

# GROW WZ<sup>2</sup> from TJU

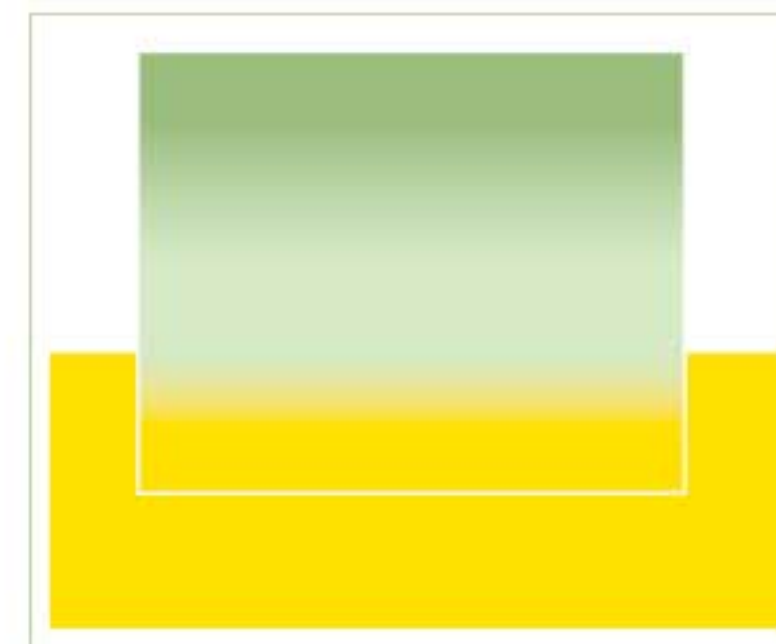
History is coherent, architecture is alive and growing

In the next 100 years, from the bottom up, from limited to open, fixed to random, complex to simple.

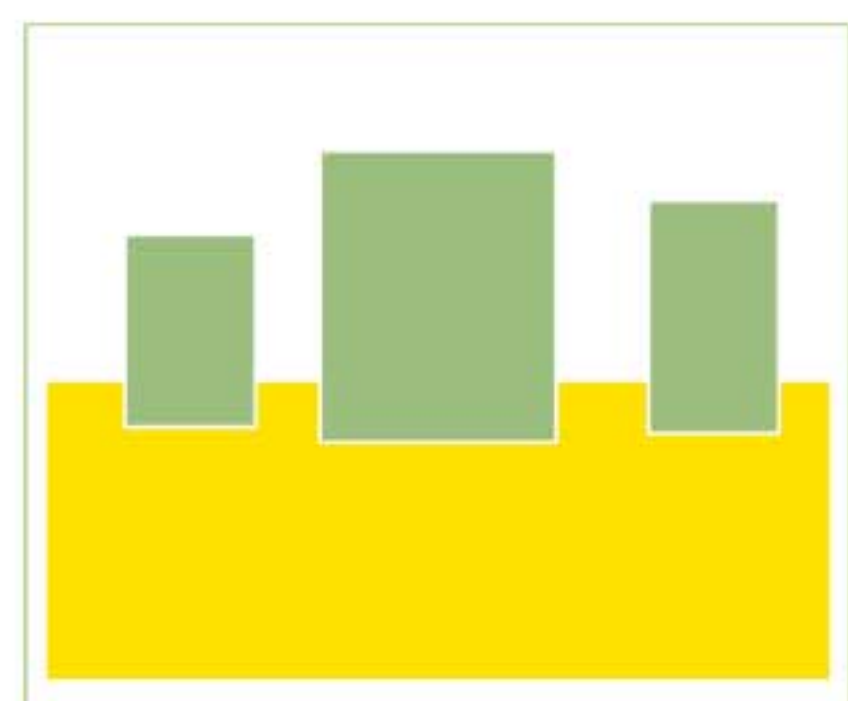
Nine divide by nine is one.



2030 FLOATING CITY



2100 FREE CITY



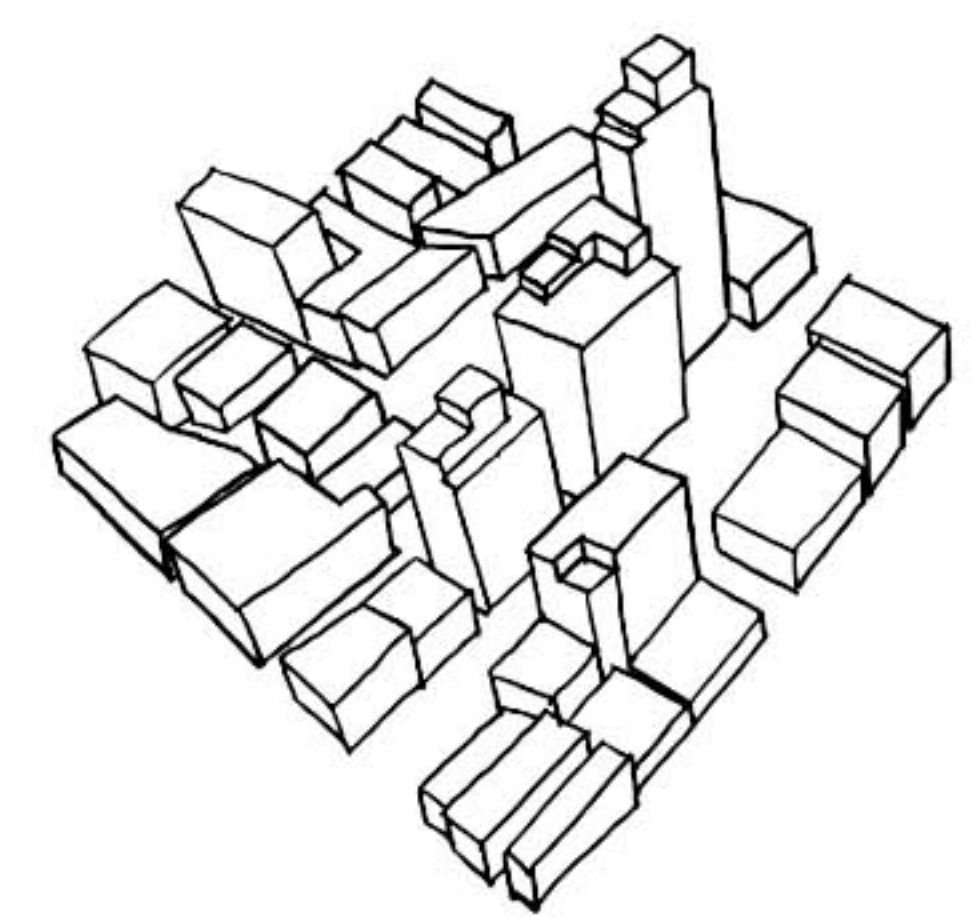
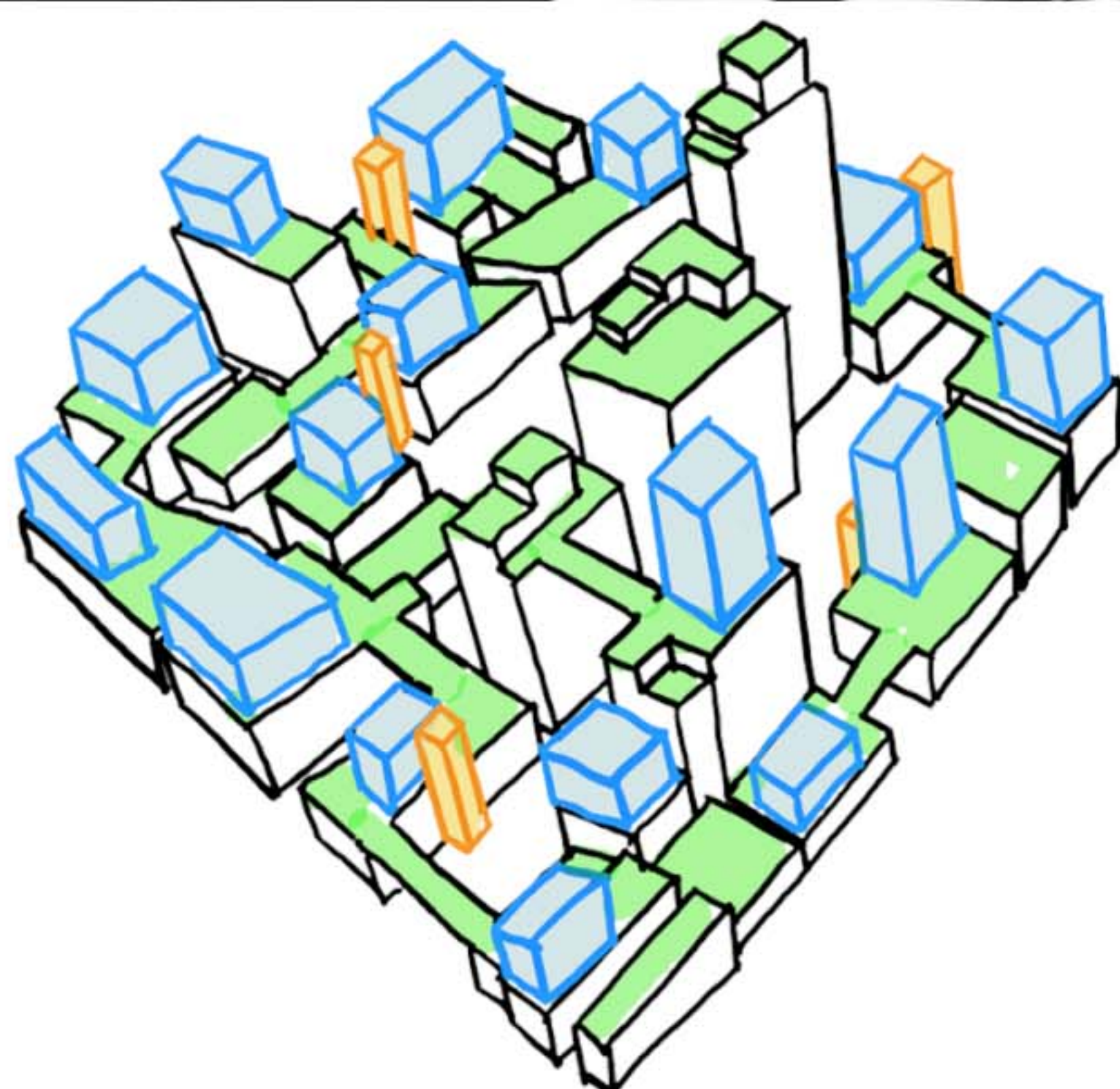
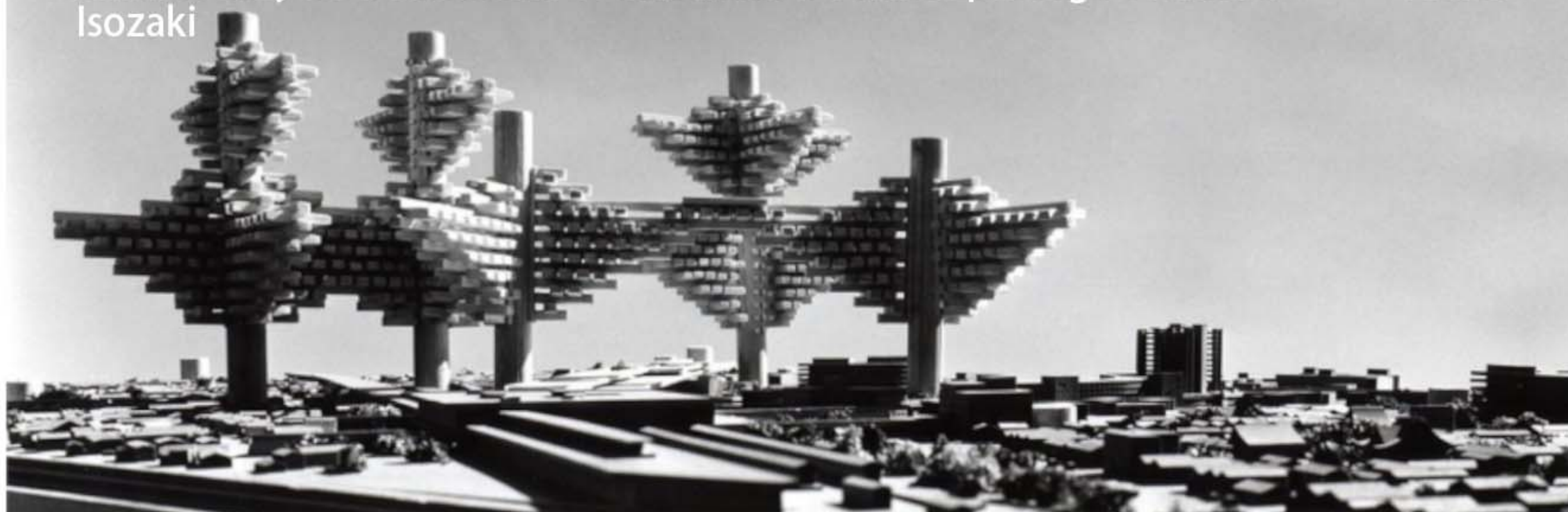
2050 INTERGRATING CITY



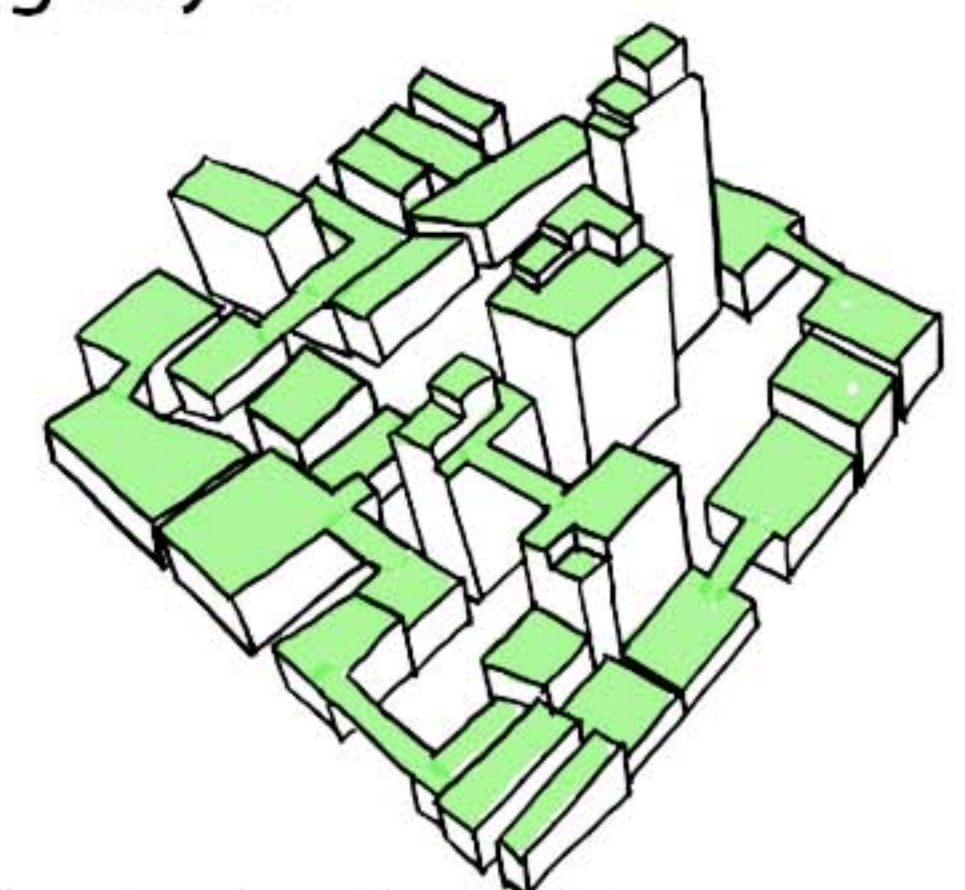
The three stages of the city, from the addition of form and content, gradually transformed into a fusion of the old and the new, and by 2100 can be seen as the flower pot of the future in the past.

## 2030 FLOATING CITY and AERIAL PLATFORM

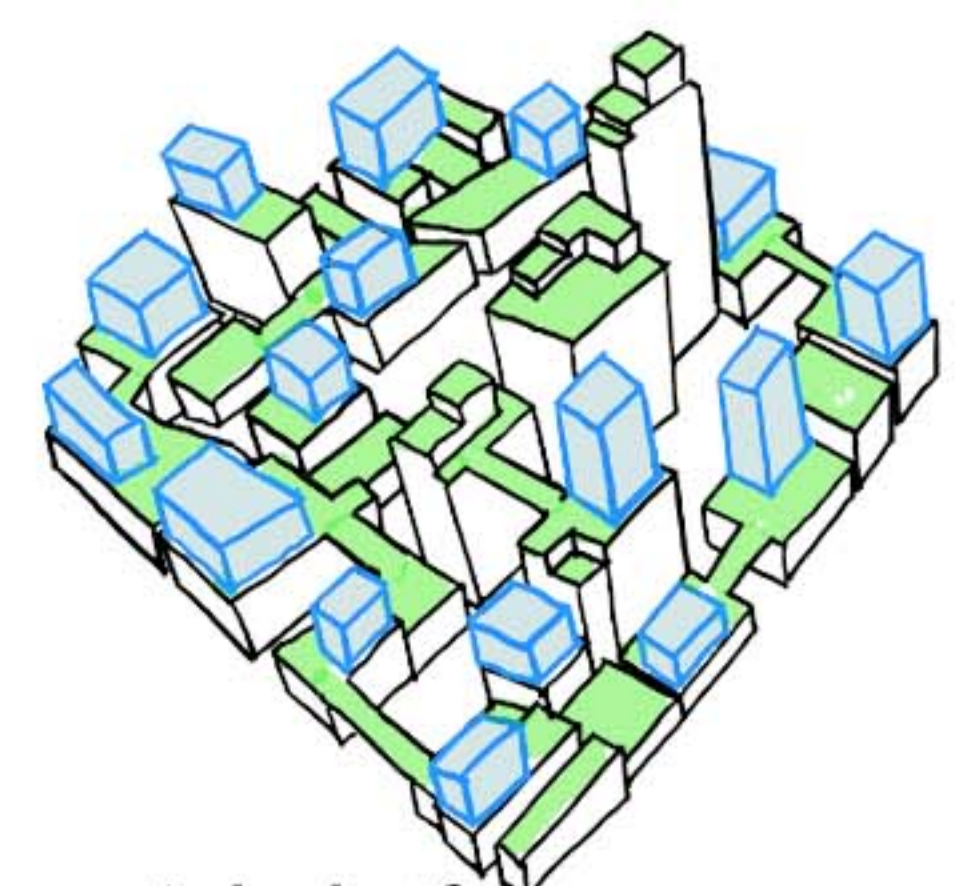
"Tokyo is hopeless... I left everything under 30 meters to the others. If they think they can fix the city's mess, let them try. I think about buildings and cities 30 meters above. I only need 10 square meters on the ground. I will put a column there that will not only be a structural column, but a vertical passage of traffic."-----Arata Isozaki



1. Inspired by the City in air theory, the urban renewal strategy of 2030 is relatively modest, which we call "floating city".



2. First, the rooftops of existing buildings are used to construct the base level of the new city, which is called "Aerial Platform". This can accommodate the new volume of the building, while also serving as a new public space for urban activities.



1. The "floating city" strategy have less effect on the original urban space and architecture, is conducive to preserving historic buildings and city texture.
2. At the same time, new buildings are less restricted, and new parts of urban space and architectural form have higher freedom.
3. The functional zoning is clear. The functions of the new building are concentrated in the upper floors, and there is an independent streamline to meet the new functional requirements.
4. "Aerial Platform" frees up more public space in the city and can meet the needs of future additions.

3. Then, based on the aerial platform, we superimposed the new building, mainly residential units, on top of it. The new units were constructed using an assembly method and lightweight materials.





PERSPECTIVE

When the time comes to 2050, the new city floating on the historical buildings can no longer meet the needs of production and life, and with the erosion of time, the internal structure of the historical buildings has been almost damaged. Therefore, the new city gradually occupies the internal space of the historical buildings, connecting up and down, leaving only the facade unchanged and retaining the style of the historical block to a certain extent.

It has totally become air transportation, with the emergence of hubs and platforms in the air, and set air tracks for each public transportation, which greatly improves the availability over the air.

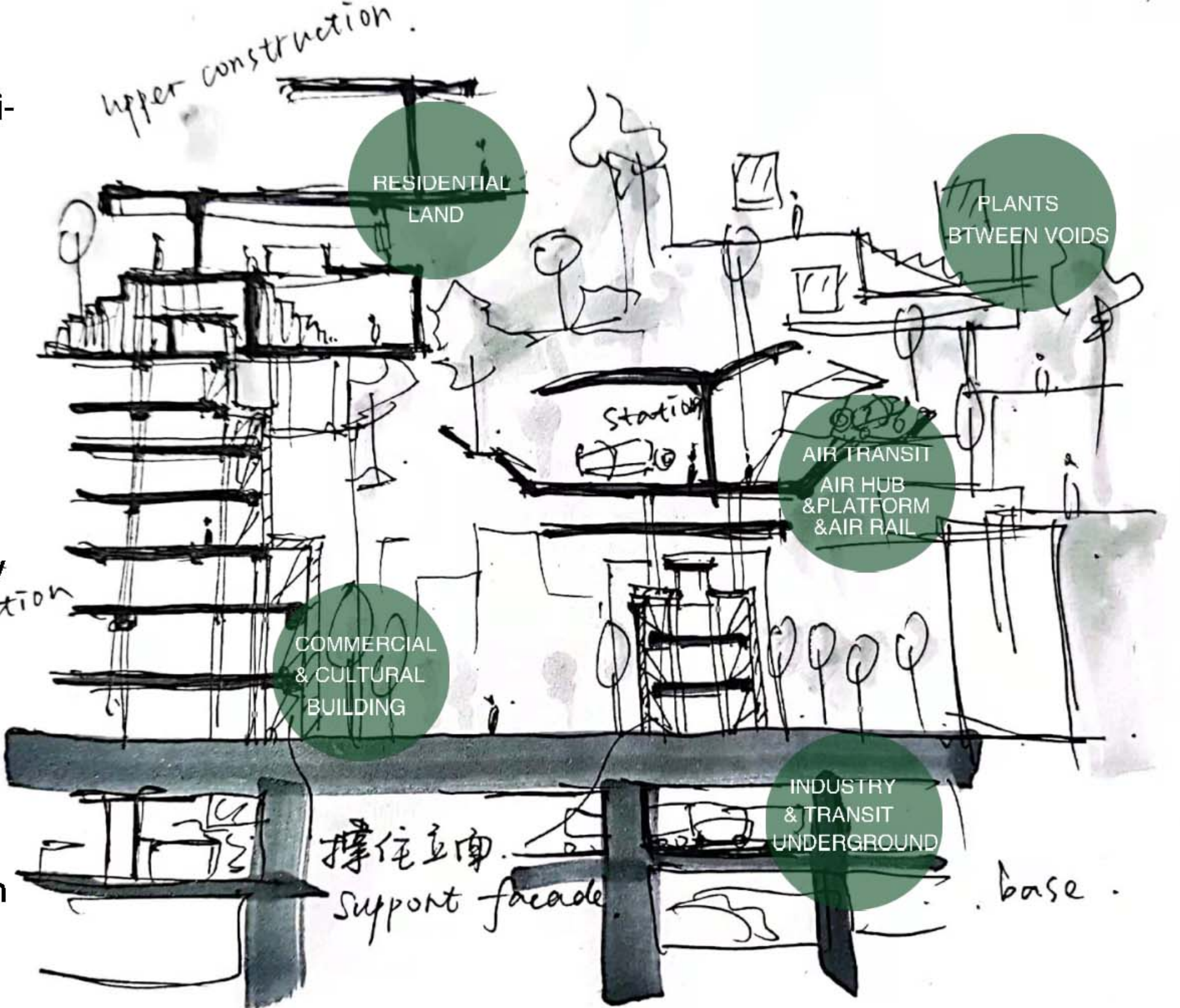
The lower layer has become a gathering area of commercial land and cultural land, resulting in the sinking of public space and the separation from private space. The superstructure is directly supported by several columns hidden inside the historical building.

The upper residential area is not limited by the interlayer platform entity, the gap increases, and the overall shape leaving a position for natural resources.

So far, there is no clear boundary between history and modernity.



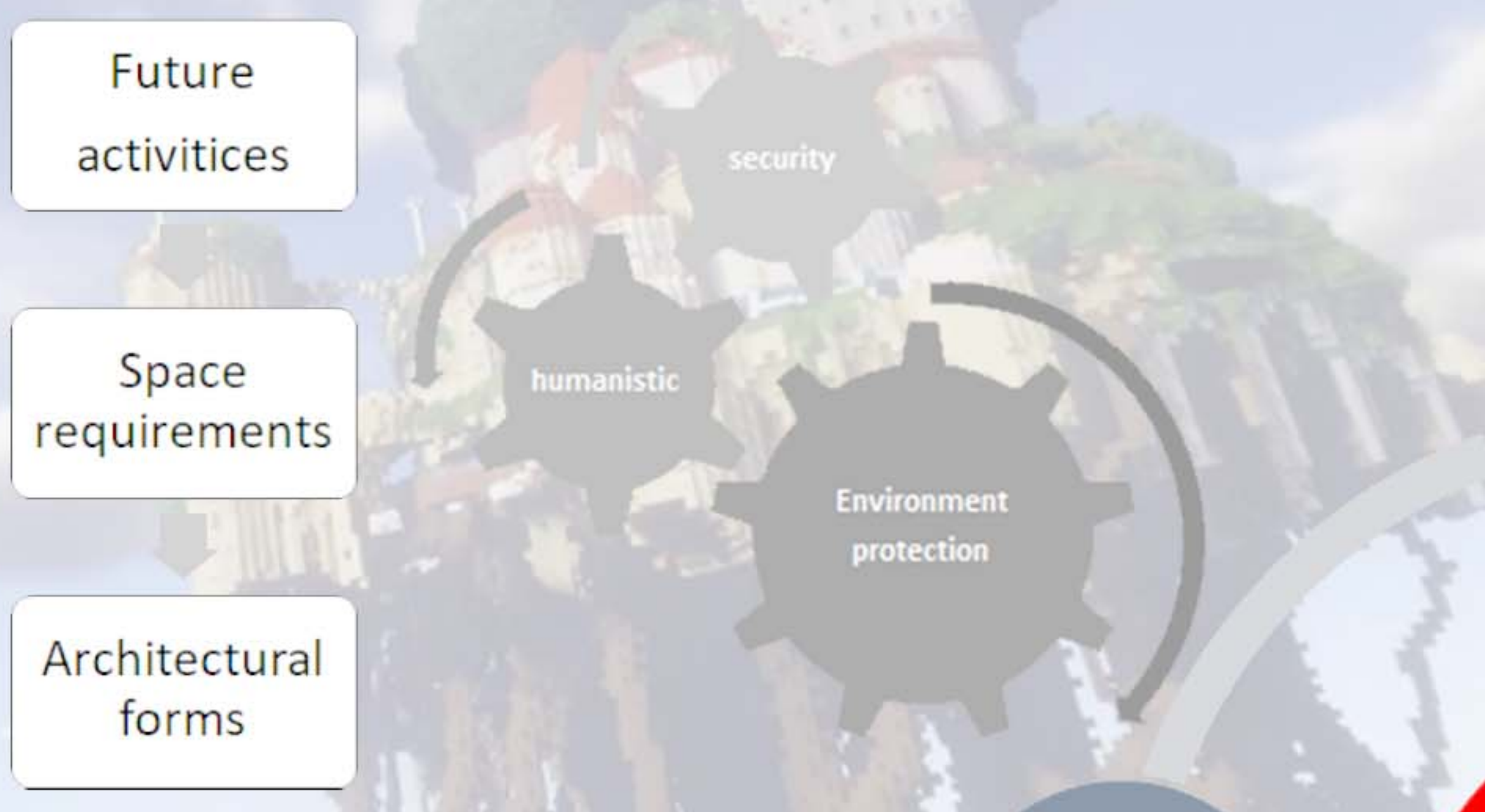
2050: MIX CITY



SECTION

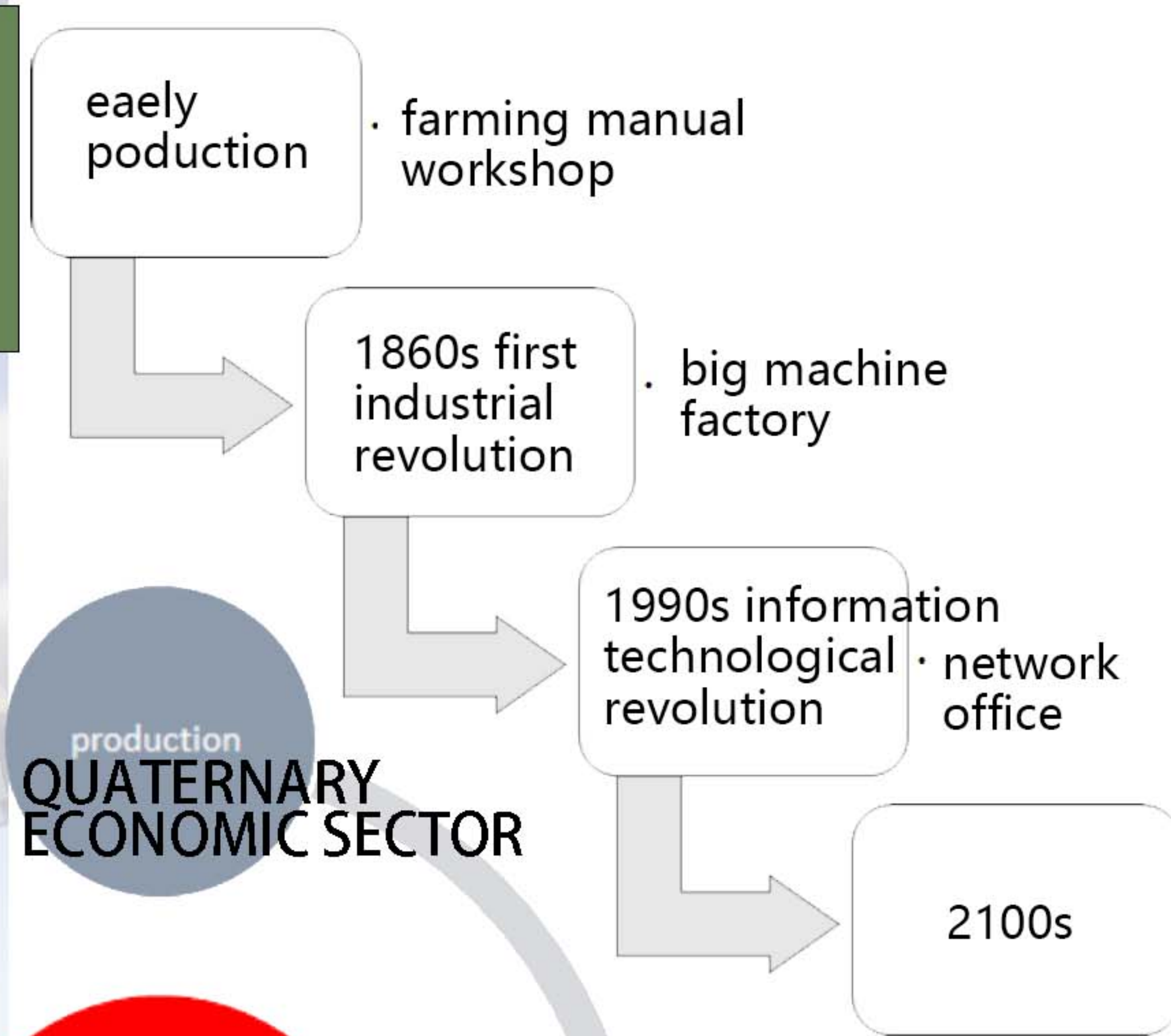
## 2100 FREE CITY

Looking for the possible picture of future human life from the law of history  
To realize the existing consensus in the future life of mankind



**Materials:** Diverse, environmentally friendly and renewable (3D printed biomaterials -- make buildings grow naturally like trees)

**Structure:** module, intelligence, reorganization



The existing first, second and third industries are more automated and intelligent production, while human beings are responsible for the fourth industry: human beings will be more committed to education, culture, civil administration and other industries with social publicity and administrative function. At the same time, the portability of office supplies leads to the communication and partial privacy of the space provided by human production activities, and the space is more similar to a blank, which can change the scene according to the needs of the crowd.

