

B154

2050? GHS!

Global Health Station

Open the Gate of Future
Time: 2050
Site: each city around the world
Scale: depends on the population of each city

WHAT IS GHS?

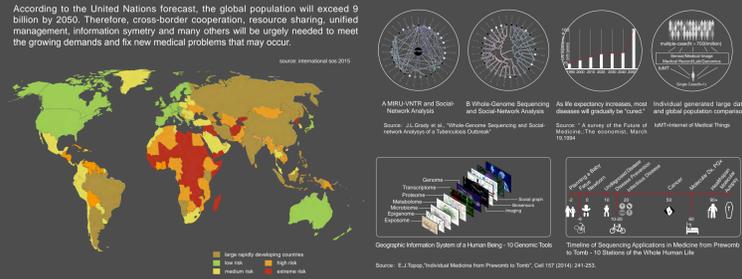
GHS is the multi-functional health sharing station, connecting medical resources around the world. Within the effective range of the platform, some healthspots conducted by our center site, distributed in regions of different functions, such as living, shopping and transportation, will be constructed. We hope the platform designed can provide a well-balanced, sharing, co-operative, green, intelligent and safe medical environment, serving each and every person all over the world.



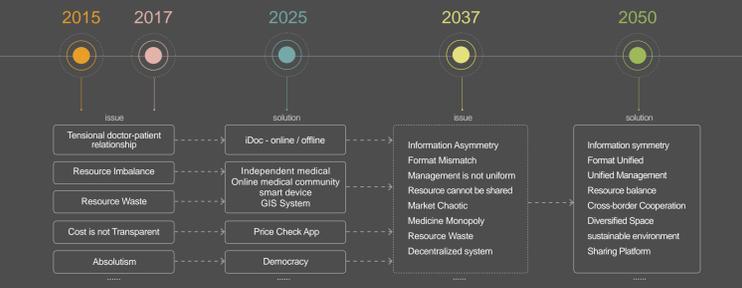
WHY IS GHS NECESSARY?

The current medical problem mainly shows in resource imbalance. As described in the image below, the global medical resource distribution is seriously uneven, especially in developing countries. Many other issues like tensional doctor-patient relationship, resource imbalance and fee opacity, have come up long before the year of 2015 and have been known to public well. As the time moves on, there are some effective solutions for those problems, but not yet universally applied. However, new difficulties will arise spontaneously when old ones will be solved possibly by 2025, we hope to predict the potential problems and find possible solutions.

In this rapid developing society of information technology, lots of technologies and intelligent systems have been applied to medical fields, which is demonstrated in the figures below. At the same time, problems behind the big data may continuously increase. For example, problems like system dispersion and information mismatch will affect the harmonious development of society seriously, if the new medical companies which arise as the new technology models accumulate a lack of centralized management. Were that to happen, no matter how the science and technology progress, there would be no better future for us.



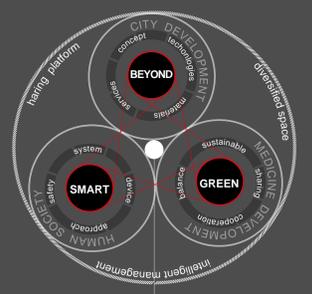
FUTURE MEDICAL SITUATION FORECAST



HOW DOES GHS WORK?

On account of those issues mentioned above, we have designed a global health sharing platform with unified management. It can integrate all the resources and provide a convenient and efficient platform for medical companies. With that, we expect the platform can serve each and every person efficiently as well as protect the interest and privacy of people.

Similar to the current high-speed railway stations, airports and commercial centers, the platforms we designed are medical complexes as well as medical central processors. The quantity, scale and location of platforms will vary according to the situation of different cities. Each platform consists of flexible structures and diverse multi-functional modules, which are able to meet various needs and can be rented and customized by different companies, and the modules can link to GHS.



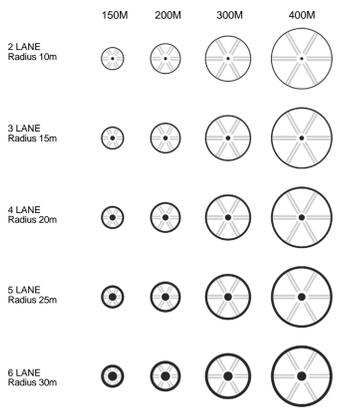
DESIGN CONCEPT

At the early stage of the design, we have realized that the development of future healthcare architecture should be based on many aspects, including human society, culture, science, medical development, and so on, rather than develops in isolation. According to that and our research and analysis, we have designed a multi-functional health sharing station, connecting medical resources around the world.

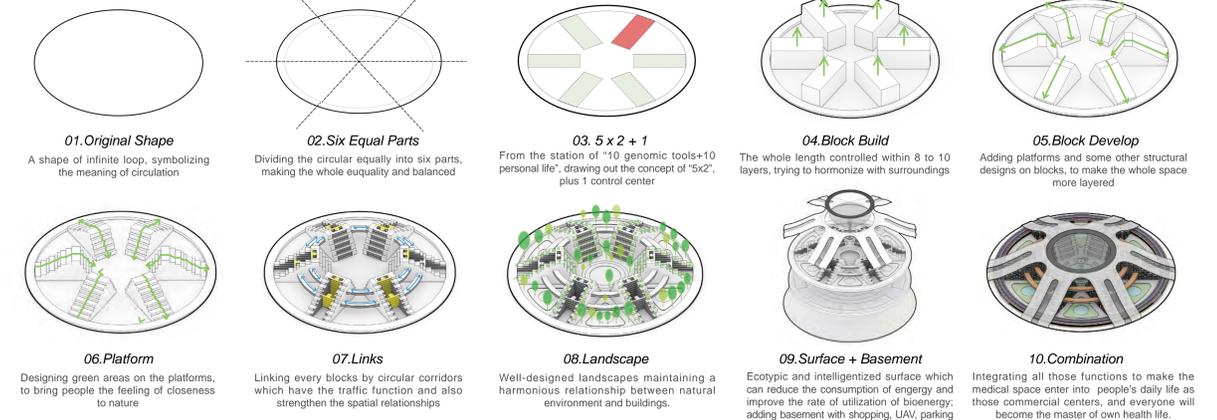
The concept of this design is initially inspired by whole-genome sequencing and analysis diagram of social network data. Through social network data and the whole equipment of whole-genome sequencing, pathogen species, the first virus carrier and the accurate propagation path which forms as a circular capable of connecting diverse data and resource orderly, can be detected. In addition, though circular may have different meanings in different countries, they all are somehow related to the idea of circulation. So we hope the design of the medical platform can perform as a medium linking global resource around the world and circulated continuously.

Beyond the flexible structure and system, multi-functional modules, the energies used in the whole platform are all environmental-friendly, such as solar power, wind, bioenergy, hydropower and geothermal energy. The materials of the platform are all made via biological technology, artificial intelligence and algorithm. Under the premise of sticking to the nature's circulation rules, we expect the whole architecture environment will be like a living organism, be harmony with nature, benefit human beings.

Base Scale



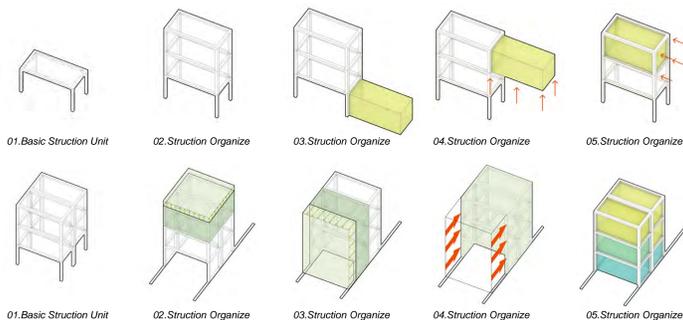
Design Generation



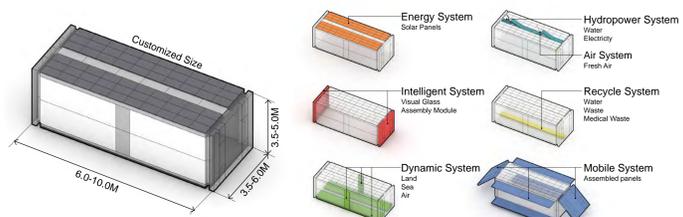
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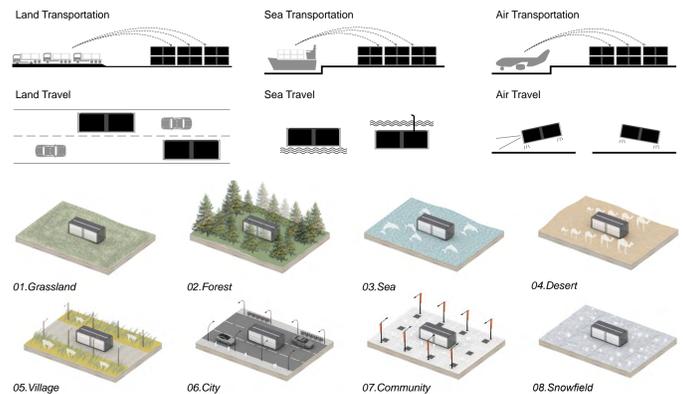
FLEXIBLE DESIGN



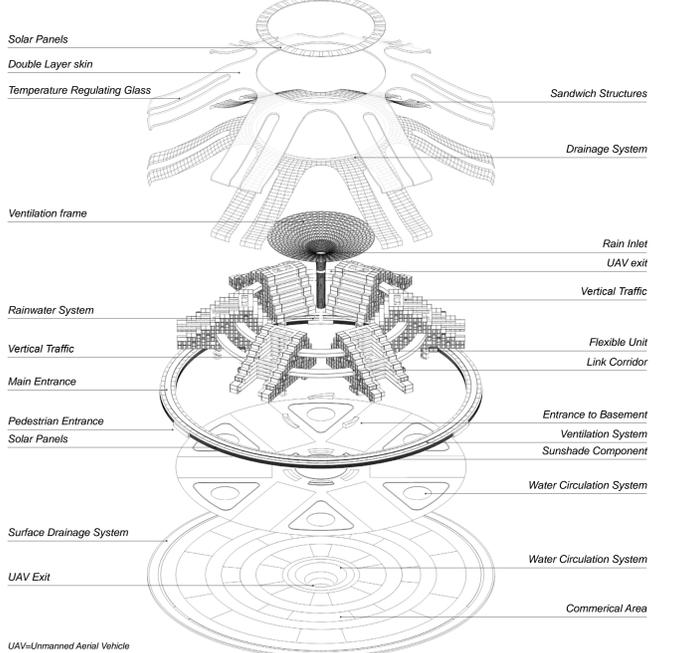
MODULE DESIGN



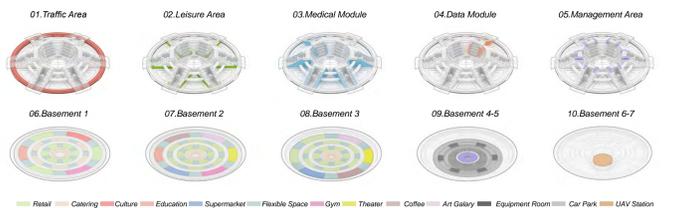
MOBILE UNIT



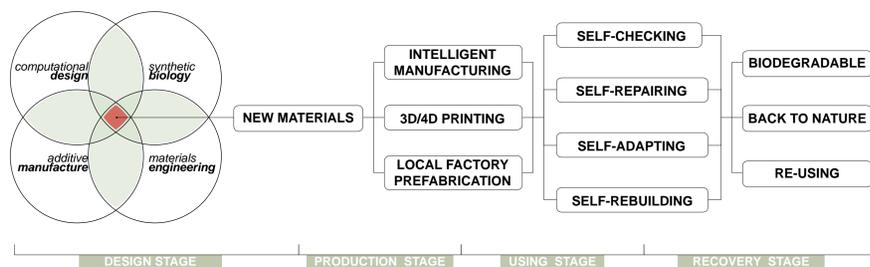
CONSTRUCTION LAYERS



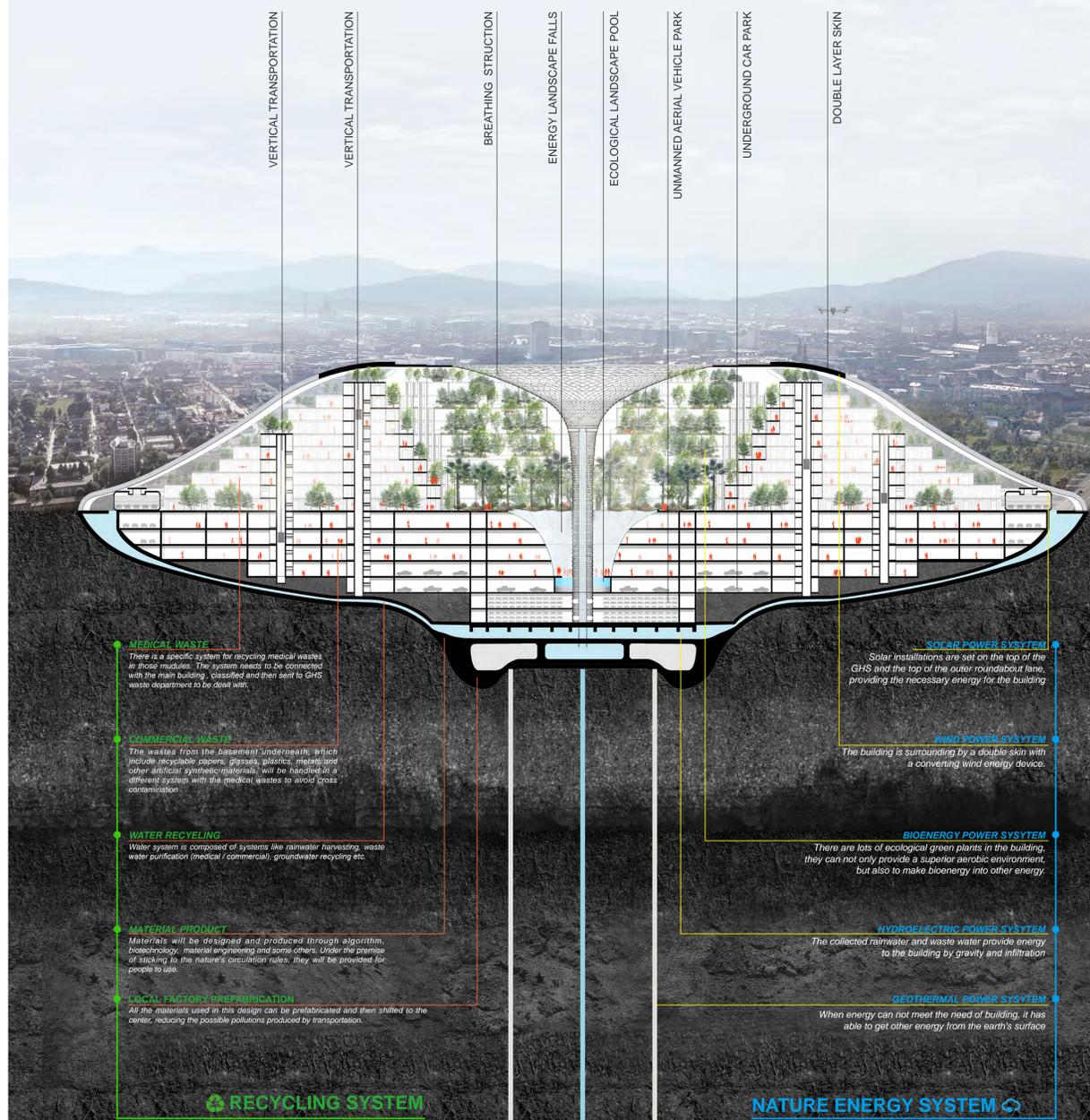
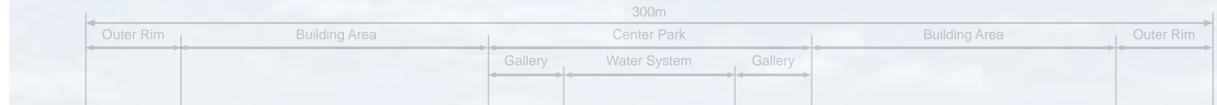
FUNCTION ANALYSIS



MAERTIAL DESIGN



The final frontier of design is to breathe life into products and building around us to form a two-material ecology, one is synthetic, the other organic. We unite these two worldviews to create the material. From now on, it is to a new age of design and creation that takes us from a nature-inspired design to a design-inspired nature.



The whole systems of GHS does not use traditional energy instead of green clean energy, laying the foundation for a sustainable ecological earth in the future with low carbon life. At the same time, it can reduce the energy consumption of medical and commercial buildings, reduce pressure, and improve efficiency for each day.