

## ANNEX B

### FACT SHEET: DATA.GOV.SG

Data.gov.sg is the first stop portal to discovering more than 8,600 publicly-available datasets from over 60 public agencies, which users can tap into to create applications or conduct research or simply search for interesting applications developed using government data.

#### Data.gov.sg has the following features:

- **Data Catalogue** for the public to search for and download government data
- **Applications Showcase** featuring applications developed by students, start-ups and public agencies using government data
- **Resource page** to support the efforts of application developers

#### Data.gov.sg helps to:

- **Make it easier to discover government data.** Today, while many public agencies are already sharing publicly-available data and statistics on their websites and publications, it is not always easy for the public and researchers to locate them. Data.gov.sg seeks to provide convenient access to these data through the first stop portal.
- **Catalyse applications development.** In addition to data discovery, a 'For developers' page is also available on data.gov.sg to provide resources for developers. This page contains links to developer tools like Application Programming Interfaces (APIs) which serve as interfaces to share data from a database to an application and are useful for the development of applications.

#### Examples of data that were used to create applications fall into the following broad categories:

- Weather Data, such as NEA's weather updates
- Real-time Traffic Data, such as LTA's traffic camera updates.
- Geospatial Data on the location of amenities such as the location of Recycling Bins and Hawker Centres, Kindergartens and Childcare Centres from agencies like NEA and MCYS.

These data can be accessed via the **Data Catalogue** at [www.data.gov.sg](http://www.data.gov.sg).

Applications developed using government data are listed in the Applications Showcase for sharing with a wider audience. To-date, more than 100 apps such as StreetSine, a co-broking platform for real estate agents and WeatherLah, a crowdsourcing mobile app by BuUuK which provides time information on Singapore's weather, use government data from data.gov.sg and OneMap.

### **Co-Creating with Government Data**

By tapping on government data available on data.gov.sg, members of the public can look for information or create their own apps. Co-creation initiatives such as the Harnessing Data for Value Creation Call-for-Collaboration (CFC) and the Apps4SG Competition were launched to further catalyse the use of government data by the public.

The “**Harnessing Data for Value Creation**” **Call-for-Collaboration (CFC)**, which closed on 31<sup>st</sup> August 2012, was issued by Infocomm Development Authority of Singapore and Ministry of Finance, in partnership with the Department of Statistics, Energy Market Authority, Health Promotion Board, Land Transport Authority, National Environment Agency, National Library Board, National Parks Board and Singapore Land Authority to invite companies to submit proposals for innovative solutions that used at least government dataset for any of the following focus areas:

- a. Business Planning
- b. Conservation and Environment
- c. Contextual Content, Connecting People
- d. Healthy Lifestyle
- e. Optimised Mobility

More than 20 proposals were received. Details on some of the awarded solutions can be found in **Annex B-1**.

To promote the use of government data in developing innovative applications among the public, the **Apps4SG Competition** - an app development competition - was launched in April 2013. The Competition aims to spur the generation of innovative apps that make use of Government data to improve the way we live, study, work and play in Singapore. In July 2013, an Apps4SG Hackathon will be organised for participants to co-create and develop prototypes. More details can be found in **Annex B-2**. The Apps4SG competition will close on 1<sup>st</sup> October 2013.

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**AWARDED SOLUTIONS FOR HARNESSING DATA  
FOR VALUE CREATION CALL-FOR-COLLABORATION**

**1. SurePark by SurePark Pte Ltd**

SurePark is a consumer and enterprise service that aims to solve the problem of finding a place to park, a daily headache in densely populated Singapore and other urban centers around the world. When a user shares their intended journey details a mobile application will advise on car parking lot availability at the preferred and nearby destinations by predicting (tapping multiple public and private datasets) at the estimated time of arrival. SurePark will deliver environmental benefits and improve car park operator performance and end-user convenience by offering assured parking.

**2. SRX Valuation Engine by StreetSine Pte Ltd**

The SRX Valuation Engine will use private and public data to provide consumers, real estate agents, valuers, and banks with a rigorous, real-time, computer-assisted process for valuing homes. Integrating all stakeholders across a common technology platform, the Engine will instantaneously generate a single home value to support all types of real estate valuations and valuer panels. SRX Valuation Engine will improve accuracy, lower costs, save time, and reduce risk when valuating, financing and buying a home.

**3. Automated Intelligent Routing (AIR) by Quantum Inventions**

AIR is a jobs dispatch optimisation system that enables logistics, transportation service providers and other organisations with high volumes of travel to better optimise their resource thereby resulting in cost and time savings and improved decision making. Compared to conventional, passive fleet management and tracking solutions which only provides basic vehicle tracking features, AIR will provide enterprise users with a full range of features from resource planning capabilities such as route planning, optimisation and navigation, to live situation monitoring and automatic response systems based on real-time traffic, tolls and operator inputs.

## ANNEX B-2

### **APPS4SG COMPETITION**

The Apps4SG Competition is organised as part of the data.gov.sg and OneMap Programme. The competition is led by the Ministry of Finance (MOF), Infocomm Development Authority (IDA) and Singapore Land Authority (SLA).

Data.gov.sg is a government portal containing over 8,600 datasets from more than 60 government agencies, while OneMap is the government's geospatial portal with 62 thematic layers and 35 location-based services from 34 government agencies.

#### **Important Dates**

The Apps4SG Competition was launched on 3<sup>rd</sup> April 2013 and the closing date for submissions is the 1<sup>st</sup> of October 2013. During the competition period, hackathons and workshops on government data and application development will be organised for participants to develop concepts and enhance their app development capabilities. The Apps4SG Hackthon will be in July this year.

#### **Target Audience**

The Competition is open to everyone including students, freelance developers and start-ups. Participants can participate as individuals or in teams.

#### **Evaluation Criteria**

All submitted apps must use at least one set of government data and will be assessed based on the following criteria:

<b>Criteria</b>	<b>Description</b>
<b>Originality</b>	Key ideas and concepts behind the application
<b>Value/ Usefulness</b>	Social or commercial benefits of the application
<b>Appeal and Usability</b>	User-friendliness

#### **Prizes**

The top three winning apps stand to win the following prizes - \$10,000, \$5,000 and \$3,000 respectively.