

Efforts to Promote Open Data in Local Governments in Japan

May 11, 2017

Ministry of Internal Affairs and Communications (MIC)

- In collaboration with Vitalizing Local Economy Organization by Open Data & Big Data (VLED), MIC formulated and revised guides, etc. for the parties providing open data and those using open data, and published them to local government and so on.

Open Data Guide



Guidebook for those who intend to disclose open data

Open Data Guide (Utilization/Application)



Guidebook for those who intend to utilize open data

Open Data Utilization and Application Collection of Business Case Examples



A collection of business case examples of open data utilization and application

* In addition, MIC formulated *A Collection of Tools related to Data Disclosure/Utilization*, *A Template of Website Usage Agreement*, and *A Collection of Data Utilization Cases of Local Public Entities*.

[Supporting advanced municipalities in horizontal collaboration]

[Development of a model that benefits both public and private sectors]

Promotion of de facto data format standardization

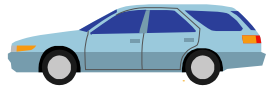
- Promoting the de facto format and API standardization of data related to road traffic restrictions, business permissions, etc., which some advanced municipalities have been already working on opening, to be shared by a number of local governments.
(→ Creating an environment to promote open data)

City promotion utilizing open data

- Contributing to the promotion of people's migration and an increase in the number of visitors to local area by posting data owned by the local governments which would increase the attractiveness of the area such as information on regional medical care, welfare facilities, nurseries, educational facilities, etc., on real estate information websites.
(→ Benefits for both the local governments and website management companies)

Data on road traffic restrictions

Shizuoka City → E.g., government-ordinance-designated cities nationwide



(API standardization to be reflected in real time)



- Improvements in car navigation system accuracy
 - Application to tourism field

Data related to business licenses



Fukui Prefecture and Shizuoka City → E.g., prefectures nationwide



De facto format standardization of eating and drinking establishment data owned by municipalities.

Implemented on restaurant and other sites

SUUMO Top page

全国の住みたい街を探してみよう。住みたい街を全国から探してみよう！あなたにぴったりの街が見つかるよ！

住みたい街（駅・行政区）を探してみよう

地図から住みたい街（行政区）があるエリアを選んでください。

全国エリア

- 北海道
- 東北
- 関東
- 東海
- 四国
- 関西
- 中国
- 九州・沖縄

理想の街が見つかる？

ライフスタイル別の街選び！

神奈川・千葉・埼玉・シブヤ

理想の街選びを見くみる！

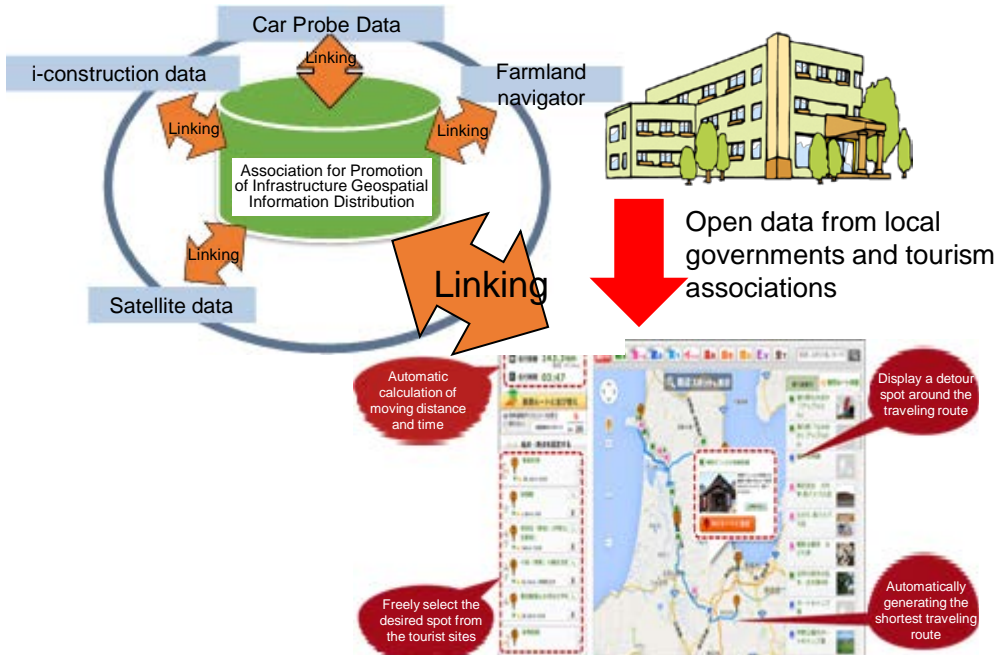
Major Efforts in the Future 1): Promotion of Opening Map and Traffic Data through Demonstration Projects

[Project for promoting the utilization and application of open data, etc. (2015 through 2017)]

- Promoting new types of business and services that utilize data to improve services for residents by working on model demonstrations utilizing open data.

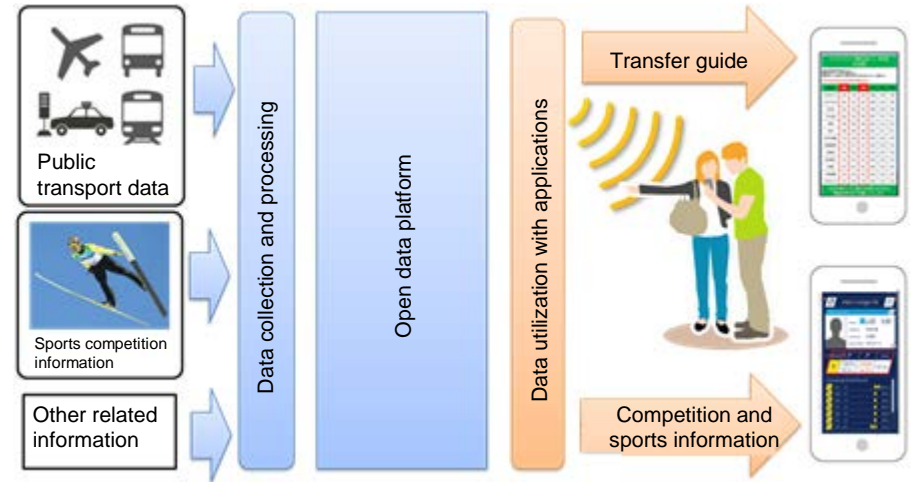
[2015 initial budget of 300 million yen, 2016 initial budget of 190 million yen, and 2017 initial budget of 300 million yen]

Linking with map and tourism information



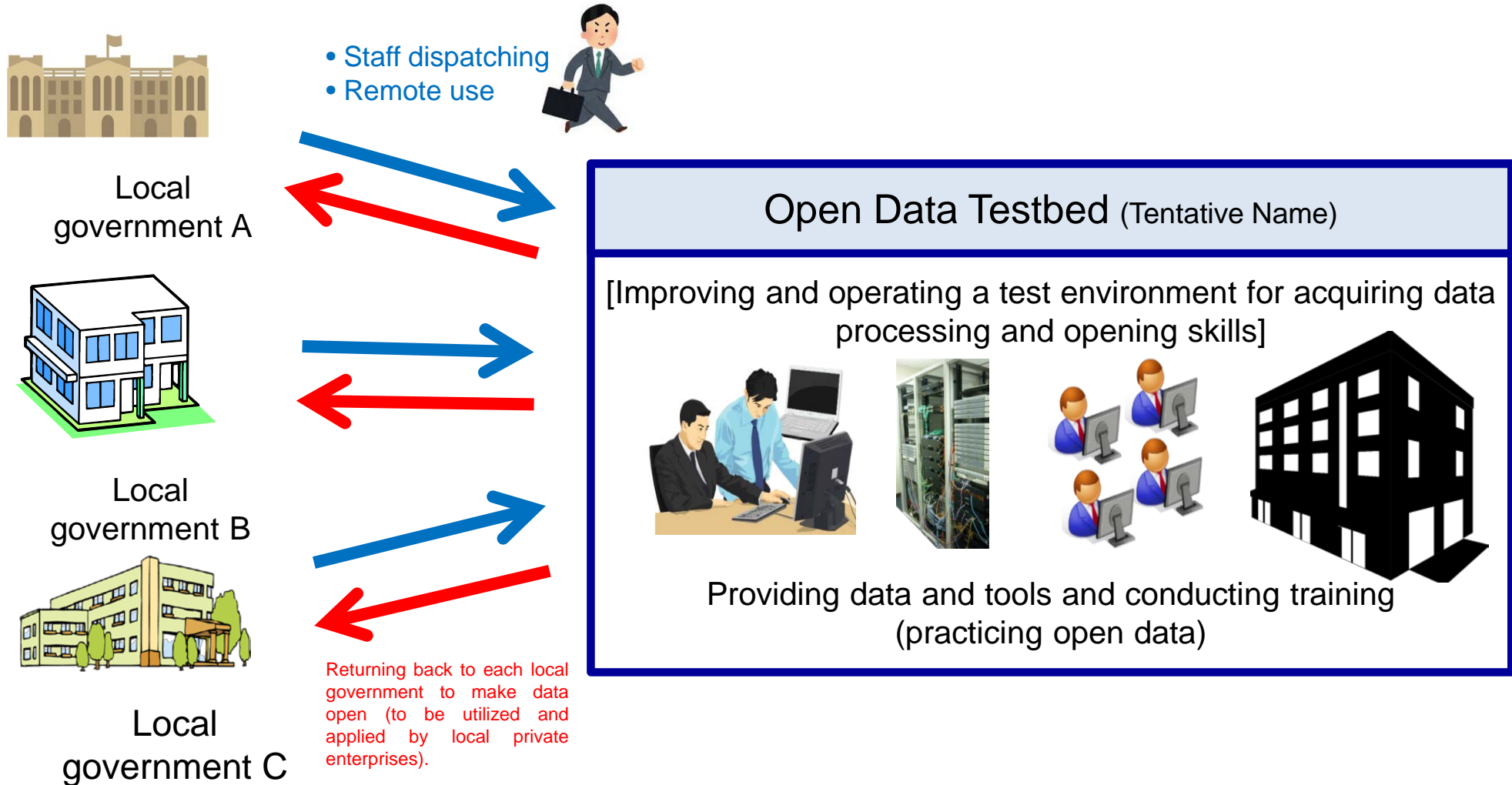
Providing detailed tourist information by linking open data from local governments and tourist associations and linking with various data of the Association for Promotion of Infrastructure Geospatial Information Distribution.

Linking with transportation data



Always providing smartphones, tablets and so on with public transport information, including railway, bus, aviation, and station information, and sports competition information toward 2020.

- Establishing a new test environment and providing collective training and remote use services to local government officials who lack ICT knowledge and know-how to acquire skills necessary for open data (e.g., data processing and opening procedures).
- With this, strongly support officials of each local government to implement open data.



- Establishing a window function to accept and convey the private sector's needs to local governments, collect feedback from them, and make necessary adjustments with the private sector and public sector in order to find a way out of the present situation where local governments have not been making progress in opening data.
- This will resolve the concerns of local governments about the utilization needs of the private sector and how open data will be used, and promotes local governments' opening of data.

