WORLD GREEN ORGANISATION

社會創新發明
綠活智城設計大賽
2016-17

Social Innovation Inventor
Competition for Innovative Design

LOVE X CREATIVE

過往比賽 Past Competitions

Objectives

1) 引發年輕一代關注社會和環境議題;
2) 推動學生發揮創意，同時體現關愛精神。
1) Motivate the younger generation to be concerned about social and environmental issues
2) Encourage students to be creative and gain a chance to care for other people of the society

2013/14

2014/15

2015/16

比賽內容
About the Competition

2016/17

智慧城市的趨勢
Smart City Trend

WORLD GREEN ORGANISATION

政府於2016年2月開展研究，
探討發展九龍東為智慧城市區的可行性

HKGOV commissioned a consultancy study in February 2016 to explore the feasibility of developing Kowloon East into a Smart City district.

Smart 智慧 KE 九龍東 城市 CITY

愛 X 創

LOVE X CREATIVE

智慧城市的趨勢
Smart City Trend

WORLD GREEN ORGANISATION

香港01 職場創業 / 主頁 新聞 特首選舉2017

智慧城市為城中裝置添「秘密任務」 醒目科技助人避紅燈、免兜路

撰文：王淑君 發佈日期：2017-01-23 21:57 最後更新日期：2017-01-24 03:05

標籤： StartmeupHK + 智慧城市 + 大數據 +

讚好 分享 5

睇電子地圖反而兜錯路？半路發現大塞車？其他車亂泊令人「無處容身」？就快行到巴士站才發現車剛走了？

這些今日會遇到的倒霉事，明日可能就不再出現！事關科技能「醒目」、簡單地解決以上問題：電子地圖「再進化」，懂得帶你穿越高樓尋找最佳路線；智能駕駛系統在出發前已能提供實時交通狀況，到達後更會輔助駕駛者泊車；手機的流動程式預知巴士到站時間，令你更易安排行程。是不是聽聽也覺得方便？這不是痴人說夢，因為不少城市早已利用創新科技實踐了以上的事情，令過往令人困擾的事情將成歷史。

要聞港聞 2017年01月23日 連智慧城市紓交通擠塞

建智慧城市紓交通擠塞

讚 5 7,051

AA

■八文樓是用盡地積比的舊樓之一。

【本報訊】為令重建更具效益，市建局行政總監韋志成「大膽」提出以往參用於保育項目上的轉移或儲存地積比方法來重建舊樓，並以智慧城市模式來減低加密帶來的負面影響，他又暗批市建局以往重建模式，如早前土瓜灣以小社區式重建，稱若是他主導會研究拆卸東九龍走廊來改善環境，「呢個先係真真正正市區更新」。

智慧城市的趨勢
Smart City Trend

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2017施政報告內容 Policy Address

LOVE X CREATIVE

「智慧城市」的特徵、功能和目標
Features, Functions & Goals of a Smart City

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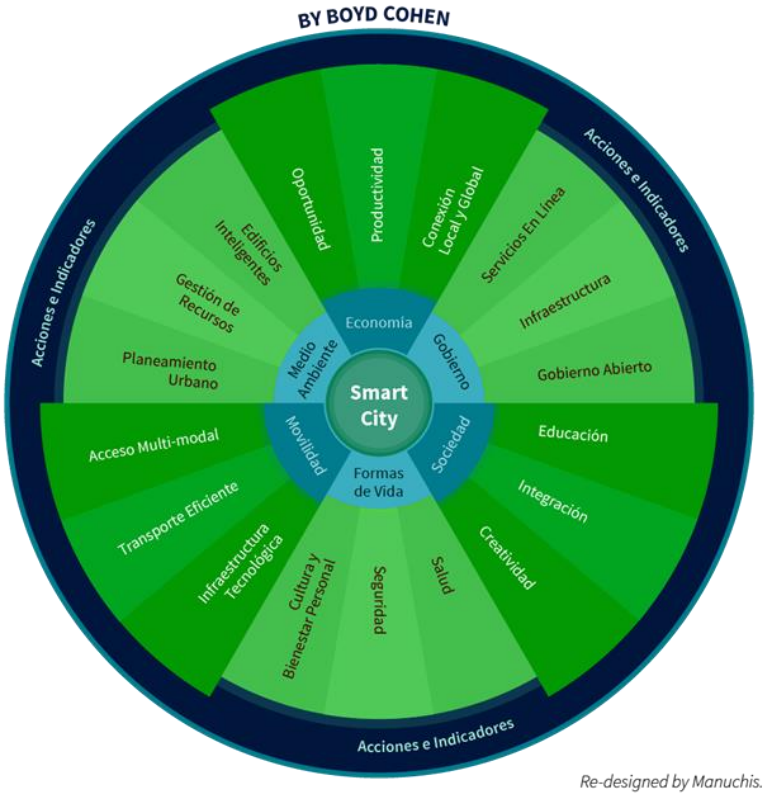
- 智慧城市輪 - 學者布特高漢, 2012
  Smart City Wheel – Boyd Cohen, an urban strategist, 2012



Re-designed by Manuchis.

- 智慧經濟 Smart Economy
- 智慧環境 Smart Environment
- 智慧流動 Smart Mobility
- 智慧市民 Smart People
- 智慧生活 Smart Living
- 智慧政府 Smart Government

參考資料:https://www.smartcity.gov.hk/themes?lang=zh_TW

LOVE X CREATIVE

比賽目的
Aim

- 引發年輕一代關注社會和環境議題
- 鼓勵學生發揮創意，透過設計去提升生活質素，並幫助市民認識適步城市，共同實踐環保健康的低碳生活
- 讓學生了解智慧城市的發展
- Motivate the younger generation to be concerned about social and environmental issues
- Encourage students to increase people's living standard with creative designs, spread the concept of 'walkable city' and achieve a healthy and low-carbon lifestyle
- Allow students to learn about smart city development

LOVE X CREATIVE

參賽資格
Qualifications for Participation

中學生及毅進/基礎文憑組
(包括中 1 至中 6 及毅進或基礎文憑同學)

- 歡迎全港中學生、毅進/基礎文憑學生組隊參加
- 每隊成員為2-3人
- 隊員可來自同一所學校或不同學校
- 同一中學可派多隊參賽，不設參賽隊伍上限
- **報名費用全免**

Secondary School / Yi Jin / Foundation diploma Group

- All students from local secondary schools, Yi Jin and foundation diploma students are welcome to participate
- Each team can consist of 2-3 students
- Team members can come from the same or different schools
- There is no limit on the number of teams from the same school joining the competition
- **The competition is free of charge**

參賽資格
Qualifications for Participation

WORLD GREEN ORGANISATION

大專生組

- 歡迎全港全日制大專學生組隊參加
- 每隊成員為2-3人
- 隊員可以來自同一所大專院校或不同院校
- 同一院校可有多隊參賽，不設參賽隊伍上限
- **報名費用全免**

Tertiary Education Group

- All full-time students from local tertiary education institutions are welcome to participate
- Each team can consist of 2-3 students
- Team members can come from the same or different institutions and faculties
- There is no limit on the number of teams from the same institution joining the competition
- **The competition is free of charge**

大專組設計要求
Design Requirements for Tertiary Education Group

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- 設計一個適合不同年齡層和界別需要的智慧社區，包括樓宇、運輸系統、休閒設施、公共設施等，並需要考慮其空間運用及規劃，建議設計亦可加入其他可行元素。
- Design a smart community that accommodates the needs of different age groups and people from varied sectors. The design includes buildings, transport system, recreational area planning and public facilities etc. and needs to take space usage and planning into consideration.

智慧社區
Smart Community

WORLD GREEN ORGANISATION

- 智慧社區應以提升市民生活質素及低碳發展為目標
- 設計社區為一個鄰近海邊的填海用地
- 社區面積約為2-3平方公里
- 社區人口密度約為40,000每平方公里
- Smart Community aims at enhancing people's living standard and encouraging low-carbon urban development
- The community is on a reclamation ground along the shoreline
- Community area: 2 – 3 km2
- Population density in the area: Around 40,000 persons per square kilometer

設計需考慮及具備以下條件
Criteria to be considered

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- 社區規劃須考慮到智慧城市的其中兩項特徵和功能，包括智慧環境及智慧流動
- 設計及設施亦須包含環保及藝術的元素及概念
- 加入能提升能源使用效率的設計，減低社區整體的碳足印，促進社區長遠的可持續發展
- 設計顧及不同年齡層的需要，幫助長者融入社區
- Include 2 of the 6 features and functions of a smart city – smart environment and smart mobility – in the design of community.
- Age-friendly designs and facilitate the inclusion of older persons
- Design and facilities with environmental and artistic elements and concepts
- Include designs that can enhance energy efficiency, reduce overall carbon footprint and promote sustainable development of the community in the long-term

設計需考慮及具備以下條件
Criteria to be considered

- 道路或設施設計能鼓勵及方便市民步行，實踐適步城市
- 設計可加入其他可行元素如：樓宇分布、創新設施、數據探測等
- Design of streets and facilities can encourage people to walk more and support walkability in the community
- The design can also include other possible elements such as building distribution, innovative facilities, data collection etc.

中學生及毅進/基礎文憑組設計要求

Design Requirements for Secondary School/Yi Jin/Foundation diploma Group

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- 為智慧城市設計一條綠色海濱長廊
- Design a green waterfront promenade for the smart city.

綠色海濱長廊
Green Waterfront Promenade

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- 海濱長廊的長度約為1公里
- 在長廊適當位置有足夠出入口，方便市民進出
- 讓廣大市民能舒適地使用，包括長者、小孩及其他有需要人士
- Around 1-km long Promenade
- Sufficient entrances along the Promenade for high accessibility
- Suitable for people from all walks of life, including senior citizens, children and people with special needs

設計需考慮及具備以下條件
Criteria to be considered

WORLD GREEN ORGANISATION

- 設計及設施須包含環保及藝術元素概念
- 設計能提供鼓勵市民步行的元素
- 提供空間予市民進行不同類型的休閒活動
- 海濱長廊可包含不同設施如：休憩草坪、多用途空間、慢步跑道、綠化地帶、兒童遊樂場等
- Design and facilities with environmental and artistic elements and concepts
- Encourage and support the act of walking in the area
- Enough space for people to carry out various recreational activities
- Possible facilities to be included in the Promenade : amenity lawn, multi-purpose area, jogging path, green zone, children’s play area

設計需考慮及具備以下條件
Criteria to be considered

- 海濱長廊其中一個入口鄰近車站
- 建議設計亦可加入其他可行元素如：其他適合的特色設施、燈光及日光運用、電力運用、建築材料運用、綠色建築設計及長者友善設計等
- One of the entrances of the promenade located in the vicinity of a MTR station
- Possible elements to be considered for the design: other suitable facilities, lighting design, power usage, construction materials , green building concepts and elderly-friendly design etc.

評審要求
Judging Standards

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中學生組
- 創意概念
- 空間運用
- 設備安排
- 藝術意念
- 環保效益
- 成本效益
- 應用功能
- 可行性

大專生組
- 創意概念
- 能源效益
- 空間運用
- 設備安排
- 功能運用
- 環保效益
- 成本效益
- 應用功能
- 可持續性
- 可行性

Secondary School Group
- Creative Concept
- Space usage
- Venue setting
- Art concept
- Environmental effectiveness
- Cost effectiveness
- Applicable function
- Feasibility

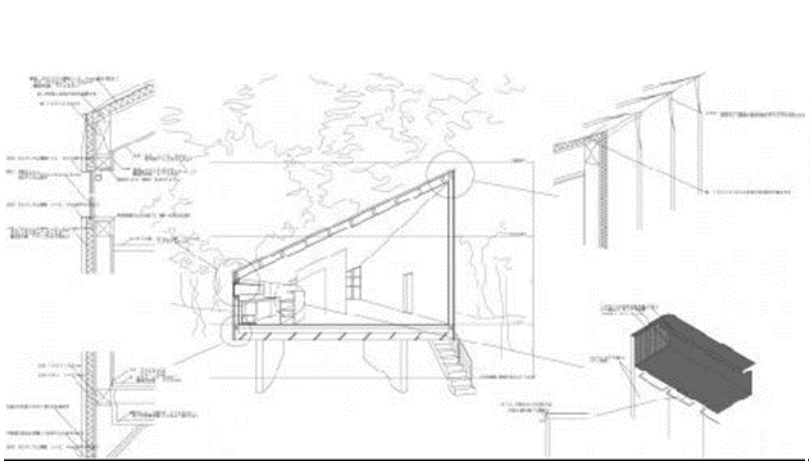
Tertiary Education Group
- Creative Concept
- Energy efficiency
- Space Usage
- Venue setting
- Functionality
- Environmental effectiveness
- Cost effectiveness
- Applicable function
- Sustainability
- Feasibility

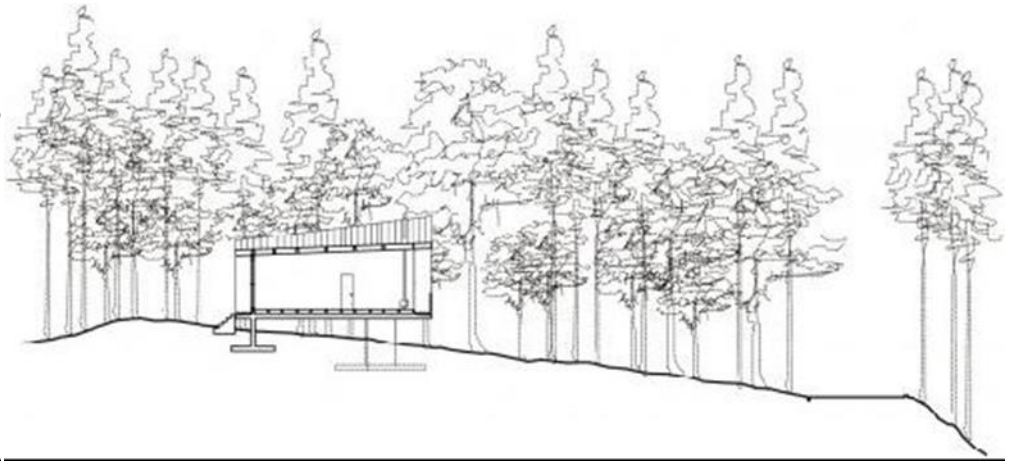
比賽程序
Procedures

- 有興趣參加者，可自行組隊於世界綠色組織網頁內的「社會創新發明—綠活智城設計比賽」網上報名版面填妥報名表格，連同每位隊員的學生證副本一併提交。年齡未滿18歲的參賽隊伍成員，需另行提交由監護人或學校老師簽署的「參賽者聲明」。
- Interested parties can join the competition by completing the application form available on the webpage for “Social Innovation Inventor – Competition for Innovative Design”, on the World Green Organisation (WGO) homepage. Please send your application with a copy of the student ID card for each team member. Applicants under the age of 18 are required to submit the “Declaration of Participation” form signed by a guardian or a school teacher.

比賽程序
Procedures

- 合資格參賽隊伍可根據簡介會所提供的指引，構思設計，並於 2017 年 3 月 24 日下午 6:00 前，提交一份以 PDF 格式存檔的「參賽作品概念圖簡介」，連同「參賽隊伍證件」，電郵至 inventor@thewgo.org。所提交的概念圖簡介需以中文或英文設計介紹（於 500 字內）。
- Teams are required to elaborate on the design in either Chinese or English (less than 500 words).





比賽程序
Procedures

- 評審團將為兩個參賽組別選出各 10 隊進入決賽。主辦單位將會安排舉行一系列工作坊，以幫助大家完善其設計及構思。
- 10 teams from each group will be selected as finalists for the final round of the competition. A variety of free workshops will be held to help the participants to further improve their designs and innovative concepts.

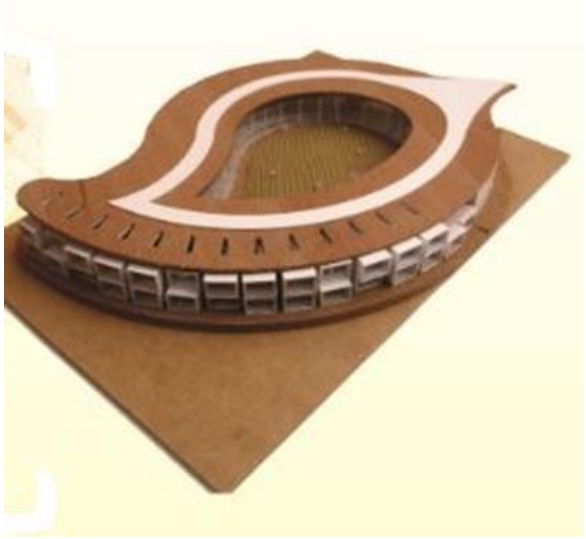


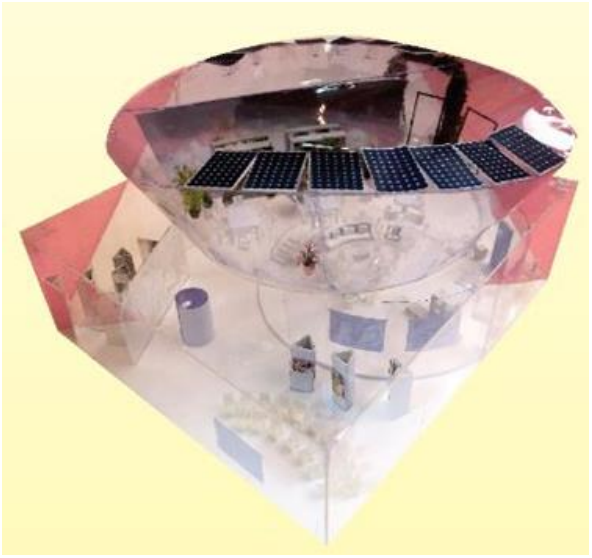




比賽程序
Procedures

- 入圍隊伍必需於 2017 年 5 月 19 日或之前遞交最終設計方案。
- Finalists are required to submit their final design proposals on or before 19 May 2017.





比賽程序
Procedures

- 評審團將於 2017 年 5 月下旬的參賽隊伍作品簡報會內，選出各組的冠軍、亞軍、季軍及優異獎。
- 得獎隊伍將被邀請出席於 2017 年 6 月舉行之頒獎典禮。
- 得獎作品將於指定港鐵站「港鐵藝術之旅」展出。
- Final judging will take place in late May 2017. The Champion, the First Runner-up, the Second Runner-up and Merit Awards of each group will be selected.
- Winning teams will be awarded with prizes in a ceremony in June 2017.
- Award winning designs will be exhibited in MTR stations.

星級評審
Core Judging Panel

- 高黃美芸女士, 高錕慈善基金董事局主席
  Mrs. Gwen Kao, Chairman, The Charles K. Kao Foundation for Alzheimer's Disease
- 蘇家碧女士, 港鐵公司公司事務總監
  Ms. Linda So, Corporate Affairs Director, MTR Corporation
- 容蔡美碧女士, 和富社會企業香港共享價值顧問
  Mrs. Rebecca Choy-Yung, Advisor of Hong Kong Shared Good Values, Wofoo Social Enterprises
- 王安華先生, 起動九龍東辦事處高級地方營造經理(設計)
  Mr. Edward Wong, Sr Place Making Manager(Design), Energizing Kowloon East Office
- 莫偉軒先生, 香港科技園公司科技創業培育計劃主管
  Mr Peter Mok , Head, Incubation Programmes, Hong Kong Science and Technology Parks Corporation
- 歐暉先生, 構詩建築設計事務所主持建築師
  Mr. Fai Au, Principal, O Studio Architects

比賽獎項
Prizes

- 冠軍：綠色學習之旅
- 亞軍：獎學金
- 季軍：禮券
- 優異獎：豐富獎品

- Champion : Green Study tour
- First Runner-up : Scholarship
- Second Runner-up : Vouchers
- Merit Awards : Special prizes

聯繫我們
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- 比賽網頁 Website :http://www.thewgo.org/inventor

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Thank You
www.thewgo.org