

Open Data and Big Data Today: Taipei City Government's Policy Implementation



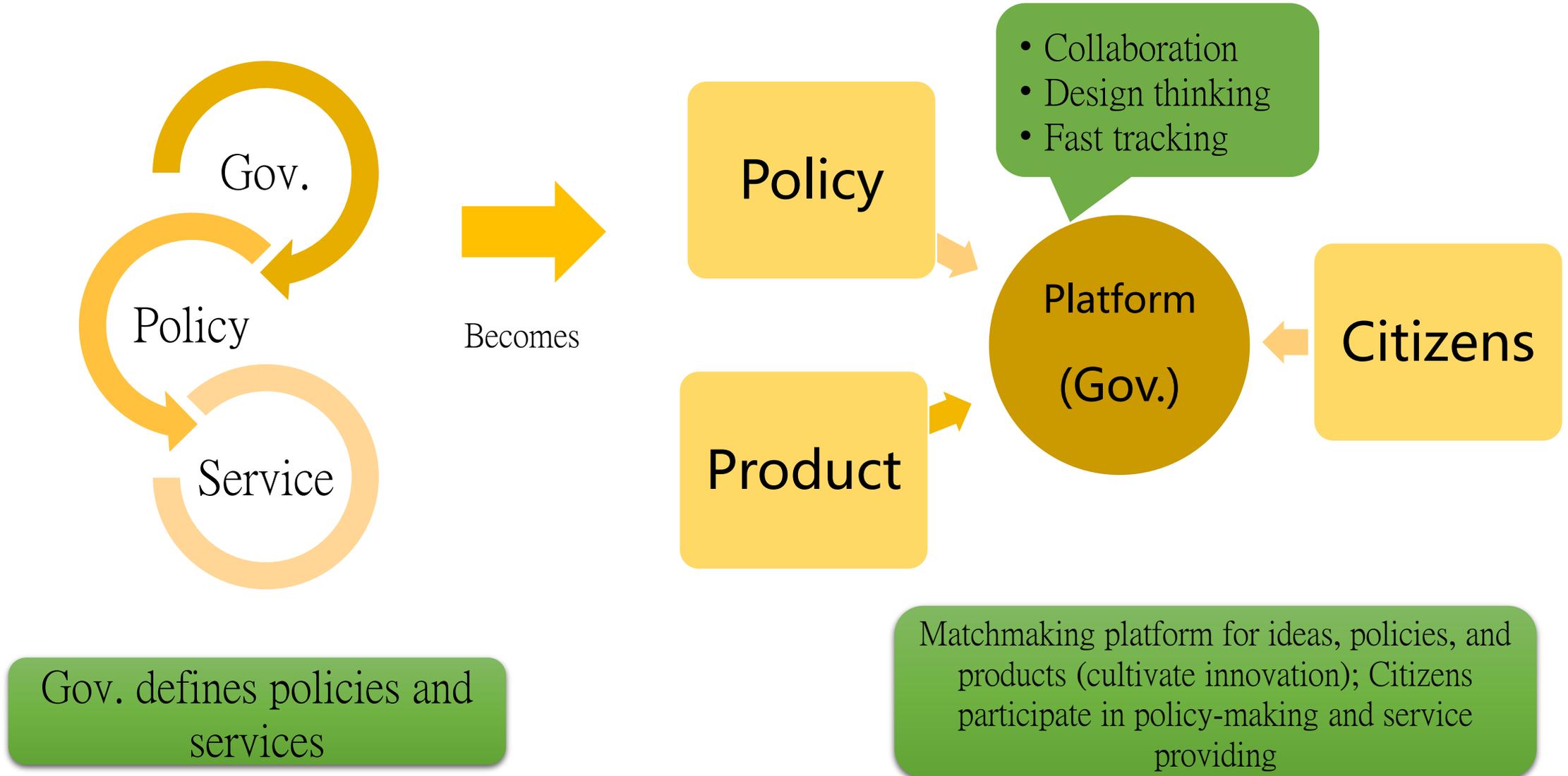
May 11, 2017 Commissioner Lee Wei-bin
Department of Information Technology

Presentation Outline

- Innovative Attitude
- Current Implementation Efforts
- Direction of Future Implementation Efforts

Innovative Attitude

Government as a Platform

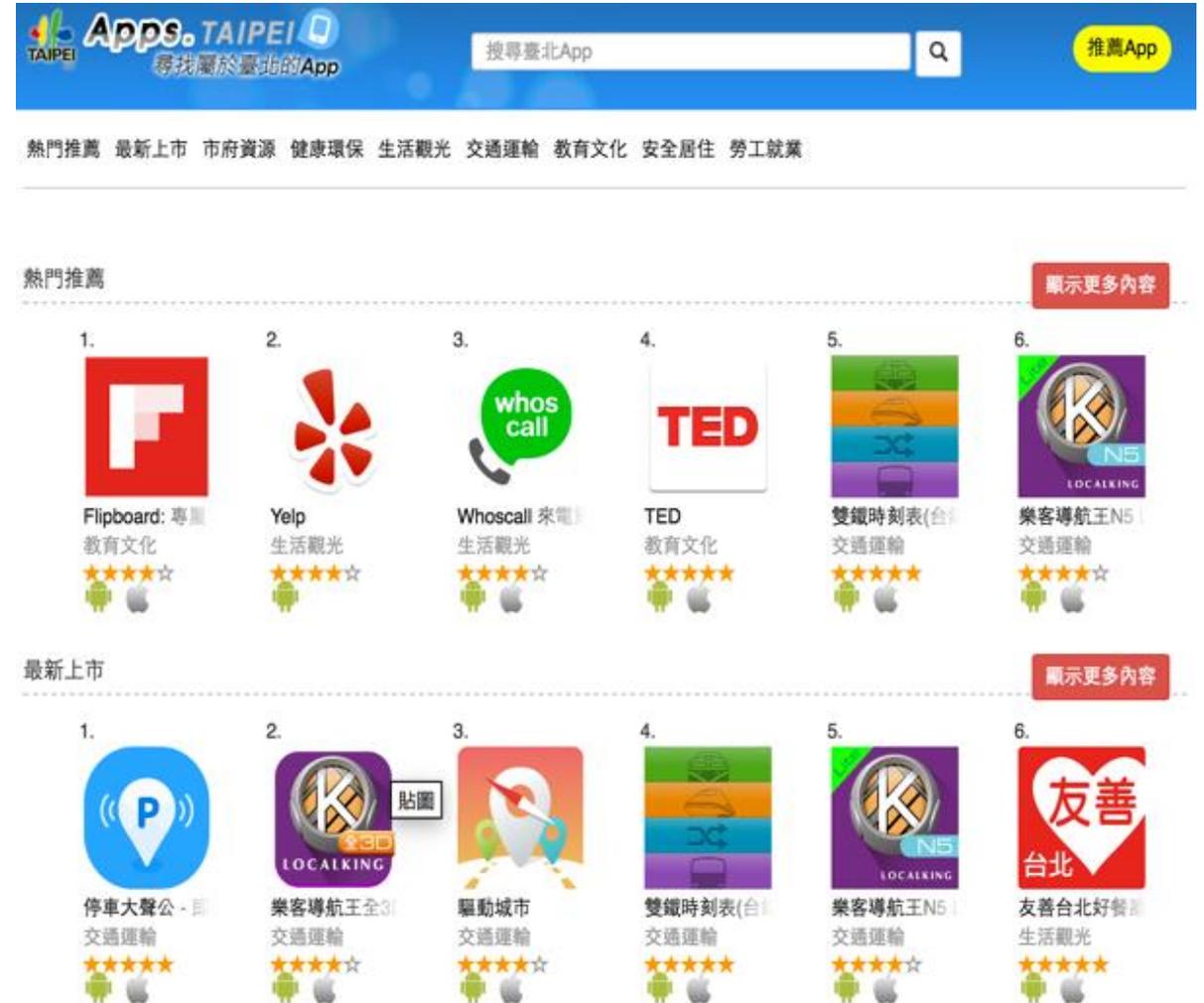


Current Implementation Efforts

Creating an Environment Friendly to App Development

Apps.Taipei

- Promote Taipei Mobile Applications
- Provide 200+ Quality Taipei Mobile Applications
- Provide Auto Popularity Ranking, Encourage Positive Environment for Competition

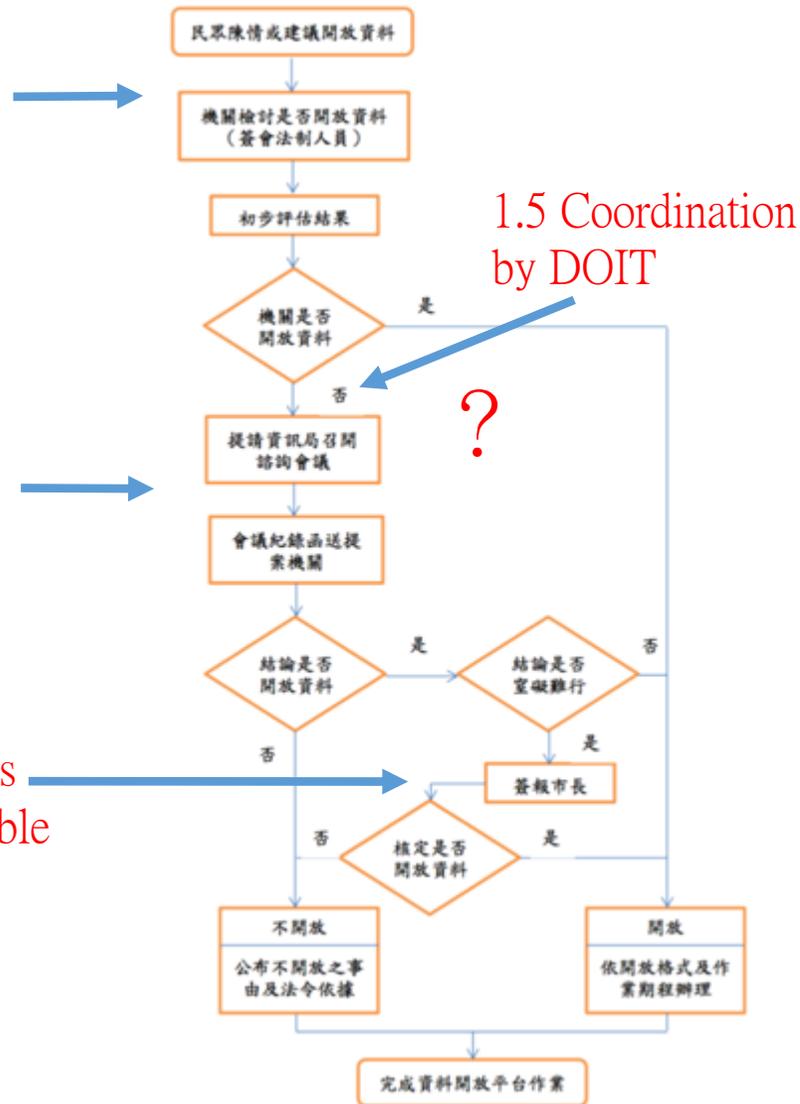


Creating an Environment Friendly to Open Data - Suggest Open Data SOP

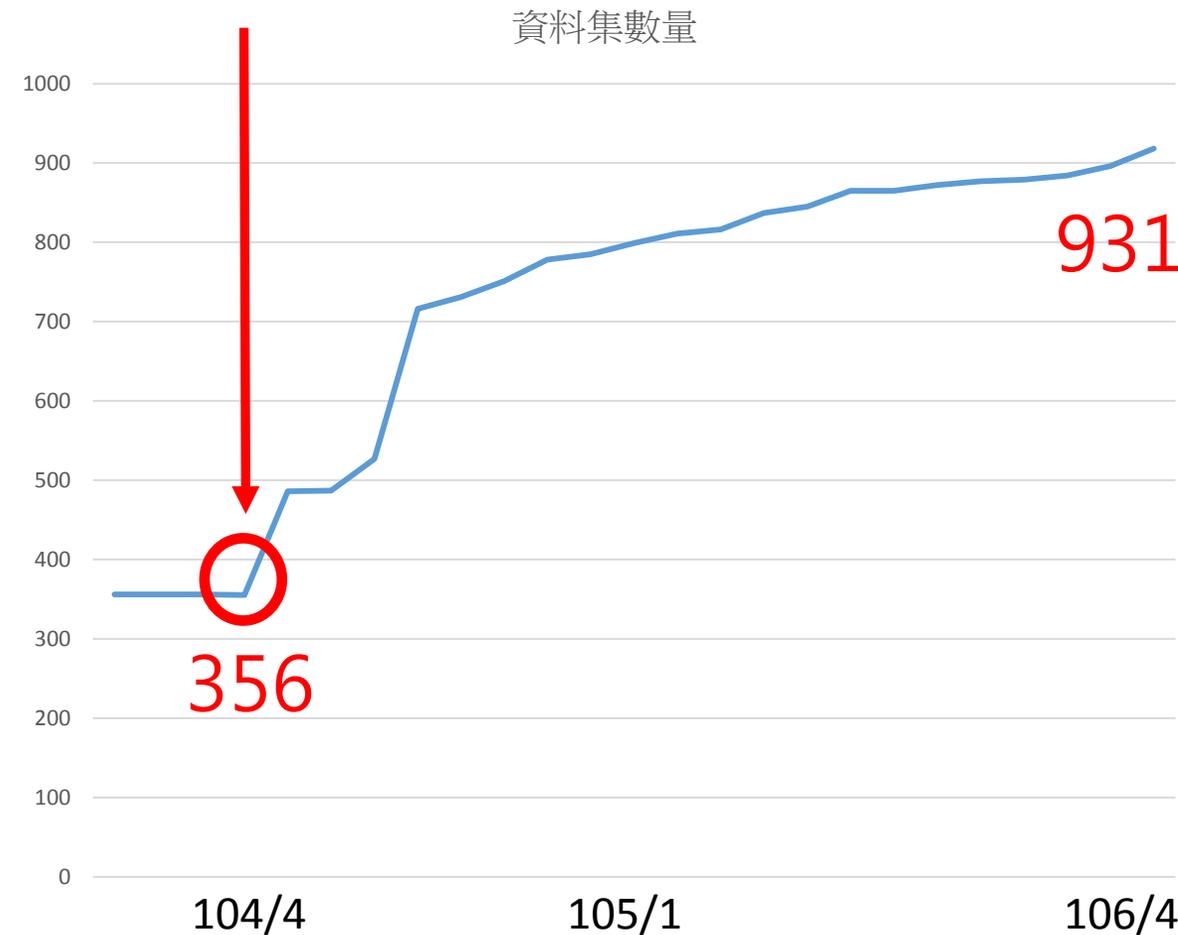
1. Citizens Suggest Open Data

2. Evaluation conducted during consulting meeting

3. Mayor Approves (Publically-available As General Guideline)



Stable, rapid growth since season 2 of 2015



Creating an Environment for Collaborative Data Analysis by Industry, Gov., Academia

Education & Research



Data Analysis Program at School or Research Adopts the Data Analysis Platform in Question

Application Platform



School Sets up Data Analysis Teaching Platform

Big Data Center



School or Company Sets up Big Data Center, Providing Data Services Including Taipei City's Data

Creating an Atmosphere Friendly to Social Group Collaboration - AirBox

Business



- Airbox (300 units)
- Integration of Smart City & IOT Technology

Gov.



臺北市政府
Taipei City Government

- DOIT: Resource Matchmaking & Administrative Coordination
- DEP: Environment Monitoring
- DOE: Environmental Education, Maker Education

Academia



- Big Data Analysis
- Initiative Topic of Air Pollution

Community



- Mobilization of Community Groups
- Maker Education
- Distribution & Set up of Hardware

Current Status of Application



Budget Visualization

1. Original 2016 Budget Info Document



2. Visualized Budget (Overall View)

3. Identify Problems via Budget Visualization Website



4. Members of Public Participation Committee Instructs Agencies on How to Respond

5. Comprehensive Budget Details (by Category) with Charts



Direction of Future Promotion

- Promotion Activities :
 - ✓ April 2017: Co-host NASA Hackathon (completed)
 - ✓ June 2017: Social Welfare Open Data Workshop
 - ✓ April-Aug., 2017: Chatbot Apps for City Administration Contest
 - ✓ Oct. – Dec.,2017: Co-host National College & University IT App Service Innovation Contest
- Introduce Common Standards for Shared Data (such as OGC Standards) to Enhance Data Circulation
- Connect with Central Gov. Platform, Strengthen Quality Checks

Topics for Possible Collaborations

- DOIT can participate in activities related with promotion and exchange (such as Hackathon) once TCA and VLED sign the MOU.
- Currently, exchange between Taiwan and Japan is frequent and popular. Due to language compatibility issues, tourism-related information from both sides (hotels, tourist attraction, transportation) can be made publically-available with the use of third-party translation tools (under development by ITRI) to strengthen exchange and tourism services for both parties.
- The proposal submission mechanism under “needs” and “smart solutions” at Taipei Smart City Website (<https://smartcity.taipei/>) is now available. Through matchmaking services provided by Taipei Smart City PMO, the platform can be used for Taiwan and Japan’s smart city solution matchmaking in the future.

End of Presentation
Thank you!

