

**Submission from Chartered Institution of Civil Engineering Surveyors
(Hong Kong Region) - ICES(HK)**

ICES (HK) supports the Government's proposal on the development of land supply strategy to build up land reserve and meet long-term demand through reclamation of the five potential sites and artificial islands in central waters as well as the three pilot schemes of Rock Cavern Development (RCD). Although much controversy were raised during Stage 1 of the Public Engagement, our view is that the development helps counter cross-boundary disposal and carbon emission during the delivery process which is a result of the construction surplus produced every day. Furthermore, the proposed development will be able to improve the current per capita living space in Hong Kong. Compared with 300 square feet per capita in Singapore, 354 square feet in the Mainland urban areas and 399 square feet in the Mainland rural areas, the per capita living space in Hong Kong is merely 150 square feet. The proposed development will be able to create more land for residential development, thus increase per capita living space, enable the Government to regain control of supply and may also help control property prices in Hong Kong.

In view of the Stage 1 outcomes, the ICES(HK) have the following recommendations:-

- The need for sustainable use of surplus public fill and contaminated sediment from construction activities.
- The need to adopt Confined Disposal Facility for local reclamation such as Artificial Island.
- Reclamation to connect island and upon shorelines should be considered.
- Further feasibility studies on environmental impact arising from reclamation and site selection criteria are required.
- Adoption of innovative reclamation designs and limiting encroachment upon natural shorelines to maintain the marine habitat.
- Strategic environmental mitigation measures should be taken.

We support a long-term sustainable development of land supply strategy by reclamation and rock cavern development to reach the ultimate goal of improving the per capita living space in the long run for the next generation.