

Helsinki through the time



- 1) Center or centers ?
- 2) People and music,s ?
- 3) Increasing economic power = Decreasing costs ?
- 3) Fourth industrial Revolution = Removal of material ?

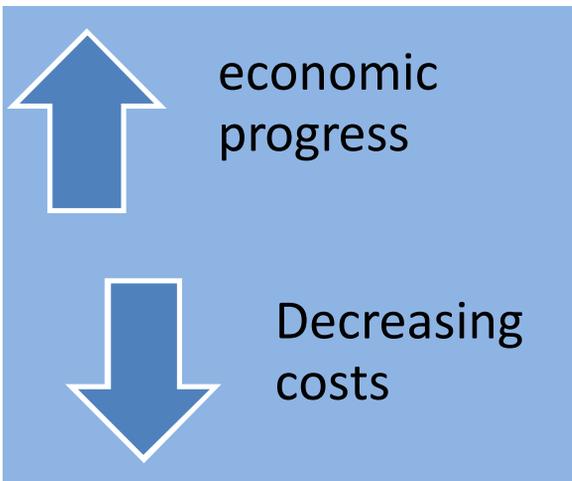
- Abstract
- A movement for globalizing since 2014 toward 2050 and becoming to center for technology , economy and culture ,and also sustainable city ,and fourth industrial Revolution symbol .
- At first it was considered the city design on the basis of distributing the service centers around the city in order to establish social justice as well as job creations for people these centers are substitute for exclusive service centers .Next step is increasing economic power and decreasing costs .For this purpose city lights are controled by kinetic sensors. The light is normal in crowded places and less electricity is consumed in not crowded places . Progressing economics and technology ,fourth industrial Revolution namely removal of material will happen in Helsinki around 2050 , and appropriate substitutes will produce energy in addition to play structural role .



Distributing of service centers in smaller sizes throughout the city .



Coordinating the movement of culture and technology by global communication module.



Decreasing costs and economic progress



Progress and fundamental changes

The progress is not dependent on time .



Distribution of urban services centers

Increasing economic power and urban design

Kinetic sensors in throughout the city

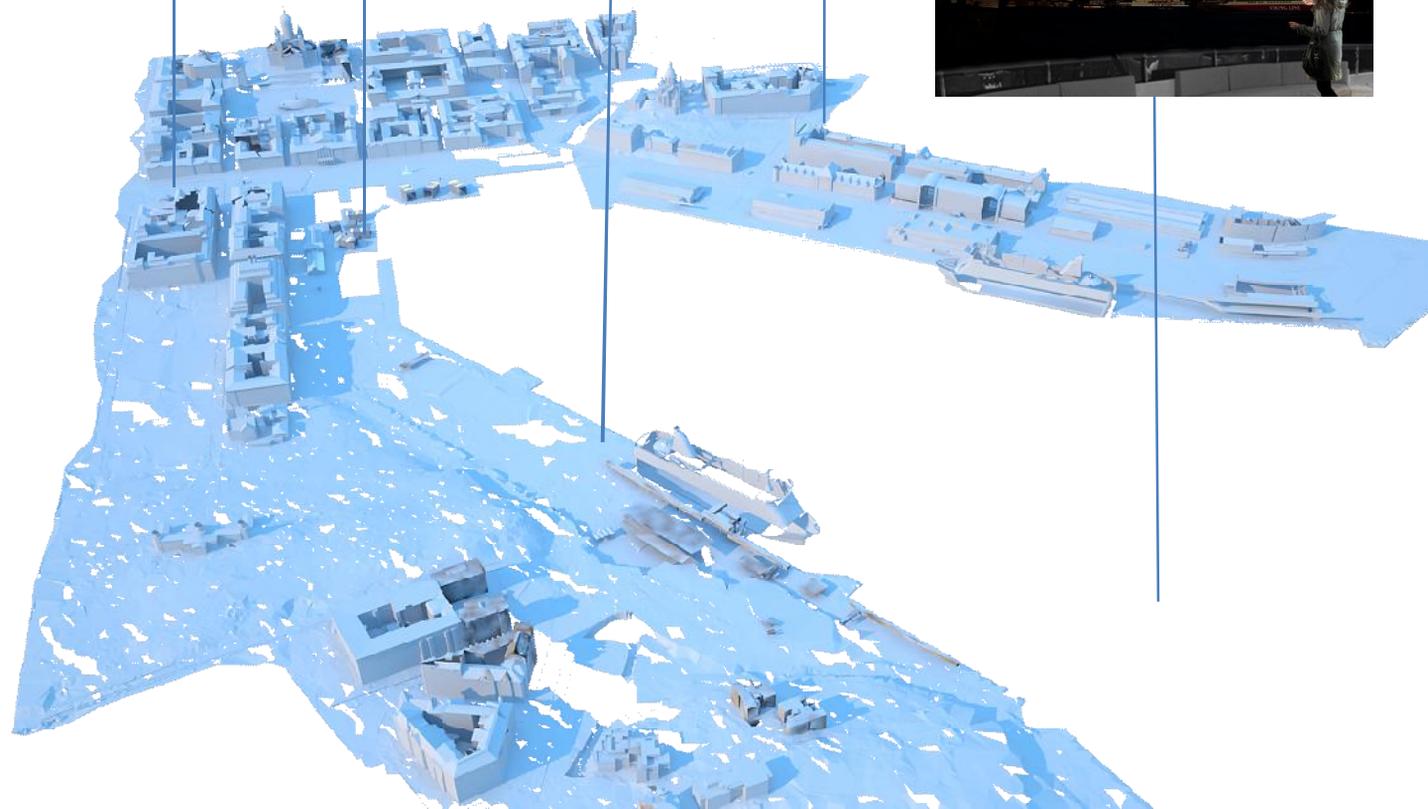
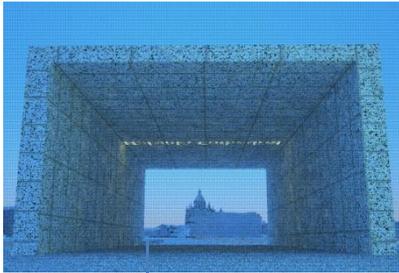
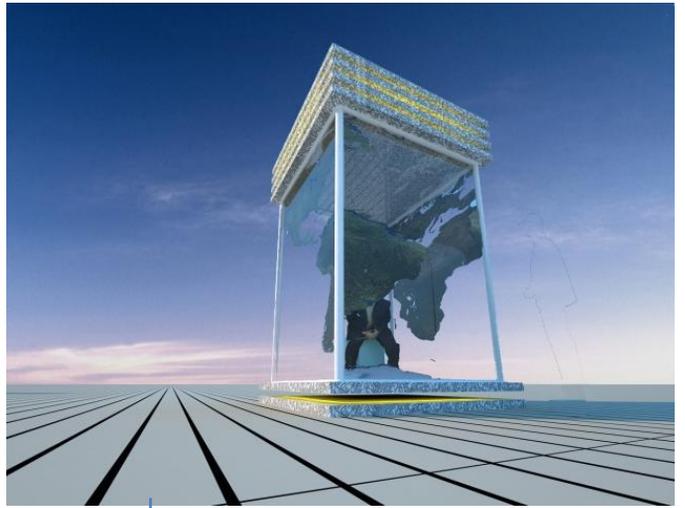
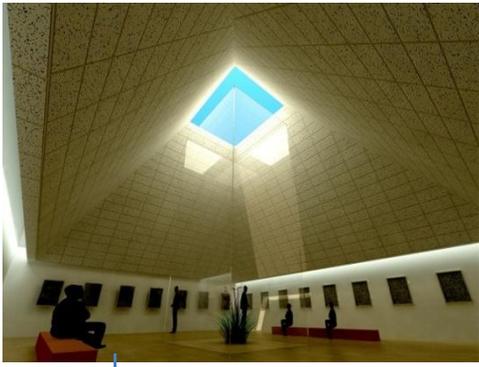
Magnetic structure and efficient energy sources .

• Distribution of urban services centers ,job creating and increasing economic power identically . Urban services can be distributed inside the modules in order to be available for everybody at any time

• Kinetic sensors in throughout the city ,controlling the consumption and decreasing the costs . Kinetic sensors in city cause to control energy consumption and costs will be decreased ,therefore progressing the people economic as well as progressing the city design and solving traffic problems ,the city will move towards fundamental evolution .

• Magnetic structure and efficient energy sources . Fundamental evolution in city means removal of material in building and making magnetic structures .Magnetic structures are made by generators that are easily made and dismantled ,also they are energy resources .

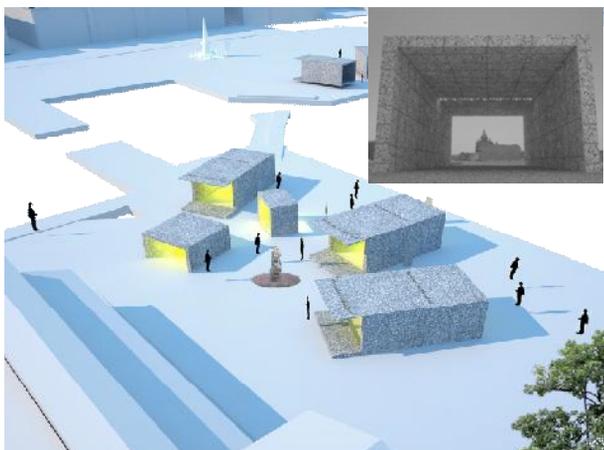
• Increasing economic power and urban design
If urban service centers are distributed throughout the city ,every one will own one restaurant or small mall or global communication center or any other service area this point direct society towards justice ,therefore people economic will grow identically .Also it can be reduced the heavy traffic for providing services and less traffic will be created .



Distribution of urban services centers and urban design



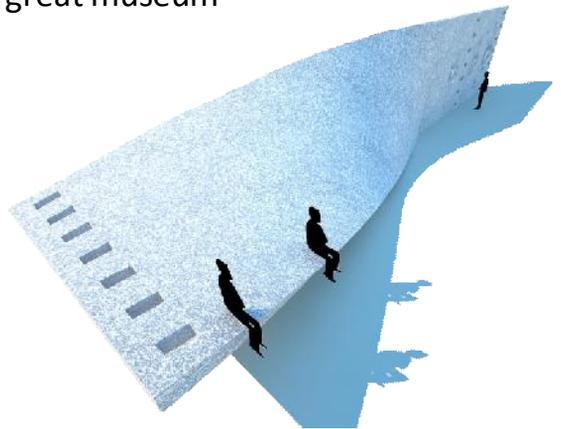
Global communication modules .
These glass modules are spread throughout the city .There is a chair into these modules so that every person can sit on the chair and choosing the intended country ,he will turn toward the glass wall placing that country direction ,and will communicate with intended users in 3D video manner .This new world is willing to get together two users inside these modules .



Frame for the introduction of Historic Places
Ceiling light is reflected on the ground by place name



replace the small gallery of the great museum



a memorial wall
What you write today in the future you see



Magnetic structures

Fourth industrial revolution ----- removal of material ----- magnetic structures

These structures are formed via generators of magnetic field . of course these generators are located in some positions , so that the persons may not be involved in magnetic fields , and they are safe from possible problems . this problem would be solved through the extra generators . for example , in a structure used two generators for creating magnetic fields , these two extra generators make the work to be flexible .

Light and temperature inside these structures are adjuster by smart gases .Those are injected in to the magnetic space and they are not able to exit from magnetic field ;meanwhile those are totally harmless for human body .For instance we consider the suggested structures in south harbor of Helsinki .

Magnetic generators of this structure are installed on buildings wall in both sides of harbor and third generator is placed over the harbor by some balloons controlled by some transmitters and receivers . In addition to mentioned function balloons have another function too and they can be used as a pharos in order to direct the ships ,because there is light inside them .

Beside the harbor ,there are venue for theatre and music into park .

According to a coordinate ,following the running music the balloons containing magnetic generator device move around and we will watch the thrills of magnetic field .Thess balloons are directed on the basis of coordinates x,y and z by control center.



