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# **Value-Added Open Government-- Challenge and Strategy**

**Research, Development and Evaluation  
Commission (RDEC), Executive Yuan**

**January 18, 2012**

# Outline

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-   **Foreword**
- Promotion Chronology**
- Promotion Strategy and Challenge**
- Conclusion**



# Foreword

## e-Management

- Internal Management
- External Service

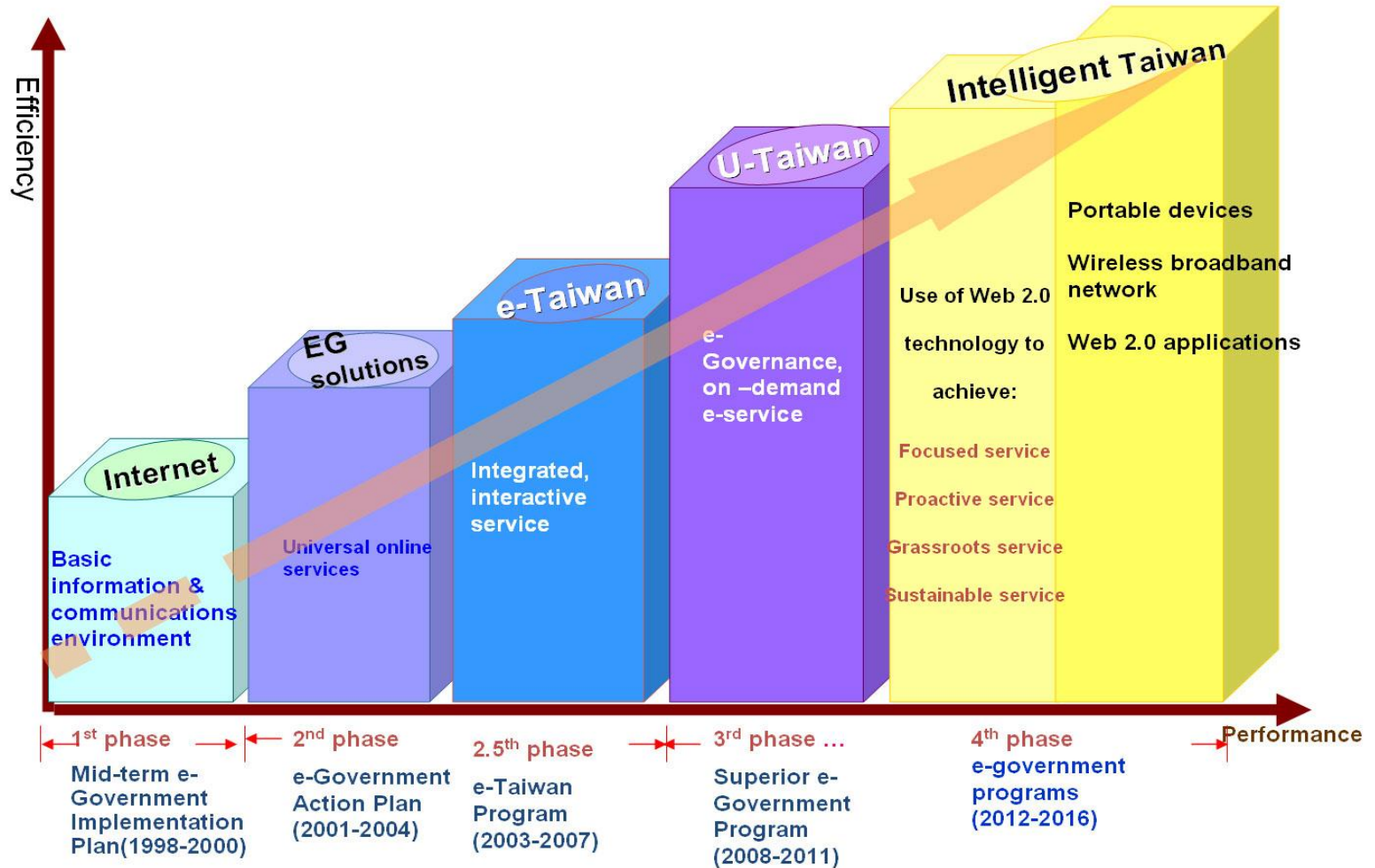
## e-Government

- Online Service
- Integrated Inter-Working
- Service Interaction

## e-Governance

- Open Accountability
- Transparent Flow
- General Public Participation
- Open Government

# Taiwan's e-Government Programs





# Outline

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Foreword

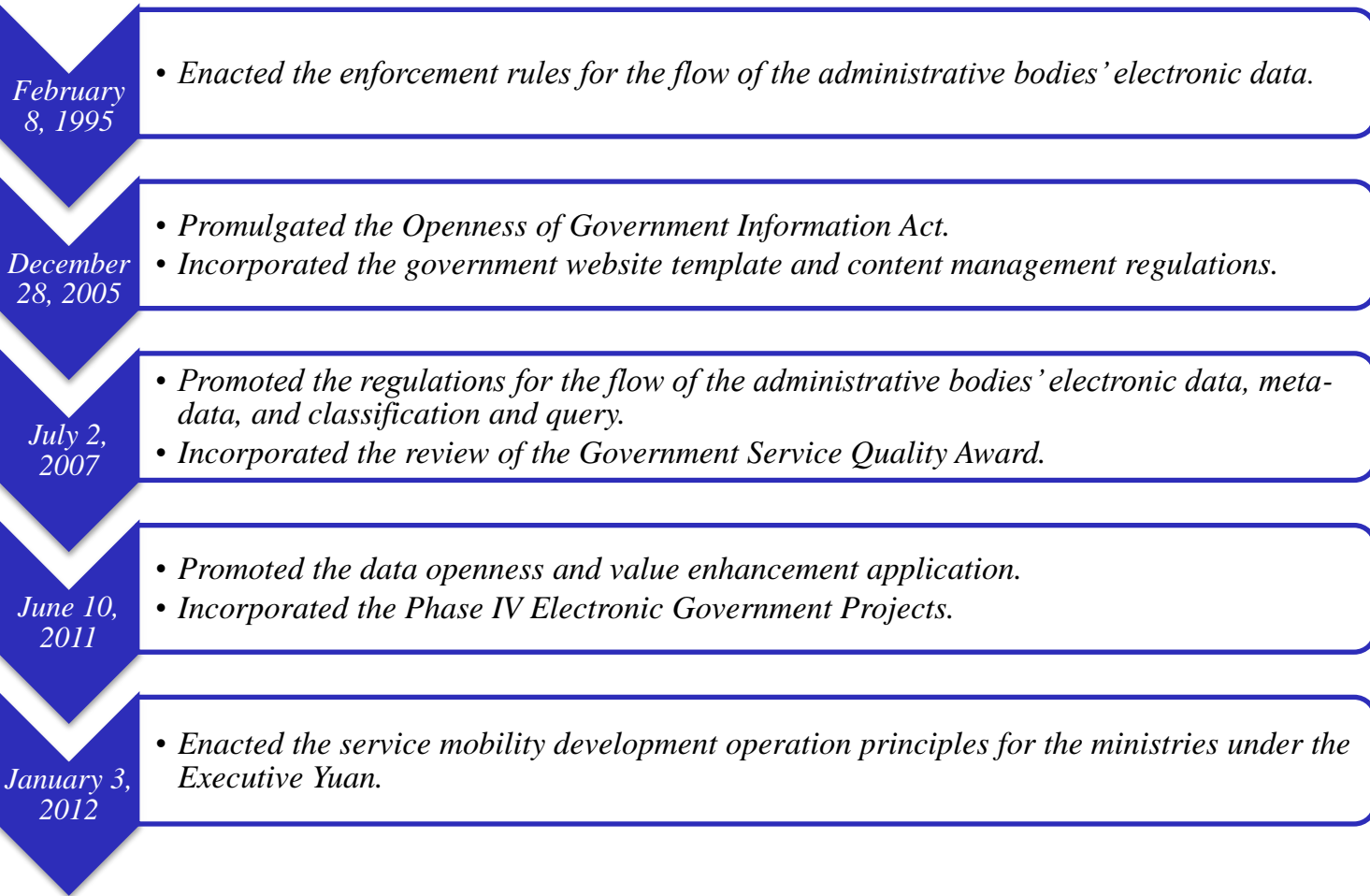


Promotion Chronology

Promotion Strategy and Challenge

Conclusion

## Governmental Value-Added Data Application Promotion Chronology



# The Freedom of Government Information Law

全國法規資料庫入口網站 - Windows Internet Explorer

http://law.moj.gov.tw/LawClass/LawAll.aspx?PCCode=I0020026

我的最愛 建議的網站 自訂連結 升級您的瀏覽器

全國法規資料庫入口網站

第二章 政府資訊之主動公開

**第 6 條** 與人民權益攸關之施政、措施及其他有關之政府資訊，以主動公開為原則，並應適時為之。

**第 7 條** 下列政府資訊，除依第十八條規定限制公開或不予提供者外，應主動公開：

- 一、條約、對外關係文書、法律、緊急命令、中央法規標準法所定之命令、法規命令及地方自治法規。
- 二、政府機關為協助下級機關或屬官統一解釋法令、認定事實、及行使裁量權，而訂頒之解釋性規定及裁量基準。
- 三、政府機關之組織、職掌、地址、電話、傳真、網址及電子郵件信箱帳號。
- 四、行政指導有關文書。
- 五、施政計畫、業務統計及研究報告。
- 六、預算及決算書。
- 七、請願之處理結果及訴願之決定。
- 八、書面之公共工程及採購契約。
- 九、支付或接受之補助。
- 十、合議制機關之會議紀錄。

前項第五款所稱研究報告，指由政府機關編列預算委託專家、學者進行之報告或派赴國外從事考察、進修、研究或實習人員所提出之報告。

第一項第十款所稱合議制機關之會議紀錄，指由依法獨立行使職權之成員組成之決策性機關，其所審議議案之案由、議程、決議內容及出席會議成員名單。

**第 8 條** 政府資訊之主動公開，除法律另有規定外，應斟酌公開技術之可行性，選擇其適當之下列方式行之：

- 一、刊載於政府機關公報或其他出版品。
- 二、利用電信網路傳送或其他方式供公眾線上查詢。
- 三、提供公開閱覽、抄錄、影印、錄音、錄影或攝影。

完成

網際網路 | 受保護模式: 啟動

100%

行政院研究發展考... SOAP Version 1.2 P... 全國法規資料庫入... Microsoft PowerPo...

下午 07:35

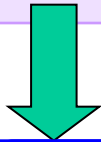


# Amendment of Implementation Directions for Electronic Data Circulation of Administrative Agencies

<http://www7.www.gov.tw/egov/category/01.pdf>

Research, Development, and Evaluation Commission, Executive Yuan

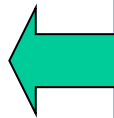
1. Organize, plan, coordinate, and promote the electronic data circulation affairs of each governmental agency.
2. Amend the circulation enforcement rules and enact the meta-data regulations in reference to the opinions of each agency.



Classification and Query Services for the Government Portal Website

Each Ministry ( including other applicable governmental institutions)

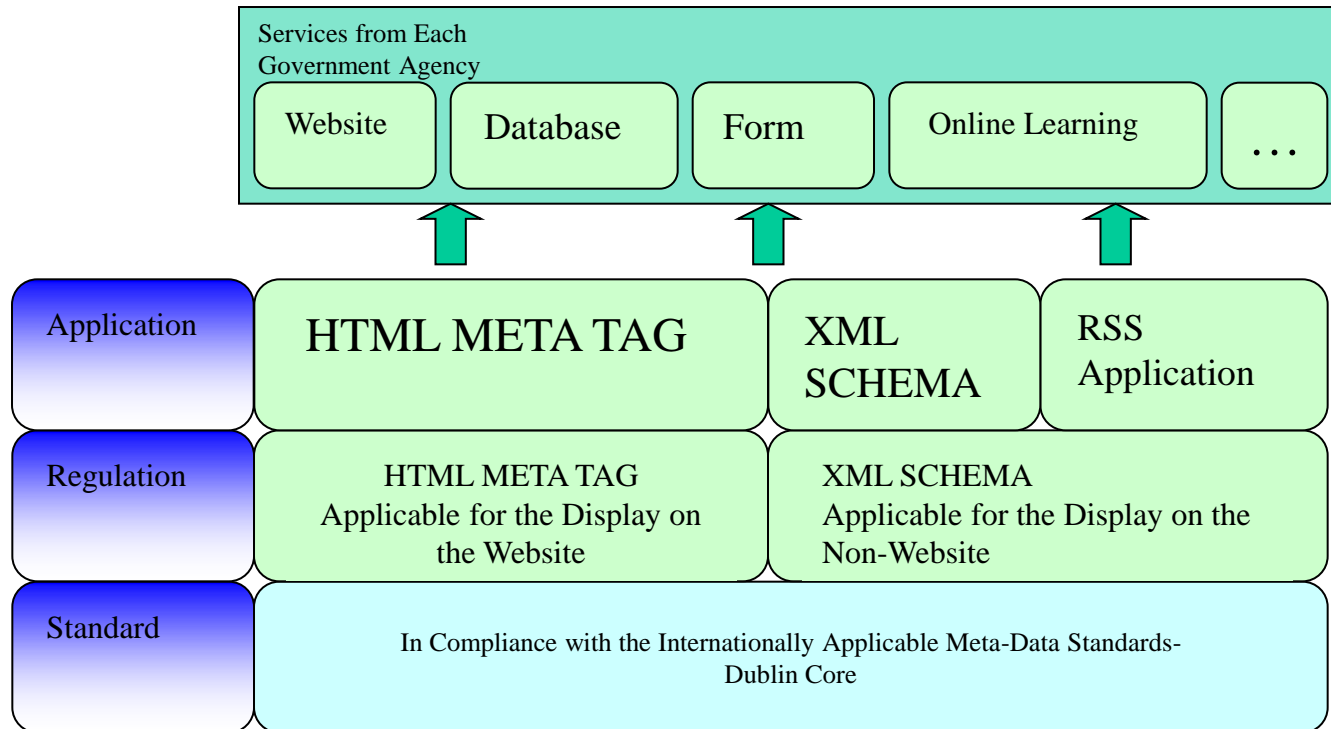
1. Each agency shall designate the unit to organize the circulation of the electronic data on the Internet.
2. In accordance with the regulations, label each associated category of electronic data and provide the classification and query services for the government portal website.
3. For the affairs involving security maintenance and intellectual property protection, it shall proceed in compliance with the applicable laws and rules.
4. In case of violating the rules and significant event or other urgent matter, the connection of the Government Entry Point with the specified agency shall be suspended.



Query Convenience for the General Public

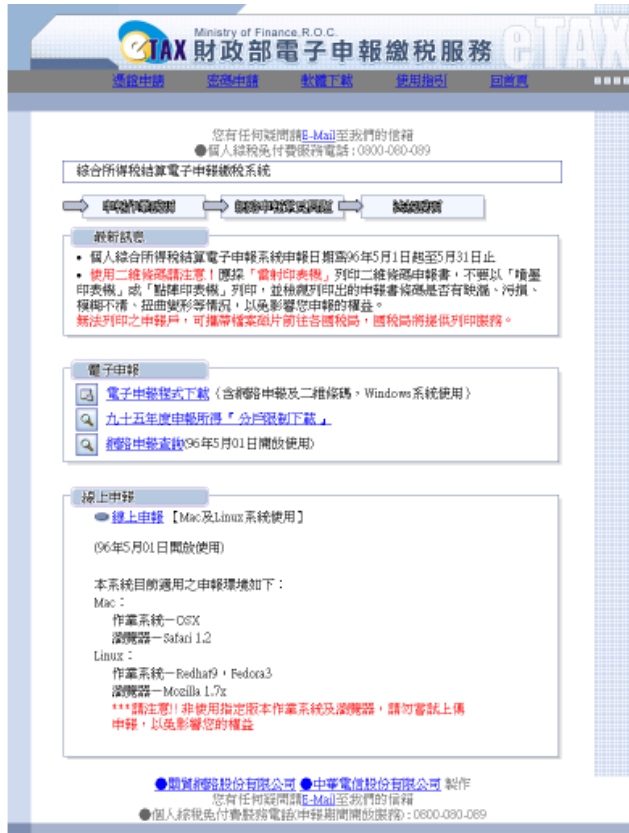
# Meta-Data Regulations Established

- Circulation of electronic data, meta-data, and classification and query regulations for the administrative bodies <http://www7.www.gov.tw/egov/category/02.pdf>



# Labeling of Data Categories on the Website

## Website Actually Seen

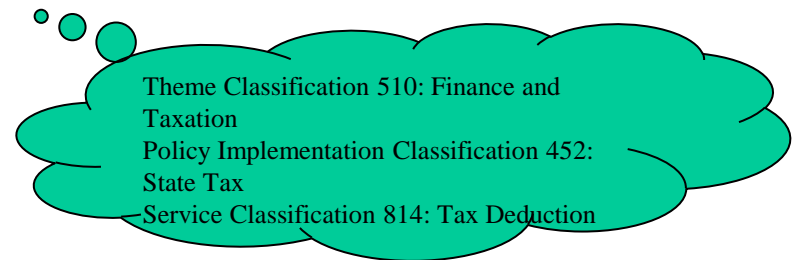


## HTML Meta Tag Application for the nature of the website

```

<html>
<head>
<meta name="DC.Title" content="Electronic Tax Filing for the
Consolidated Income Tax Computation" />
:
<meta name="DC.Publisher" content="Ministry of Finance" />
<meta name="Category.Theme" content="510"/>
→Theme Classification Code
<meta name="Category.Cake" content="452"/>
→Policy Implementation Classification Code
<meta name="Category.Service" content="814"/>
→Service Classification Code
:
</head>
<body>
:
</body>
</html>

```





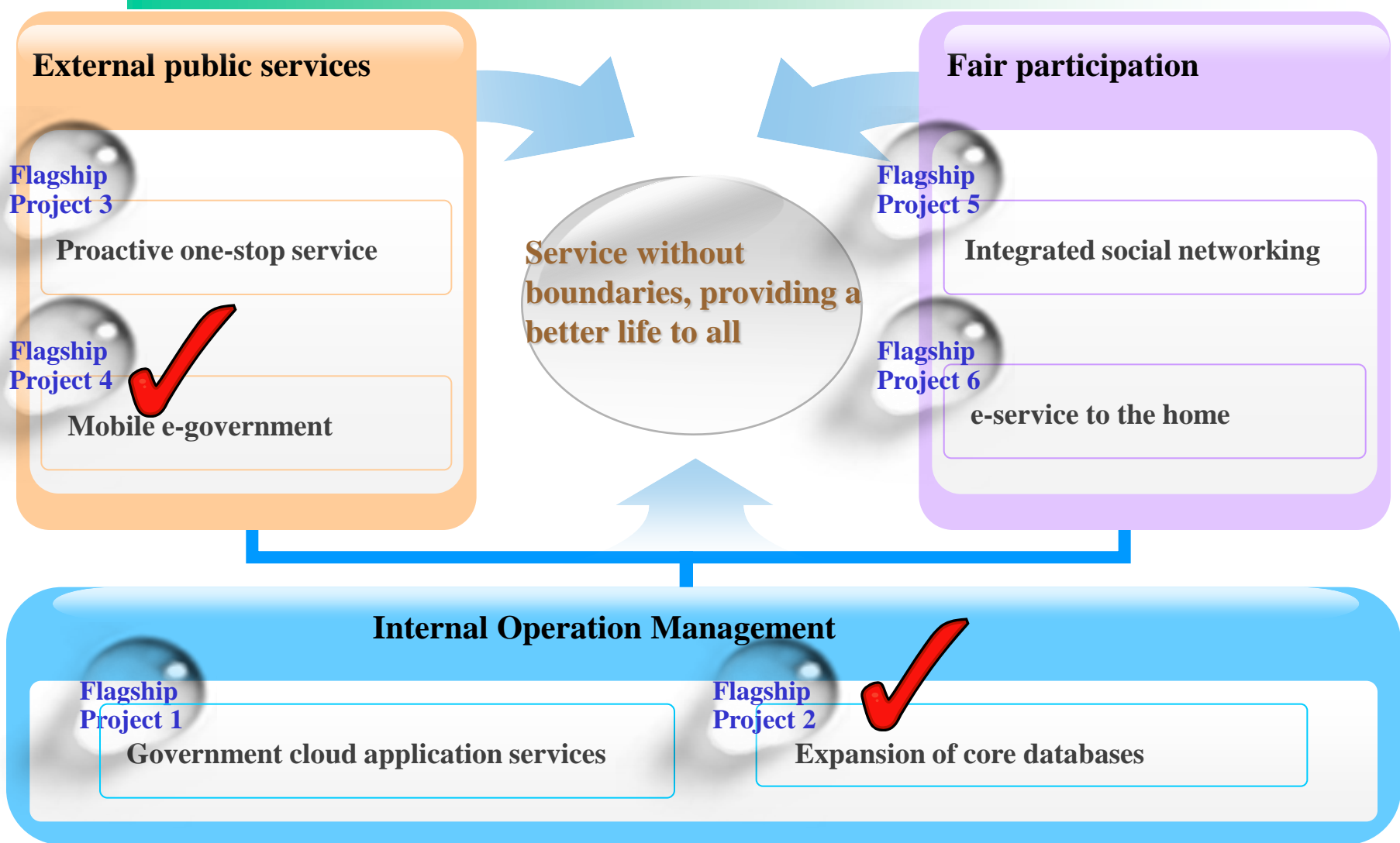
# Theme, Policy Implementation, and Service Data Classification

<b>Theme Category</b>	<b>Policy Implementation Category</b>	<b>Service Category</b>
Classification Methods Provided to the General Public and Colleagues of the Public Affair Nature	Classification Methods Provided Mainly to the Colleagues of the Public Affair Nature	Classification Methods Provided From the General Public's Perspectives
<ul style="list-style-type: none"><li>• Framework Principle: 3 categories in co-existence, multiple and diverse categories, and all are of the 3 layer classification structure. The theme is corresponding to the policy implementation category.</li><li>• Codification Principle: 3 digits as a single alphabetical and numerical code from 1 ~9 and A~Y. 0 means null, and Z takes thoroughness into consideration as the spare code.</li></ul>		
<p>3 Classification Characteristics:</p> <ul style="list-style-type: none"><li>• The classification names in the same level need to consider the consistency in the thematic terms for each level.</li><li>• The inter-contraction and thoroughness shall exist among the categories in the same level.</li><li>• The importance of various knowledge points and the degree of complexity for the details of the categories in the upper and lower levels shall be standardized and consistent.</li></ul>		

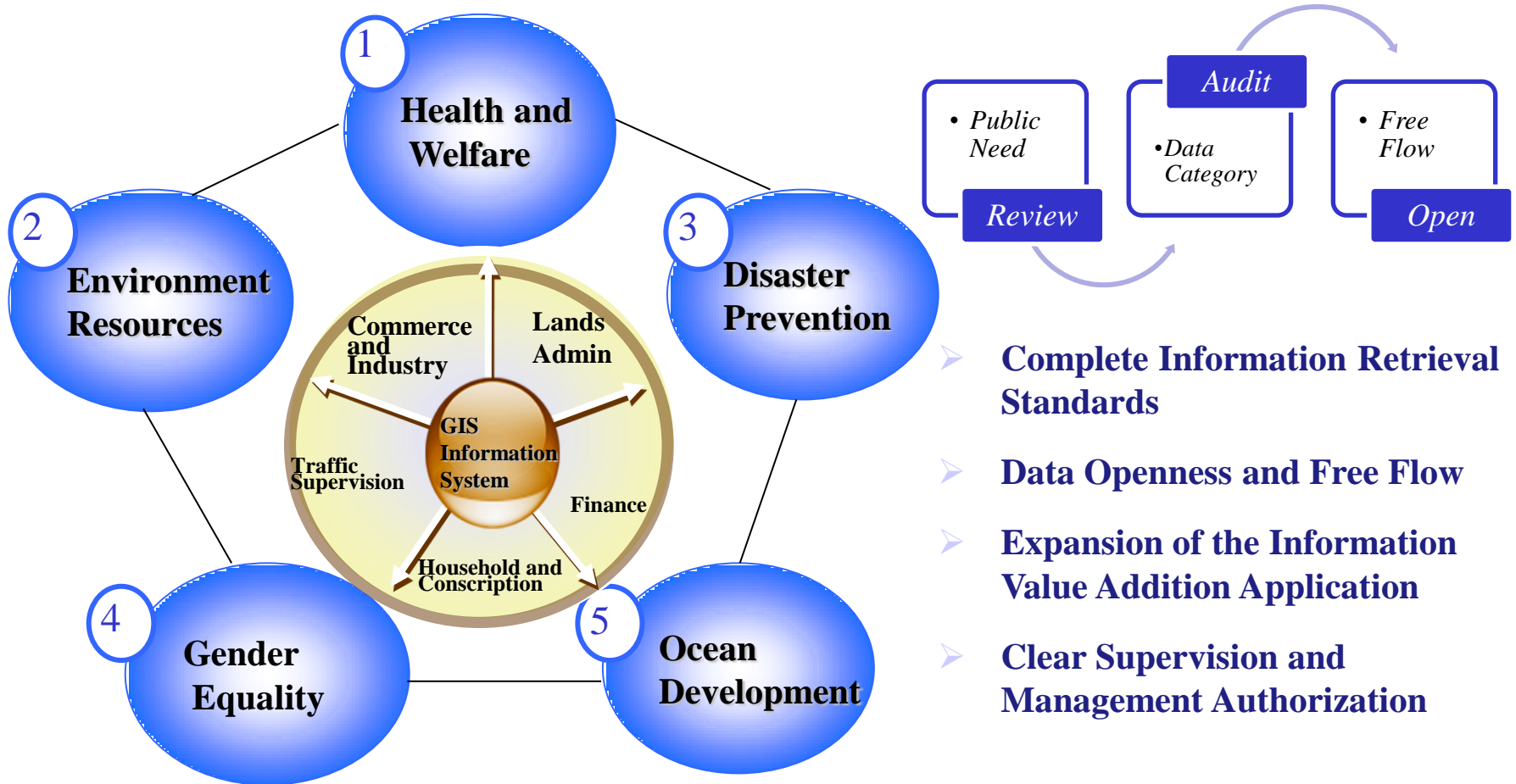
My EGov Enactment Principles for the Theme, Policy Implementation, and Service Categories

<http://www.gov.tw/egov/category/03.pdf>

# Continuous Incorporation of the Phase IV e-Government Flagship Projects (Approved on June 10, 2011)



# Flagship 2 : Expansion of core databases



- Complete Information Retrieval Standards
- Data Openness and Free Flow
- Expansion of the Information Value Addition Application
- Clear Supervision and Management Authorization

# Flagship 4 : Mobile e-Government



✓ **Mobile Services  
Development Guidelines**

✓ **Application Library**

## OS for mobiles

Symbian    Android

RI            MeeGo

M            iOS

Windows Phone

## Mobile devices

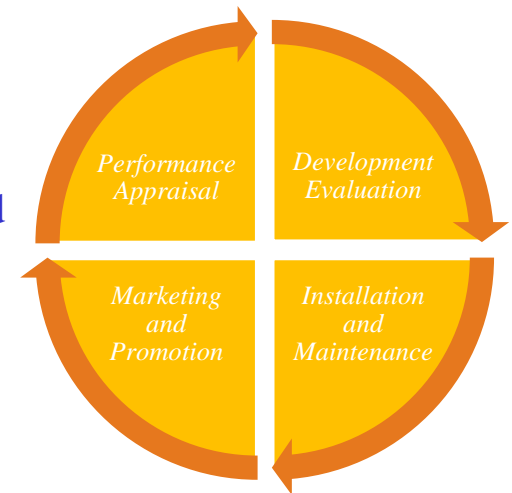


## LBS/GPS

Global Positioning System, mobile communication, navigation


## Mobile Service Development Operation Principles (Approved and Distributed on January 3, 2012)

- ❑ Each agency website shall simultaneously provide the mobile version of the website services.
- ❑ Before developing mobile application software, each agency better first evaluate the possibility of providing the government **data to the private sector for value addition and innovation application (Open Data)** prior to conducting the development itself.
- ❑ Evaluate the operation guidelines for the necessary unilateral development
  - Based on providing the active services as the content.
  - For achieving the simplified service flow, enhancing the service efficiency, and innovating the user experience.
- ❑ The mobile application software for each agency's website shall be first embedded into the "Mobile e-Government Service Promotion and Broadcasting Component" to link other agencies' services and jointly integrate and promote the government services.

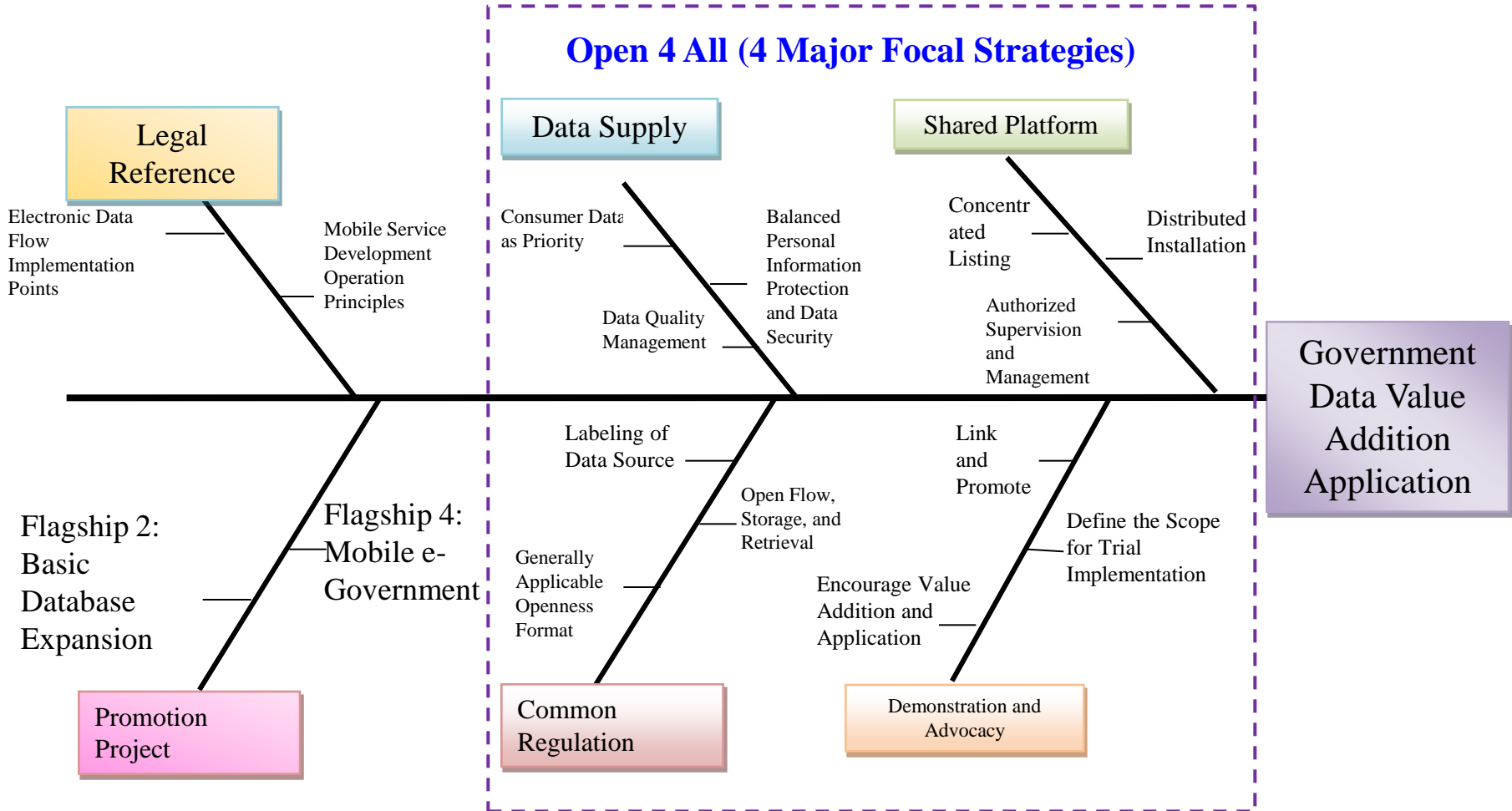


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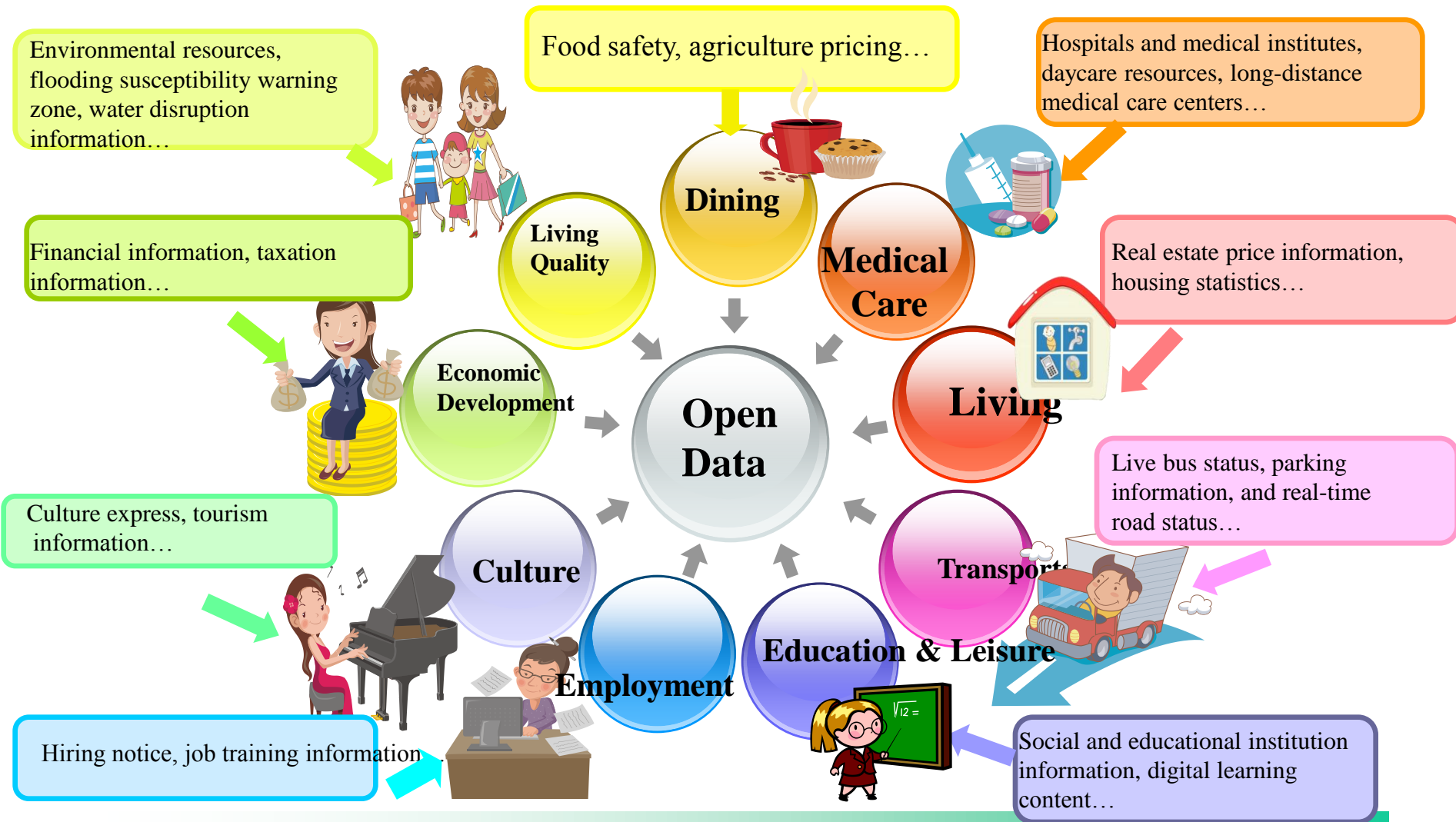
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# Promotion Strategy





# Focal Strategy 1: Data Supply – Consumer Data as Priority



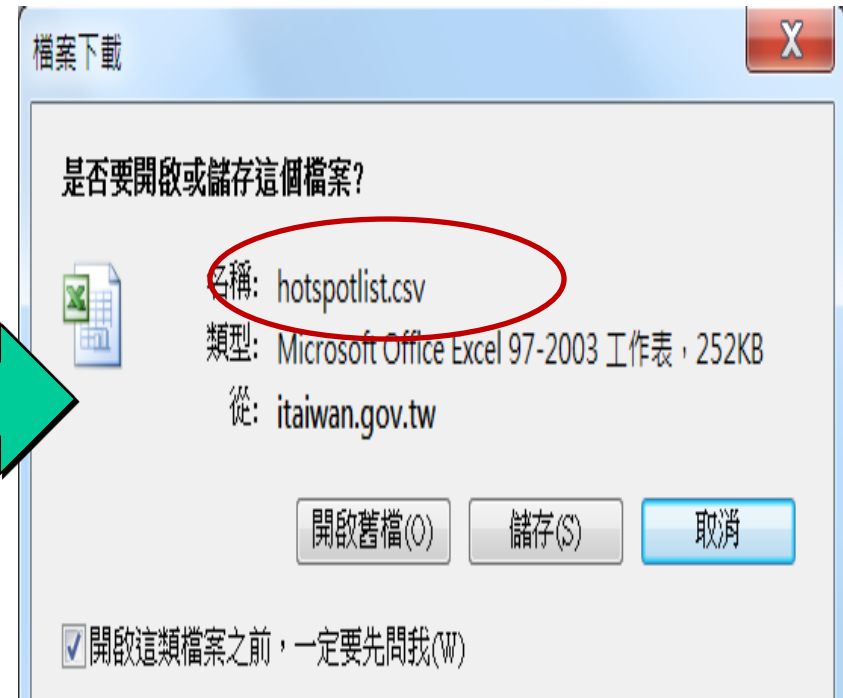
## Focal Strategy 2: Common Regulations- Regulation Enactment

- ★ Data uploaded onto the website and open for authorization, but the formats vary.
- ★★ Provide the structured data.
- ★★★ Use the non-specified format.
- ★★★★ Use the URI to mark the data for enabling the direct labeling/storage and retrieval/application of the single data entry in the datasets.
- ★★★★★ Link the data to other data and establish/provide the hints.

### Refer to the International Open Data formats for researching and developing the applicable regulations for Taiwan

- Establish the regulations to connect with the international community.
- Open data format, and data publication and query standards
- Manage the mobile data format as the priority.
- Data publication and inter-connection.
- Different free and service charge models.
- All data will be provided and noted with the source.

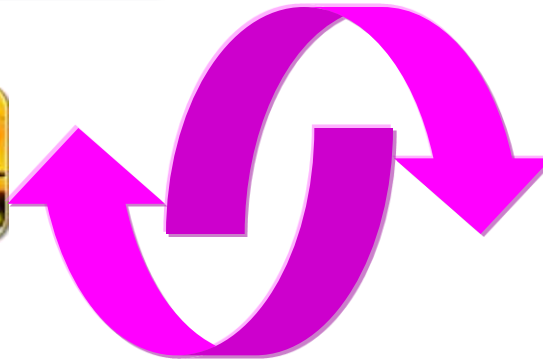
# Case: iTaiwan WiFi Service Hotspots Provided for Download in the .csv Format





# Focal Strategy 3: Shared Platform- Data Openness Service Platform

資訊分類： | Android | Apple | Mobile Web |



## Government Portal Website

### Installation of the Distributed, Concentrated, and Parallel Models

- The data of each government agency are disclosed on the website and provided to the private sector for value addition and utilization.
- The government portal website compiles and lists the government agency data for openness, value addition, and application.



Traffic and Transportation(23) Statistic Data(1)  
Administration/Politics (4) Public Security(10) Education (10)  
Culture and Arts(7) Health (6) Environmental Protection (22)  
Commerce and Economy(2) House and Building (1) Place and  
Facility (48)

## Open Information Platform for the Taipei City Government

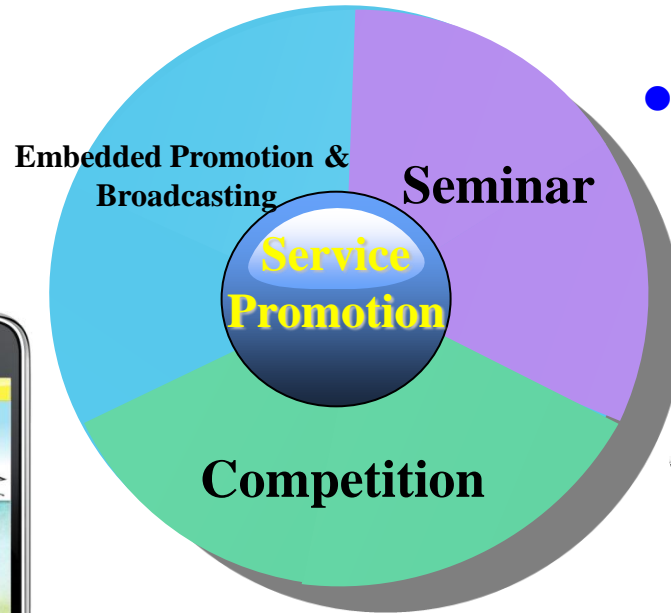
# Focal Strategy 4: Demonstration and Advocacy-Promotion of Data Openness, Value Addition, and Application Services

- Bus
- Public Toilet
- Highway
- Grand Palace
- Museum Services
- Museum Information
- Agriculture Information

...



Expand other government agencies' services after the click.



- Open Government Data: Current Status, Vision, and Strategy Forum
- Data Openness, Value Addition, and Application Promotion Strategy Meeting



- Information Service Innovation Competition
- APP Competition

# Challenge is the Opportunity: Case 1 for the Government Data Openness, Value Addition, and Application

## Open Data for Value Addition and Application by the Private Sector



# Challenge is the Opportunity: Case 2 for the Government

## Data Openness, Value Addition, and Application

- Promote and establish the PPP (Public and Private Partnership) operation model to create the trilateral win situation for the general public, government, and industry.

地政資訊網路e點通資訊服務

TAIPEI 新北 桃園

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顯示 地籍地價資料查詢-電子化版 系統介紹

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地籍資料查詢：  
包括土地標示部、土地所有權部、土地他項權利部、地籍圖、建物標示部、建物所有權部、建物他項權利部、建物測量成果圖、土地參考資訊、建物參考資訊、多目標地籍圖等功能。

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使用者可以使用已知門牌查詢所屬之地段、建號及地號，快速找出門牌所對應之地段、建號及地號。

異動索引：  
可查詢地號或建號之異動索引資料，提供有異動部別、登記原因、登記次序、登記日期、異動日期、收件年字號等。

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機關開辦申請  
練習區

重要訊息通告  
請求協助

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密碼

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# Conclusion

