



**OPEN DATA FOR DEVELOPMENT (OD4D)**  
**ANNUAL REPORT 2018-19**

International Development Research Centre (IDRC)  
July 2019



Government  
of Canada

Gouvernement  
du Canada



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# Open Data for Development

Open Data for Development (OD4D) is the leading global partnership created to advance open data innovation and use around the world.

This annual report provides:

- An overview on the global context, trends and issues influencing the program;
- A summary of the results and activities supported by the OD4D program in 2017 according to the overarching program objectives;

## How Open Data can be used for Development

Open data is data that is released online that can be freely used, reused and redistributed by anyone. Open data comes from many sources: governments, multi-lateral agencies, scientists, private sector, and civil society.

Open data is becoming a major driver for social change, innovation and development. When used effectively (as outlined in some of the examples in this report), this data has the potential to transform societies - contributing to increased transparency and accountability in governments, more innovative economies and public service delivery, and improved participation and engagement from citizens leading to more inclusive and sustainable development.

## The Open Data for Development network

At the heart of the network is the Open Data for Development (OD4D) program, established in 2015 as a multi-donor initiative funded by the International Development Research Centre (IDRC), the World Bank (WB), Global Affairs Canada (GAC), and United Kingdom's Department for International Development (DFID), and now the Hewlett Foundation.

Through a coordinated program hosted at IDRC, OD4D leverages a global network of regional hubs, expert advisors and global initiatives to use open data in generating greater accountability and transparency, locally-driven innovations, and better delivery of key public services in areas such as gender equality, education and health. OD4D's network of partners are leading global thinking on open data, and produce knowledge, evidence and best practise how open data can be used to create impact on the ground. We work with local experts and partners who drive regional agendas and build sustainable local ecosystems to use data for social good, and provides support to governments and civic entrepreneurs in key issues such as open data policies and practices, privacy, standards, innovation, and skills development.

# Open Data for Development

**Period covered by the report: 1<sup>st</sup> April 2018 – 31<sup>st</sup> March 2019**

## Executive Summary

The year of 2018-19 initiated a new phase of the Open Data for Development Network, further consolidating the network hubs and beginning a new phase of work. Open Data for Development is developing a new learning strategy to further consolidate lessons from regional and local partners that can be shared and adapted in different contexts.

Notable global initiatives included the 2018 International Open Data Conference in September 2019 in Argentina, and the Feminist Open Government Initiative which began planning in 2018 at the Open Government Partnership Global Summit in Tbilisi, Georgia. Both of these events enabled important global exchanges about the quickly evolving data innovation for development space, and enabled the kick off of coordinated programming that can address responsible and inclusive use of open data. The International Open Data Conference worked to outreach with other important stakeholders, including an event for National Statistics Organizations to explore open data for reporting to the SDGs, and a intimate event exploring the dynamics of privacy, ethics, and innovation in the data for development space and the potential for new discourses and policy frameworks in developing countries who may not yet be implementing this work.

OD4D's other focus was continuing to invest in the regional network hubs as centres of excellence where they actively supported leadership of open data agendas, supporting context-specific open data use and discourse, and contributed important research and evidence building on the potential for open data to yield development outcomes (for example, in anti-corruption activities, in open procurement, in governance and service delivery, and in building data literacy). Notably, the OD4D hubs were key contributors to the OD4D-commissioned "State of Open Data: Histories and Horizons" book, which covers 16 sectors, 7 cross-cutting issues, 7 stakeholder groups and 7 regional chapters. The findings of the State of Open Data report will be key to informing future programming.

The OD4D network has notably contributed to advancing inclusion and gender equality through open data. The Feminist Open Government Initiative was started as a joint initiative with IDRC, the Open Government co-chairs (Canada and Nathaniel Heller) and the Open Government Partnership, with funding from Global Affairs Canada. The joint partnership shaped a vision in late 2017, held an initial conception workshop in July 2018 at the OGP summit in Georgia, and an open workshop in May 2019 in Ottawa. Recognizing that open government, while having participation as a key pillar, was not necessarily inclusive, the

initiative set out to conduct action research to better understand how to make the OGP's participatory processes like the creation of National Action Plans and release of open data more inclusive of women and other historically marginalized groups, ultimately aiming to improve the quality of OGP commitments and their implementation by making them more inclusive and responsive, as well as releasing new kinds of open data. A Femicide data standard is currently being tested in several Latin American countries as a way to release open data that can be used to develop better policies and programming to combat gender-based violence. From a feminist perspective, the gaps in data about women and other minorities shows Latin Americans societies and governments are often still blind to challenges women face. In the most extreme cases, such as violence against women this is problematic as the lack of data prevents any serious reflection on how to tackle the phenomena. This problem extends virtually to all other policy areas where women are recipients or could be active participants in solving problems. Additional avenues for releasing gender data, such as around pay equity, are being explored. This initiative has yielded significant media attention and the capacity for further investment. OD4D has also been advancing conversations around inclusion with other communities, including supporting important conversations around indigenous data and data sovereignty in Asia and Latin America.

OD4D continues to support relevant development priorities and sector-specific opportunities (notably anti-corruption, transparency and public contracting, mapping, data journalism, education and data literacy, and health, nutrition and agriculture) , and the OD4D hubs continue to act as regional conveners of stakeholders in government, civil society, academia and business. The OD4D network and hubs have been developing more strategic partnerships to enable further scaling of this work, notably signing an MOU with the OGP's multi-donor trust fund in 2018 to support the implementation of new Open Data and anti-corruption OGP commitments. OD4D is also exploring the potential linkages with NSOs to support better reporting towards the Sustainable Development Indicators, in partnership with Open Data Watch.

In terms of AI, new tools making use of open data could provide great value to government and citizens, but also offer great risks. A need to discuss ethical uses and data governance process have emerged. Further, as public servants, activists and private sector have discussed, testing new solutions in safe environments is also needed particularly in the emerging field of "Artificial Intelligence". OD4D partners are beginning to scope out how governments are implementing these tools and the emergent policy dialogues around data for development and artificial intelligence in order to minimize risks in this agenda. Many of the same government departments releasing data are also those responsible for piloting AI technologies, and this gives OD4D a potential avenue to support capacity building and continue building relationships to influence policy.

The OD4D network also continued to support global efforts to measure and monitor open data. The network, based on findings from the State of Open Data and the OD4D-supported Open Government Partnership flagship report, is exploring the development of new benchmark measurements on data sharing and infrastructure that better reflect technological and social conversations and need, and that build on the existing Open Data Barometer methodology. This evolution is meant to respect the development of new advancements in Advanced Analytics and Artificial Intelligence and their intersection with open data and data sharing. That said, OD4D has supported regional applications of the Open Data Barometer, such as the recently launched African Data Revolution Report which use the barometer methodology to explore the platform.

Meanwhile new initiatives and funding are emerging, such as with the welcome addition of the William and Flora Hewlett Foundation, which has targeted the establishment of our new hub in Francophone Africa (CAFDO). CAFDO is being recognized as an important leader in the space. CAFDO has succeeded in mobilizing the actors at the highest level of the state, particularly in Burkina Faso, Chad, Côte d'Ivoire and Mali, to have an approach of openness and participation. They have also supported data literacy and capacity building activities, supporting gender equality in these efforts with the goal to spark increased use of data for good.

The Open Data for Development Programme continued to prioritise our 5 core pillars throughout the work with our network partners, with the ultimate aim of using open data in innovative ways to advance better development.

- **Catalyzing Action:** To help governments, entrepreneurs, and civil society advance a global action plan to harness open data for development;
- **Support to Governments:** To support developing country governments to plan, execute, and manage national open data initiatives;
- **Scale Effective Use:** To increase re-use of open data in developing countries by supporting appropriate data standards, guidelines, solution-driven applications, and demand-side capacity, helping to bring about social and economic innovation;
- **Monitor Impact:** To better understand the relationship between open data initiatives and socioeconomic development, informing the quality and reach of future open data initiatives; and
- **Build Institutional Capacity:** To build the institutional capacity and long-term sustainability of the OD4D network.

## Impact in 2018-19

Open Data for Development continues to be looked to as a global leader in open data in research, innovation, and in ensuring the alignment with sustainable development challenges. OD4D has led several initiatives such as the Feminist Open Government initiative and the State of Open Data with the intention of ensuring ongoing impact and benchmarking future progress.

- In Francophone Africa, CAFDO is being looked to as a recognized leader, mobilizing the actors at the highest level of the state, particularly in Burkina Faso, Chad, Côte d'Ivoire and Mali.
- ILDA has impacted in several areas but two of the most relevant have been gender and artificial intelligence in the region. In terms of gender the evolution of the feminist agenda, and our own research on how to map femicides lead us to the conclusion that the data community needs to engage more thoughtfully on this matter in three ways: absence of data, participation and the need for gender lens on data and techniques. New collaborations with governments to apply a data standard and create this data.
- The Laos [ethnic minorities](#) report was cited in Statement by Professor Philip Alston, [UN Special Rapporteur](#) on extreme poverty and human rights on his visit to Lao PDR, 18-28 March 2019.
- In Malaysia, collaboration on open data, transparency and governance with the government a) open data being adopted as part of the new government's manifesto, b) adoption of Open Contracting standards for future publication and quality measurement of procurement data, c) consultations with new Elections Commission to explore publication of electoral open data.

## Summary of Research and Activities

### Catalysing Action

Helping developing country governments, entrepreneurs, and civil society advance a global action plan to harness open data for development and supporting equal participation of women and girls.

#### Supporting Global Action

- The 2018 International Open Data Conference in Argentina celebrated 10 years of the open data movement under the theme “The Future is Open”. The conference served to highlight emerging innovations with an eye towards supporting future innovation on data for development. For the first time ever, IODC18 featured full parity between men and women in attendance and speakers, with 1500 attendees from 72 countries.
- OD4D explored the roles of NSOs and open data in driving the sustainable development goals.
- CONDATOS 2018 was held in partnership with IODC18.
- DevCA2019 Open Data Conference and Codesprint was executed over the period May 16th – 31st, under the theme “Smart Communities, Smarter People”. The theme re-interprets the global focus on Smart Cities within the Caribbean reality; where the experience for many Caribbean peoples is the Community, rather than big urban cities. Six countries participated in DevCA2019 including: Jamaica, Dominican Republic, Cuba, Haiti, Saint Lucia and Belize.

- Planning is underway for IODC 2020 in Kenya which will also include a day dedicated to the African Open Data Conference.
- Planning is underway for the 2<sup>nd</sup> edition of the *Conférence d'Afrique Francophone sur les Données Ouvertes (CAFDO2019)* in November, with the theme "Open Data, From principles to action".
- As part of these activities, OD4D hubs are engaging in strategic partnerships to drive innovation, partnering with governments, private sector partners such as IBM, multilaterals such as the FAO, ASEAN, GODAN, and civil society and ASEAN. This includes formal agreements with the Governments of Burkina Faso, Sierra Leone, and Malaysia,

### **Catalysing action towards the equal participation of women and girls**

- The Feminist Open Government Initiative was a joint creation with IDRC, the Open Government co-chairs and the Open Government Partnership itself. The joint partnership shaped a vision in late 2017.
- An initial conception workshop in July 2018 included OD4D partners at the OGP summit in Georgia
- Recognizing that open government, while having participation as a key pillar, was not necessarily inclusive, the initiative set out to conduct action research to better understand how to make the OGP's participatory processes like the creation of National Action Plans more inclusive of women and other historically marginalized groups, ultimately improving the quality of OGP commitments and their implementation
- When this work started, less than 1% of countries had a gender related or gender aware commitment in 2018 (of 3000 commitments, just 28 were gender sensitive). In one year, thanks to the dedicated funding for a gender advisor to conduct strategic advocacy, and the advocacy of OGP hubs, that number doubled to [2% in May 2020](#) (still small, but a 100% increase). The OGP has since set an ambitious target of 30% of gender-sensitive commitments by the end of 2020 thanks to this initial success.
- The quality of gender focused commitments is becoming increasingly diverse and powerful, with May 2019 discussions emerging around model commitments on gendered access to information, combatting child marriage, women's leadership and political empowerment, data to reduce gender based violence, data to identify and reduce gender pay gaps worldwide, gender-focused public financial integrity including procurement standards that improve allocations for women owner businesses, and the gender dimensions of transparent and inclusive natural resources governance.
- Governments are also seeking out support from OD4D hubs to access tools and advice on gender transformative approaches and actions in developing commitments.

### **Strengthening Data Communities**

- The AODN is strengthening data communities grounded on common development objectives, exploring Agriculture, Education, Health and Gender

## Support to Governments

Objective: To support developing country governments to plan, execute and manage national open data initiatives

- ILDA has assisted the government of Costa Rica to build an open data policy. This policy was based on a series of consultations carried out by ILDA in partnership with the Organization of American States (OAS) and on field visits for the purpose of identifying the map of key actors for the design and implementation of the policy through round table discussions. The policy poses a series of challenges to the public sector that will require assistance for its implementation. The “Open Data for Open State” course was considered as a contribution to build capacities in the public sector of Costa Rica, and in particular in the public servants in charge of implementing the policy.
- The Caribbean Open Institute partnered with the OAS in implementing an Open Data for Business engagement in Belize and discussions with various government partners on Open Government; Discussions still preliminary on a strategic approach to a regional data consensus.
- ILDA contributed to the Heads of State of the Americas’ Lima Declaration “Democratic Governance against Corruption”. ILDA participated, together with partner organizations, in a declaration on the future of the use of data against corruption in Latin America, and we urge States to work on the basis of evidence at the Summit. That declaration, among other issues, promote the “establishment of an Inter-American Open Data Program within the OAS in order to strengthen open information policies and increase the capacity of governments and citizens to prevent and fight corruption”.
- ILDA continue to support governments in Latin America in supporting open contracting policies, ILDA established a partnership with the Inter American Network of Public Procurement (INGP) to explore the adoption of the standard in the Americas, developing one action research case in partnership with the Uruguayan Procurement Agency, Civico Uruguay and La Diaria exploring effective ways to use procurement data.
- MENAdata is exploring digital health and data, and exploring how data and open data innovations can improve health systems and refugee health care in the region.
- ODAAsia is working to improve transparency and accountability broadly as part of the CSO coalition for Governance Integrity Accountability and Transparency (GIAT) Agenda, emphasizing the adoption of open budget and open contracting data

standards in Malaysia, Indonesia, Cambodia, Myanmar and Vietnam, and resulting in the adoption of new data standards in Malaysia.

## Scale effective use

Objectives: To increase re-use of open data in developing countries by supporting appropriate data standards, guidelines, solution-driven applications, and demand-side capacity, helping to bring about social and economic innovation;

- The AODN is prioritizing gender equality, women's rights and women's economic empowerment in driving capacity building and supporting a number of activities designed to understand the potential and opportunities presented by open data in the broader agriculture sector. AODN through its current relationship with the Africa Regional Data Cube team has supported awareness raising of the earth observation open data platform and possible use cases through collaboration on a webinar and inclusion of the ARDC team in AODN organized events.
- CAFDO has implemented a series of 24 "mini-grants" aimed at sparking community and building capacity in data collection, analysis, visualization and technical tools across a number of development challenges. CAFDO's technical team is providing active support in building capacity and driving innovation in deploying a Open Data portal in Niger, Data journalism portal in Senegal, Aid data monitoring portal in Mali, Public contracting monitoring portal in Burkina Faso. CAFDO is also focusing on the translation of key guides and resources to French to benefit the local community.
- The Caribbean Open Institute has provided ongoing support to deliver data literacy skills through the "Ayitic Goes Global" project in Haiti, training the 3<sup>rd</sup> and final cohort of 150 women. Based on this, the Caribbean School of Data initiative is planning to launch an open curricula and broader data literacy in Jamaica, Dominican Republic, Cuba, Haiti, Saint Lucia and Guyana. The Participatory Budgeting Pilot "TellYourMP.com.jm" is now in the Voting phase, where community residents can select from a pool of "Community Development" and Youth Innovation" proposals.
- MENAdata is providing ongoing support to enhance public sector data literacy initiatives. MENAdata has mapped the data economy landscape in MENA and is planning a series of activities designed to enhance capacity and data literacy. In particular, MENAdata will implement a series of data capacity building activities focusing on women. Pilot activities on water testing, artificial intelligence and digital health, with a specific focus on Maternal Health and refugees are spurring innovation.
- ODAAsia is supporting regional gender data literacy activities. ODAAsia is exploring Indigenous Data Sovereignty in the MEKONG, with a particular focus on human rights. Capacity is also focusing on data journalism and innovation and trade. In collaboration with the Ministry of Education, Youth and Sport, Open Data Cambodia

is providing support to the development of a Mapping Curriculum for High School Students through the MOEYS Open Education Resource program.

- Atuservicio was the flagship initiative ILDA developed in partnership with DATA Uruguay and has been extensively documented. Atuservicio.uy was finally replicated by the Alcaldía de Bogotá and several partners with the support of Avina Foundation and CA.. ILDA developed one action research case in partnership with the Uruguayan Procurement Agency, Civico Uruguay and La Diaria exploring effective ways to use procurement Data. In this process ILDA aimed to understand what kind of skills are needed to move forward this process, as well as to set up the basic framework for cooperation between public sector, entrepreneurs and journalists. ILDA established a “Gender, Security and Data” initiative by mid 2017, which seeks to explore how civic technology tools and the use of open data could contribute to prevent, better understand and, eventually, act on the phenomena of violence against women. Due to this work the IADB decided to support a new cycle of this project but focused on 3 countries in Central America: Honduras, Panama and Jamaica. This project started April 2019.

## Monitor Impact

Objective: To build evidence on the relationship between open data initiative and socioeconomic development;

- OD4D-commissioned and launched the “State of Open Data: Histories and Horizons” book, which covers 16 sectors, 7 cross-cutting issues, 7 stakeholder groups and 7 regional chapters. The findings of the State of Open Data report will be key to informing future programming. [stateofopendata.od4d.net](http://stateofopendata.od4d.net)
- OD4D supported the editing and publication of policy synthesis paper of a series of 12 case studies across Latin America, Asia and Africa conducted by OD4D network hubs which identified key challenges and opportunities for improving inclusion in the OGP’s co-creation processes, particularly around gender, the first of its kind. It was met with significant interest online, on social media and during the summit. A second set of research activities are currently underway. [Fogo.od4d.net](http://Fogo.od4d.net)
- The Africa Data Revolution Report 2018 focused on open data. CAFDO and AODN supported local data collection on local country indicators from Francophone and Anglophone Africa.
- AODN conducted a specific study on the availability of open data for gender related indicators in SDG 1 to SDG 5. The Gender Open Data Report that was published as a result provides a baseline on the extent to which 19 countries in sub-Saharan Africa are making data available that responds to 50 indicators in the first five goals of the

2030 Agenda's goal framework. This data and the report can be found at <https://statistics.africa>

- ILDA developed a small-scale study to explore the situation of Artificial Intelligence in LATAM. ILDA has been invited by the Uruguayan government to take part in a steering committee to discuss the future of Artificial Intelligence in Society. ILDA understands that the connection between the open data field and AI is evident, and identifies this area with great potential to uncover benefits (and risks) of the use of data in our societies. ILDA seeks to contribute to a greater development and publicity of academic production in the area of open data and innovation in public management in Spanish language, as a key element in the promotion of these agendas in the region and developed the RIGA platform in collaboration with GovLab and the OGRX partners. ILDA has started to map regional experiences in open data and civic technology to understand the available initiatives and organizations, within the region. The platform (currently in beta mode) includes study cases of 12 projects/organizations at the regional level that show the value of the use of open data.

## Build institutional capacity

Objective: To build the institutional capacity and long-term sustainability of the OD4D network

OD4D continues to support the push to achieve a “Self-determined, southern-led global network of independent hubs working collaboratively to scale global impact”. IN 2018, ILDA constituted as a legal entity. CAFDO has supported local expertise and capacity, and has been exploring regional governance models such as an advisory council.

## Gender and Inclusion

OD4D's activities on gender have significantly improved over the last 2 years. Increased awareness of gender issues, new research that seeks to identify new spaces for innovation, and a focus on both gender mainstreaming and sidestreaming has created new manifestos and organizational capacity for supporting transformational change. Capacity building and targeted innovation initiatives are bringing to light innovative new opportunities/

# Challenges & Lessons Learned

## Program Management and Global Networks

The OD4D multi-donor program is hosted at the International Development Research Centre (IDRC). As host of the program, IDRC facilitates the overall coordination and grant

management activities related to implementing grants, projects and activities. IDRC further facilitates the development, monitoring, management and evaluation of the projects. Each grant has its own set of deliverables as agreed upon in individual proposals.

Based on the feedback from the first phase, Open Data for Development (OD4D) program will aim to build in stronger monitoring, evaluation and peer learning mechanisms into the projects for 2018-2020. OD4D is drawing strongly on the recommendations outline in the OD4D External Evaluation. These mechanisms will continue to include group calls, knowledge sharing, and efforts to build a broader community of practice – especially for people in the network who engage directly in developing countries. The learning agenda and peer support forums are helping to formalize collaborations and yield more flexibility in pursuing strategic opportunities and in capturing what is and is not working in using open data.

## Developing a Learning Agenda

OD4D is in the midst of implementing a learning agenda that seeks to capture outcomes, results, and process innovations. Initial learning pilots will emerge later in 2019 on the basis of a May 2019 workshop. Regional hubs have also identified the desire to further explore some of the following topics in an emergent way:

- Better understand the incentives and drivers for public sector actors in adopting open data;
- Develop strategic partnerships activities more deliberately;
- Understanding power dynamics behind open data, particularly in constrained governance environments, which centre on economic and governance barriers, and tools to cope and succeed in these contexts;
- Bolstering thematic focuses and collaboration in areas like gender, agriculture and health;
- The need to develop safe ways of sharing data beyond government open data, considering privacy and human rights issues, which can provide great value to governments and citizens but at risk. There is a need to explore new models for data governance and testing.

## Measuring impact

Finally, we will continue to advance an evidence-based agenda for change, including supporting monitoring that better documents outcomes. OD4D is also considering the important recommendations from the State of Open Data publication on investing in scalable initiatives, leveraging strategic partnerships with regional development banks, CSOs, academics, multi-lateral and bi-lateral donors to advance data focused conversations. In particular, we are exploring how sensitive and political conversations about the development of data around marginalized populations is helping and how to advocate for the respectful and responsible development of new disaggregated data sets as part of the open data

lifecycle. This work is just emerging, and requires time, sensitive moderation and a willingness to build capacity in less-technical communities (for example, village elders) but may offer interesting avenues to scale open data's impact in the future.

## About the OD4D network hubs

Open Data for Development (OD4D) currently works in many regions across the world, with much of this work being coordinated by our regional open data hubs. These hubs amplify the impact of open data in their respective regions, and are powered by a collaborating network of stakeholders from government, civil society and academia.

### **Africa Open Data Network**

OD4D's work in Africa is coordinated by the Africa Open Data Network (AODN). Hosted at the Local Development Research Institute (LDRI) in Nairobi, Kenya, and launched in early 2017, this hub aims to scale the development impact of open data initiatives in Africa, promoting the adoption of improved open data principles, best practices, policies, and partnerships. The AODN is supporting additional capacity building and innovation-oriented activities, building on existing OD4D work in Africa, including efforts led by Open Knowledge International (OKI) and the Open Data Institute (ODI).

### **Open Data Asia**

In 2018, OD4D's Open Data in Asia hub was launched to improve availability and impact of open data in Southeast Asia through research and strategic coordination of existing as well as new regional collaboration initiatives. The hub will aim to build a stronger community of practice in Southeast Asia consisting of open data technologists, civil society, government officials, donors, and researchers. Through collaboration between OD4D, Open Development Mekong and partners in Malaysia and India, a community of open data advocates will increase the quality, impact, and sustainability of individual initiatives and collaboration in the region, establishing links with regional and global networks, building on the vision outlined in the Open Data in Asia 2020 report and work by Jakarta's Open Data Lab.

### **Caribbean Open Institute**

OD4D's caribbean work is coordinated by the Caribbean Open Institute (COI). Formed in 2010, the Caribbean Open Institute (COI) is a regional coalition of individuals and organizations that promotes open development approaches to inclusion, participation and innovation within the Caribbean, using open data as a catalyst. Their focus is on advocacy, awareness, and engagement with public sector stakeholders on Open Government and Open Data; evidence of the potential impacts of Open Data initiatives through demand-side

research initiatives in various thematic sectors; and capacity building in data literacy, competence and application as an essential component of Caribbean development.

### **Iniciativa Latinoamericana por los Datos Abiertos (ILDA)**

OD4D's work in Latin America is coordinated by the Latin America Open Data Initiative (ILDA). Formed in 2014 and initially hosted at Avina, Organization of American States (OAS), and ECLAC, ILDA is now an independent organization promoting inclusive development, public and social innovation and open knowledge, through openness, the use of public data and the active participation of the communities involved in Latin America. ILDA is working on four key concerns arise for the future of the digital area in the region: efficiency and transparency in the public sector, inclusion with particular focus on gender, community support and the ethical challenges of adopting new data use techniques.

### **Open Data Middle East and North Africa (MENAdata)**

OD4D's MENA work is coordinated by the Middle East and North Africa network (MENAdata). Formed in early 2017 at the American University of Cairo, and now hosted at Birzeit University, the MENAdata network engages data focused organizations in the MENA region through a network that collectively aims to strengthen research and advocacy to use data to address long-lasting development challenges. The work supports innovation in different fields, and aims to build stronger connections with international open data initiatives and partners.

### **African Francophone Open Data Community (CAFDO)**

The African Francophone Open Data Community (CAFDO), hosted by Open Burkina, coordinates with stakeholders in a network that spans Francophone Africa to support research, innovation, and data literacy, and supporting tools for policy makers. CAFDO has been active in delivering in a number of areas, fostering leadership with local representatives in 15 countries, and focusing on local capacity building, agenda building, and working with multi-stakeholder partners.

### **Open Data Charter**

OD4D has funded the incubation of the Open Data Charter through the Open Government Partnership (OGP) Open Data Working Group (ODWG), the establishment of a group of lead Stewards at IODC, Ottawa and the consultations leading to its launch. Jointly investing with the Omidyar Network, OD4D has helped establish a secretariat and the OD4D network has contributed significantly to the development of its Resource Center. Members of the OD4D Network have been key stewards of the Open Data Charter, promoting a stronger commitment to open data principles around the world.

## Annex B: Indicators Reporting Table

Activities	Intermediate Outcomes	Indicators
<b>3.1 Catalysing Action</b> - To help developing country governments, entrepreneurs, and civil society advance a global action plan to harness open data for development and supporting equal participation of women and girls.	Broad political commitment to high quality open data principles	Number of male and female participants annually engaged in global (IODC), regional events (Condatos, AODC, DevCA, CAFDO) and national events (annually)
		Number of OGP commitments which include a gender component (developing countries)
<b>3.2 Support to governments</b> To support developing country governments to plan, execute, and manage national open data initiatives	Strengthened capacity of leaders to produce and use open data effectively	Number of governments that received significant technical support
		Number of male and female public servants who have received online and offline training and peer support
<b>3.3. Scale effective use</b> To increase re-use of open data in developing countries by supporting appropriate data standards, guidelines, solution-driven applications, and demand-side capacity, helping to bring about social and economic innovation;	Tested innovations that solve major sustainable development challenges, focusing particularly on women and girls	Number of male and female civil society participants in OD4D training and capacity building activities (at least 50% will be women)
		OD4D contribution to platforms/apps that significantly scale impact in developing countries (at least three countries). At least one third of the innovations will target the empowerment of women and girls.
<b>3.4 Monitor Impact</b> To build evidence on the relationship between open data initiatives and socioeconomic development;	Effective measurement and evaluation mechanisms in open data activities, focusing particularly on whether a government publishes gender-relevant data	Number of governments tracked on the state of open data supply and use (Barometer/Index)
		High-quality peer-reviewed publications on targeted open data initiatives. At least a third of the new papers will focus on evidence around open government and gender equality.
<b>3.5 Build institutional capacity</b> To build the institutional capacity and long-term sustainability of the OD4D network	Self-determined, Southern led global network of independent hubs working collaboratively to scale global impact	Consolidated OD4D multi-stakeholder regional initiatives
		Direct and indirect funds to implement global and regional OD4D strategy (\$ million US) (cumulative)

Results Table (January 2018 – March 2019)						
Indicator of Success	Baseline (prior to 2015)	Expected	Achieved	Expected	Achieved	Indicative context and achievements over time
		Dec 2017	Dec 2017	March 2019	March 2019	
<b>(3.1.1) Male and female participants annually engaged in global (IODC), regional events (Condatos, AODC, DevCA, CAFDO) and national events (annually)</b>	*did not track participation across regional events		IODC 2016: 1800, 41% female speakers	1700, 50% female	<b>1600 / 50 % female in attendance</b>	IODC 2018: 1600 / 50 % female in attendance  Condatos 2018: 300 / 50% female  *Planning for CAFDO and CONDATOS is underway – both will be autumn of 2019, and IODC 2020 will be in Kenya in June
<b>(3.1.2) OGP commitments which include a gender component (developing countries)</b>	None			20	<b>23 commitments</b>	23 commitments have been assessed by the IRM as gender commitments. For example, in Kenya, they have committed to Gender-Disaggregated Open Contracting data.
<b>(3.2.1) Governments that receive significant support to improve the quality and implementation of open data plans</b>	0	6	22	30	<b>40</b>	Tanzania, Macedonia, Burkina Faso (ODI), Serbia & Kyrgyzstan (ODECA), Liberia, Philippines (OGP ODWG), Peru, El Salvador (ILDA), Colombia, Costa Rica, Sierra Leone, Uruguay, Indonesia, Haiti, Jamaica, Guatemala, Indonesia, Algeria, Morocco, Tunisia, Argentina  2018-19:  Ecuador, Burkina Faso, Belize, Argentina, Costa Rica, Haiti, Dominican Republic, Cuba, Saint Lucia, Honduras, Panama, Jamaica, Cambodia, Myanmar, Laos, Thailand, Indonesia, Malaysia, Chad, Cote d'Ivoire, and Mali
<b>(3.2.2) Public servants who have received online and offline training and peer support on open data</b>	0	500	900	1000	<b>1200 people (300 in 2018-19, of which 135 are women and 165 are men)</b>	Global activities support a open data leaders network meetings, data literacy and co-creation initiatives, statistical data workshops, open contracting and training, technical support to governments, thematic workshops on open data
<b>(3.3.1) Number of male and female</b>	0	300	750	1000	<b>1350 people</b>	Global activities include digital literacy initiatives through the school of open

civil society participants in OD4D training and capacity building activities (at least 50% will be women)					(600 in 2018-19, of which 360 are women and 240 are men)	data methodology in the Caribbean and in the Middle East and North Africa, advocacy workshops supporting capacity building in domains such as agriculture and nutrition, digital mapping and GIS, transparency and accountability
(3.3. 2) OD4D contribution to platforms/apps that significantly scale impact in developing countries (at least three countries). At least one third of the innovations will target the empowerment of women and girls.	0	8	5 (+ 22 pilots)	7	8  (+40 pilots)  Of the 14 scaled initiatives, 3 targeted the empowerment of women and girls.	<p>Total at significant scale: ILDA: Atuservicio.uy, Data Modeling Oil Contracts, HarvestAPI, Cuidando do meu bairro 2.0, Burkina Faso Election</p> <p>Pilots/in progress: 2015 ILDA: Open Cities LAC OKFN: Municipality Compliance South Africa, The Philippines Disaster Preparedness Data Dashboard, Ghana FactChecker Dashboard, Social Audit &amp; OpenSpending Malaysia</p> <p>2016 ODI: Edo AgriHub, Crowdsourcing zip codes, open data in schools; petajakarta; vacseen, OKI: AfroLeadership, WEP data collection, Train journalists, PiMaa COI: HarvestAPI/ AgroCheck Mobile application, Data harvest system, virtual tour app ILDA: respiraciudad.org</p> <p>2017: ILDA: Open Contracting, Femicide Data Standard, RIGA ODMENA: Developing Air Quality Heat Map in Cairo: A Citizen Centric Approach, Health SystemEye</p> <p>2018: ILDA: Open Contracting (scaled), Femicide Data Standard (to be scaled in 2019), RIGA (scaled) CAFDO: 12 francophone innovations piloted</p>
(3.4.1) Number of governments tracked on the	50	85	115	0	37* (No Barometer was planned for 2018-19, A revised data	*Note: the Open Data Barometer special editions explored "Leaders" and countries in Africa in 2018-19: 22 Leader countries, and 15 assessed in the African Data Revolution Report

state of open data supply and use  (Barometer/Index)					barometer is being explored for 2020)	ODB15 (*86) Open Data Barometer 2016: 92 countries ODB 2017: 115
<b>(3.4.2) High-quality peer-reviewed publications on targeted open data initiatives. At least a third of the new papers will focus on evidence around open government and gender equality.</b>	2	35	37	50	<b>101 (of new papers, 30% focus on gender, open data and open government)</b>	2019: State of Open Data covers 36 chapters, 12 case studies from feminist open government  Includes 12 publications from <a href="#">Special issue on Open Data for Social Change and Sustainable Development</a>
<b>(3.5.1) Consolidated OD4D multi-stakeholder regional initiatives</b>	2	5	7	7	<b>7</b>	ILDA, COI, ODECA, Africa Open Data Network (AODN), Open Data in Middle East and North Africa (ODMENA), CAFDO, Asia Open Data Network
<b>(3.5.2) Financial sustainability - Direct and indirect funds to implement global and regional OD4D strategy (\$ million US)</b>	6	12	16	18	<b>18</b>	Total Direct: 12 million + 1.6 million  Total Indirect: 5 million
<b>Significant OD4D contributions to advance global sectorial efforts (e.g. agriculture, cities)</b>	0	8	8	10	<b>11</b>	Agriculture (GODAN), Aid Data (IATI), Cities (Open Cities Summit), Procurement/Anti-corruption (Open Contracting, Beneficial Ownership), Transparency (Governance Integrity Accountability and Transparency Agenda in Asia) Elections (ODI), National Statistics (OpenDataWatch), Budgeting (OK), Health (A Tu Servicio and activities exploring refugee and digital health in MENA), Education (Data literacy and pedagogy, School of Data)