

冠軍 / 最具創意大獎 / 「市區重建局社區及可持續發展大獎」：

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Team 25 (3D Model 3D模型)

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500 字以內的作品描述（中或英）表述參賽作品如何呈現心目中的理想社區，及如何以設計概念表達測量師的工作。

Wan Chai is a metropolitan area situated at the western part of the Wan Chai District in Hong Kong. In the model, we had done some changes in the community to boost the development in socio-economic, environmental and conservation aspects.

For socio-economic aspect, we redeveloped King Shing Street into an outdoor food court (食街) and culture street (文化街) It may boost the economy and provide job opportunities. More facilities are added into the Jockey Club Park for relaxing. Also, lamp posts on the streets provide wifi for tourists to can get better access to the Internet. Electrical smart bins are added, they can compress rubbish which provide more space for littering.

For environmental aspect, solar panels and wind turbines are installed on the buildings, renewable energy can reduce the greenhouse gases which sooth the air pollution problem. A bicycle berth is also installed in the park to encourage the locals to travel by bicycle, this reduce the emission of greenhouse gases.

For conservation aspect, we preserved the blue house by developing culture street. Moreover, Hotel Indigo Hong Kong Island is redeveloped into a heritage museum, visitors can know more about the history about Wanchai and the special features.

On the other hand, the development of Wan Chai in our model had demonstrated the elements of surveyors' scope of work.

Firstly, planning and development surveyors are responsible for town planning of public and private sectors. Before the construction, they have to do a lot of research on the feasibility of the development. Wan Chai is a district with mixed land use, the surveyors have to formulate planning, lands, housings, environmental and other development strategies, to have a better community planning. They provide support for application on new development projects. For example, there is an open space provided for artists to perform. The surveyors have to propose strategies to submit planning applications, review and appeal.

Secondly, general practice surveyors are responsible for assisting in land resumption, bargaining and compensation on buying back the ownership of properties. Wan Chai is the busiest commercial areas in Hong Kong with offices of many small and medium-sized companies, the surveyors can enhance the value of the asset.

Thirdly, land surveyors are responsible for mapping and cartography. They need to establish the map before doing urban renewal. They also have to do

photogrammetry and remote sensing such as taking satellite or aerial images of the area for urban renewal. The photos can help surveyors from other departments to work efficiently with more details.

In the urban redevelopment project, these three types of surveyors will do their job in different stages of the redevelopment. Firstly, planning and development surveyors will predict the feasibility of the development. Secondly, general practice surveyors will calculate the profit and loss of the clients. Thirdly, land surveyors will carry out mapping and cartography details for construction workers. There are also other surveyors that are involved in the redevelopment, they are closely related and are important for the project.