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Data Economy & Open Data in Taiwan

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Sep 7, 2016

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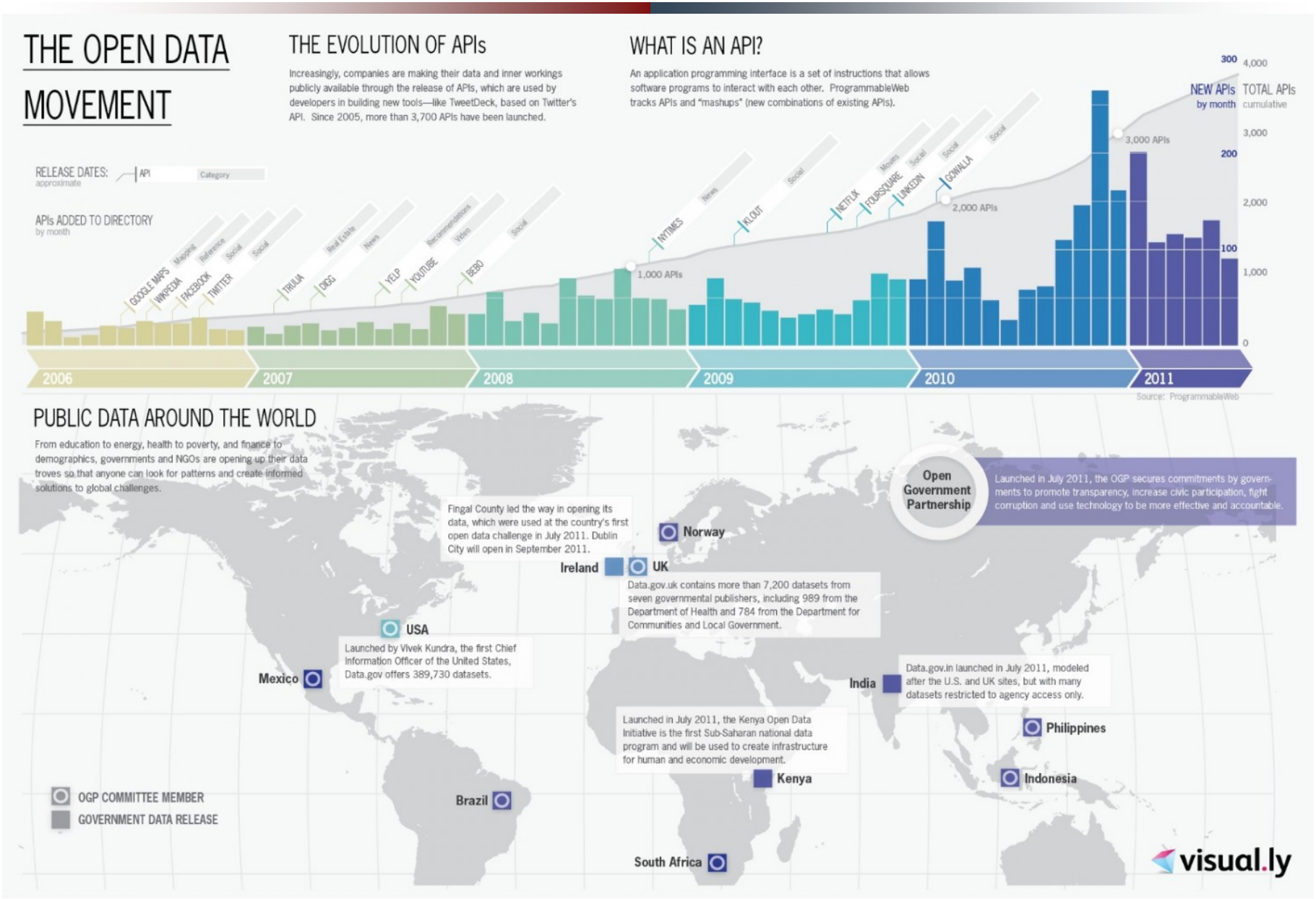
The Global Open Data Movement



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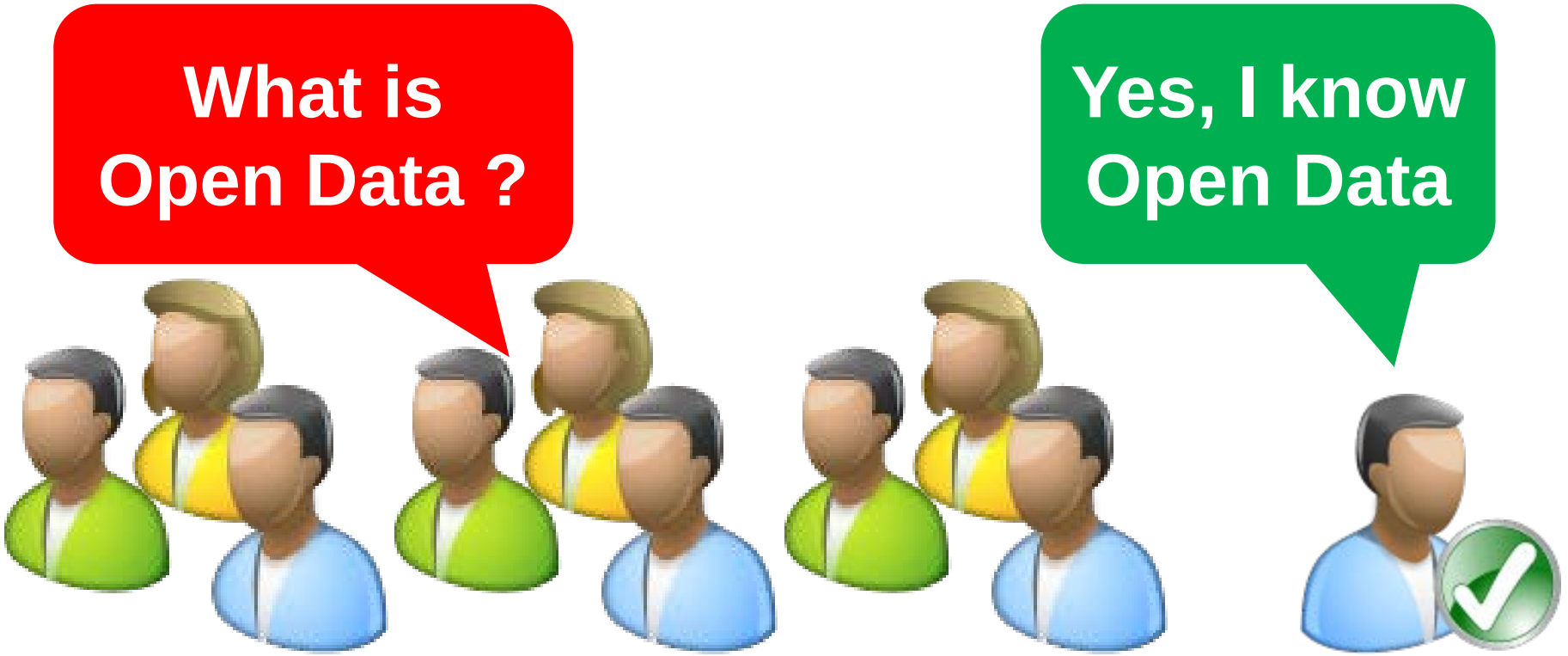
Taiwan Before Open Data – Public Awareness

Back to Sep, 2012



90%

10%

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Taiwan Before Open Data – Readiness of Government

~~Dataset~~

~~Format~~

~~License~~

~~Owner~~

~~Quality~~

~~Feedback Mechanism~~

Government Data

The famous scholar Kuangheng during the Han Dynasty circa 50 B.C. takes advantage of light entering through a crack in the wall.

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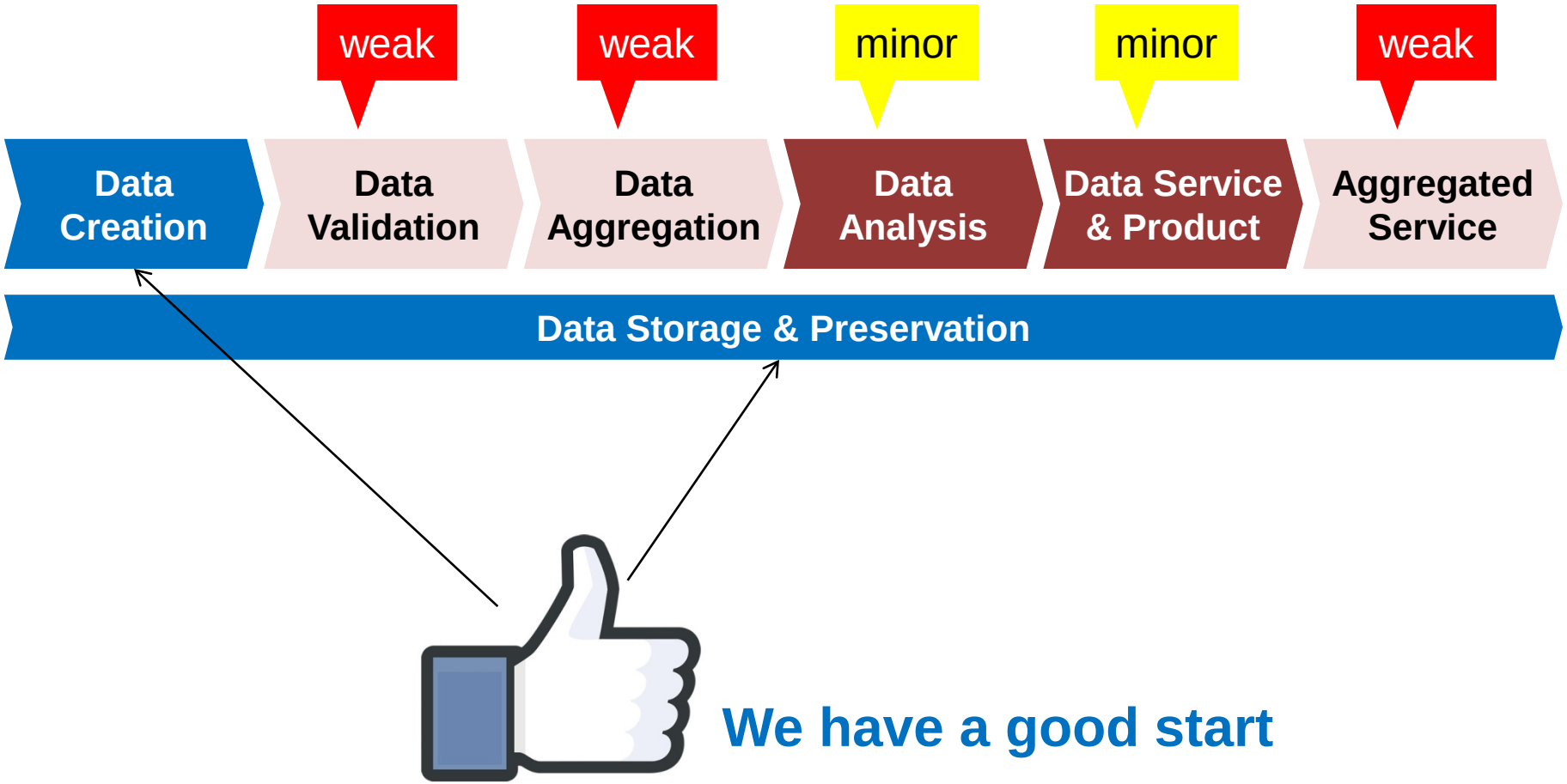
Taiwan Before Open Data – Readiness of Industries



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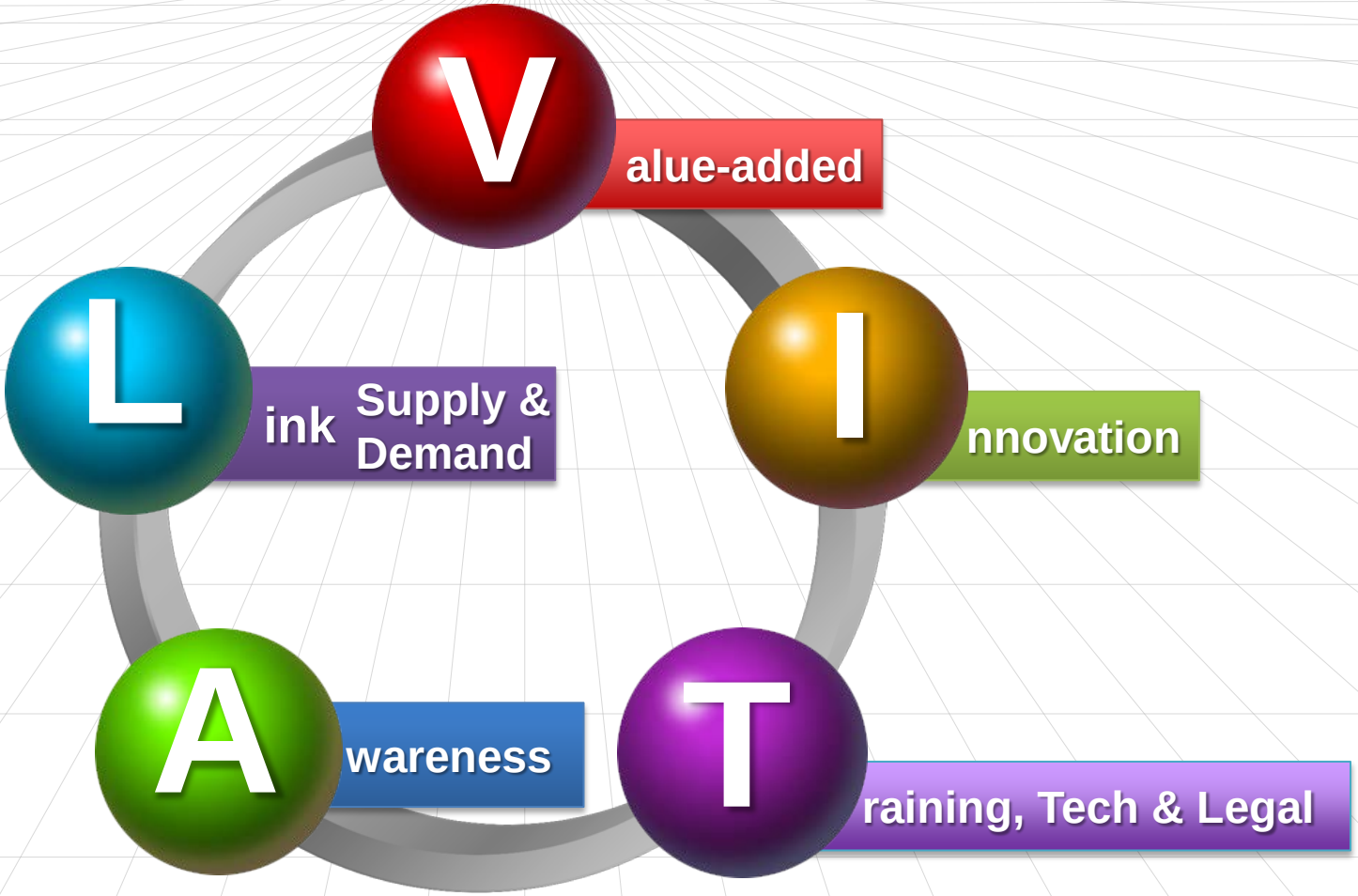
Promotion Strategies – VITAL



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Measures to Raise Awareness

GOV 零時政府

OpenStreetMap Taiwan

Forming Industrial Alliance

Joint Promotion

Companies **Civil Communities**

General Public

Events

Promotion

黑豬金礦幫

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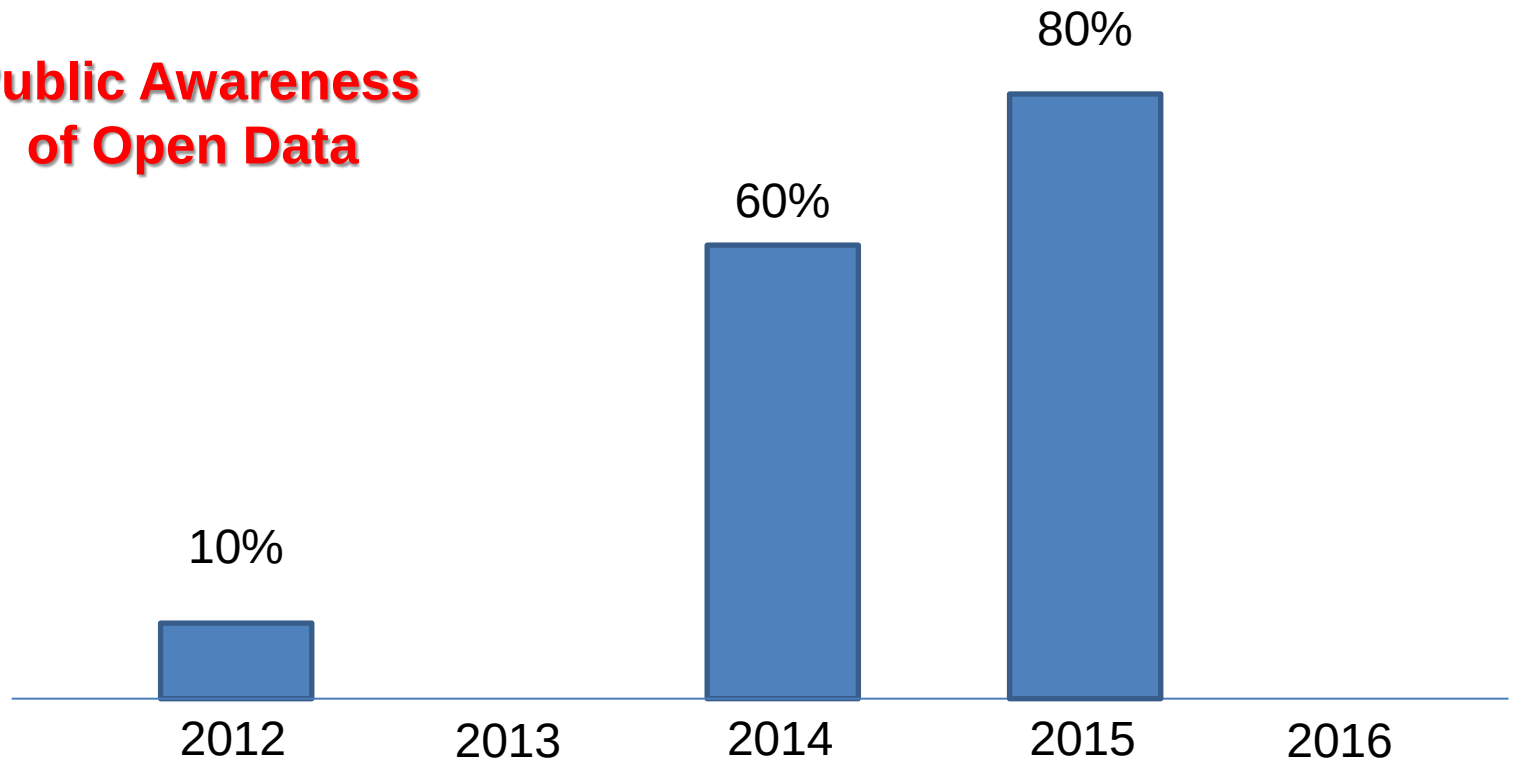
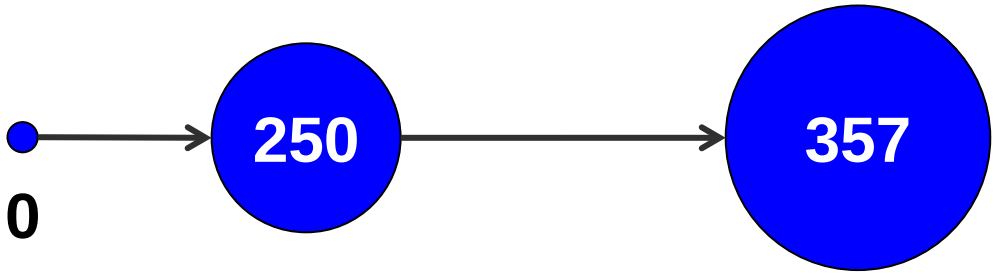
The Awareness Raised Up

Public Awareness of Open Data



Member of Open Data Alliance



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Measures to establish good development Environment

- Build government open data portal
- Licensing policy is compatible with CC 4.0

- Oversee quantity and quality issues in ministerial level
- Erase identification for personal data protection

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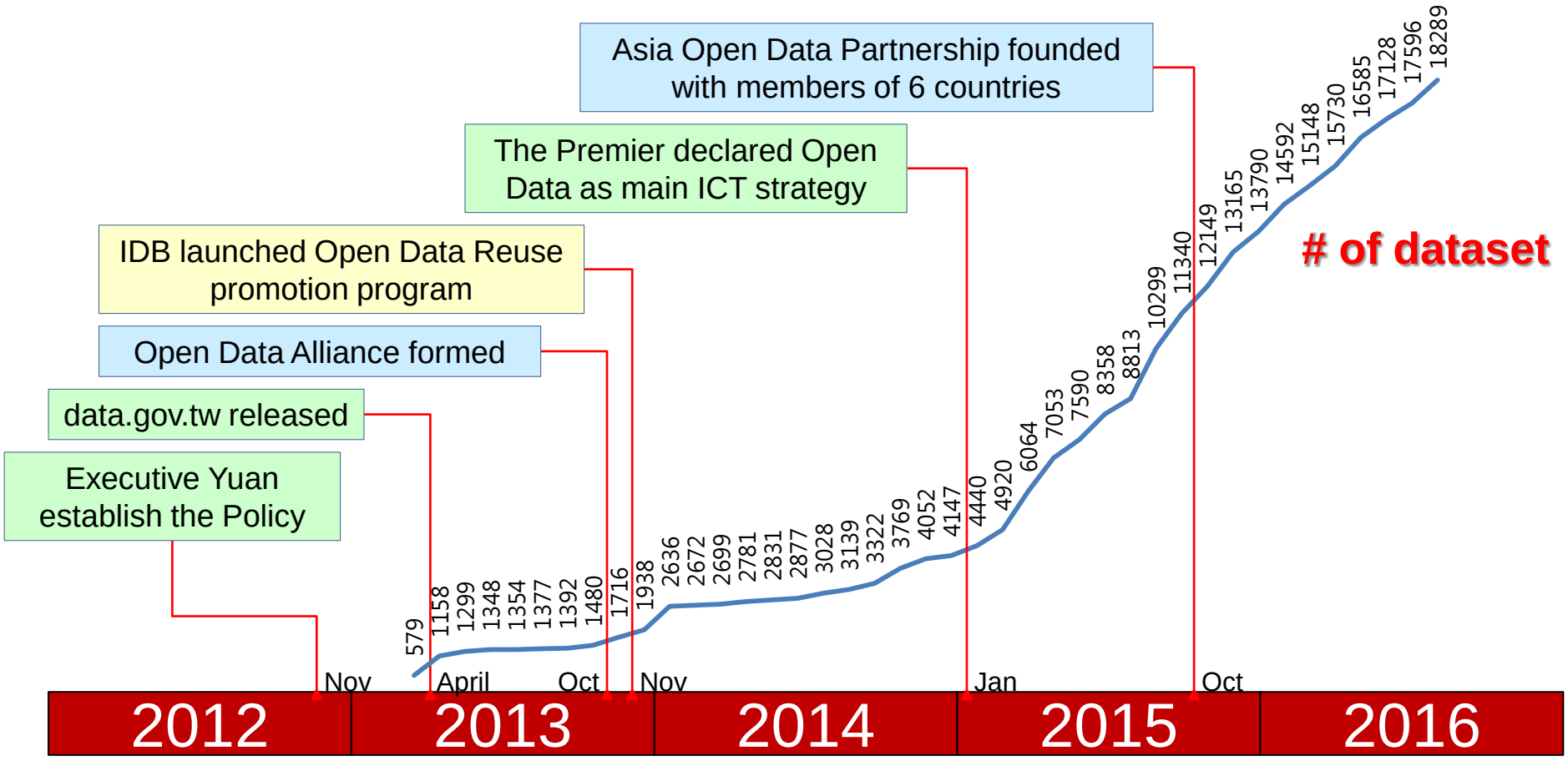
Datasets Accumulated



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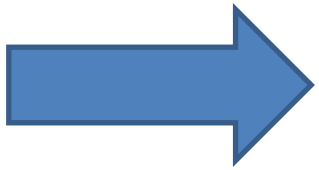
Precisely Match the Demand with Supply

380
Requirements Collected



160
Dataset Opened

- ✓ Environmental Data
- ✓ Business Site Survey
- ✓ Health & Medicine
- ✓ e-Commerce
- ✓ Food Safety
- ✓ Education
- ✓ Finance
- ✓ Transportation
- ✓ Disaster Prevention
- ✓ Logistics & Custom
- ✓ Highway (ETC Tag)
- ☐ ● ● ● (way to go)

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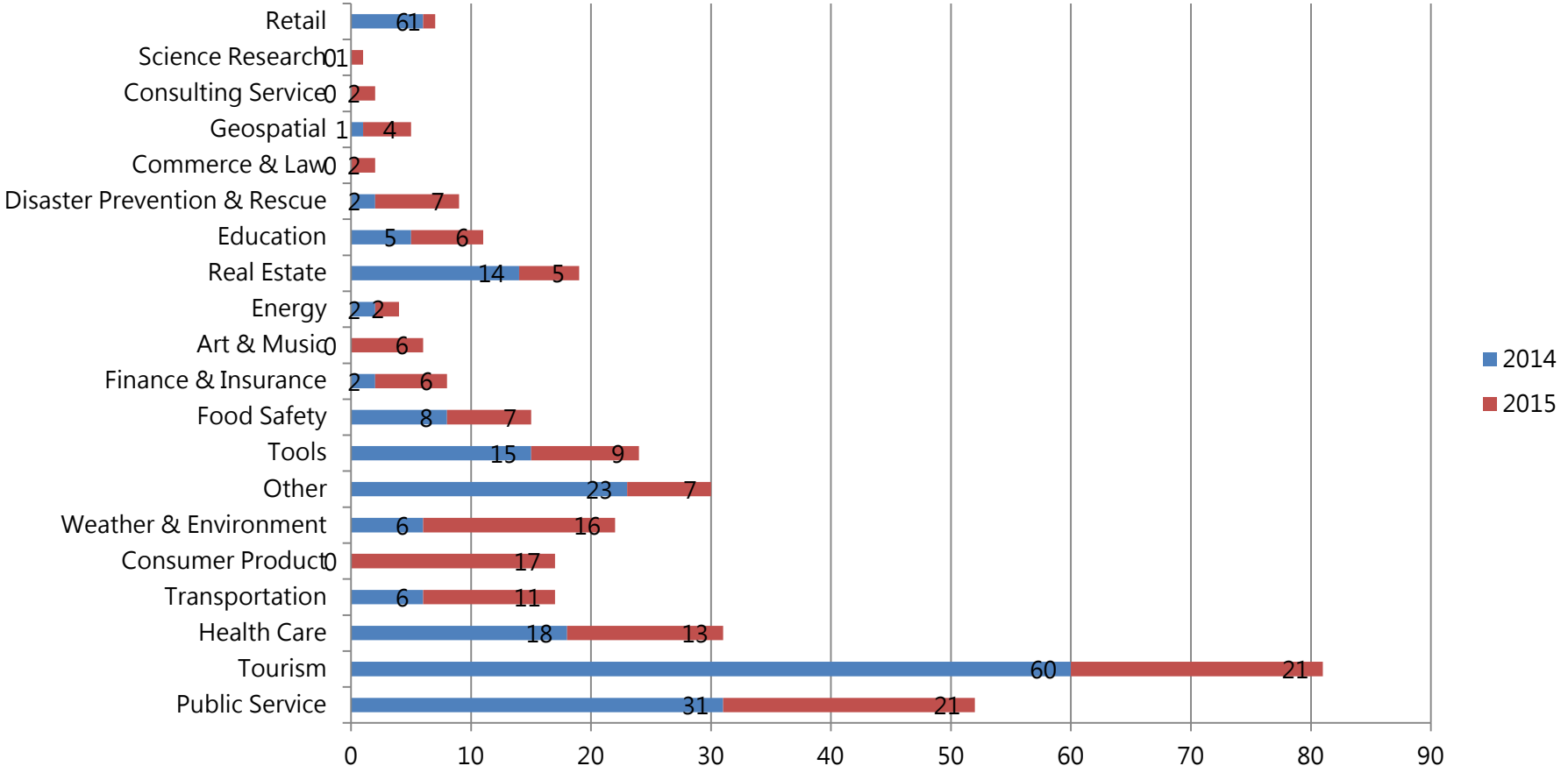
Stimulate Innovative Ideas

718 ideas proposed, 363 projects done



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Assist in R & D Programs

38 R&D Programs

377 datasets

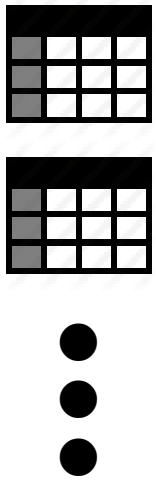
from

27 agencies

6 local gov.

in

19 Domains



Site Survey, Real Estate
Disaster Prevention, Logistics,
Financial, Agriculture
IT Tools, Health Care & Medicine

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Case 1: Precision Farming

- **A Farmer Enterprise**
- **80,000+ Farmers**
- **Productivity +19%**

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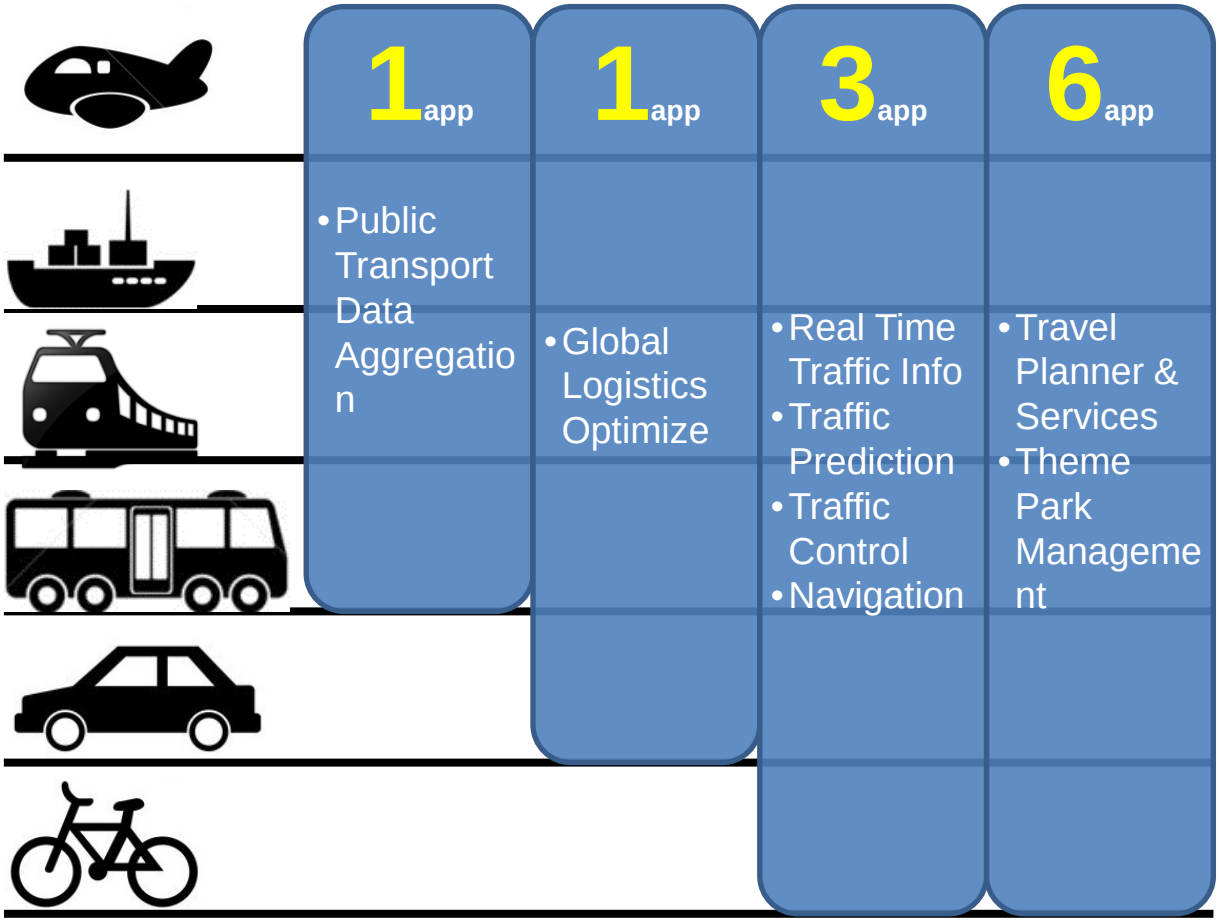
Case 2: Transportation Optimization

➢ Transportation, Logistics and Tourism



- 2 month time saved while developing Transport app
- 172 Logistic Companies & 150,000 Users delivers their goods faster & cheaper
- 2 hours (E) saved for commute & parking

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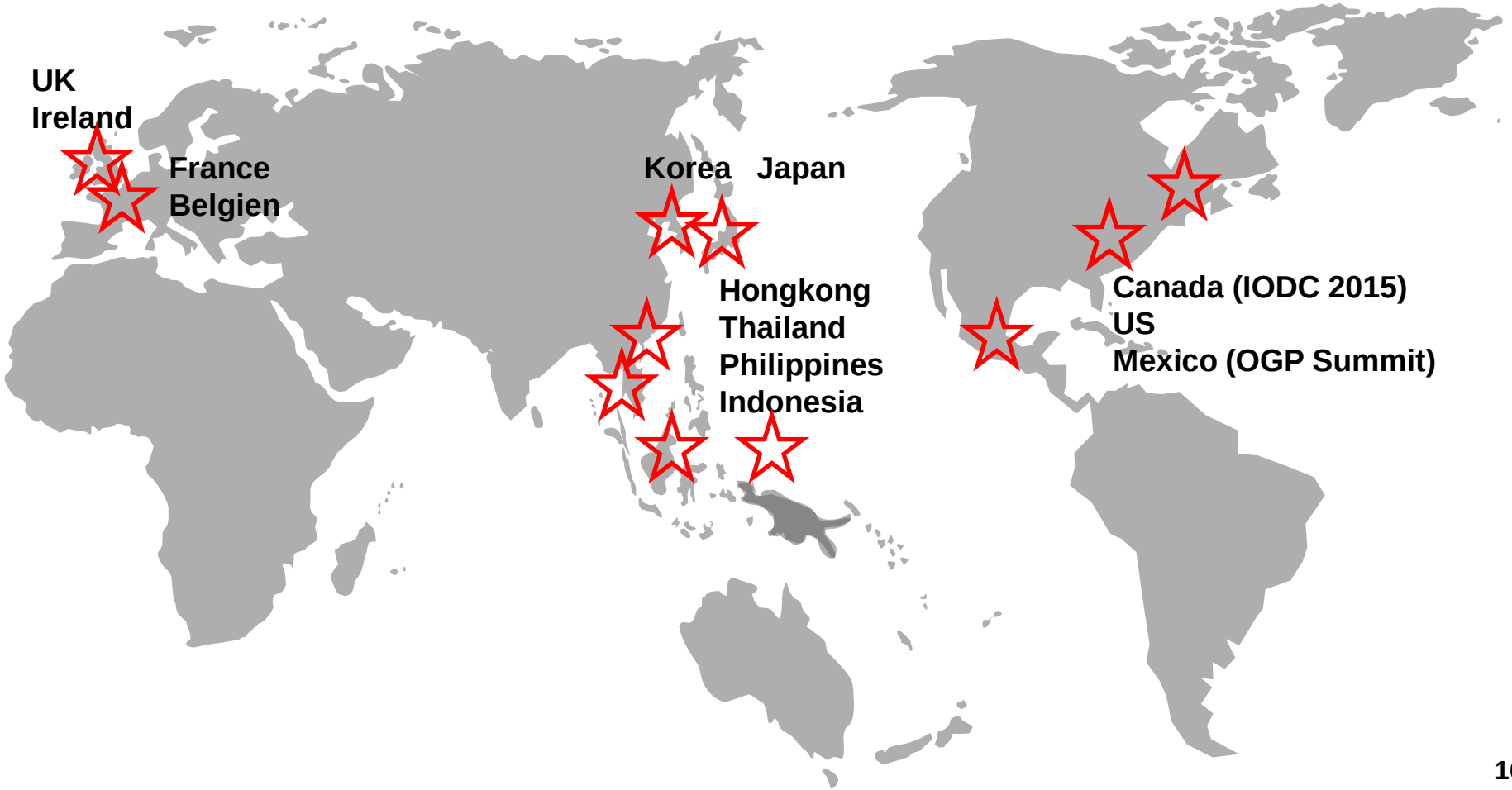
Reach Out to International Communities

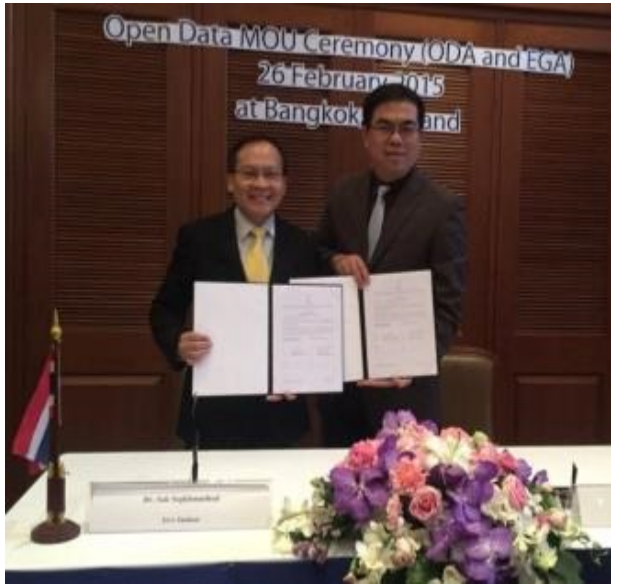
- **Opinion Exchange**
- **Joint Promotion**



Reach Out to International Communities

➢ International Cooperation

- MOU with ODI (UK)
- MOU with EGA (Thailand)
- MOU with Korea Open Data Center



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Reach Out to International Communities

- **Solving problems together**
  - **Taiwan/Hongkong Hackathon**

  - **Asia Hackathon (Taiwan/Thailand/Indonesia)**

Join Us Next Year !

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Global Ranking by the OKFN

GLOBAL OPEN DATA INDEX

Places

OPEN KNOWLEDGE INTERNATIONAL

Thank you for your attention