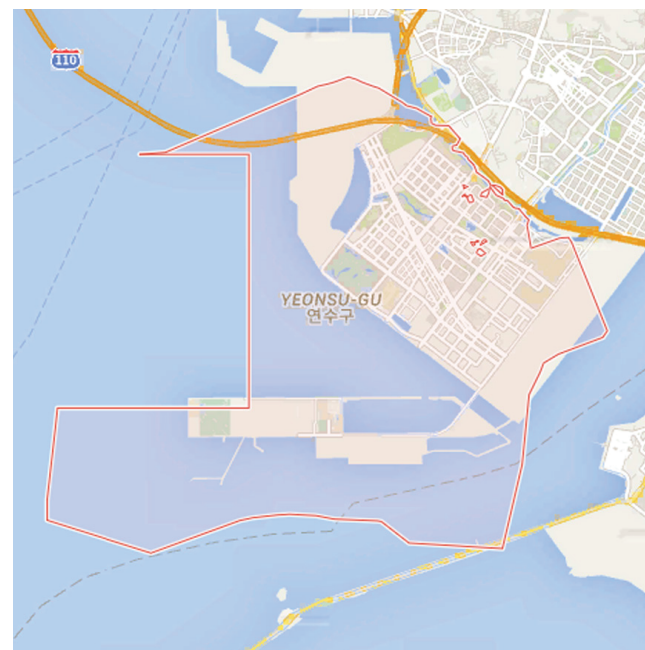
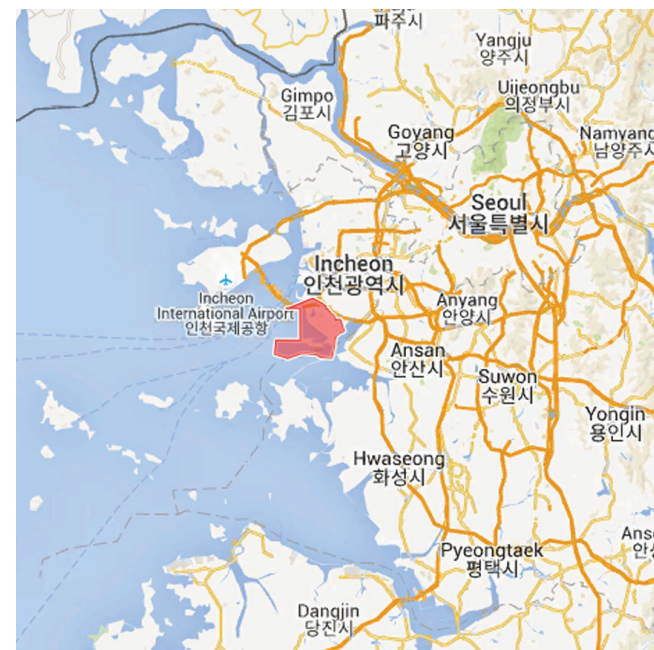
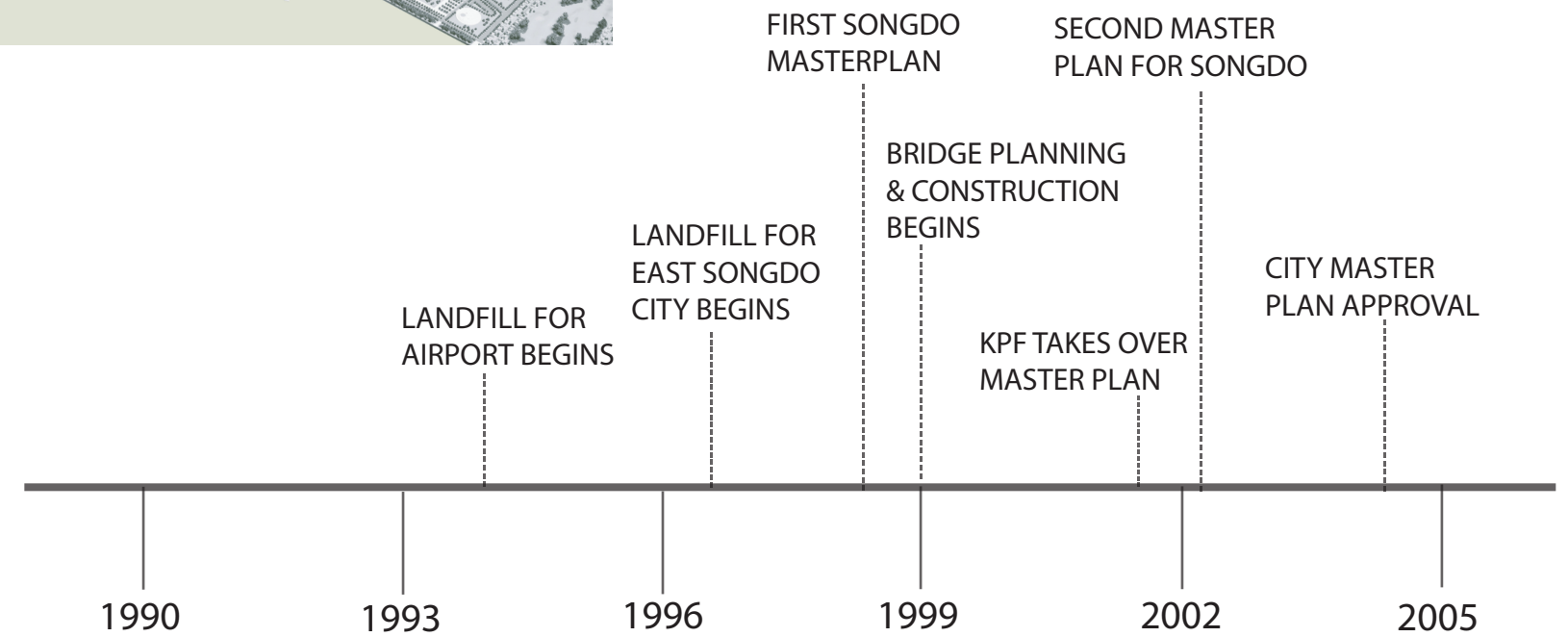
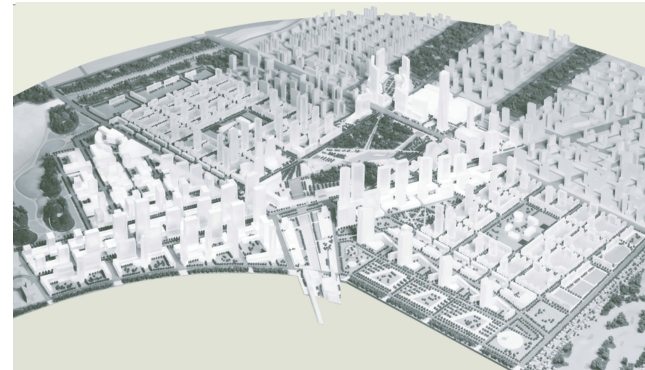


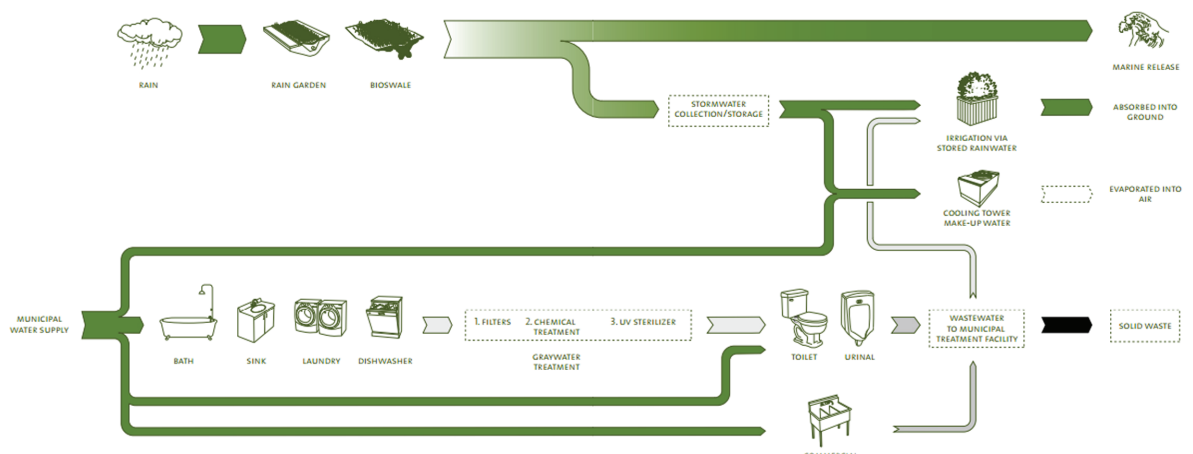
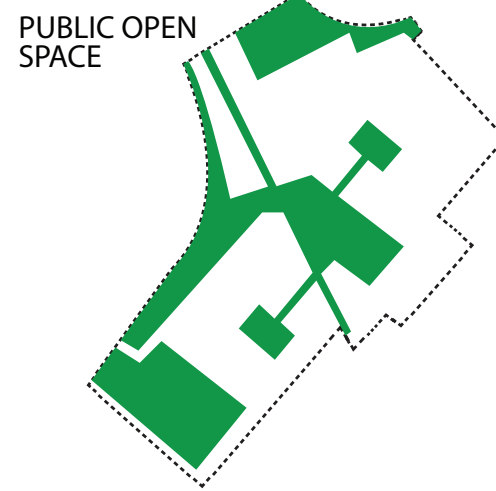
# SONGDO, THE CITY OF THE FUTURE

DUBBED “THE CITY OF THE FUTURE,” THE ARCHITECTURE FIRM KOHN PEDERSEN FOX (KPF) FOCUSED ITS ATTENTION ON CREATING A MASTERPLAN THAT WOULD ALLOW A REDUCTION OF POLLUTION BEFORE BUILDINGS BEGAN TO BE CONSTRUCTED AND CREATING SYNERGY AMONG THE BUILDINGS. THEIR MOST EFFECTIVE MOVE IN THE DESIGN PROCESS WAS DESIGNING THE ENTIRE CITY AS AN ORGANIC COMPOUND AND EVEN COMPARING IT TO THE HUMAN BODY.

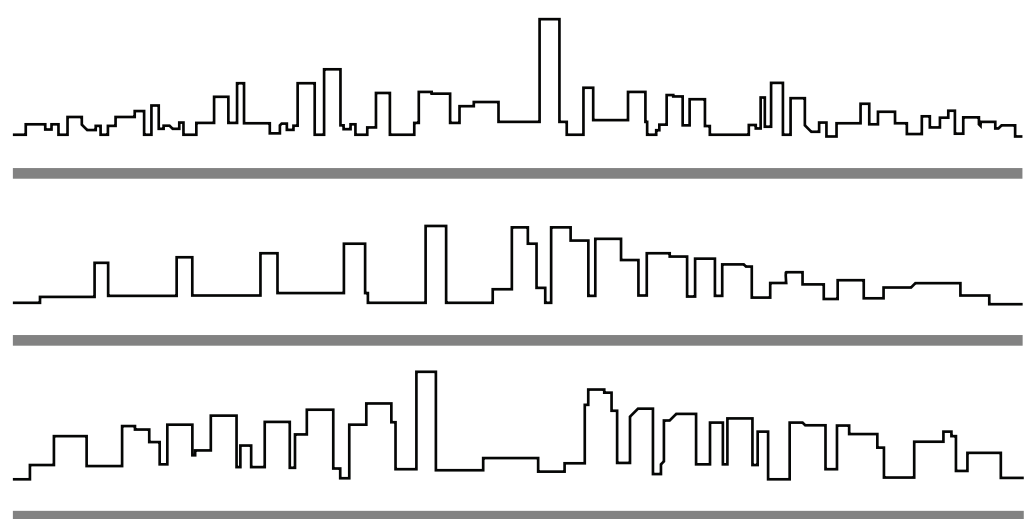
IN COMPARING A CITY TO THE HUMAN BODY, TWO TYPES OF POLLUTION WERE TACKLED BY THE FIRM. THE FIRST TYPE OF POLLUTION IS THE ONE CREATED BY HUMANS SUCH AS GARBAGE, [CO]<sub>2</sub>, ETC. TO DO THIS THE LANDFILL WAS DESIGNED TO ALLOW UNDERGROUND CONNECTIONS BETWEEN BUILDINGS FOR WASTE AND WATER. APART FROM THIS, WATER CANALS WERE ALSO INCORPORATED INTO THE DESIGN TO BE USED AS A SOURCE OF ENERGY AND AS METHOD OF TRANSPORTATION. THE WATER IN THE CANALS IS TAKEN FROM THE YELLOW SEA AND USED FOR COOLING SYSTEMS IN BUILDINGS. AS FOR THE [CO]<sub>2</sub>, THEIR MAIN ATTEMPT TO REDUCE EMISSIONS WAS BY DESIGNING WITH WHAT THEY CALLED A “PEDESTRIAN THRESHOLD,” TO MAXIMIZE THE NUMBER OF PEOPLE WALKING AND BIKING WHILE REDUCING TRAFFIC.

THE SECOND TYPE OF POLLUTION THAT WAS TACKLED WAS THE KIND THAT BAD ARCHITECTURE HAS ON THE PEOPLE THEY HOUSE. TO DO THIS, A LAND USE AGREEMENT WAS MADE TO DEVOTE 40% OF THE LAND AS OPEN SPACE (SUCH AS PUBLIC PARKS) TO CONNECT RESIDENTS TO NATURE. IN ADDITION TO THAT, THE EDUCATION BUILDING IS LOCATED AT THE CENTER OF THE CITY TO REFLECT SOUTH KOREA’S CONFUCIAN VALUES WITH CULTURAL INSTITUTIONS ALONG WATER CANALS AND PARKS.

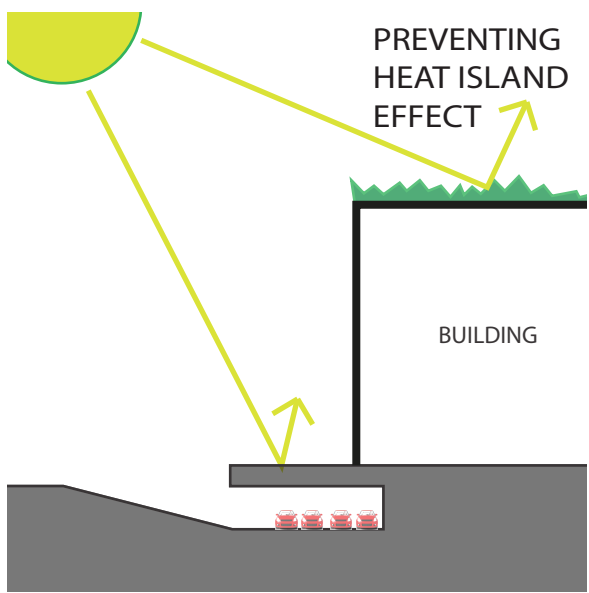
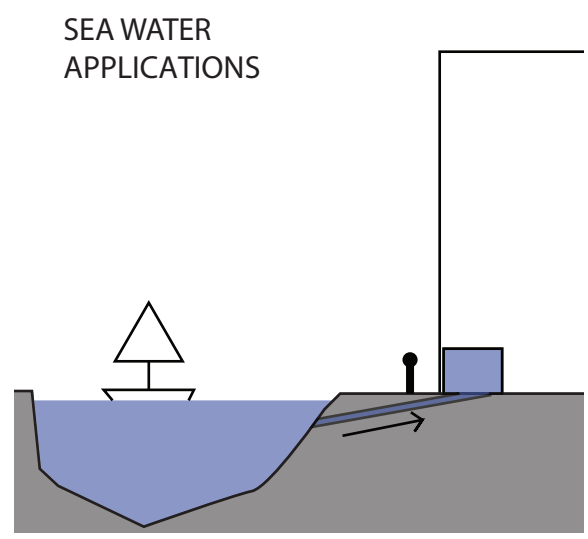
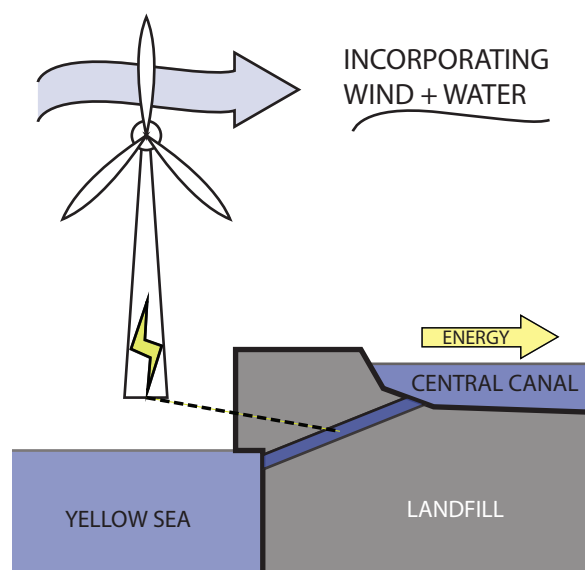
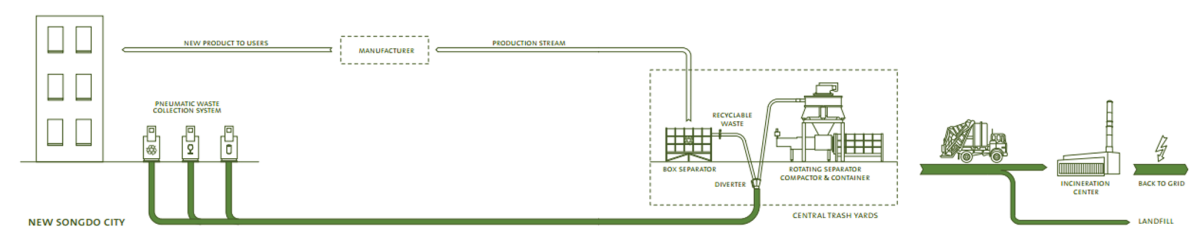
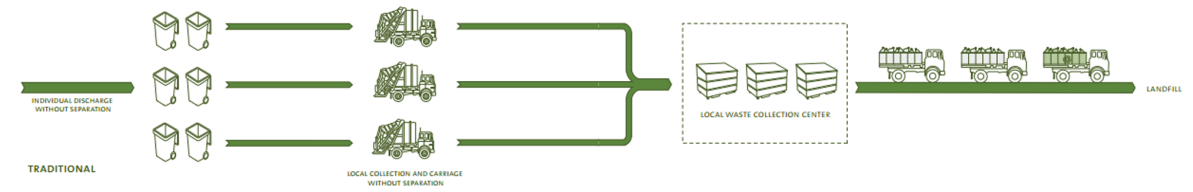
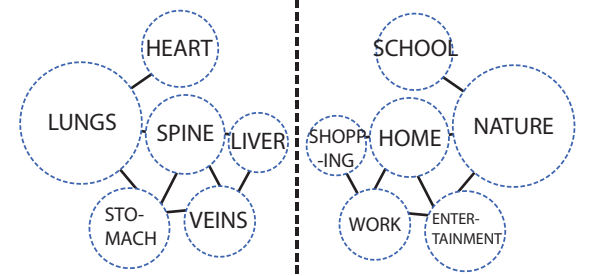




### SKYLINE VARIATIONS



### ORGANIC = BUILT WORLD



TWO OF THE POWERFUL MOVES THAT KOHN PEDERSEN FOX'S (KPF) FIRM ISSUED IN THEIR MASTER PLAN DESIGN WERE:

- I. COLLECTING AND RE-USING FOR PLANT AND BUILDING
- II. REMOVING THE NEED FOR WASTE COLLECTORS

WITH THE FIRST MOVE, THE BUSINESS DISTRICT OF SONGDO IS ABLE TO PRESERVE MORE OF ITS POTABLE WATER AND BECOME MORE DEPENDENT ON RENEWABLE ENERGY.

WITH THEIR SECOND MOVE, KPF IS ABLE TO REDUCE THE AMOUNT OF CARBON EMISSIONS AND TRAFFIC PRODUCED BY GARBAGE TRUCKS. AT THE SAME TIME, THEIR DESIGN ALLOWS A LARGER PORTION OF WASTE TO BE A SOURCE OF ENERGY AND A SMALL PORTION TO BE TAKEN TO LANDFILLS