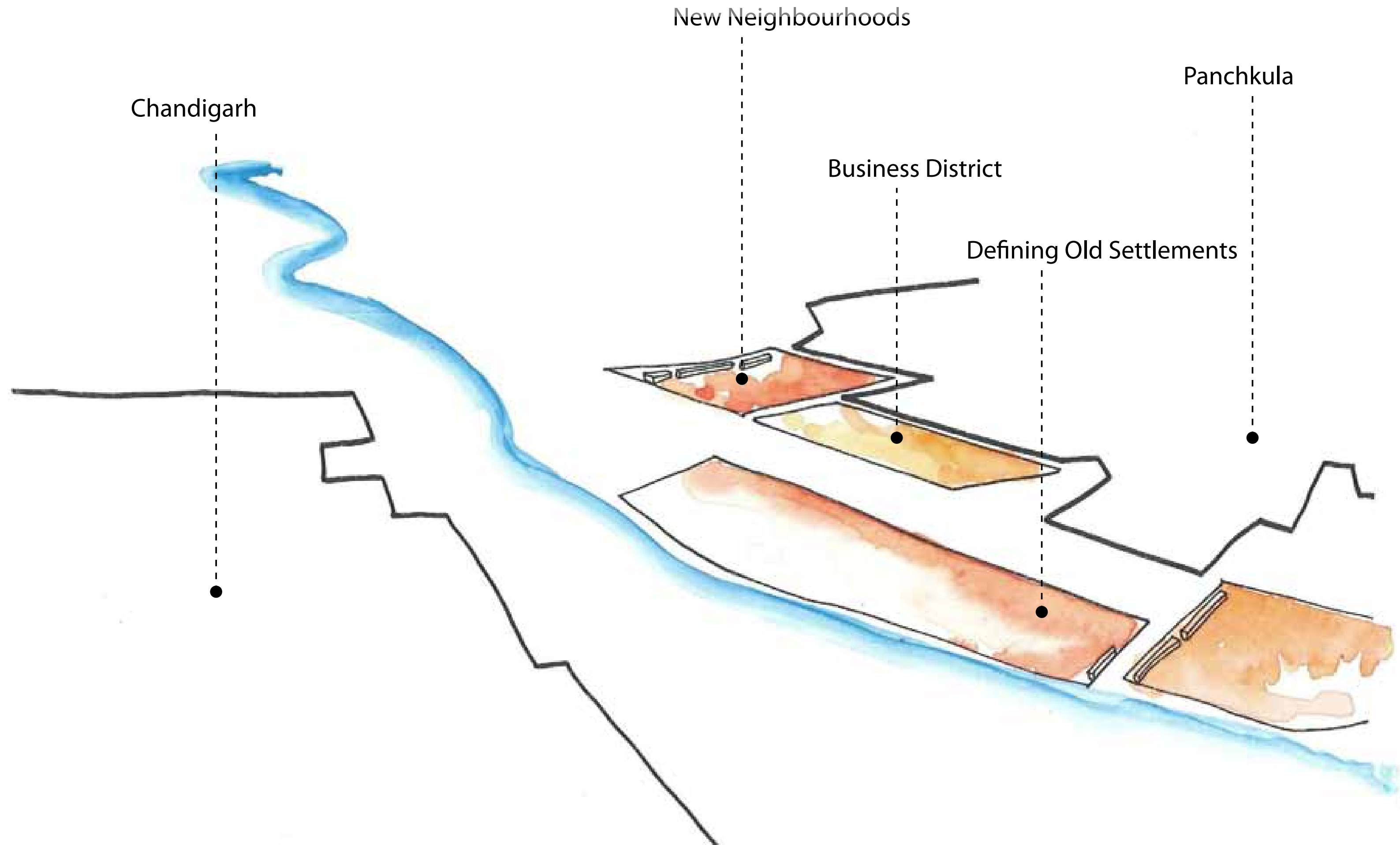
City Park and Railway Station

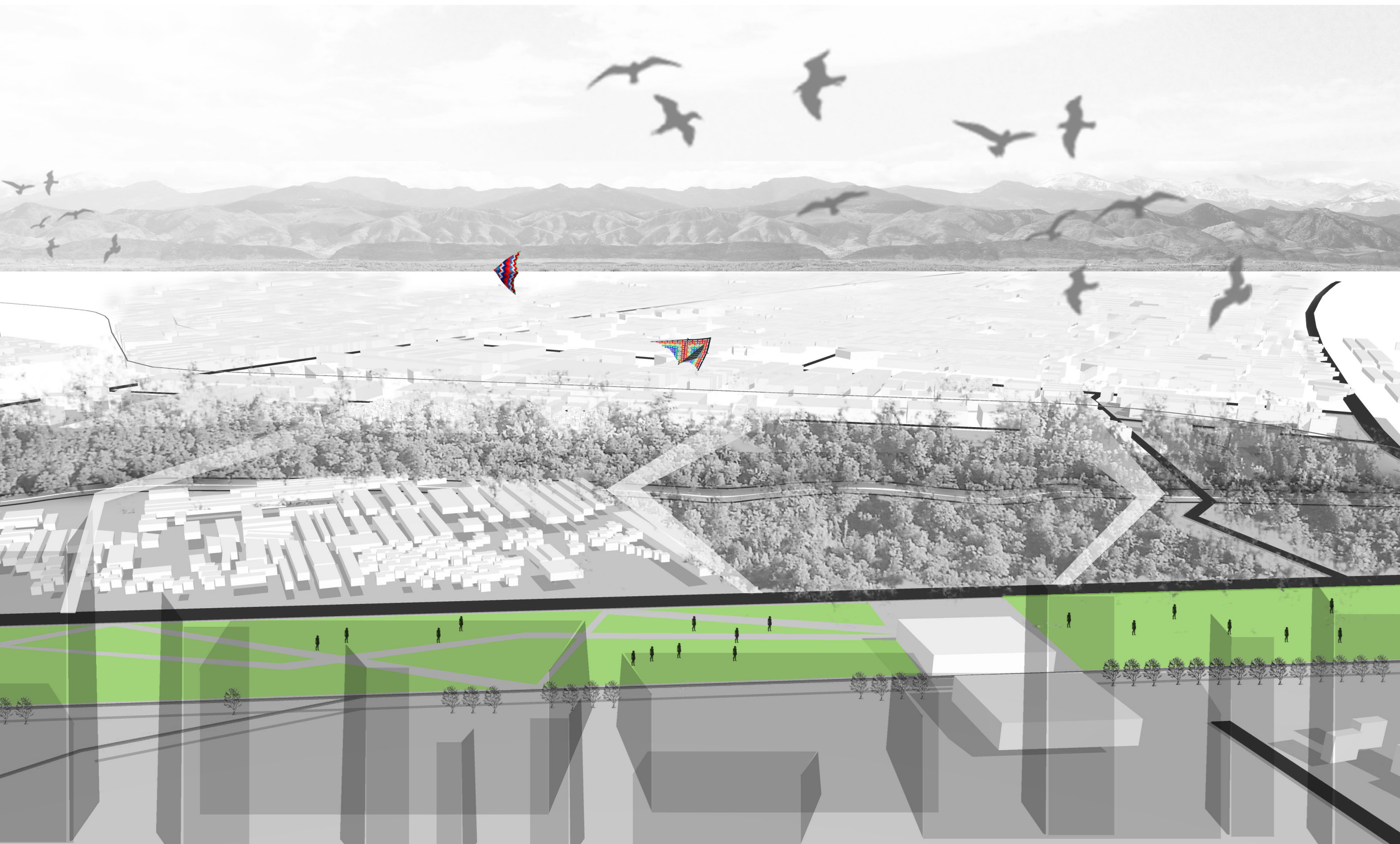






Forming Neighbourhoods





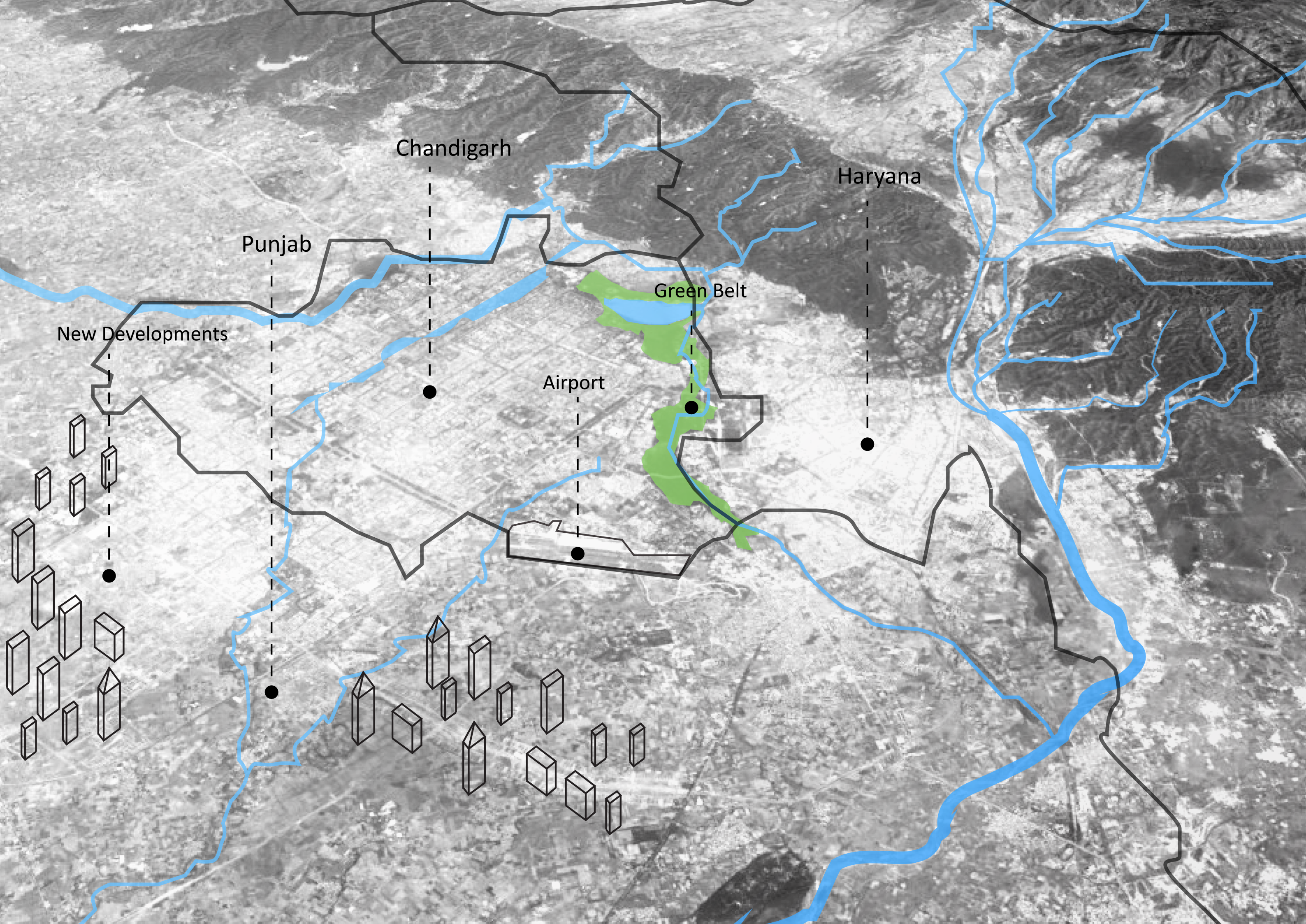
A New Image of the city



Reflection







Chandigarh

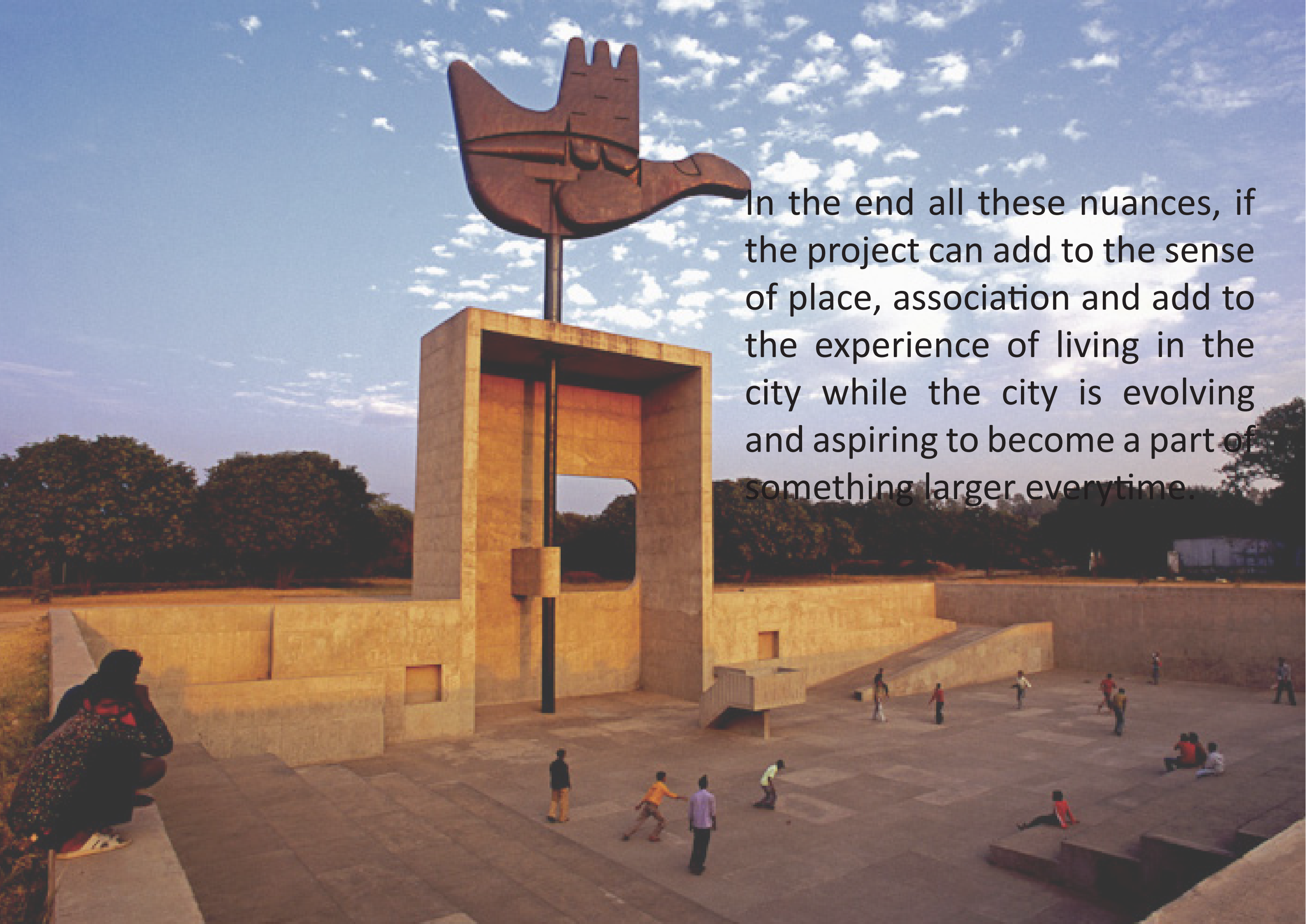
Haryana

Punjab

Green Belt

Airport

New Developments



In the end all these nuances, if the project can add to the sense of place, association and add to the experience of living in the city while the city is evolving and aspiring to become a part of something larger everytime.