



Civic Tech, Open Data, and Enabling Citizen Participation in Indonesia

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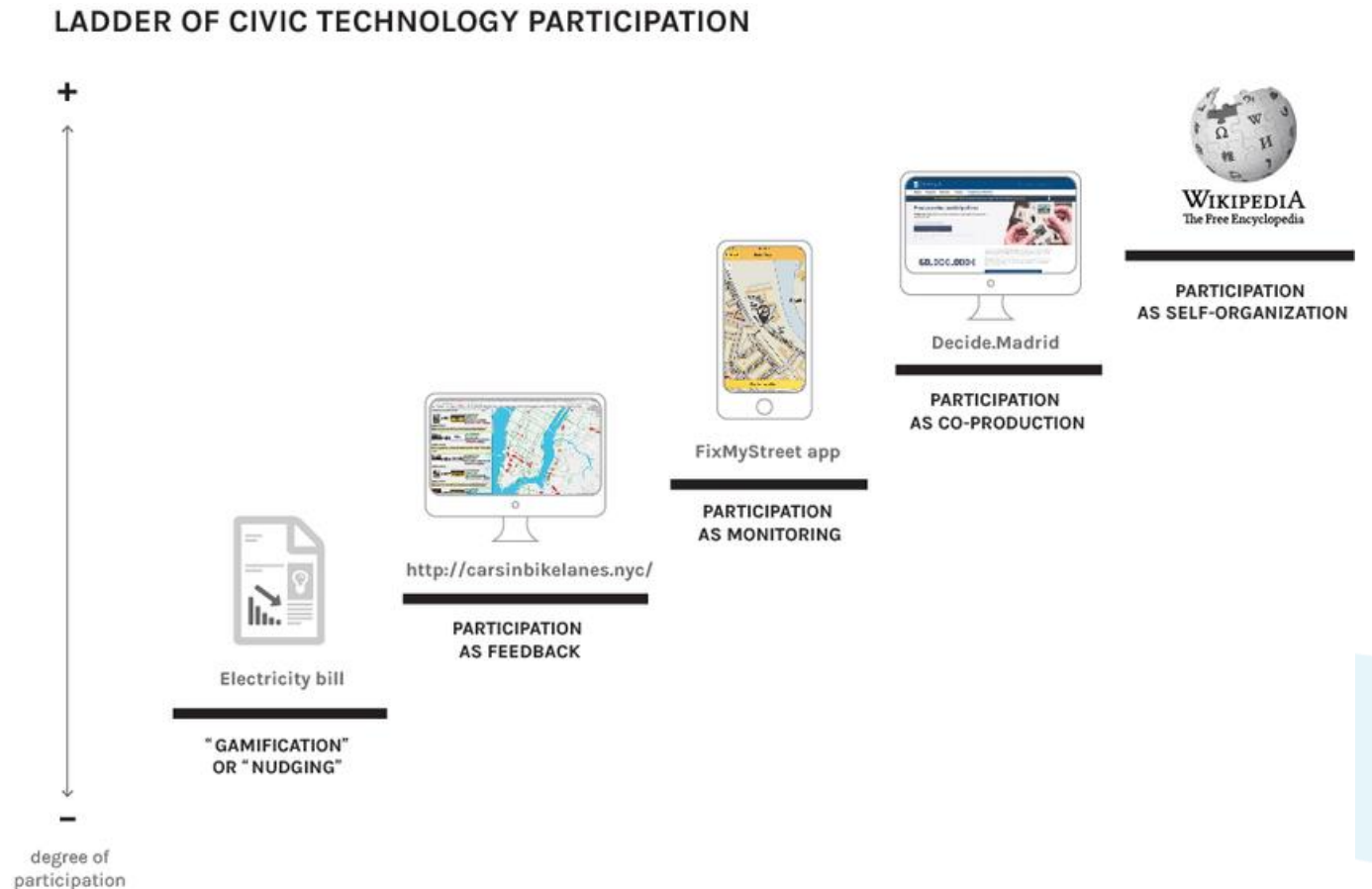


Civic Tech: Enabling citizen participation

Civic Tech: a technology that enables engagement, participation or improves the relationship between the people and government by enhancing citizen communications and public decision.

Unique values of information technology:

- Supporting **two-way flow** of information
- Reducing **information asymmetries**
- Facilitating **recurring interaction**



Source: <https://www.researchgate.net/figure/Schema-for-the-ladder-of-civic-technology-participation-based-on-D-Offenhubers-Civic-fig1-319561002>

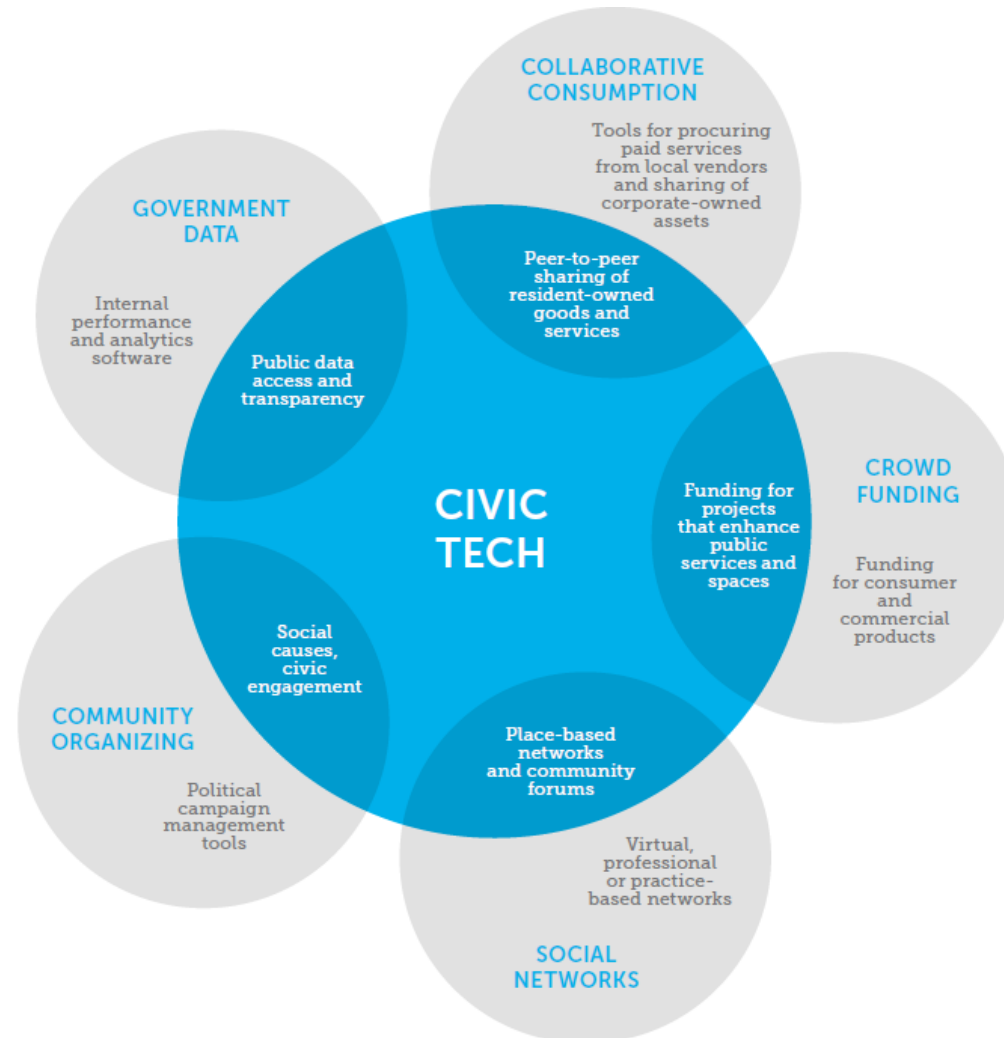
Open Data-enabled citizen Participation

Theme 1: Open Government

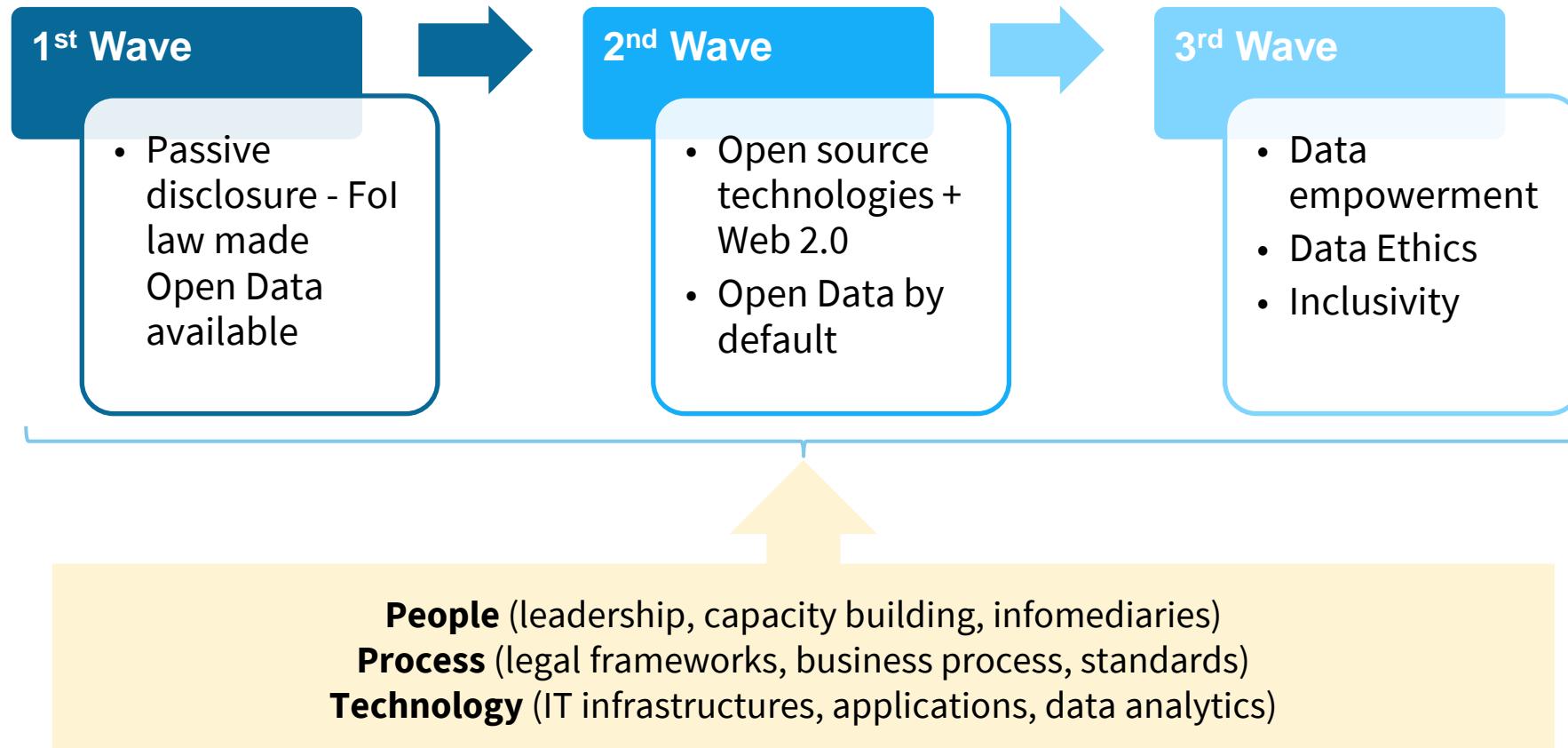
- **Data access & Transparency** (Open Data)
- **Data utility**
- Public Decision Making
- Resident Feedback
- **Visualization & Mapping**
- Voting

Theme 2: Community Action

- Civic crowdfunding
- Community Organising
- **Information Crowdsourcing**
- Neighborhood forums
- Peer-to-peer forum



Open Data Evolution: From Increasing Transparency to Engaging Citizens



Country Focus

Indonesia (2018)



Score Change
(Since First Edition)
+17

Score
37

Readiness
49

Implementation
45

Impact
17



Open Data in Indonesia is improving, but progress remains slow.

- +17 score change since the first edition of ODB
- Significant improvement in the Implementation score.

Key highlights



- **Civil society engagement remains strong.** Government collaboration with civil society on projects fostering innovation shows promising support for open data at regional and national levels
- **15 high-value datasets** surveyed
 - 13 available online
 - 6 available for download in a machine-readable format
 - 3 available in bulk.
- Lack of **visible impact** of open data in the country.

READINESS														
COUNTRY	GOVERNMENT POLICIES			GOVERNMENT ACTION			CITIZENS AND CIVIL RIGHTS			ENTREPRENEURS AND BUSINESS				
Indonesia	39.00			52.00			61.00			43.00				

IMPLEMENTATION															
DATASET SCORED	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Indonesia	40	5	65	45	5	30	50	60	65	50	50	60	65	45	45
Does the data exist?	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Is it available online from government in any form?	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Is the dataset provided in machine-readable and reusable formats?	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Is the machine-readable and reusable data available as a whole?	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Is the dataset available free of charge?	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Is the data openly licensed?	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Is the dataset up to date?	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Is the dataset being kept regularly updated?	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Was it easy to find information about this dataset?	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Are data identifiers provided for key elements in the dataset?	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

IMPACT			
COUNTRY	POLITICAL [Ⓞ]	SOCIAL [Ⓞ]	ECONOMIC [Ⓞ]
Indonesia	30.00	10.00	10.00

What's Next?

- **Publishing with Purpose** - provide data assets that match public interests;
- **Fostering Partnerships and Data Collaboration** - forging relationships with other key stakeholders (NGOs, private sectors, academics, others) who understand how data can be translated into meaningful impact;
- **Advancing Open Data at the Subnational Level** - provide resources to cities/municipalities and provinces to address the lack of subnational data; and
- **Prioritizing Data Responsibility and Data Rights** - understanding the risks of using (and not using) data to promote and preserve the public's general welfare.

Legal frameworks

(Open by Default, Data privacy law, Citizen-generated data)

Common data standards

(Perpres Satu Data)

Data literacy

(Digital Talent)

Inclusivity

(Gender equity, Indigenous data sovereignty)

Data infrastructure

(Pusat Data Nasional, Broadband)

Emerging technologies

(5G, Blockchain, AI/Machine Learning etc)

Thank you!

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