

The delegates visited the architectural firm Water Studio which specializes in the design of floating building, landscape, and urban planning solutions with floating components. Apart from the local developments, they have also worked on several floating projects in China, United Arab Emirate, and the Maldives. Architect Ms Ankie Stam Sahared the company's concepts on the possibilities of constructing flexible land on qualitative rities. This concepts on the possibilities of constructing flexible land on qualitative rities. This concepts on the possibilities of constructing flexible land on qualitative rities. This concepts on the possibilities of constructions building deap which has the limitation on any dynamic change and equiring construction and demolition of buildings whenever there is changing demand of Jand. Ms Stam went on further to elaborate their prediction on the top ten trends regarding to the use of floating city. Major points include:

March 30 PM

1300 - 1400 hr

1400 fir

1) scarless development - a constructed city can be removed easily to meet the need of the future generations; 2) flood and hurricane resilient city due to its floatting nature; 3) instant green solution - allows integration of green landscape insolution allows integration of green landscape insolution allows integration of green landscape insolution allows the property of the land has been solved in the land







Application of living with in Hong Kong

In Hong Kong, the most popular use of floating house is found in the Aberdeen Floating Village which consist of approximately 600 junks to accommodate the residents who are mostly fishermen. Living on water in Hong Kong is a tradition inherited from its history, rather than a solution to future development. Nevertheless, as an archipelago city Hong Kong has the potential to adopt the floating technology to a wider extent.



Advantage of extending the city into the aquatic territories Energy efficient solution Building on water opens for
the possibility of upons for
the possibility of upons for
the possibility of upons for
the sea water as a temperature
controller with less energy input
on air conditioning system. One
of the most typical examples is
the Floating Mosque in Dubai
that has been designed by
Waterstudio, the wall panels
and columns of the mosque are
both designed to have water



Mosque in Dubal with water flowing in http://www.sustendsol/propers/20 | Improvement on variety of land use.

As a commercial city, land scarcity is the most critical problem in Hong Kong. The land use is mostly focused on commercial and residential by other like the shifting of problem in Hong Kong. The land use is mostly focused on commercial and residential by other like the shifting of which was commic activities and the high demand of living houses. With relocate the constructed houses the use of floating buildings, or infrastructure on water more recreational facilities which have a lower relocate the constructed houses without significant demolition, such as green parks and sport facilities which have a lower for the urban fabric that land economic turnover but vitally important for both the health and social aspects of the citizens can be brought into the metal of the course in Maddrew designed by David Keuning, 2010) the architect Waterstudio, can be



Challenges on application of floating technology in Hong Kong Despite of the advantages in terms of energy sustainability and flexibility in city planning, there are several obstacles which limit the use of floating technology in Hong Kong, Firstly, adapting floating houses come with higher initial cost as it is a relatively new idea and has not been moved into

mass production yet. Secondly, floating house involves private ownership of aqualte territories which can be controversies which can be controversies which can be controversies to the controversies of the controversies