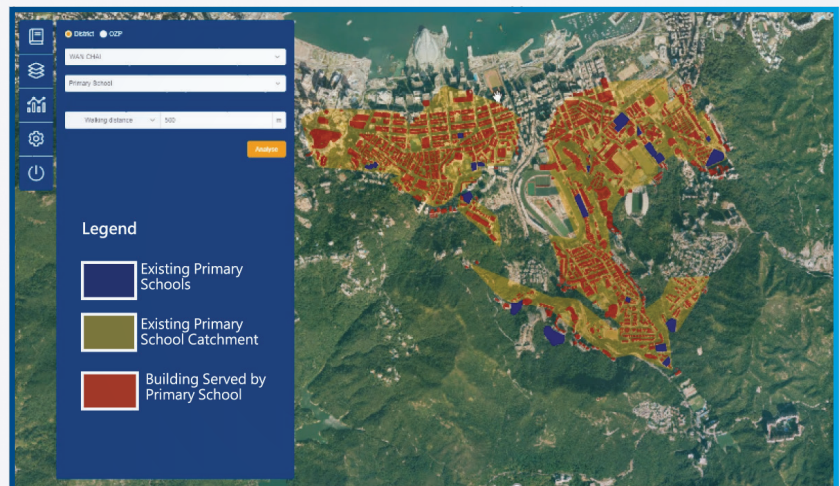


Smart Planning Initiatives 智慧新思

Common Spatial Data Infrastructure – Built Environment Application Platform 空間數據共享平台 – 建設環境應用平台

The Government is committed to develop the Common Spatial Data Infrastructure (CSDI) to provide bureaux/departments (B/Ds) as well as public and private organisations with a digital infrastructure to facilitate sharing of spatial data to support smart city applications. To tie in with the CSDI initiative, the “Development of a Common Spatial Data Infrastructure – Built Environment Application Platform (BEAP) – Feasibility Study” has explored the establishment of the BEAP and recommended potential built-environment applications, focusing on ‘planning and land use’, ‘infrastructure and engineering’ and ‘landscape, environment and conservation’ aspects, with test cases to demonstrate the feasibility of implementation to facilitate Government B/Ds’ work. Upon implementation, the BEAP will help foster co-operation, collaboration and co-creation among Government bodies and among business sectors, academia and the public, to enhance efficiency and transparency for decision making in planning and development, thereby supporting Hong Kong to develop as a smart city.



政府致力建構空間數據共享平台，為決策局／部門，以至公營和私營機構提供數碼基建，方便各方分享空間數據，從而支援智慧城市的應用發展。為配合開發空間數據共享平台的工作，「空間數據共享平台 – 建設環境應用平台 – 可行性研究」探討了設立建設環境應用平台的可行性，並提出可能開發的建設環境應用程式。該些程式的主題環繞「規劃和土地使用」、「基礎設施和工程」及「景觀、環境和保育」三方面。該研究以實例進行測試，證明建設環境應用平台切實可行，能推動政府決策局／部門的工作。推行建設環境應用平台可促進政府部門之間，以至更廣大層面的業界、學術界和公眾之間的合作、協作和共創，提高在規劃和發展方面的決策效率和透明度，從而支援香港的智慧城市發展。

Gist of Adjudicators’ Comments:

- Through the application of latest technologies, the system provides a consolidated platform that integrates various spatial data in the built environment. It would be an invaluable tool for Government, academics, business sector and professional practitioners in sharing data, conducting data analysis, model building and feasibility assessment, thus helping to formulate plans for a smarter, greener and more resilient city.
- The open data in the platform would foster public participation and community planning in Hong Kong by providing a useful resource centre for NGOs and the general public. Further prototype applications could be developed by Government and the public through cooperation, collaboration and co-creation.
- Overall presentation is clear and concise while graphical illustrations are impressive.

評審意見撮要：

- 通過應用最新技術，該系統提供了一個綜合平台，統一整合建設環境中的各種空間數據。對政府、學術界、企業界和專業從業人員而言，這會是一個進行數據共享、資訊分析、模型建造和可行性評估的寶貴工具，從而幫助構建一個更智慧，綠色及具抗禦力的城市。
- 該平台的開放數據為非政府組織和公眾提供了一個有用的資料庫，促進香港的公眾參與和社區規劃發展。政府和公眾亦可以通過共同合作、協作和創造的方式，開發更多原型應用程式。
- 整體表達清晰簡潔，圖像設計令人讚賞。