


Knowing and Improving



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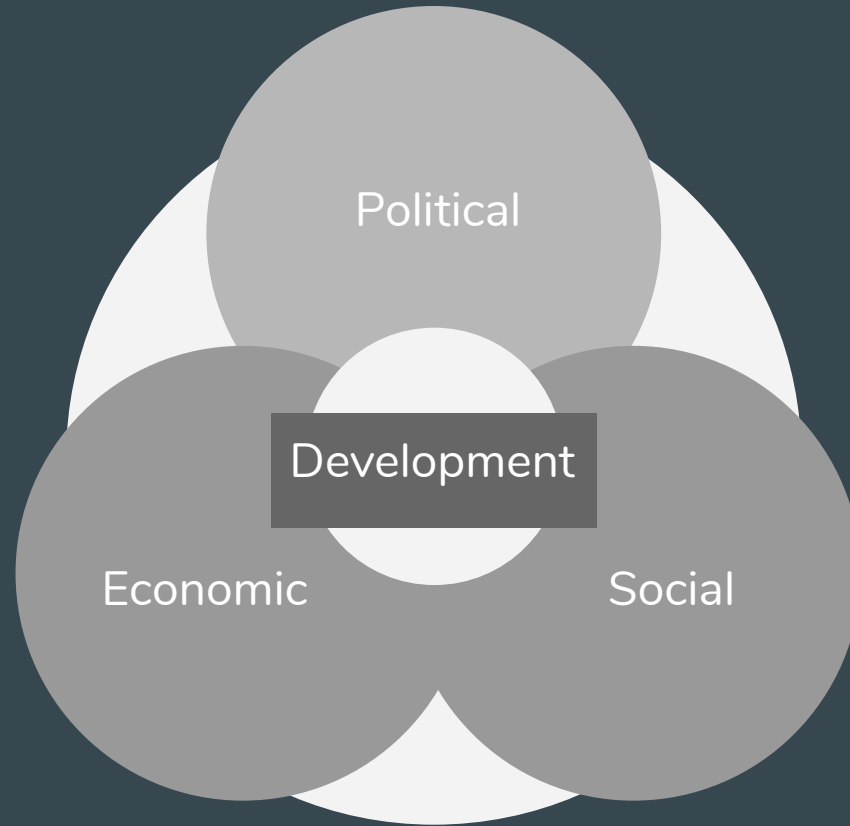
Open data

“A piece of data or content is open if anyone is free to use, reuse, and redistribute it – subject only, at most, to the requirement to attribute and/or share alike”

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- Enhanced transparency
 - Enhanced legitimacy
 - Improved policy-making
 - Enhanced engagement
 - Innovation and commerce

Statis

Action



Political (participation)

- Indonesian Elections
2014
Open electoral results
Enhanced legitimacy
- Vulekamali.gov.za
Treasury data
Participation in design
Participation in impact

Social (well being)

- New Zealand Earthquake
Open data response
Crisis and emergency
NZ\$4 million construction
saving
- Living Wage
Domestic worker
Consolidated datasets
Relationships
Potentially economic

Economic (opportunities)

- OpenUp and Sarpam Botswana and Nifedipine Informed decision-making Government benefit USD 1 million a year
- iCow Yield of 100% Citizen benefit Hyper-local user

South Africa does not have a specific open data policy, with access of state data being determined by the several laws depending on contextual circumstances such as nature of data, intended application, and privacy factors.

Wicked problems

Data and systems thinking

Emerging discourse

Privacy and personal data



Call for:

- The data
 - e.g. Open Development Cambodia
- Consider quality of data
 - e.g. Kenya and age, open data washing
- Utilisation of API
- Development of policies that enable, rather than hinder
- Presumption of openness (PAIA)
- Encourage and incentivise exploration and development
- Help manage risks
 - e.g. re-identification of personal information

Open Data Impact Factors

| Problem and Demand Definition | Capacity and Culture | | Governance | Partnerships | Risks | |
|--------------------------------|--|--|--------------------------|---|------------------------|--|
| U User Research | | | | | Pr Privacy Concerns | |
| C Causes and Context | Di Data Infrastructure | | | Od Open by Default (and other principles) | Dh Data Holders | Ds Data Security |
| Rf Refinement | Pu Public Infrastructure | Se Skills & Expertise | | Fi Freedom of Information and other Policies | I Intermediaries | Dm Poor decision-making due to faulty information |
| Bg Benefit and Goals | Lp Tech Literacy & Internet Penetration | Fl Feedback Loops | M Performance Metrics | Dq Data Quality | De Domain Experts | Pa Entrenching power asymmetries |
| Da Data Audit and Inventory | Rb Cultural/ Institutional Roadblocks | Rs Resource Availability and Sustainability | Rm Risk Mitigation | R Responsiveness | Co Collaborators | Ow Open washing |

Courtesy: govlab.org 2020

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