

<b>Non-profit organisation (NPO)</b>	<b>Type of project/mission</b>	<b>Initiative in focus</b>	<b>Activities performed</b>	<b>Source(s)</b>
Perkumpulan IDEA Indonesia	Advocating for transparency, participation and local budget accountability	Citizen-led budget transparency open data project (OD4Transparency), an initiative run by the Open Data Lab Jakarta	Providing budget data in machine-readable and open formats for ten government offices; producing tools and budget analysis in both online and offline formats (e.g. the budget newspaper)	(Maail 2017)
The E-Net Philippines	Working on education reforms to ensure that quality education becomes a basic human right for all	Capacity building of local school boards to utilise Special Education Fund's data, supported by the Open Data Lab Jakarta	Organising a workshop; developing a toolkit of Special Education Fund's open data; disseminating strategy on Special Education Fund's open data	(Maail 2017)
Monithon	Developing an initiative to promote the civic monitoring of government spending	N/A	Carrying out qualitative investigations to assess projects' performances; publishing monitoring reports; organising workshops and laboratory sessions to support data skills development; creating a training toolkit for citizens	(Reggi and Dawes 2016; Gascó-Hernández et al. 2018)
Number of NPOs analysed	Budget transparency	N/A	Organising hackathons and competitions; scraping data; implementing platforms	(da Silva Craveiro and Albano 2017)
Number of NPOs analysed	Various missions/objectives	N/A	Creating a platform consolidating and translating raw data into usable data; publishing reports; demanding data from the local government; pointing out the lack of data to the government	(Schalkwyk et al. 2015)

The Open Institute (among partners from other sectors)	Promoting responsive governments that have the necessary capacity to listen and engaging fruitfully with citizens and active citizenship by citizens who are informed and fact-driven	Code4Kenya initiative to develop applications that would create demand for government data, create institutional change, and change the way citizens engage with the government	Developing portals/applications; creating data visualisation tools; aggregating data; building data repository	(Mutuku and Mahihu 2014)
Four different NPOs	Strengthening communities with data by connecting communities with data or/and by helping to make better decisions	N/A	Aggregating or integrating the data; supporting communities' use of secondary data; developing data tools; analysing and interpreting the data; providing training	(Yoon, Copeland, and McNally 2018)
Non-specified NPOs	Not-specified	Hackathons	Organising hackathons; providing the data; connecting stakeholders; providing financial support	(Juell-Skielse et al. 2014)
BudgIT	Simplifying Nigerian budget and public data, making it accessible to the general public	N/A	Developing tools; writing reports; visualising the data; organising educational events to provide non-internet based participation alternative	(Enaholo 2017)
Connected Development (CODE)	Improving access to information in order to empower local communities	N/A	Developing platforms; creating visualisations; conducting research; organising trainings and workshops; interpreting the data; advocating for government transparency	(Enaholo 2017)
Public and Private Development Centre (PPDC)	Aiming to increase citizens' participation in governance processes by enabling access to public contracting information	N/A	Monitoring and evaluating capital projects initiated by the government; producing and disseminating reports through social media and radio programmes; developing web platform; advocating for the sustained and proactive disclosure of government data; organising educational programmes	(Enaholo 2017)

Number of NPOs (NGOs) analysed	Not-specified	N/A	Creating searchable databases; developing web portals and mobile applications; connecting public, government, and private stakeholders; disseminating information; creating visualisations; producing reports	(Johnson and Greene 2017)
The Barcelona Open Data Initiative (Barcelona Iniciativa Open Data)	Encouraging publication and use of open government data in the context of the metropolitan area of Barcelona	N/A	Providing training programme to educate citizens in the basic skills needed to use and make sense of open government data; organising a training programme that targets open government data professionals or an organisation; building public awareness of open government data	(Gascó-Hernández et al. 2018)
Number of NPOs analysed	Collecting and disseminating information in areas of budget and governance expenditure, education, electoral and parliamentary transparency, environment, and urban development	India Biodiversity Portal (Strand Life Sciences), India Energy Portal (The Energy and Resources Institute), India Environment Portal (Centre for Science and Environment), India Urban Portal (National Institute of Urban Affairs), and India Water Portal (Arghyam)	Producing analytical briefs, detailed reports, and infographics for print media; creating online visualisations and printed materials; cleaning and analysing the data; re-sharing data requested from the government; collating datasets	(Chattapadhyay 2014)
Open Knowledge Foundation Germany	Supporting the spread of not only open data but open knowledge	N/A	Developing the international Open Definition for open data; coordinating collaborations; organising open source projects; providing training for other intermediaries; developing applications; lobbying for an institutional change	(Baack 2015)

Number of NPOs analysed (Open Data Organisations; Civic Hacking Organisations; Community-Based Information Service Organisations)	The goal is to make government data available for further use or to work with administrative and other data to enable public discourse regarding government transparency, community involvement and civic engagement on a local level	N/A	Publishing open data for further analytics and use; analysing and distributing civic statistics, maps and other information of interest for civic and public discourse; connecting information services to specific cities, communities and neighbourhoods through analytics, content creation, visualisation, mapping and other methods	(Thakuria, Dirks, and Keita 2017)
OpenUp	Using data and technology to promote informed decision making that drives social change	N/A	Developing a “living wage calculator” tool; holding training events for the general public	(Ricker, Cinnamon, and Dierwechter 2020)
Violence Prevention through Urban Upgrading	Promoting safe and integrated communities, and to mitigate social and economic exclusion through a range of community-based development projects	Projects promoting access to sanitation and monitoring informal settlements	Developing the CitySpec mobile application; providing training; completing a census of informal settlements	(Ricker, Cinnamon, and Dierwechter 2020)
The Social Justice Coalition	Supporting data-driven mobilisation with the goal of using data to empower locals to confront city government regarding service delivery	Project promoting access to sanitation	Collecting data and generating reports based on social audits; engaging with local residents of informal settlements to collect data	(Ricker, Cinnamon, and Dierwechter 2020)

## References:

- Baack, Stefan. 2015. 'Datafication and empowerment: How the open data movement re-articulates notions of democracy, participation, and journalism', *Big Data & Society*, 2: 1-11.
- Chattapadhyay, Sumandro. 2014. "Access and use of government data by research and advocacy organisations in India: A survey of (potential) open data ecosystem." In, 361-64. Association for Computing Machinery.
- da Silva Craveiro, Gisele, and Claudio Albano. 2017. 'Open data intermediaries: coproduction in budget transparency', *Transforming Government: People, Process and Policy*.
- Enaholo, Patrick. 2017. 'Beyond mere advocacy: CSOs and the role of intermediaries in Nigeria's open data ecosystem.' in Stefaan G Verhulst François van Schalkwyk, Gustavo Magalhaes, Juan Pane & Johanna Walker (ed.), *The Social Dynamics of Open Data*.
- Gascó-Hernández, Mila, Erika G. Martin, Luigi Reggi, Sunyoung Pyo, and Luis F. Luna-Reyes. 2018. 'Promoting the use of open government data: Cases of training and engagement', *Government Information Quarterly*, 35: 233-42.
- Johnson, P. A., and S. Greene. 2017. 'Who are government opendata infomediaries? A preliminary scan and classification of open data users and products', *URISA Journal*, 28: 9-18.
- Juell-Skielse, Gustaf, Anders Hjalmarsson, Elea Juell-Skielse, Paul Johannesson, and Daniel Rudmark. 2014. 'Contests as innovation intermediaries in open data markets', *Information Polity*, 19: 247-62.
- Maaail, Arthur Glenn. 2017. 'The relational impact of open data intermediation: Experience from Indonesia and the Philippines.' in Stefaan G Verhulst François van Schalkwyk, Gustavo Magalhaes, Juan Pane & Johanna Walker (ed.), *The Social Dynamics of Open Data*.
- Mutuku, Leonida, and Christine Mahihu. 2014. 'Open data in developing countries: Understanding the impacts of Kenya open data applications and services'.
- Reggi, Luigi, and Sharon Dawes. 2016. "Open government data ecosystems: Linking transparency for innovation with transparency for participation and accountability." In *International Conference on Electronic Government*, 74-86. Springer.
- Ricker, B., J. Cinnamon, and Y. Dierwechter. 2020. 'When open data and data activism meet: An analysis of civic participation in Cape Town, South Africa', *Canadian Geographer*, 64: 359-73.
- Schalkwyk, François van, Michael Cañares, Sumandro Chattapadhyay, and Alexander Andrason. 2015. 'Open data intermediaries in Developing countries'.
- Thakuriah, Piyushimita, Lise Dirks, and Yaye M. Keita. 2017. 'Digital Infomediaries and Civic Hacking in Emerging Urban Data Initiatives.' in P. Thakuriah, N. Tilahun and M. Zellner (eds.), *Seeing Cities through Big Data: Research, Methods and Applications in Urban Informatics*.
- Yoon, Ayoung, Andrea Copeland, and Paula Jo McNally. 2018. 'Empowering communities with data: Role of data intermediaries for communities' data utilization', *Proceedings of the Association for Information Science and Technology*, 55: 583-92.