

Open Data and Creation of Smart Cities

11 December 2014

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URC

Introduction — About Fukuoka Asian Urban Research Center

- Fukuoka Asian Urban Research Center (URC)
 - Urban Policy Studies and Advisory
 - Exchange and networking with Asian Cities
 - Building of professionals in City/Town building
 - Information Collection and dissemination



<http://www.urb.or.jp/>

1. Industries and Visions required to create Smart Cities

2. What we can learn from Open-data cases from other countries

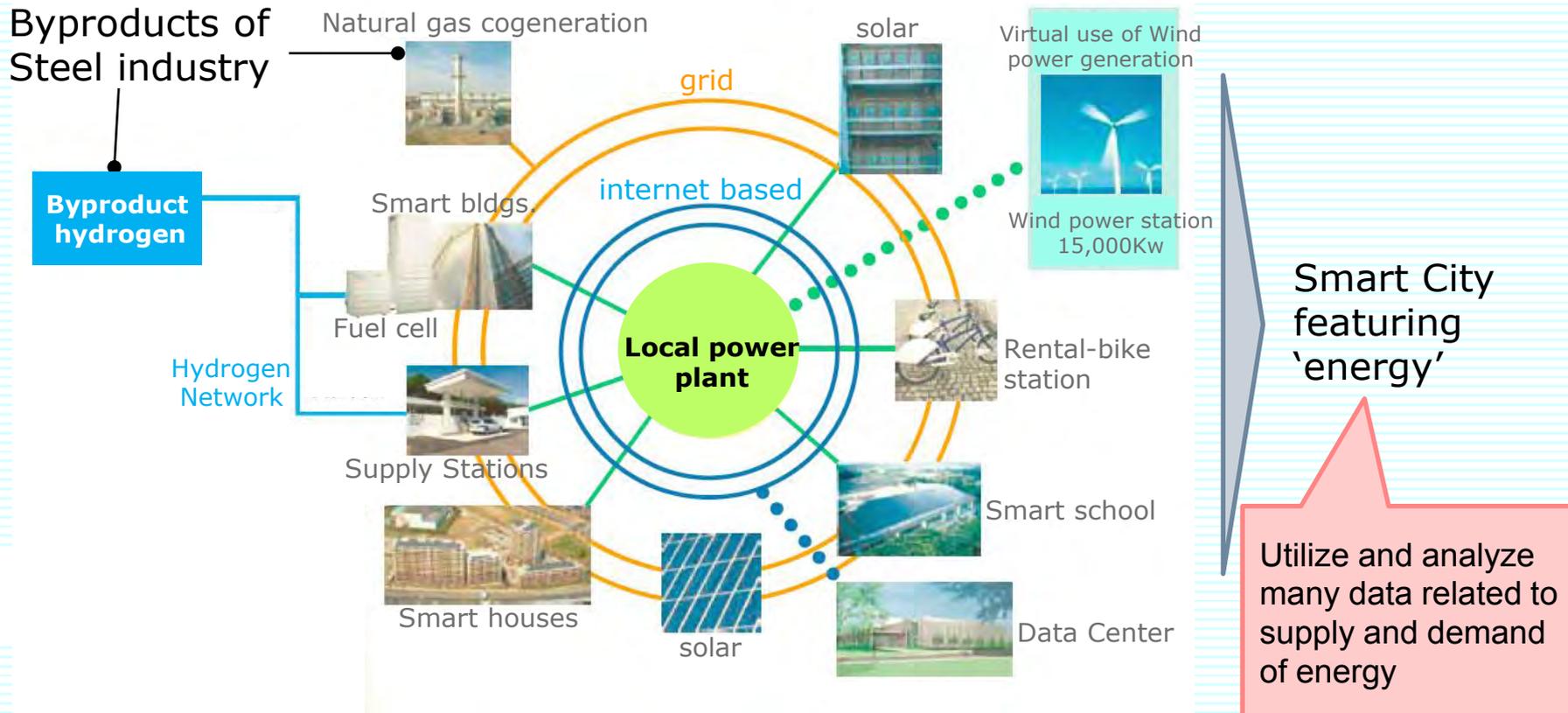
1. Industries and Visions required to create Smart Cities

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Japan's Smart City Case Kitakyushu City

A Smart City has its own industries and visions.

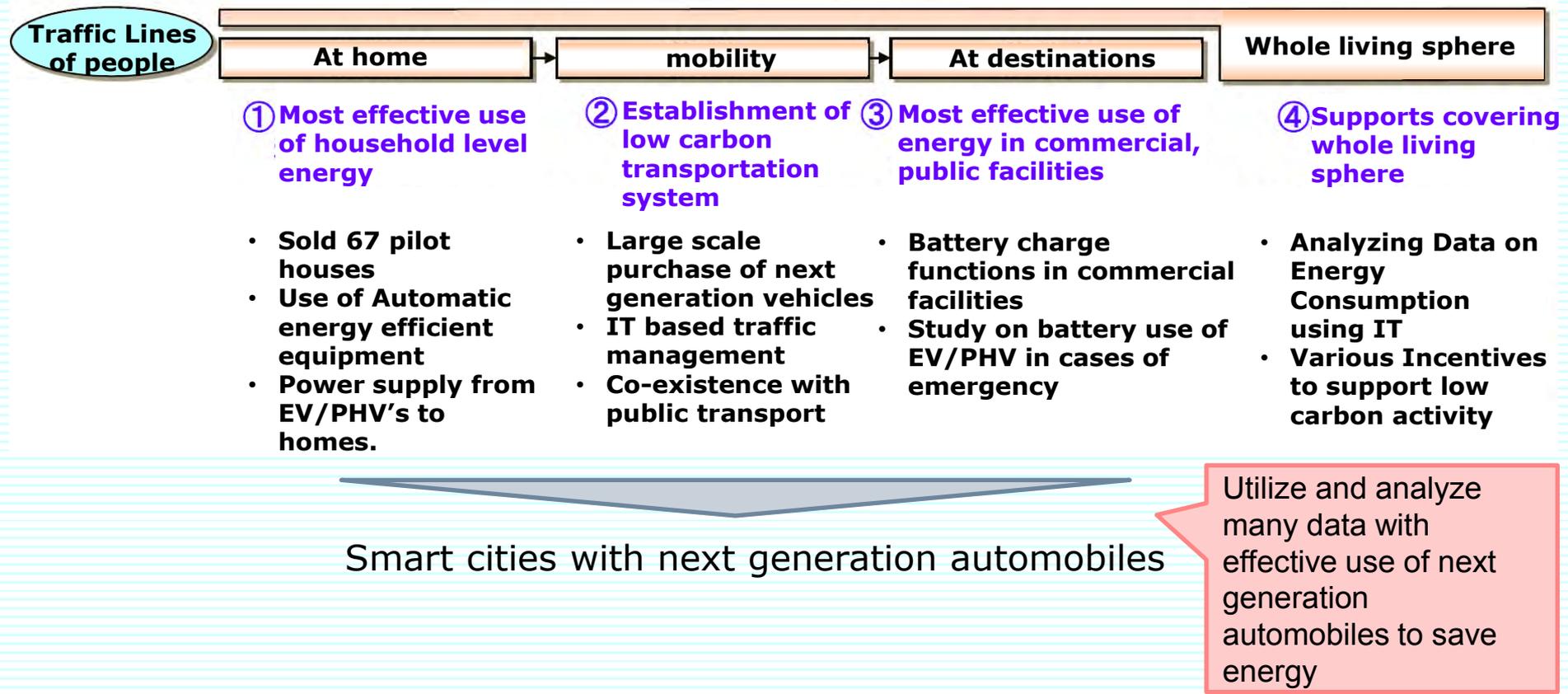
- Kitakyushu City has developed on steel and chemical Industries.
- The city has created new environment related businesses to replace declining heavy industries and accelerated its moves toward Asia.



Japan's Smart City Case **Toyoda City**

A Smart City Initiative has its own industries and visions.

- HQ of Toyota Motors. Has grown around development of Toyota Motors.
- Vision - realization of a low carbon society utilizing next generation automobiles.



Fukuoka's Smart City Case Fukuoka City

Fukuoka City's visions 'An exchange hub city to live, to visit, to work'

- Fukuoka City's core businesses are retail and whole sales.
- The city envisions a city with exchange and high standards of living.

~ Development of social information platform with emphasis on MICE Tourism ~
 ~ Opening of Fukuoka City's administration and to be world's NO.1 Omotenashi City ~



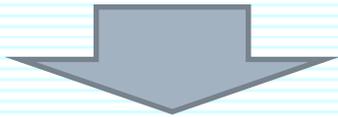
Priority is set on open data initiatives in relation to MICE and mobility

Suggestions from Japan's Smart City Cases

Conditions for aiming a smart city -

- The City's own Industries
 - Existing strong industries
 - Prioritized industries
 - Industries with potential growth

- The City's own vision
 - What kind of living environment should the city offer to its citizens?
 - What kind of business environment should the city offer to corporations?
 - What type of features is the city going to have?



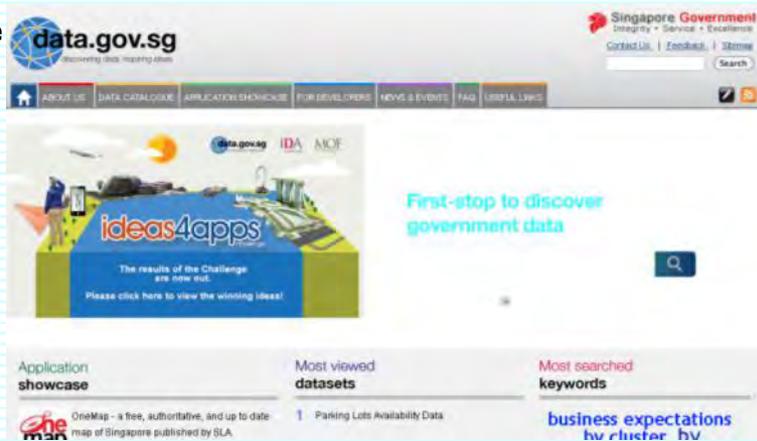
- ◆ **The need to build a social consensus in order to utilize data relating to above.**

1. Industries and Visions required to create Smart Cities

2. What we can learn from Open-data cases from other countries

"Open Data" has advanced since 2010.

Singapore



Taipei



Hong Kong



Seoul



(画像引用) <http://data.gov.sg>, <http://data.taipei>, <http://data.gov.hk>, <http://data.seoul.go.kr>

Participatory Data Use “Visualization Challenge”

- ◆ Conducted August-October 2004
- ◆ Built around 4 themes; sustainable, economic vibrant, healthy and active nation, and global hub
- ◆ Award winning ideas will be presented in museums. Prize is approx. \$55,000



The screenshot shows the eCitizen ideas! website interface. At the top left is the logo "eCitizen ideas! BETA" with the tagline "YOUR GATEWAY TO ALL GOVERNMENT SERVICES". At the top right is the Singapore Government logo with the motto "Integrity · Service · Excellence" and links for "Feedback", "Contact Us", and "Site Map". Below the header is a navigation bar with "HOME", "ABOUT US", "FUNDING", and "LEADERBOARD", and a search bar labeled "Search Ideas".

The main content area features a green box on the left with the text "Challenge has closed." and a list of prizes:

- Cash Prizes:
- 1st Prize: S\$6,000
- 2nd Prize: S\$4,000
- 3rd Prize: S\$2,000
- 7 Consolation Prizes: S\$500 each

 Below this is a box indicating a "Prize Value" of "S\$15,500".

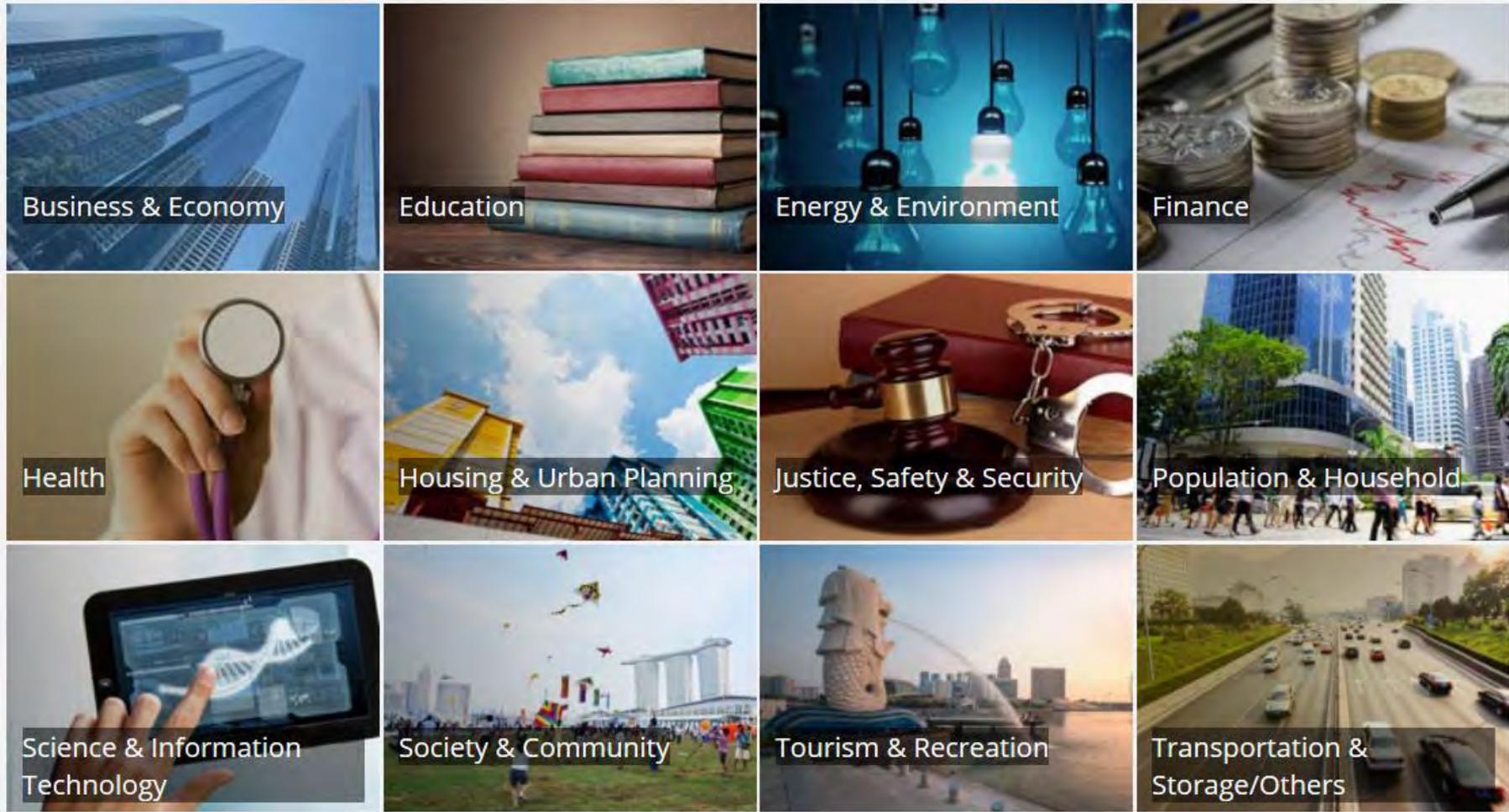
The central part of the page is titled "data in the City VISUALISATION CHALLENGE" with the subtitle "TELLING YOUR SINGAPORE STORY USING DATA". Below the title is a large graphic consisting of several overlapping circles containing various icons representing different aspects of Singapore: a map of Singapore, a train, a building, a bridge, and a person. The graphic is surrounded by concentric circles.

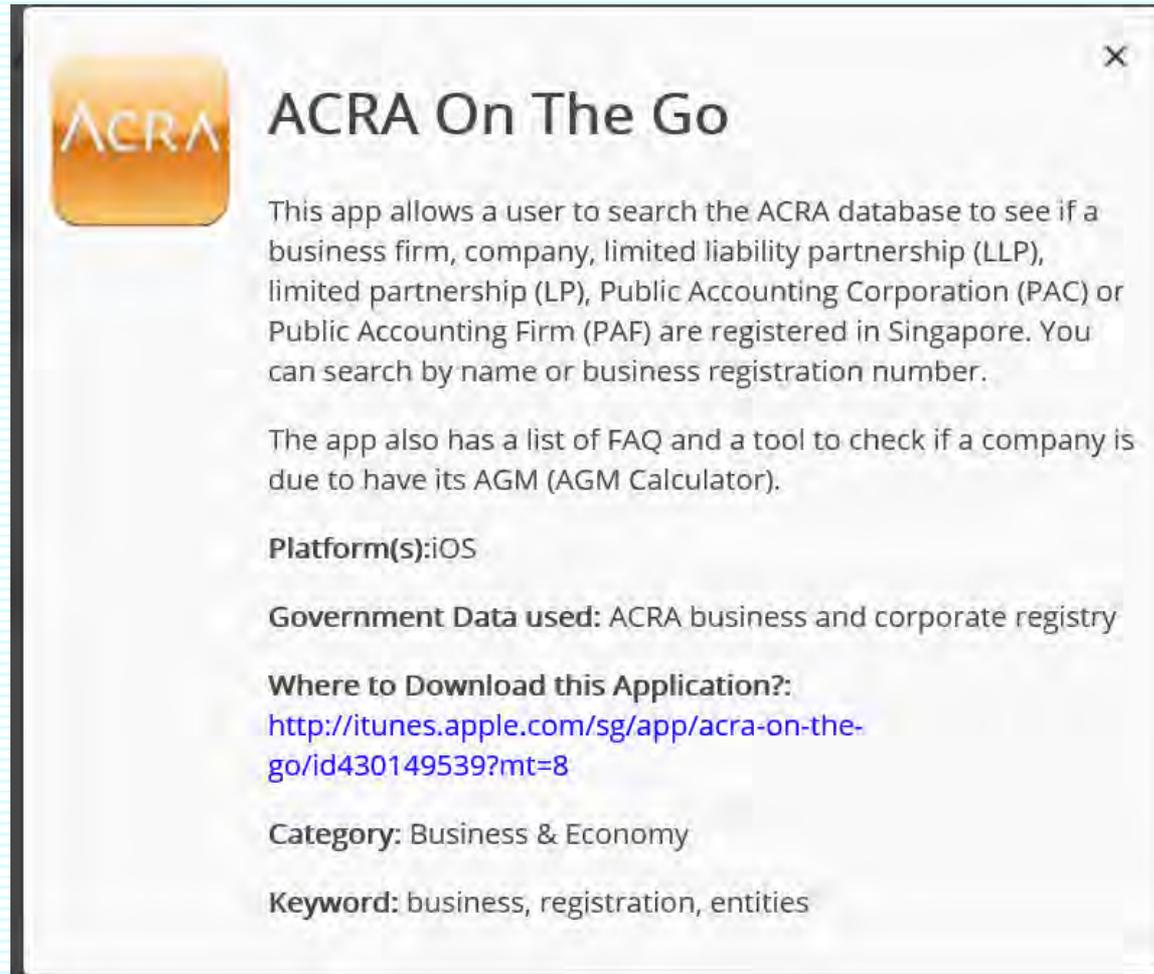
At the bottom of the page, there are logos for the organizing entities:

- Organised by: IDA (Infocomm Development Authority of Singapore)
- An Initiative of: Smart Nation
- In celebration of: data.gov.sg (Department of Statistics, Singapore), the map (Singapore), and SG 50.

Singapore

Applications in 12 categories using public data.



◆ ACRA (Accounting Corporate Registration Agency) **Company Registration Data**

◆ Nutrition Information Data of processed Foods



 **Mealplan by URBANCOOK** ×

Powered by the URBANCOOK food engine, Mealplan helps users plan their meals and track their daily nutrition intake.

Platform(s): iOS

Government Data used: Product and nutrition information for retail packaged food products available for sale in Singapore (HPB)

Where to Download this Application?:
<https://itunes.apple.com/sg/app/mealplan-by-urbancook/id882416354?mt=8>

Category: Health

Keyword: health, recipes, fitness

Hong Kong Application development Contest.

- Photos from the April 2014 Contest



Hong Kong

The consensus building for opening data is only incremental

Gold Prize: Audial news service using public news data

Silver Prize: Reading of text information using public news, weather info, traffic data

Bronze Prize: The must info

Spoken News

開發人員 Yu Ho Kwok

開啟 iTunes 以購買和下載 App。



View in iTunes

免費

類別: 工具程式

香港早晨

開發人員 TechmaxApp

開啟 iTunes 以購買和下載 App。



View in iTunes

免費

類別: 新聞

更新日期: 2014年06月29日

Toilet Rush 衝廁

開發人員 Nuthon IT Solutions Ltd.

開啟 iTunes 以購買和下載 App。



View in iTunes

免費

類別: 生活風格

更新日期: 2014年08月26日

版本: 2.0.2

描述

人有三急，身處
近的廁所資料

軟件功能包括:

- 全港各區廁所
- 廁所統計資料
- 地圖顯示廁所
- 互動平台, 依

火 只提供香港:

--

Show the nea

Other special awards were given to traffic information systems, bus systems search, Weather forecasts, library search applications



DATA.GOV.TW
政府資料開放平臺

使用"我的E政府帳號"登入
會員服務

資料集下載

互動專區

活化應用

使用規範

關於平臺

最新消息

標準規範



最新資料

消費者端量測各業者縣市平均...
提供機關: 國家通訊傳播委員會

行政院推動性別平等工作重要...
提供機關: 行政院

行政院所屬各機關推動性別主...
提供機關: 行政院

更多



熱門資料

不動產買賣實價登錄批次資料
瀏覽人次: 34,720

iTaiwan中央行政機關室...
瀏覽人次: 34,246

CNS11643中文標準交換...
瀏覽人次: 18,554

更多



活化應用

2595 - 愛我救我 流浪動物認養平臺
創作者 2595團隊

Taipei Talk Around 隨身報馬仔
創作者 NUTC-CSIE i.m.a.c社群

爸媽Home-全國最大安養護機構推薦平台
創作者 知恩思資訊股份有限公司

更多



我有話要說

感謝
發表日期: 103年11月06日

建議提供適合程式使用的資料格



我還想要...

您想要政府開放更多的資料集嗎?
請在這裏告訴我們您要什麼?

敬請開放公有 土地及建物 資料集
(內政部地政司?)



交流討論

開放資料有麼應用
討論次數: 0

歡迎大家自由討論



Taiwan

Local and niche tourism information is also popular.

- For example, factory tour applications and best spots for farm landscapes
 - Based on publically open factory list owned by the Economy Department, and geographical data of each factories.
 - Based on landscape data owned by the Agriculture Committee

全台灣觀光工廠 – 觀光景點



應用開放資料:
觀光工廠名錄

創作者: chiu

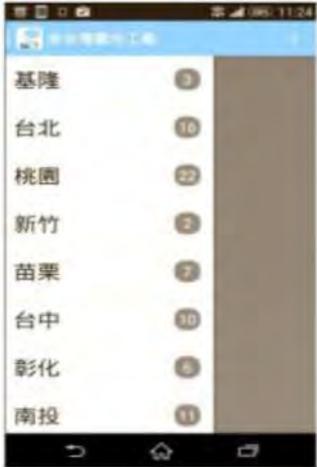
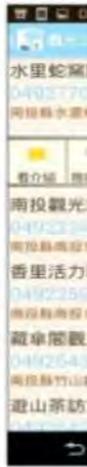
連結: [Android版](#)

應用特色:

《全台灣觀光工廠 - 觀光景點 APP》彙整經濟部的觀光工廠名錄資料集與經濟部工業局網站上的資訊，提供觀光工廠名稱、工廠介紹、電話預約、GPS定位等功能。

應用簡介:

周休二日，該如何歡樂度過呢？全台灣有很多觀光工廠歡迎大家去玩，除了參觀之外，大部分皆有提供DIY的活動，是一個寓教娛樂的好所在。

看見台灣的美



創作者:
Bibby Chung

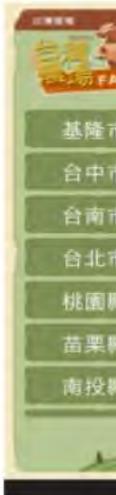
連結:
[台灣農場WindowsPhone](#)

應用特色:

利用行政院農委會的景點資訊 OPEN DATA，提供簡單分類及直覺的台灣農場查詢應用

應用簡介:

生活在台灣，我們是否真正看見台灣的美，生命應該浪費在美好的事物上，放下手邊的工作，帶著最愛的家人朋友，一起找個地方悠閒去吧！「台灣農場」利用行政院農委會的 OPEN DATA，提供簡單分類及直覺的查詢應用，讓您查詢一

What data can be open depends on each society

- A top-down approach by the central government to open huge amount of data
 - Ex. Singapore
- Negotiations among governments resulting in very few and gradual opening of data
 - Ex. Hong Kong
- Voices of citizens giving impact to opening of data
 - Ex. Taiwan

- A society very sensitive to privacy of data
 - Ex. Japan



- ◆ For a social consensus building of opening data requires a vision by the city government