





# OVERVIEW and 2022-2024 OUTLOOK

Data and Al for a Better World





### Overview and Outlook 2022-2024

Aperçu et Perspectives 2022-2024 Resultados y Panorama 2022-2024 لمحة عامة وآفاق 2024-2022

### **Data-Pop Alliance**

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Support Our Work!

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# DATA-POP ALLIANCE

Data-Pop Alliance is a non-profit "think-and-do-tank" created in 2013 by partners from the Harvard Humanitarian Initiative, MIT Connection Science, and ODI that brings together researchers, practitioners, and activists who want to use "Data and AI for a Better World" through 3 pillars of work: *diagnosing* local realities and human problems with data and AI; *mobilizing* capacities, communities, and ideas towards more data literate and inclusive societies; and ultimately, *transforming* the systems and processes that underpin our *datafied* communities and countries.

### **Founding Organizations**







### **Thematic Programs**













# 10 YEARS IN REVIEW: A LETTER FROM OUR DIRECTOR

Finding appropriate metrics to summarize a decade of work from Data-Pop Alliance is not easy. It could be the number of projects completed (over 100), of our publications (92), of countries where we have worked (over 30), or partners we have collaborated with (countless). It could also be our team size -now oscillating between 30 and 40- or our budget, now slightly over \$1m USD per year (we are indeed lean!). It could be the number of sleepless nights, of proposals sent out; that of moments of deep joy and pride or that of crushing disappointments. Measuring our "impact" is even more difficult when so many variables come into play. A key factor is unmeasurable: our resolve to use data. technology and AI for a better world.

Building and running an NGO such as DPA is hard work. I have been on the verge of giving up too many times to count. But I (and we) have persisted, and we will continue to do so for as long as possible —even as the current funding context for the kind of work we do is extremely challenging, which is why we are seeking more donations to further our mission.

We, as a team, and with our partners in Senegal, Haiti, Morocco, Mexico, Tunisia, Sierra Leone, Colombia, Liberia, Brazil, Ghana —to name a few of our priority countries— are driven by the conviction that what we are trying to achieve is worth persisting and supporting. Without being overly pessimistic, we cannot be content with the state of and prospects for the world. While

more data, technology, and wealth are available than ever before, conflict, violence, injustice, environmental degradation, and social distrust flourish –usually fueled by unquenchable greed and unchecked egos. We can and must do better.

Data, technology and AI can be leveraged to change the world for the better. For that we need to course correct: to change the value systems, decision-making processes, and power structures that shape real-world outcomes. Key is ensuring that 'solutions' respond to actual problems; that people and communities who face them are involved at every step; that justice and equity be put front and center; that social innovations match technological innovations; that data be used as a lens, as a language and as a lever to promote societal learning and progress; that AI be used in ways that reflect and reinforce humanistic values and goals.

Over the next few months and years, we will continue to push forward without getting bogged down in the metrics of our work, to make data, technology and Al forces of positive social change, with your support.

Thank you, and happy reading.

### Emmanuel Letouzé, PhD

Co-Founder and Director of Data-Pop Alliance

## **OUR VALUES**

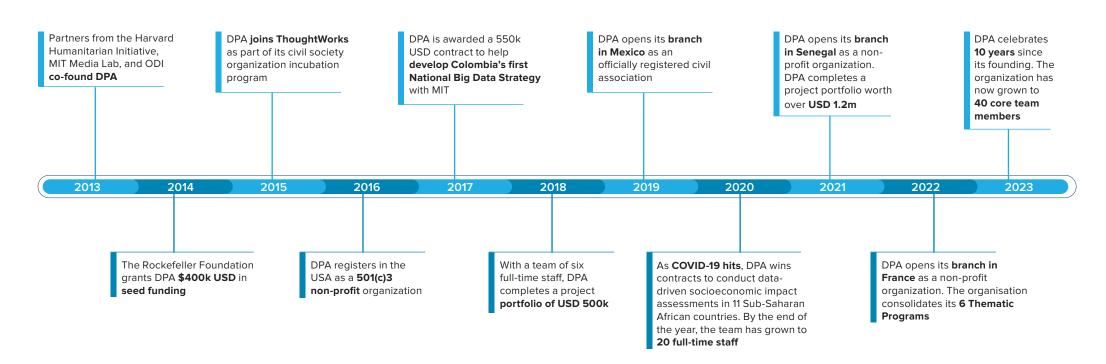
Down-to-earth: We work with team members and partners in the Global South countries and communities, especially in Latin America and the Caribbean, Sub-Saharan Africa, and the Middle East and North Africa, to try to address local human problems with local perspectives. Our ultimate objective is local impact through systemic change.

Academic Excellence: We strive to meet the intellectual standards of our founding groups at Harvard and MIT and are privileged to be able to rely on some of the world's brightest minds and best groups to do so.

**Trans-disciplinary:** We cover and combine expertise and experiences in several disciplines including data and computer sciences, economics, demography, ethics, political science, law, humanitarian action (and even some cartooning).

Activism: We aim to contribute to real social change, in particular greater equity in the post-COVID-19 world, by reflecting and promoting humanistic values of inclusion, participation, and empowerment.

# 10 YEARS IN REVIEW: A BRIEF HISTORY





# **10 YEARS IN REVIEW: TESTIMONIES**

"DPA's holistic approach allows them to develop solutions that are co-creative, user-centered, and impact-focused, while always considering systemic issues and long-term implications."

> Catherine Vogel, Coordinator, GIZ Data Lab Germany

"I am really impressed with their focus on timeliness of delivery and quality of work. Over the years, they have enhanced their capacity in many areas, such as Big Data, and therefore I will do hesitate to recommend them to any potential partner."

Pa Lamin Beyai, Resident Representative, UNDP Sierra Leone

"As we move forward, we hope to (continue to) serve as a resource for people to embrace a human-centered data revolution. a respectful data transformation in our world."

> Patrick Vinck. Co-Founder, DPA USA

"Too often, the violence girls and women face remains invisible in society. DPA's Data Feminism Program leverages emerging technologies and expert analysis to diagnose local problems and deploy data analysis and AI to mobilize solutions. We are honored to partner with DPA to transform society by building a safer future for young girls and women."

> Vilas Dhar, President, Patrick J. McGovern Foundation USA

# PILLARS OF WORK

### Diagnose

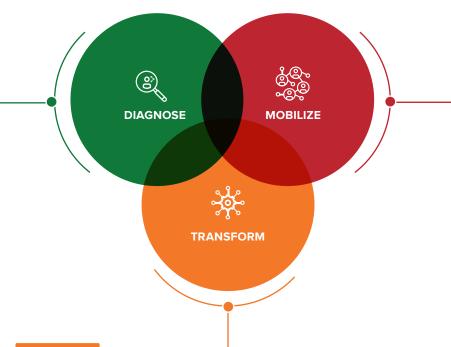
Data offers a *lens* through which we capture and interpret complex facets of the human experience, however imperfectly.

### **Methods and Approaches**

- Mixed-methods research leveraging traditional and non-traditional data
- National, institutional, and gender assessments
- Ecosystem approach to disinformation

### **Featured Project**

Development of Equatorial Guinea's First Voluntary National Review 2022. Learn more



### Mobilize

Data is the common *language* through which we strengthen data capacities and ecosystems to craft a better future for all.

### **Methods and Approaches**

- In-person/online trainings and workshops
- Conferences and public speaking engagements
- · Eureka's thematic cycles
- Councils for the Orientation and Development of Ethics (CODEs)

### **Featured Project**

Strengthening of Technical Capacities in Big Data for Sustainable Development in Latin America and the Caribbean. Learn more

### **Transform**

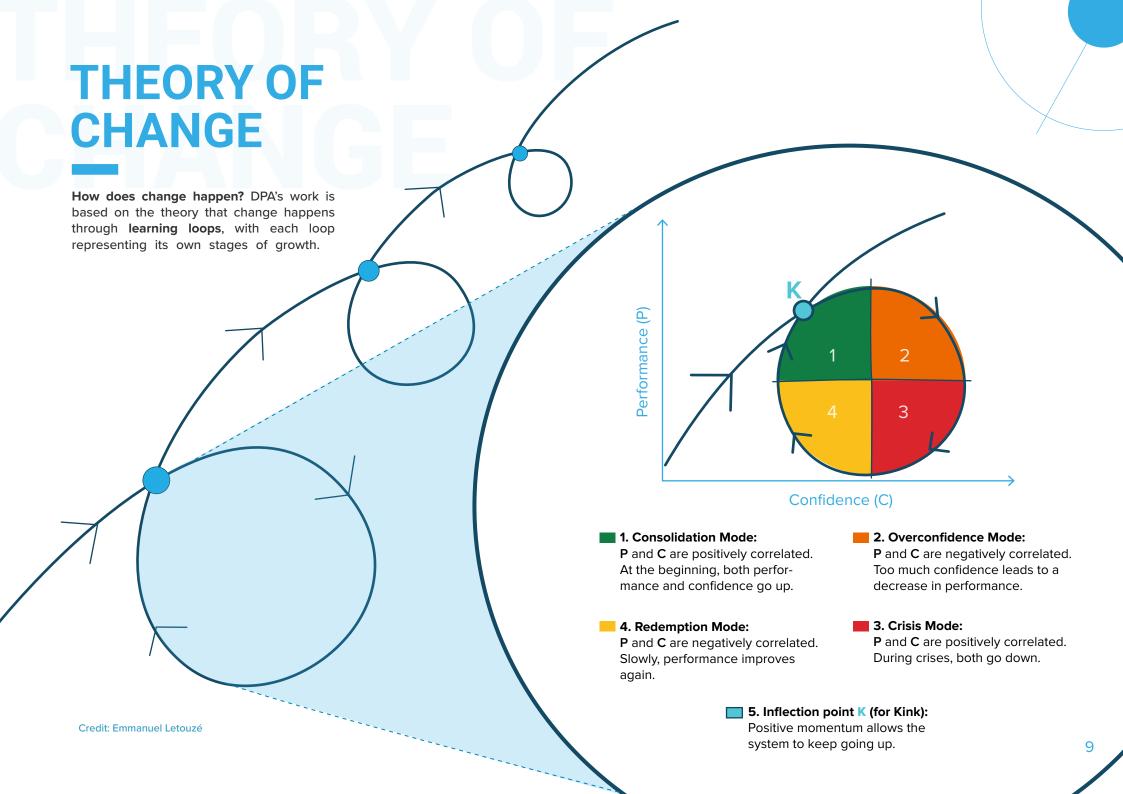
Data and technologies are the *levers* we use to yield and implement better collective decisions for citizens, communities, and the planet.

### **Methods and Approaches**

- · Digital maturity assessments
- [Data] action plans, pilots and proofs of concept
- Monitoring, evaluation, accountability and learning (MEAL) mechanisms
- Advanced data modeling

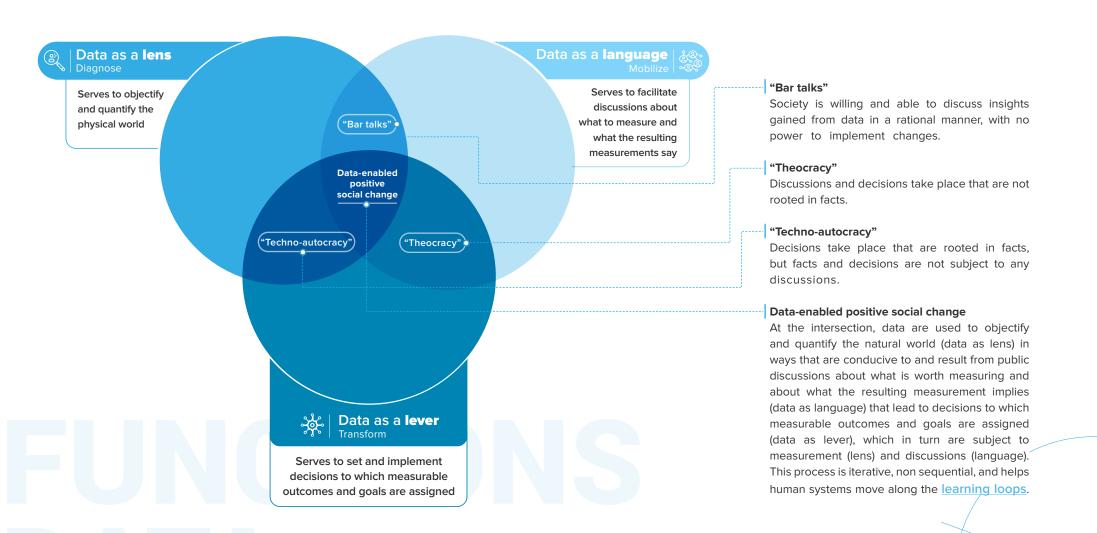
### **Featured Project**

Development of Senegal's National Data Strategy. Learn more



# **FUNCTIONS OF DATA**

Building a culture where data are a lens on the world, a shared language, and a lever of change



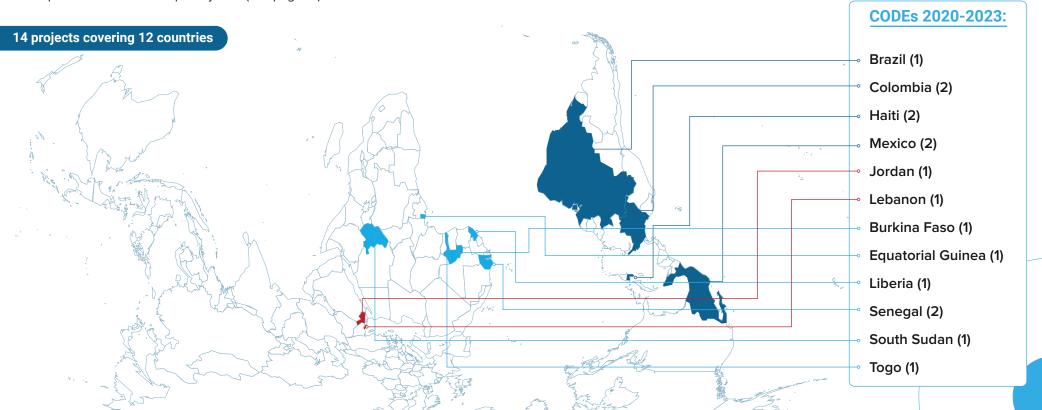
# COUNCILS FOR THE ORIENTATION OF DEVELOPMENT AND ETHICS (CODEs)

Starting in 2020, most of our projects have involved a CODE (Council for the Orientation of Development and Ethics). A CODE is a group of **independent members and stakeholders** from diverse sectors (e.g. civil society, government, academia, private sector...) who voluntarily share their expertise and provide guidance in areas of direct relevance to the project in question. The CODE serves as an advisory group, but also as a mechanism to **ensure that our work complies with ethical principles**, often relating to the fair and safe use of data, and is relevant to local contexts. The CODE concept was born during the initial implementation (2017-2020) of the Open Algorithms (OPAL) project co-founded by DPA, and is now utilized in all our large projects, including the next phase of OPAL developed by DPA (see page 12).

"The evaluation provided by gender experts external to our project and organization was extremely valuable. Their insights and recommendations helped with the development of our Gender Institutional Assessment. As an academic community, the evaluation by peers supported the research carried out by Data-Pop Alliance, while also allowing us to learn from their own academic experiences."

Dr Karla Mendoza Sandoval, Código-C Coordinator, Cinvestav



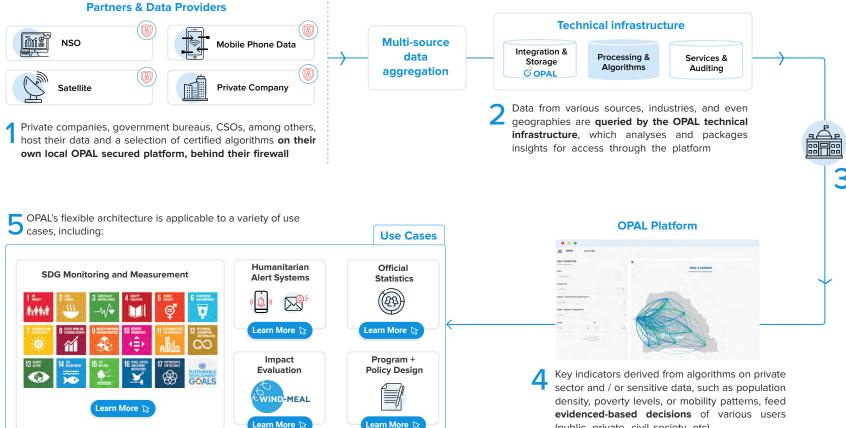


# **OPAL** for Social Good

### Unlocking and sharing the value of sensitive data for humanitarian action and sustainable development

Born out of work at MIT, OPAL (Open Algorithms) is a socio-technological innovation designed to unleash the power of sensitive data in a safe, participatory, ethical, sustainable and scalable manner, built around a Technology component and a Governance component. The Technology component enables the analysis of mobile phone records, financial transactions, census and survey microdata collected and controlled by private and public entities (e.g. telecommunications operators, financial companies, National Statistical Offices) in a privacy-preserving manner. The Governance component ensures that use cases and deployment modalities respond to local needs and ethical principles through local CODEs (Councils for the Orientation of Development and Ethics, see page 11), complemented by capacity building, awareness raising, and technical assistance activities.

Learn More 🔉



(public, private, civil society, etc).

**Local CODE** 

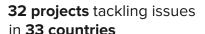
A governance mechanism including a Council for the Orientation of Development and Ethics (CODE) ensures that the algorithms and use cases are ethically sound and contextually relevant. Users benefit from capacity**building** activities

# 2022 IN REVIEW

Résumé 2022 Resumen 2022 ملخص 2022

# OUR 2022 IN DATA





13 publications by 46 co-authors

**10 discussion pieces** and **10** editions of **Links We Like** 

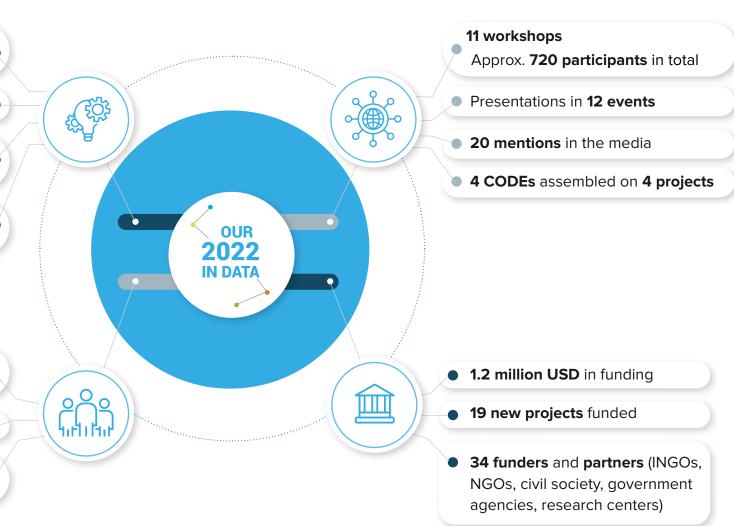
**Languages:** English, Spanish, French, Arabic

DPA core team: **42 members** 

• Women 55% - Men 45%

Fluent in a total of 14 languages

Based in **17 countries** on 4 continents



# **WORKSHOPS**





Session 1. "Data as a Cornerstone for a Feminist **Development Cooperation**" November 16, 2022.

Session 2. "Gender Data Gaps"

December 5, 2022.

Session 3. "Beyond the Gaps: Data-Feminist Approaches" January 17, 2023.

Session 4. "Data Feminism in GIZ: Working Session" February 1, 2023.



"Capacity-Building Workshop on the Analysis and Application of **Quantitative and Qualitative Data**"

Partner: EQUIS Justicia para las Mujeres

June 13 to July 18, 2022 Online & In-person - Mexico City, Mexico



**Technical Support for the "National Seminar** to Launch Tunisia's National Strategy for the **Development of Statistics**"

Partners: United Nations System in Tunisia, National Council for Statistics, National Institute of Statistics, Ministry of Economy and Planning

September 19 and 20, 2022 - Tunis, Tunisia



November 17 and 18, 2022 -Istanbul, Turkev













Strengthening of Technical Capacities in Big Data for Sustainable Development in Latin America and the Caribbean

Partners: AECID, Formation Center of the Spanish Cooperation in Santa Cruz, Bolivia Online

Workshop 1. "Introduction to Big Data for Sustainable Development"

April 18 to May 6, 2022

Workshop 2. "Big Data and Poverty Analysis for Sustainable Development"

July 25 to August 19, 2022

Workshop 3. "Big Data and Health Analysis for Sustainable Development"

October 24 to November 25, 2022

Workshop 4. "Big Data and Security and Violence Analysis for Sustainable Development"

February 20 to March 17, 2023

# FEATURED WORKSHOP



### Strengthening of Technical Capacities in Big Data for Sustainable Development in Latin America and the Caribbean

Partners: Spanish International Development Cooperation Agency (AECID), Formation Center of the Spanish Cooperation in Santa Cruz, Bolivia

2022

Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar

This project strengthened the technical capacities of government officials in Latin America and the Caribbean (LAC) to leverage Big Data for sustainable development and official statistics. The training curriculum was based on an assessment report during the first phase of the project, which explored the panorama of Big Data and sustainable development in LAC. Based on the findings, the following 4 workshops were developed:



Este proyecto tuvo como objetivo fortalecer las capacidades técnicas de funcionarios gubernamentales en Latinoamérica para aplicar el uso de Big Data a proyectos de desarrollo sostenible y estadísticas oficiales. El itinerario formativo se basó en el estudio resultante de la primera fase que exploró el panorama de Big Data y desarrollo sostenible en la región. A partir de este reporte se desarrollaron 4 talleres.



### Workshop 1

Introduction to Bia Data for Sustainable Development

### Taller 1

Introducción al Big Data para el desarrollo sostenible



### Workshop 2

Big Data and Poverty Analysis for Sustainable Development

### Taller 2

Big Data y análisis de pobreza para el desarrollo sostenible



### Workshop 3

Big Data and Health Analysis for Sustainable Development

### Taller 3

Big Data y análisis de salud para el desarrollo sostenible



### Workshop 4

Big Data and Security and Violence Analysis for Sustainable Development

### Taller 4

Big Data y análisis de seguridad y violencia para el desarrollo sostenible

### **Featured Speakers**



Workshop 1 Andres Clavijo Consultant on Statistical **Development and Analysis** 



Workshop 2 Robert Angulo Founding Partner, Inclusión SAS



Workshop 3 **Rainer Mallol** Co-Founder and President. Medical Epidemiology (AIME)



Workshop 4 Marcela Smutt Coordinator, UNDP Infosegura Initiative



**Featured Presentation** Presentación destacada

# **FEATURED EVENTS**



### **Seminar on Gender Equality**

March 12, Online

**Organizer:** Cinvestav **Speaker:** Zinnya del Villar

Presentation: "Gender Diagnosis: Tools for the Identification

of Inequalities in Institutions"





### **Data Days**

March 28-April 1, Online

Organizer: Software Guru

Speakers: Alina Sotolongo, Agustina Pérez, Enrique Bonilla,

Yasmine Hamdar, Zinnya del Villar

Various talks



# **Latin American and Caribbean Conference on Social Sciences 2022**

June 7-10, Mexico City, Mexico

Organizer: CLACSO (Latin American Council of Social Sciences)

Speaker: Ricardo Fuentes-Nieva

Panel: "Economic Inequality Resulting from the Pandemic"

( Watch Video



### PeaceTech Talk

July 7, Online

Organizer: Global Peace Tech Hub

Speaker: Emmanuel Letouzé

Panel: "Data for Peace: Unleashing the Power of Data in

Humanitarian Response"





### **ELLIS Doctoral Symposium 2022**

September 19-23, Alicante, Spain

Organizer: ELLIS (European Laboratory for Learning and

Intelligent Systems), Alicante Foundation

Speaker: Emmanuel Letouzé

Presentation: "Reviewing and Rewriting the Data Revolution"



### Semana de la Seguridad Ciudadana

November 17, Antigua, Guatemala

Organizers: UNDP, InfoSegura, USAID

Speaker: Zinnya del Villar

**Presentation:** "How to Use Data in Order to Understand and Counter Violence Against Women, Girls and LGBTQI+

Communities"



# SELECTED PUBLICATIONS

### Discussion pieces 🖔

Data-Driven Hope: The August 4th Tragedy in Beirut

**Author:** Yasmine Hamdar





### The High Cost of Internet Shutdowns

**Author:** Fabiola Schwarz

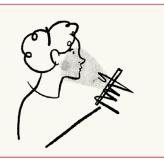
*⊠* Read Here



### Disinformation and Democracy: Reimagining Data Access for Policymaking

**Author:** Jasmine Erkan





### "Links We Like" (LWL)

Links We Like: A Compilation of 40 Editions 2015-2022

**Authors: DPA Staff** 



# LWL #41 Populism vs. Progress: The Fight for the Future of Brazil

**Authors:** Ana Deborah Lana, Anna Spinardi, Anthony Deen, Berenice Fernandez Nieto, Laila Lorenzon, Núbia Rodrigues, Yara Antoniassi

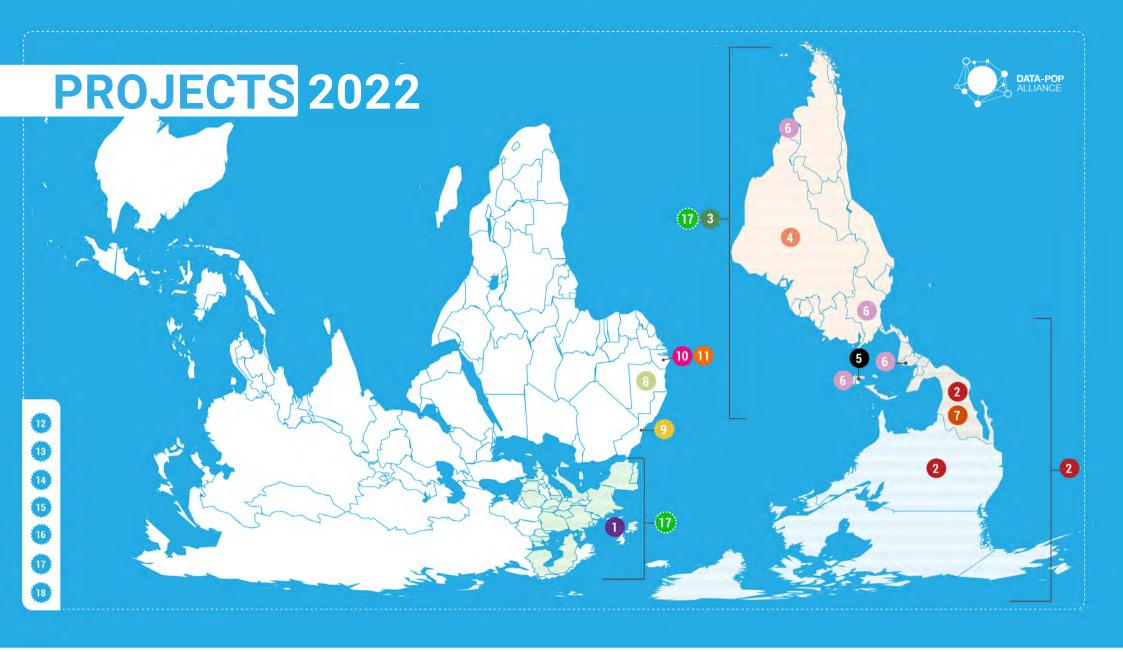




# LWL #38 Algorithmic Justice: The Next Civil Rights Frontier?

**Authors:** Anthony Deen, Mariana Rozo Paz, Sara Ortiz, Yara Antoniassi





### LATIN AMERICA AND THE CARIBBEAN

Assessing the Strategies to Achieve the
Millennium Development Goals (MDGs) and the
Sustainable Development Goals (SDGs) in Haiti
Partners: UNDP Haiti (Funder), the Ministry of
Planning and External Cooperation (MPCE), within the

Planning and External Cooperation (MPCE), within the Integrated National Financing Framework (CINF)

Country: Haiti

2 Capacity-Building Workshop on the Analysis and Application of Quantitative and Qualitative Data Partner / Funder: EQUIS Justicia para las Mujeres Country: Mexico

3 Mobility to Get Further and Farther Ahead: How do Women in Lima and Mexico City Move Around? Partners: WhereIsMyTransport, Rumbo Countries: Mexico, Peru

4 Strengthening of Technical Capacities in Big

Data for Sustainable Development in Latin America
and the Caribbean

Partners: The Spanish Agency for International Development Cooperation (AECID) (Funder), Formation Center of the Spanish Cooperation in Santa Cruz, Bolivia

**Countries:** Bolivia, El Salvador, Guatemala, Peru, the Dominican Republic

### MIDDLE EAST AND NORTH AFRICA

5 Feasibility Study for the Establishment of a
Category 2 Center Under the Auspices of UNESCO
on Artificial Intelligence

Partner / Funder: UNESCO Country: Morocco

6 Mental Health and Gender Inequality in the MENA Region: An Analysis of Shock Related Factors Within the Context of the COVID-19 Pandemic

Partners / Funders: Economic Research Forum (ERF), French Development Agency (AFD) Countries: Egypt, Jordan, Morocco, Tunisia  Technical Support to the Design of Tunisia's National Strategy for Development of Statistics (NSDS)

Partners: UNDP Tunisia (Funder), the National Statistics Council the National Institute of Statistics, UN System in Tunisia Country: Tunisia

### **SUB-SAHARAN AFRICA**

Assessing Africa's Borderlands Informal Social
Protection Mechanisms in Sierra Leone and Liberia
Partners / Funders: UNDP Liberia and Sierra Leone
Countries: Liberia, Sierra Leone

Assessing the Socioeconomic Impacts of COVID-19 and the Role of Disaster Risk Governance in Western Sahel and Lake Chad Basin Partners: UNDP Regional Hub for West and Central Africa (Funder), ADE, GeoPoll, ECOWAS Countries: Burkina Faso, Chad, Mali, Mauritania,

10 Breaking the Vicious Cycle: Identifying Intervention
Points to Tackle Disinformation in Senegal and
Burkina Faso

Partner / Funder: AFD
Countries: Burkina Faso, Senegal

Niger, Nigeria, Senegal

11 Capturing the Socioeconomic and Cultural Drivers of Sexual and Gender-Based Violence (SGBV) in Sierra Leone

Partners: UNDP Sierra Leone (Funder), Statistics Sierra Leone, Rainbo Initiative Country: Sierra Leone

Development of Equatorial Guinea's First Voluntary National Review 2022

Partners: UNDP Equatorial Guinea (Funder), the UN System, the Government of Equatorial Guinea Country: Equatorial Guinea

### **GLOBAL + MULTI-REGIONAL**

3 GIZ Data Feminism Series
Partner / Funder: GIZ Data Lab

14 Digital Maturity Assessment: Methodology

Development and Implementation

Partner / Funder: Norwegian Refugee Council (NRC)

Countries: Bangladesh, Sudan

Evaluation of the Contribution to the Implementation of SDGs by the EU External Action Between 2016-2021

Partners: ADE (Lead), Directorate-General for International Partnerships (DG-INTPA) (Funder) Region: Europe

16 Evaluation of the EU Cooperation with the World Bank

Partners: ADE (Lead), Directorate-General for International Partnerships (DG-INTPA), and the Directorate-General Neighbourhood and Enlargement Negotiations (DG-NEAR) (Funders) Region: Europe

Evaluation of the WFP´s Disaster Risk Reduction and Management and Climate Change Policies Partners: World Food Programme (WFP) (Funder), ADE (Lead)

Landscape Mapping and Review of TechnologyBased Interventions to Address Child Marriage
and Female Genital Mutilation Across 13 Countries
in Asia and Asia

Partners: UNICEF (Funder), UNFPA Countries: Bangladesh, Burkina Faso, Egypt, Ethiopia, Ghana, India, Kenya, Mozambique, Nepal, Sierra Leone, Sudan, Uganda, Zambia

19 Review of Cycles, NRC's Project, and Grants Management Tool

Partner / Funder: Norwegian Refugee Council (NRC)

Technical Assistance Facility for Africa-EU
Relations in the Field of Economic Development
Partner / Funder: OCA Global Consulting and
Technical Advisory Services
Regions: Africa, Europe

Publication(s)

Workshop/Webinar

Platform Development



### **EUROPE**

1 Data and Algorithms to Measure and Prevent Gender Based Violence (GBV) in the UK

Partners: Economic and Social Research Council (ESRC) Impact Acceleration Accounts (IAA) (Funder), Surrey University Science, Utrech U. Country: United Kingdom

### **LATIN AMERICA AND THE CARIBBEAN**

2 Disarming Disinformation: How Migrants **Fall Victim to Disinformation** 

> Partners: International Center for Journalists (ICFJ) (Funder), VerificadoMX, PolitiFact, Conexión Migrante, Proceso.

Country: Mexico, USA, Central America, South America

3 Eureka: Leveraging Technology and Culture for **Social Justice** 

Partner: Data-Pop Alliance

Leveraging Non-Traditional Data to Monitor and Map Multidimensional Poverty in the Favelas of

Partner: MIT Sloan Latin American Office (Funder), Gerando Falcões Country: Brazil

5 Study of the Spatial Distribution and the Dynamics of Violence Involving Children and Youth in Urban **Settings of Port-au-Prince** 

Partner / Funder: UNICEF Haiti Country: Haiti

**Supporting the Development of Comprehensive and Responsive Social Protection** Systems for the Resilience of Vulnerable Households

Partners: Inter-American Development Bank (Funder), ProsperIA (Lead)

Countries: Colombia, Dominican Republic,

Honduras, Uruguay

Tecnológico de Monterrey's Educational Partner Partner: Tecnológico de Monterrey Campus Puebla Countries: Mexico

### MIDDLE EAST AND NORTH AFRICA

**Enhancing Data Interoperability and Open** Data in Mauritania: A Market Evaluation and Recommendations

Partners: Ministère de la Transformation Numérique, de l'Innovation et de la Modernisation de l'Administration, the World Bank (Funder)

Countries: Mauritania

**Exploiting the Possibilities Offered by Big Data** to Monitor the Achievement of the Sustainable **Development Goals in Morocco** 

Partner / Funder: UNDP Morocco Country: Morocco

10 Climate-Induces Migration in Africa and Beyond: Big Data and Predictive Analytics (CLIMB)

Partners: Belmont Forum (Funder), Orange-Sonatel Country: Senegal

Development of Senegal's National Data Strategy Partners: Ministère de la communication, des télécommunications et de l'économie numérique (Senegal), BMZ and GIZ, Smart Africa (Funder) Country: Senegal

### **GLOBAL**

12 After-Action Review of NRC Digital **Community Hubs** Partner / Funder: Norwegian Refugee Council (NRC) Countries: Bangladesh, Sudan

13 Data Feminism Programmatic Grant Partner / Funder: Patrick J. McGovern Foundation

14 Leveraging Digital Data for Monitoring Human **Rights and Social Dynamics Along and Around** Value Chains

Partners: Amazon Research Awards (Funder), Ulula

15 Mastercard Foundation's Impact Pulse Platform Partners: International Research Centre of Artificial Intelligence (IRCAI), ELLIS Alicante Foundation, Cetic.br

16 NAIXUS: Global Academic Network on Al for the

Partners: International Research Centre of Artificial Intelligence (IRCAI), ELLIS Alicante Foundation,

17 The Racial Justice Data Project Partner: African Futures Action Lab Regions: Europe, Latin America and the Caribbean Latin America and the Caribbean, Europe, Africa

18 WIND-MEAL Partner: ADE

Publication(s) Workshop/Webinar

Platform Development





# PROGRAM OVERVIEW & OUTLOOK 2022-2024

Panorama et Perspectives par Programme 2022-2024 Resultados y Panorama por Programa 2022-2024 2024-2022 مقاف آ و جمان ربل ا على عقماع قصمل



3. Resilient Livelihoods

and Ecosystems

2. Al and Statistics for the SDGs



5. Geographies of Inequalities



6. Technology and Democracy





# 1. JUST DIGITAL TRANSFORMATIONS

Strategic Evaluations and Policies for Digital Maturity



"Our Program is contributing to the 2030 Agenda by promoting a just and responsible digital transformation that supports the protection of human rights."

Talla Ndiaye Program Director

### **Impact**

DPA critically assesses the enabling conditions for ethical digital transformations, and supports civil society, as well as public and private organizations to understand and reach digital maturity.

### **Methods**

Strategic evaluation of digital-related policies, digital maturity assessments, mixed-methods digital ecosystem research, tailored recommendations, and action data plans

### **Products**

- 1. Evaluation of Digital Initiatives
- 2. Digital Maturity Assessments
- 3. Digital Ecosystem Research
- 4. Data and Digital Strategy
- 5. Monitoring, Evaluation, Accountability, and Learning

### **Relevant SDGs**

- 4. Quality Education
- 8. Decent Work and Economic Growth
- 9. Industry, Innovation and Infrastructure
- 11. Sustainable Cities and Communities



## JUST DIGITAL TRANSFORMATIONS Global



**Digital Maturity Assessment: Methodology Development and Implementation** 

Partner / Funder: Norwegian Refugee Council (NRC)





DPA developed a Digital Maturity Assessment (DMA) framework to provide NRC Country Offices (COs) with a tool to self-assess their digital transformation journey based on the perceptions and experiences of its staff. The DMA framework is the analytical background guiding the calculation of a Digital Maturity Score that measures the level of digital transformation in the COs based on qualitative data on:

- Digital ecosystem, data, and tech management
- · User-centricity and digital inclusion
- Digital mindset, literacy, and innovation
- Strategy, governance, policies, and frameworks
- Investment and partnerships

The DMA was tested in the COs in Bangladesh and Sudan. The results and outputs of these pilots were made available in an interactive dashboard created to facilitate the visualization and extraction of insights.





## JUST DIGITAL TRANSFORMATIONS EUrope



### **Evaluation of the Contribution to the Implementation of** SDGs by the EU External Action Between 2016-2021

Partners: ADE (Lead), Directorate-General for International Partnerships (DG-INTPA) (Funder)







The main objective of this evaluation, led by our partner ADE, is to provide an independent, evidence-based assessment of the contribution of the EU's external actions in support of the implementation of the SDGs —not only as a set of individual goals, but also in relation to their integration into the EU's external policy framework. In line with EU policy, this evaluation seeks to be a stock-taking, lesson-learning, and forward-looking exercise, as well as an accurate assessment of achieved results.





# JUST DIGITAL TRANSFORMATIONS



**Technical Assistance Facility for Africa-EU Relations in the Field of Economic Development** 

Partner / Funder: OCA Global Consulting and Technical Advisory Services



2021-2022

Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr

This series of three reports analyzed varying aspects of Africa-EU and provided technical policy insights to strengthen the European Commission Directorate-General for International Partnerships' (INTPA) capacity in "knowledge-based" policymaking. Each report was conducted through a study and analysis of policy briefings, taking into account EU political interests towards Africa, as well as relevant existing legally-binding agreements, political declarations and strategic documents. The topics of each report included:

- (i) Transport and Infrastructures;
- (ii) Digital Technologies and Services;
- (iii) Sustainable Energy and Climate Change; and
- (iv) Private Sector and Trade.





# JUST DIGITAL TRANSFORMATIONS Europe



### **Evaluation of the EU Cooperation with the World Bank**

Partners: ADE (Lead), Directorate-General for International Partnerships (DG-INTPA) (Funder), Directorate-General Neighbourhood and Enlargement Negotiations (DG-NEAR) (Funder)





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This evaluation, led by our partner ADE, provided an overall independent assessment on the World Bank's (WB) cooperation in external action building via an ex-post and prospective analysis of the partnership.

Among other research objectives, the evaluation assessed the achievement of EU objectives and priorities in the field of international cooperation and development as a result of this partnership; the reinforcement of the role of the EU as an international actor; the promotion of multilateral dialogue, solutions, and cooperation; and the effective and efficient delivery of development support to countries and development partners. It also provided a roadmap to gauge the opportunities and constraints the EU faces in relation to its partnership with the WB.





### JUST DIGITAL TRANSFORMATIONS



### **Mastercard Foundation's Impact Pulse Platform**

Partner / Funder: Mastercard Foundation





DPA developed the Sector Pulse Platform, a data-driven tool that will provide the Mastercard Foundation (MCF) with access to key information on global and regional trends relevant to its work in Africa. This tool will support the foundation's future investment decisions with an evidence-based and system-change approach. Additionally, the tool will grow the organizational awareness and understanding of the most important issues shaping social debates in Africa. The development of this tool is structured across 4 project phases: discovery, development, reporting, and training. The platform is structured around three data modules: The 'Impact Evidence' module, the 'Social Listening' module, and the 'Policy and Funding Development' module.





# JUST DIGITAL TRANSFORMATIONS Global



### **Review of Cycles, NRC's Project and Grants Management Tool**

Partner / Funder: Norwegian Refugee Council (NRC)



an Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

In this review commissioned by the Norwegian Refugee Council (NRC), DPA studied the development, roll-out, and implementation of Cycles, a digital grants and project cycle management tool. DPA assessed the state and effectiveness of the current system, and identified current and future needs for a digital project and grants management tool.





### **JUST DIGITAL TRANSFORMATIONS**



### **English**

# Feasibility Study for the Establishment of a Category 2 Center Under the Auspices of UNESCO on Artificial Intelligence

The main objectives of this feasibility study were to evaluate the capacity and skills of the Al Movement to fulfill the intended role and objectives and to align with UNESCO's principles and requirements. This report presented the evaluation results based on the nine criteria outlined in Document 40 C/79, following visits to the center's facilities and interviews with representatives from the center, University Mohammed VI Polytechnique, and UNESCO. The first section, "Strategy and Programs," assessed the alignment of the center's strategies and programs with those of UNESCO and their contribution to global development, including the achievement of the SDGs. Section 2, "Management and Governance," presented the evaluation results of the governance framework, operational functioning of the center, human resources, and available infrastructure. The third section, "Sustainability," provided an overview of the current financial and operational sustainability status and future projections.

### لعربية

# دراسة جدوى لإنشاء مركز للذكاء الاصطناعي من الفئة 2 تحت رعاية اليونسكو

تشكل مراكز الفئة 2 ، تحت رعاية اليونسكو ، شبكة عالمية من المؤسسات المتميزة في مجال خبرتها. كانت الأهداف الرئيسية للدراسة الجدوى هذه هي تقييم قدرات ومهارات حركة التوافق مع مبادئ ومتطلبات اليونسكو. يعرض هذا التقرير نتائج التقييم بناءً على معايير التسعة الموضحة في الوثيقة 40 ج / 79 ، بعد زيارات لمرافق المركز ومقابلات مع ممثلي المركز وجامعة محمد السادس متعددة التخصصات التقنية واليونسكو. يقيِّم الجزء الأول ، "الاستراتيجية والبرامج" ، مواءمة استراتيجيات وبرامج المركز مع استراتيجيات وبرامج اليونسكو بما في ذلك تحقيق أهداف التنمية المستدامة و مساهمتها في التنمية العالمية.

يعرض الجزء الثاني ، "الإدارة والحكامة نتائج تقييم إطار الحوكمة ، والأداء التشغيلي للمركز ، والموارد البشرية ، والبنية التحتية المتاحة. يقدم الجزء الثالث ، "الاستدامة" لمحة عامة عن حالة الاستدامة المالية والتشغيلية الحالية والتوقعات المستقبلية.



Partner/Funder: UNESCO







### **JUST DIGITAL TRANSFORMATIONS**



### English

# Enhancing Data Interoperability and Open Data in Mauritania: A Market Evaluation and Recommendations

The Mauritania component of the West Africa Regional Digital Integration Program (WARDIP-Mauritania) is expanding access to broadband and digital services through the development and integration of the country's digital markets with those of the West African region. The project focuses on 3 key elements for the integration of digital technologies at the regional level: the connectivity market, the data market, and the online market. This will involve (i) continuing the efforts begun under the WARCIP-Mauritania Project to expand connectivity, lower cost, and improve quality of service; (ii) enabling the secure exchange, storage, and processing of data across borders, and supporting regional deployment of and access to data-based services and innovation; (iii) expanding access to and delivery of public and private online services, and (iv) establishing transparent and secure e-commerce at the regional level.

### العربية

# تعزيز التشعيل المتبادل والبيانات المفتوحة في موريتانيا: تقييم السوق والتوصيات

يهدف المكون الموريتاني لبرنامج التكامل الرقمي الإقليمي لغرب إفريقيا (WARDIP) إلى توسيع الوصول إلى خدمات النطاق العريض والخدمات الرقمية من خلال تطوير الأسواق الرقمية البلاد وتكاملها مع أسواق منطقة غرب إفريقيا. يركز المشروع على 3 عناصر رئيسية لدمج التقنيات الرقمية على المستوى الإقليمي: سوق الاتصال وسوق البيانات والسوق عبر الإنترنت. وسيشمل ذلك (1) مواصلة الجهود التي بدأت في إطار مشروع WARCIP لتوسيع التوصيلية وخفض التكلفة وتحسين جودة الخدمة ؛ (2) تمكين التبادل الآمن للبيانات وتخزينها ومعالجتها عبر الحدود ، ودعم النشر الإقليمي للخدمات والابتكارات القائمة على البيانات والوصول إليها ؛ (3) توسيع نطاق الوصول إلى الخدمات العامة والخاصة عبر الإنترنت وتقديمها ، و (4) إقامة تجارة إلكترونية شفافة و آمنة على المستوى الإقليمي.



**Partners:** Ministère de la Transformation Numérique, de l'Innovation et de la Modernisation de l'Administration, the World Bank (Funder)











### JUST DIGITAL TRANSFORMATIONS Sub-Saharan



### English

### **Development of Senegal's National Data Strategy**

DPA, in collaboration with Smart Africa and GIZ under the leadership of the Ministry of Communication, Telecommunications and the Digital Economy, is leading the development of z's National Data Strategy. The main objective is to identify all the measures and propose an implementation roadmap to (i) enable the digital ecosystem to leverage the potential of data for economic growth; (ii) promote innovation and the use of emerging technologies, with the reinforcement of skills and the development of a data culture; and (iii) foster crossborder collaboration in terms of commerce and data in Africa, all while respecting privacy and human rights.

### Français

### Développement de la stratégie nationale de données du Sénégal

DPA, en collaboration avec Smart Africa et la GIZ, sous la direction du Ministère de la Communication, des Télécommunications et de l'Economie Numérique, dirige le développement de la Stratégie Nationale des Données du Sénégal. L'objectif principal est d'identifier toutes les mesures et de proposer une feuille de route de mise en œuvre pour (i) permettre à l'écosystème numérique d'exploiter le potentiel des données pour la croissance économique ; (ii) promouvoir l'innovation et l'utilisation des technologies émergentes avec le renforcement des compétences et le développement d'une bonne culture de la donnée; et (iii) favoriser la collaboration transfrontalière en termes de commerce et de données en Afrique, tout en respectant la vie privée et les droits de l'homme.



Partners: Ministère de la communication, des télécommunications et de l'économie numérique (Senegal), BMZ and GIZ, Smart Africa (Funder)













# JUST DIGITAL TRANSFORMATIONS Global



### **After-Action Review of NRC Digital Community Hubs**

Partner / Funder: Norwegian Refugee Council (NRC)





With the support of the Norwegian Refugee Council (NRC), this project implemented a tailored methodology that allowed NRC to understand its digital maturity in all levels of its operations, based on the experience and perception of its staff. Second, it guided the development of a tailored institutional roadmap for advancing its digital transformation process. Data obtained from surveys and desk reviews was input into the assessment model to determine the state of NRC office digital transformation maturity in relation to the organizational trend, and to test replicability in other country offices.





### JUST DIGITAL TRANSFORMATIONS



### **WIND-MEAL**

Partners: ADE

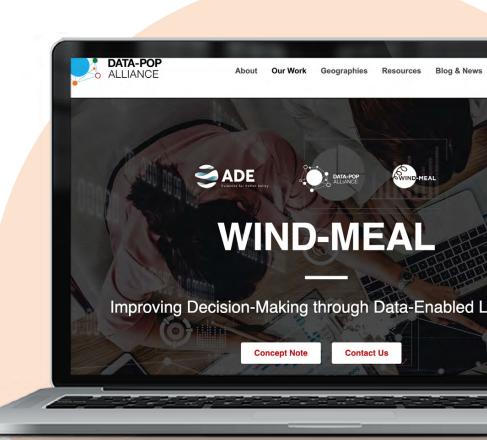


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Ongoing

ADE and DPA have created **WIND-MEAL**, a portfolio of services that build and improve **W**hole-of-Institution **D**ata-enabled (WIND) **M**onitoring, Evaluation, **A**ccountability and **L**earning (**MEAL**) systems, with a focus on accountability (A) up to impact, and on learning perspectives (L) to generate meaningful, up-to-date knowledge that supports better decision-making. Based on our experience and values, ADE and DPA develop MEAL systems that are participative, relevant, reliable, realistic, agile, and impact-oriented.

The WIND-MEAL service portfolio includes a series of activities that can be combined in a modular manner, depending on the requirements and needs of the client. The MEAL system can be created from scratch or adapted to an existing system, integrating different sources of data and meeting different accountability and learning objectives.

- Training
- Diagnosis
- Data Roadmap
- Insight Creation





# 2. AI AND STATISTICS FOR THE SDGS

Data Literacy, Official Statistics, and Big Data for Measurements that Matter



"Our Program seeks to determine how Al can be used to advance the SDGs through data-driven evidence tracking, technical solutions and tools, and capacity building trainings, by relying on evidence-based ethical guidelines."

Zinnya del Villar Research Director, Data Science

### **Impact**

DPA equips individuals and organizations with data skills, systems, and standards to successfully navigate the 'age of data' and helps develop measurement methodologies for policy and the SDGs.

### **Methods**

In-person and online capacity building courses on data, Big Data and Al; SDG assessments and measurements based on mixed methods; and research on data governance and ethical uses of data

### **Products**

- 1. Tailored Data Trainings
- 2. SDGs Assessments and Measurement
- 3. OPAL for Public Data and Good
- 4. Human Al Research

### **Relevant SDGs**

- 4. Quality Education
- 10 Reduced Inequalities
- 16. Peace, Justice and Strong Institutions
- 17. Partnerships for the Goals



## AI AND STATISTICS FOR THE SDGs



### English

# Strengthening of Technical Capacities in Big Data for Sustainable Development in Latin America and the Caribbean (LAC)

This project strengthened the technical capacities of government officials in Latin America and the Caribbean to take advantage of Big Data for sustainable development and official statistics. During the first phase of the project, through an exploratory study, we analyzed the current state of the infrastructure, institutional framework, regulatory framework, capacities and use cases of Big Data for the generation of public policies in 5 LAC countries. The second phase focused on developing 4 capacity building workshops (Big Data for Sustainable Development, Big Data and Poverty, Big Data and Health, Big Data, Security and Violence). This training itinerary provided participants with a comprehensive knowledge of the key concepts, the necessary tools and the main challenges of Big Data for sustainable development, with a special emphasis on the applicability of these data sources for statistical purposes.

### Español

# Fortalecimiento de capacidades técnicas y estudio exploratorio regional en Big Data para el desarrollo sostenible en Latinoamérica y el Caribe

Este proyecto fortaleció las capacidades técnicas de funcionarios gubernamentales de América Latina y el Caribe para aprovechar el uso del Big Data para el desarrollo sostenible y las estadísticas oficiales. Durante la primera fase, se analizó –a través de un estudio exploratorio– el estado actual de la infraestructura, la institucionalidad, el marco regulatorio, las capacidades y los casos de uso de Big Data para la generación de políticas públicas en 5 países de Latinoamérica y el Caribe. La segunda fase del proyecto se enfocó en desarrollar 4 talleres (Big Data para el Desarrollo Sostenible, Big Data y Pobreza, Big Data y Salud, Big Data, Seguridad y Violencia). Este itinerario formativo buscó que los participantes entendieran los conceptos claves, las herramientas necesarias y los desafíos principales del Big Data para el desarrollo sostenible, con énfasis en la aplicabilidad de estas fuentes de información para obtener información estadística.



**Partner:** The Spanish Agency for International Development Cooperation (AECID) (Funder), Formation Center of the Spanish Cooperation in Santa Cruz, Bolivia











# AI AND STATISTICS FOR THE SDGs



#### English

# Assessing the Strategies to Achieve the Millennium Development Goals (MDGs) and the Sustainable Development Goals (SDGs) in Haiti

DPA, in support of Haiti's Integrated National Financing Framework (CINF), and in close collaboration with the UNDP Haiti and the Ministry of Planning and External Cooperation (MPCE), conducted a consultation with the objective of establishing a performance assessment of the achievement of the MDGs, deviations from targets, their justifications, and lessons learned. Additionally, the study measured the progress towards the achievement of the SDGs and proposed priority provisions and mechanisms for Haiti's advancement towards them.

# Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul

**Partners:** UNDP Haiti (Funder), the Ministry of Planning and External Cooperation (MPCE), within the Integrated National Financing Framework (CINF)







#### Français

# Évaluation de Stratégies pour Atteindre les Objectifs du Millénaire pour le Développement (OMD) et les Objectifs de Développement Durable (ODD) en Haïti

DPA, en appui au Cadre National Intégré de Financement (CINF) d'Haïti, et en étroite collaboration avec le Bureau pays du Programme des Nations Unies pour le Développement (PNUD) et le Ministère de la Planification et de la Coopération Externe (MPCE), a mené une consultation dans le but d'établir un bilan sur la performance du pays dans la réalisation des OMD, les écarts par rapport aux cibles, leurs justifications et les enseignements tirés. De plus, l'étude a mesuré le progrès vers la réalisation des ODD et a proposé des dispositions et des mécanismes prioritaires pour l'avancement d'Haïti vers ces objectifs.





# ( ) AI AND STATISTICS FOR THE SDGs



#### English

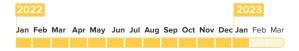
# **Development of Equatorial Guinea's First Voluntary National Review 2022**

Equatorial Guinea adopted the 2030 Agenda for Sustainable Development Goals (SDGs) with the aim of eradicating poverty, protecting the planet and enabling all people to live in peace and prosperity. The work contained in this report presents the progress made towards the Agenda 2030 and how to mobilize the resources necessary for its implementation through partnerships and inclusive planning. Based on this commitment, DPA contributed to the first VNR in the country in order to present a self-assessment on progress related to achievement of the SDGs.

#### Español

# Desarrollo del Primer Informe Nacional Voluntario (INV) de Guinea Ecuatorial 2022

Guinea Ecuatorial adoptó la Agenda 2030 de los Objetivos de Desarrollo Sostenible (ODS) con el objetivo de erradicar la pobreza, proteger el planeta y así facilitar que todas las personas vivan en paz y prosperidad. El trabajo contenido en este reporte busca medir el progreso en la adopción de la Agenda 2030 y movilizar los medios y recursos necesarios para su implementación mediante alianzas y planes inclusivos. Con base a este compromiso, DPA contribuyó a la elaboración del primer INV en el país con el objetivo de presentar la evaluación hecha en la consecución de las actividades relacionadas con los ODS.

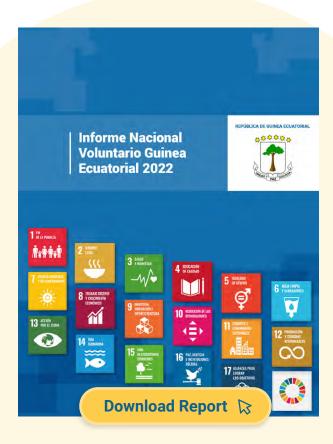


**Partners:** UNDP Equatorial Guinea (Funder), the UN System, the Government of Equatorial Guinea











## (F) AI AND STATISTICS FOR THE SDGs



#### English

#### Capacity-Building Workshop on the Analysis and Application of Quantitative and Qualitative Data

DPA developed a four week training on qualitative and quantitative analysis and tools for the members of the Mexican CSO EQUIS Justicia para las Mujeres. The training included different sessions, with online and in-person guided tutorials conducted by DPA facilitators. In addition to showcasing different techniques and tools for data analysis, use cases based on real projects from the organization were leveraged to discuss specific topics. The content was divided into two workshops: the first focused on practical techniques and tutorials on data collection, storage and processing; and the second focused on how to incorporate basic notions of statistics, database reading, and use of visualizations.

# Jan Feb Mar Apr **May Jun Jul** Aug Sep Oct Nov Dec

Partner: EQUIS Justicia para las Mujeres



#### Español

# Capacitación en el Uso y Análisis de Datos Cualitativos y Cuantitativos

DPA desarrolló un taller de capacitación de cuatro semanas sobre herramientas y análisis cualitativo y cuantitativo para la equipa de EQUIS Justicia para las Mujeres, OSC feminista mexicana. El taller incluyó diferentes sesiones, con tutorías en línea y presenciales realizadas por facilitadores de DPA. Además de mostrar diferentes técnicas y herramientas de análisis de datos, se ofrecieron ejemplos a través de casos de uso basados en proyectos reales de la organización. El contenido de la capacitación se dividió en dos módulos: el primero se centró en técnicas prácticas y tutoriales para recolectar, almacenar y procesar de datos; mientras que el segundo se enfocó en la interpretación de datos, a través de la incorporación de nociones básicas de estadística, lectura de bases de datos y manejo de visualizaciones.





## ( ) AI AND STATISTICS FOR THE SDGs



#### **English**

# Technical Support to the Design of Tunisia's National Strategy for Development of Statistics (NSDS)

DPA, in collaboration with the UN System in Tunisia and under the implementation leadership of UNDP, is providing technical support to the National Statistics Council (NSC) and the National Institute of Statistics (NIS) in the development of the first National Strategy for the Development of Statistics (NSDS) in Tunisia. The process of the NSDS development includes (i) Identifying the strengths, weaknesses, and needs of the Tunisian National Statistical System (NSS) through a comprehensive strategic diagnostic of the NSS; (ii) Developing a 5-year National Strategy for the Development of Statistics that facilitates the timely production of reliable statistics to contribute to informed public policymaking aligned with the SDGs; (iii) Developing an advocacy and communication plan to accompany the NSDS implementation, and (iv) Developing a three-year action and financing plans to effectively implement the strategic orientations defined in the NSDS.

العربية

#### الاستراتيجية الوطنية لتطوير الإحصاءات

ستقوم المنظمة بالتعاون مع منظومة الأمم المتحدة في تونس، والمجلس الوطني للإحصاء، والمعهد الوطني للإحصاء، وتحت القيادة التنفيذية لبرنامج الأمم المتحدة الإنمائي، بمساعدة المجلس الوطني للإحصاء والمعهد الوطني للإحصاء في وضع الاستراتيجية الوطنية لتطوير الإحصاءات في تونس. ستركز الأهداف العامة لهذه الاستشارات في المقام الأول على (أ) تحديد نقاط القوة والضعف واحتياجات النظام الإحصائي الوطني التونسي من خلال تشخيص استراتيجي شامل للنظام الإحصائي الوطني؛ (ب) وضع استراتيجية وطنية لتطوير الإحصاءات التي تسهل إنتاج إحصاءات موثوقة في وقت مناسب، للمساهمة في وضع سياسات عامة مطلعة تتماشى مع أهداف التنمية المستدامة؛ (ج) وضع خطط عمل وتمويل لمدة ثلاث سنوات لتنفيذ الاستراتيجيات الوطنية للتنمية المستدامة.



**Partners:** UNDP Tunisia (Funder), the National Statistics Council, the National Institute of Statistics, UN System in Tunisia









# ( ) AI AND STATISTICS FOR THE SDGs



#### English

# **Exploiting the Possibilities Offered by Big Data to Monitor the Achievement of the Sustainable Development Goals in Morocco**

This project, supported by UNDP Morocco and the Moroccan Ministry of Economy and Finance, worked to improve official statistical measurements using Big Data in order to improve the timeliness and reliability of how progress towards the Sustainable Development Goals is measured. Additionally, this project contributed to strengthening the Moroccan digital ecosystem by improving the design, implementation, and monitoring of fair public policies, and informing better investment decisions towards achieving the SDGs. Our organization conducted a benchmark study and developed three pilot applications to monitor priority indicators for sustainable development in Morocco: mental health (target 3.4) using Google Trends data, water stress (indicator 6.4.2) using earth observation, ICT skills (indicator 4.4.1) using data collected through an online survey on Facebook.

استغلال الإمكانات التي تتيحها البيانات الضخمة لمتابعة تحقيق أهداف التنمية المستدامة في المغرب

ستقوم المنظمة بالتعاون مع منظومة الأمم المتحدة في تونس، والمجلس الوطني للإحصاء، والمعهد الوطني للإحصاء، وتحت القيادة التنفيذية لبرنامج الأمم المتحدة الإنمائي، بمساعدة المجلس الوطني للإحصاء والمعهد الوطني للإحصاء في وضع الاستراتيجية الوطنية لتطوير الإحصاءات في تونس. ستركز الأهداف العامة لهذه الاستشارات في المقام الأول على (أ) تحديد نقاط القوة والضعف واحتياجات النظام الإحصائي الوطني التونسي من خلال تشخيص استراتيجي شامل للنظام الإحصائي الوطني؛ (ب) وضع استراتيجية وطنية لتطوير الإحصاءات التي تسهل إنتاج إحصاءات موثوقة في وقت مناسب، للمساهمة في وضع سياسات عامة مطلعة تتماشى مع أهداف التنمية المستدامة؛ (ج) وضع خطة للدعوة والتواصل، و(د) وضع خطط عمل وتمويل لمدة ثلاث سنوات لتنفيذ الاستراتيجيات الوطنية التنمية المستدامة

Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul

**Partners:** UNDP Morocco and Moroccan Ministry of Economy and Finance







## (F) AI AND STATISTICS FOR THE SDGs



#### English

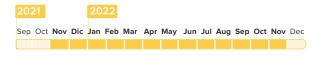
#### Al for the SDGs and Beyond? Towards a Human Al Culture for Development and Democracy

This book chapter, part of UNESCO and MILA's 2023 book, "Missing LInks in AI Governance", was co-authored by DPA's Emmanuel Letouzé, Nuria Oliver, Bruno Lepri, and Patrick Vinck. It explores the key tenets and gaps in the narrative around "AI for SDGs". The chapter also outlines the conditions necessary for creating a human AI culture, in which AI is a useful instrument controlled by humans, and working towards the advancement of equality. This also requires the development of awareness, systems, and skills for monitoring the SDGS, in addition to fostering participation and collaboration between data-subject citizens on new and existing AI-inspired initiatives.

#### Français

#### L'IA pour les ODD et au-delà ? Vers une culture de l'IA humaine pour le développement et la démocratie

Ce chapitre, qui fait partie du livre 2023 de l'UNESCO et du MILA, "Angles morts de la gouvernance de l'IA", a été co-écrit par Emmanuel Letouzé, Nuria Oliver, Bruno Lepri et Patrick Vinck du DPA. Il explore les principes clés et les lacunes dans le récit autour de "l'IA pour les ODD". Le chapitre décrit également les conditions nécessaires à la création d'une culture de l'IA humaine, dans laquelle l'IA est un instrument utile contrôlé par les humains, et qui œuvre à l'avancement de l'égalité. Cela nécessite également le développement d'une sensibilisation, de systèmes et de compétences pour le suivi des ODD, ainsi que la promotion de la participation et de la collaboration entre les citoyens sujets de données dans le cadre d'initiatives nouvelles et existantes inspirées par l'IA.



Partners: UNESCO, MILA









# ( ) AI AND STATISTICS FOR THE SDGs



#### **OPAL for SDGs**

As the 2030 milestone nears, one the most valuable resources for measuring and promoting the Sustainable Development Goals (SDGs) remains virtually untouched: sensitive data collected by private companies including **telecom operators' metadata**, **satellite imagery**, **financial transactions**, and **social media data**.

Several academic studies and pilots have showed the potential of using these data sources to **estimate SDG indicators**, especially those known as "Tier 2" indicators that are not well measured through traditional methods, including those related to major challenges faced by millions such as the availability of **sanitation services**, **electricity coverage**, or **forced migrations**.

Legitimate concerns over privacy in particular have impeded progress towards using these data at scale, but the solution exists: **the Open Algorithms (OPAL)** approach, a socio-technical innovation that combines **privacy-preserving technology** and **participatory governance** system to allow analyzing sensitive data without ever exposing them while providing means for **communities to weigh in** on uses of data about themselves.



Leveraging Non-Traditional Data to Monitor and Mapping Multidimensional Poverty in Brazilian Favelas

**Geography:** Brazil

Research area: Mapping and monitoring

poverty in two large favelas

Data sources: Call Detail Records (CDRs)



**Big Data Projects for SDG Monitoring in Morocco** 

Geography: Morocco

Research area: (3.4) Mental Health (4.4.1) ICT Skills

(6.4.2) Water stress

Data sources: Google Trends, Online survey on

Facebook, Earth Observation





# ( ) AI AND STATISTICS FOR THE SDGs



#### NAIXUS: Global Academic Network on AI for the SDGs

**Partners:** International Research Centre on Artificial Intelligence (IRCAI), ELLIS Alicante Foundation, Cetic.br

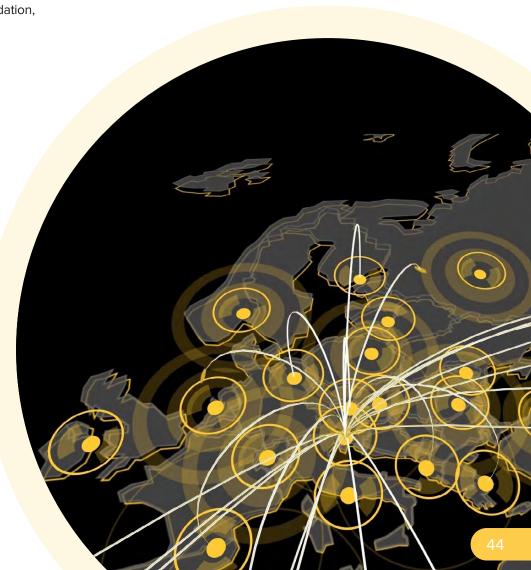






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DPA, in partnership with the Slovenia-based International Research Center on Artificial Intelligence under the auspices of UNESCO (IRCAI), the ELLIS Alicante Foundation, and the Brazil-based Regional Centre of Studies on Information and Communication Technologies (Cetic.br) have created NAIXUS (Network on AI and Knowledge for the SDGs), a global network of academic and research centers of excellence. Launched in May 2022, NAIXUS is the first network of its kind, and aims to foster collaborative projects and activities (papers, publications, conferences, symposiums, fellowships and academic exchanges, etc.) between researchers, professors and graduate students from partner universities and institutions (about 35 to date) who share the same vision of shaping and leveraging AI for sustainable and inclusive development. For more information or expressions of interest, click here.





Systems-Approach to Foster Sustainable Livelihoods and Ecosystems



"By delving into the shocks and crises affecting the reality of livelihoods in the Global South, our Program contributes to the 2030 Agenda by reimagining a resilient and inclusive future by utilizing robust evidence and insights."

Nigora Isamiddinova Program Director

#### **Impact**

DPA improves evidence, knowledge, and tools for policy-making at the nexus of crisis, conflict, and climate change —and their impacts on livelihoods and societies— to foster resilience and inclusion in the face of multiple co-occurring shocks.

#### **Methods**

Mixed-methods data collection and analyses, evaluations, Albased modeling, and participatory approaches for contextualized action-plans to strengthen resilience and produce stronger social protection systems

#### **Products**

- 1. Crisis Impact Evaluations
- 2. Socioeconomic Vulnerability Assessments
- 3. Leave No One Behind (LNOB) Assessments
- 4. Future of Livelihoods Lab

#### **Relevant SDGs**

- 1. No Poverty
- 3. Good Health and Well-Being
- 7. Affordable and Clean Energy
- 11. Sustainable Cities and Communities
- 13. Climate Action





#### **English**

# Assessing the Socioeconomic Impacts of COVID-19 and the Role of Disaster Risk Governance in Western Sahel and Lake Chad Basin

In partnership with the UNDP Regional Office and ECOWAS, DPA and ADE conducted assessments of the socioeconomic impacts of COVID-19 and the role of disaster risk governance (DRG) in seven countries of the Western Sahel and Lake Chad Basin (Burkina Faso, Chad, Niger, Nigeria, Mali, Mauritania and Senegal). The study analyzed the impacts of the pandemic on macroeconomic health, human development, political governance, peace, and social cohesion, as well as the role of DRG institutions at the regional and national levels. The assessment utilized mixed methods with qualitative and quantitative data collection to produce seven country-level analyses, a regional comparative study, and a policy brief.

#### Français

# Evaluation des Impacts Socio-économiques du COVID-19 et du Rôle de la Gouvernance des Risques de Catastrophes Dans le Sahel Occidental et le Bassin du lac Tchad

En partenariat avec le Bureau régional du PNUD et la CEDEAO, DPA et ADE ont évalué les impacts socio-économiques du COVID-19 et le rôle de la gouvernance des risques de catastrophes dans sept pays du Sahel occidental et du bassin du lac Tchad (Burkina Faso, Tchad, Niger, Nigeria, Mali, Mauritanie et Sénégal). L'étude a analysé les impacts de la pandémie sur la santé macroéconomique, le développement humain, la gouvernance politique, la paix et la cohésion sociale, ainsi que le rôle des institutions de la GDR aux niveaux régional et national. L'évaluation a utilisé des méthodes mixtes avec une collecte de données qualitatives et quantitatives pour produire sept analyses au niveau des pays, une étude comparative régionale et une note d'information.



**Partners:** UNDP Regional Hub for West and Central Africa (Funder), ADE, GeoPoll, ECOWAS















#### English

# Supporting the Development of Comprehensive and Responsive Social Protection Systems for the Resilience of Vulnerable Households

This project is creating both preventive and responsive social protection systems against climate shocks and natural disasters in four Latin American countries: Colombia, Dominican Republic, Honduras, and Uruguay. An analysis of pertinent data sources has been conducted, followed by the development of a plan to access these data. Data science models are based on a strong methodological approach in order to develop preventive and responsive social protection systems. DPA will lead the knowledge exchange and outreach activities, including the development of a webinar.

#### Español

#### Apoyo al Desarrollo de Sistemas de Protección Social Integrales y Responsivos para la Resiliencia de los Hogares Vulnerables

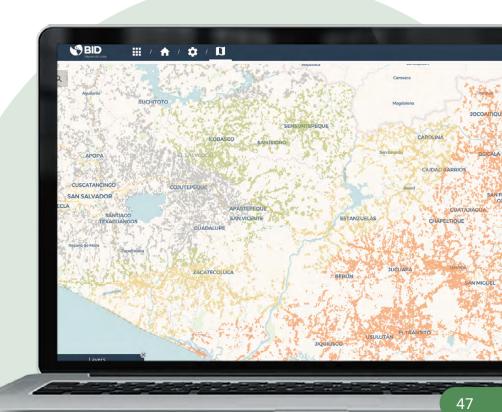
El objetivo principal de este proyecto es crear sistemas de protección social tanto preventivos como de respuesta a choques climáticos y desastres naturales (CCDNs) en cuatro países de América Latina y el Caribe: Colombia, Honduras, República Dominicana y Uruguay. Se desarrollaron modelos de ciencia de datos basados en una metodología rigurosa para la creación de sistemas de protección social preventivos y responsivos. Data-Pop Alliance liderará las actividades de intercambio de conocimiento y divulgación, incluyendo el desarrollo de un webinar.



**Partners:** Inter-American Development Bank (Funder), ProsperIA (Lead)











# Assessing Africa's Borderlands Informal Social Protection Mechanisms in Sierra Leone and Liberia

Partners: UNDP Liberia and Sierra Leone





This study, supported by the UNDP's Country Offices in Liberia and Sierra Leone, developed a deep understanding of the existing informal social protection mechanisms and community development needs in the borderlands of Sierra Leone and Liberia. DPA adopted an inductive ethnographic approach consisting of qualitative methods complemented with quantitative data collection to identify borderland community needs and trends, covariate shocks faced and coping mechanisms, as well as the inclusion and exclusion factors. The outputs and findings of the study informed government and UNDP programmatic interventions aimed at strengthening the resilience of these communities.







# Leveraging Digital Data for Monitoring Human Rights and Social Dynamics Along and Around Value Chains

Partners: Amazon Research Awards (Funder), Ulula







Ensuring consumer products are generated by ethical means requires significant data on the human rights conditions and other social dynamics along the supply chain. At present, assessing the status of this system is hindered by outdated, imprecise, or unreliable data, making innovative approaches to close this gap increasingly necessary. With the support of Amazon Research Awards and in partnership with Ulula, DPA will seek to take stock and implement a comprehensive scoping review on the use of data and technology to monitor human rights along value chains with the use of 'non-traditional' data. Through qualitative and quantitative data analysis, DPA will identify key challenges in supply and value chains to safeguarding human rights, methods to improve outcomes, and means to ensure sustainable and meaningful changes to these systems.







# Climate-Induced Migration in Africa and Beyond: Big Data and Predictive Analytics (CLIMB)

Partners: Belmont Forum (Funder), Orange-Sonatel









In Senegal, as part of a project funded by the Belmont Forum titled "Climate-Induced Migration in Africa and Beyond: Big Data and Predictive Analytics" (CLIMB), DPA and its academic and civil society partners will be utilizing 'traditional' and 'non-traditional' data, including mobile phone data, to understand human mobility induced by extreme weather events. Enabled by OPAL technology, these Call Detail Records (CDR), provided through a partnership with Orange-Sonatel, will be layered with earth observation (EO), social media, survey, and official statistical data. This holistic approach will allow us to analyze migration processes from a multi-stage perspective (e.g. from internal displacement to onward/return migration), and gain more insights about the temporality of climate-induced migration. It will also allow us to better understand how migratory processes are shaped by multi-level (macro, meso, and micro) factors, including climate related, social, economic, sociological, and cultural.





#### **OPAL for Humanitarian Action**

During humanitarian emergencies, safeguarding the privacy and personal data of individuals is crucial to uphold their dignity, security, and human rights. By prioritizing these principles, **OPAL ensures the protection of individuals' dignity, security, and human rights**, while at the same time, enabling decision-makers to **harness the power of data to gain critical insights**. This helps allocate resources effectively, coordinate response efforts, and target assistance where it is most needed.

This data-driven approach enhances the **timeliness and accuracy of humanitarian interventions**, leading to more efficient and targeted responses that can mitigate the impacts of crises and support the recovery and resilience of affected communities. In a world where climate-induced shocks are becoming the "new normal", **DPA is working to make adaptation systems the "new normal" for humanitarian actors.** 

#### **Real World Applications**



Learn More 🔀

Climate-Induced Migration in Africa and Beyond: Big Data and Predictive Analytics (CLIMB)

Geography: Senegal

**Research area:** Human mobility induced by extreme

weather events

**Data sources:** Call Detail Records (CDRs), earth observation (EO), social media data, survey and official

statistical data



Photo Credit: DPA





# 4. DATA FEMINISM

Intersectional Data-Driven Advocacy and Policy for Gender Equity

This Program is partly supported by the partnership with the Patrick J. McGovern Foundation. **Learn more**.



"Our Program has been contributing to the advancement of the Agenda 2030 by building knowledge and fostering awareness on intersectional gender inequalities worldwide through data-driven approaches."

> Anna Spinardi Program Lead

#### **Impact**

DPA produces evidence for advocacy and policy to accelerate intersectional, feminist and LGBTQI+ inclusive gender equality.

#### **Methods**

Mixed-methods evidence-based assessments, gender and data capacity-building, advanced GBV data modeling and visualization, feminist-oriented evaluations

#### **Products**

- Evidence-Based Gender Assessments
- 2. Gender and Data Training
- 3. GBV Modeling
- 4. Landscape Mapping and Review

#### **Relevant SDGs**

- 3. Good Health and Well-Being
- 5. Gender Equality
- 8. Decent Work and Economic Growth
- 10. Reduced Inequalities
- 16. Peace, Justice, and Strong Institutions



# Capturing the Socioeconomic and Cultural Drivers of Sexual and Gender-Based Violence (SGBV) in Sierra Leone

Partners: UNDP Sierra Leone (Funder), Statistics Sierra Leone, Rainbo Initiative



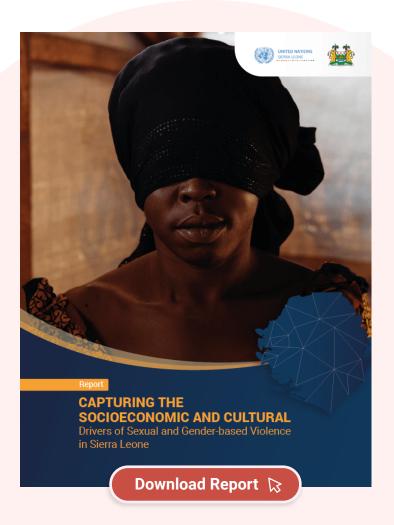






This project assessed the prevalence, incidence, trends, and patterns of sexual and gender-based violence (SGBV) in Sierra Leone through a mixed-methods approach and innovate machine learning techniques. By analyzing the structural and root causes that contribute to SGBV, the final report provided targeted policy recommendations to prevent and respond to this phenomenon through a unified national response.

With regards to quantitative methods, DPA mapped, accessed, and analyzed national and international data sources to uncover which drivers might have a higher statistical influence on the prevalence of SGBV. With this information, the research team created advanced machine learning techniques to identify the most relevant indicators and their relationship to SGBV. This analysis was complemented with qualitative data collected through a systematic literature review (over 50 pieces, supported by the ecological model), semi-structured interviews with survivors of SGBV, and focus group discussions with key CSO and government stakeholders.





#### English

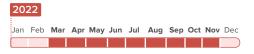
# Mobility to Get Further and Farther Ahead: How do Women in Lima and Mexico City Move Around?

Every day, women across Latin America take to the streets, exercising their right to mobility. However, along the way, they are confronted with public spaces and mobility options that often fail to consider their unique needs. This report presents the findings of a survey conducted in 2022 on the mobility patterns of women in Metropolitan Lima and the Metropolitan Zone of the Valley of Mexico, two of the most important metropolises in Latin America. The report is divided into four thematic areas: daily mobility, perception of public transport, safety, and the importance of transport in daily activities.

#### Español

# Movilidad para llegar más lejos: ¿cómo se mueven las mujeres en Lima y CDMX?

Cada día, las mujeres latinoamericanas salen a la calle e intentan ejercer su derecho a la movilidad. Sin embargo, en el trayecto se enfrentan a espacios públicos y opciones de movilidad que no las toman en cuenta. Este reporte presenta los hallazgos de una encuesta aplicada en 2022 sobre los patrones de movilidad de las mujeres de Lima Metropolitana y de la Zona Metropolitana del Valle de México, dos de las metrópolis más importantes de Latinoamérica. El reporte se divide en cuatro ejes temáticos: movilidad cotidiana, percepción del transporte público, seguridad, y la importancia del transporte en las actividades diarias.



Partners: WhereIsMyTransport, Rumbo









#### Landscape Mapping and Review of Technology-Based Interventions to Address Child Marriage and Female Genital Mutilation Across 13 Countries in Asia and Asia

Partners: UNICEF (Funder), UNFPA

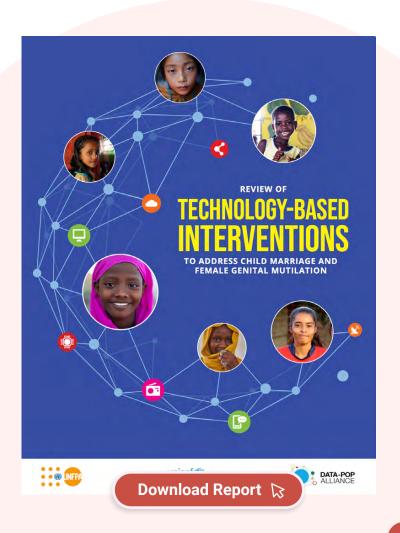






The need to end child marriage and FGM has never been greater —without accelerated progress to end both of these harmful practices, millions of women and girls across the globe will continue to be in danger. DPA, in collaboration with UNICEF and UNFPA, conducted a comprehensive landscape mapping and review of key technology-based interventions to address child marriage and FGM across 13 countries in Africa and Asia (Bangladesh, Burkina Faso, Egypt, Ethiopia, Ghana, India, Kenya, Mozambique, Nepal, Sierra Leone, Sudan, Uganda, Zambia). During the second phase of the project, DPA carried out an in-depth review of three selected interventions to better understand their effectiveness, key success factors, and potential areas for improvement.

The methodology proposed by DPA was based on intersectional feminist approach and an analysis integrating both quantitative and qualitative research methods, as well as traditional and non-traditional data sources collected at different stages of the study, underpinned by a participatory approach involving UNICEF, UNFPA, and other stakeholders.





#### **GIZ Data Feminism Series**

Partners: GIZ Data Lab

GIZ DATA LAB



The GIZ Data Feminism Series focused on inspiring GIZ team members to see Gender Data as a cornerstone of successful Feminist Development Cooperation, in which power relations are considered and intersectional approaches are integrated. Under the motto "From Talk to Action", the series was divided into 4 separate events, each featuring high-ranking subject matter experts sharing experiences from around the globe, as well as speakers from different sectors. The final session was a participatory workshop in which GIZ staff created recommendations for the organization's future Data Feminism work. Attendance was a resounding success, with more than 150 people joining each of the sessions. To learn more, watch the video recordings available in the link.



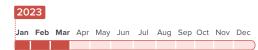


# Data and Algorithms to Measure and Prevent Gender Based Violence (GBV) in the UK

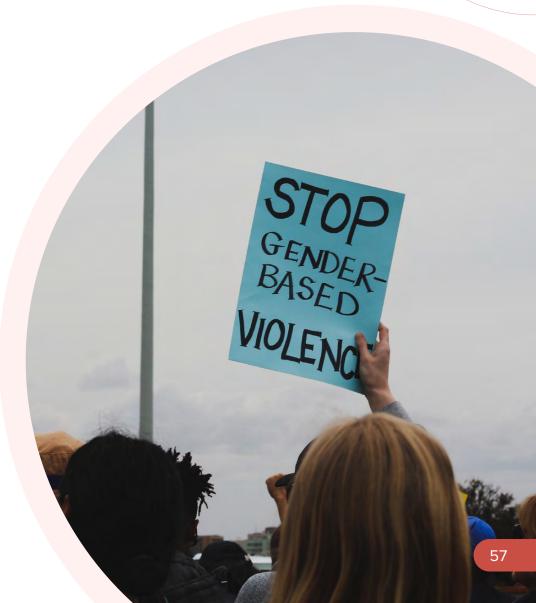
**Partners:** Economic and Social Research Council (ESRC), The University of Surrey, Impact Acceleration Accounts (IAA) (Funder)







This ESRC IAA funded project, co-organized by DPA and the University of Surrey, fostered collaborations and knowledge exchange between the external partners and experts at the University of Surrey, to develop a novel data-driven framework to identify and analyze the causes of GBV. This framework will serve policy makers and advocates to mitigate GBV in the UK and worldwide, as well as highlight the importance of understanding the multiple factors that enable (or hinder) reporting and thus prevention and response to GBV. The outcomes of the first stage of this project included: (i) Workshop conducted in March 2023 to connect relevant actors and learn about the state of GBV in the UK, and (ii) Draft of a holistic data-driven framework against this phenomenon.

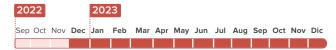




#### **Data Feminism Programmatic Grant**

Partners: Patrick J. McGovern Foundation





Through a new partnership with Data-Pop Alliance, the Patrick J. McGovern Foundation (PJMF) awarded DPA's Data Feminism Program a twelve-month, \$300,000 grant to support our work advancing intersectional, data-driven research, training, and advocacy to continue fostering gender equality across Latin America and the Caribbean, the MENA region, and Sub-Saharan Africa. This grant is enabling our Data Feminism team to continue to harness gender-inclusive data, both from traditional and non-traditional sources, to deepen and expand our past work on challenging and urgent issues such as violence against women and girls (VaWG), child marriage and female genital mutilation, access to services and opportunities, and equal participation and inclusion.

**Learn More ⋈** 







# 5. GEOGRAPHIES OF INEQUALITIES

Understanding and Measuring the Inequalities of Populations and Space



"Until every city becomes an equitable haven, the pursuit of the SDGs will remain incomplete, leaving behind marginalized groups and hindering progress. Our Program harnesses data to address these urban inequalities."

Ricardo Fuentes-Nieva Chief Economist

#### **Impact**

Investigate and deepen the understanding on the degree to which people are excluded or vulnerable within a society, how it translates into segregation patterns between and within regions, and into their capabilities and opportunities. This includes advancing knowledge on how places and spaces can either exacerbate or mitigate inequality within societies.

#### **Methods**

Mixed-methods research, community and geospatial mappings and analyses, advanced data visualizations, policy recommendations and advicee

#### **Products**

- 1. The Right to the City
- 2. Exclusion and Vulnerability Assessments

#### **Relevant SDGs**

- 1. No Poverty
- 5. Gender Equality
- 10. Reduced Inequalities
- 11. Sustainable Cities and Communities
- 16. Peace, Justice, and Strong Institutions



## **GEOGRAPHIES OF INEQUALITIES**



#### English

# Study of the Spatial Distribution and the Dynamics of Violence Involving Children and Youth in Urban Settings of Port-au-Prince

DPA, in collaboration with UNICEF Haiti, is developing a study to understand the spatial distribution, socioeconomic factors and impact on children (under 18 years of age) and youth (18-24 years of age) affected by violence, as well as the dynamics of children and youth participation in violent activities in targeted urban settings of Port-au-Prince's metropolitan area. Specifically, the study involves: (i) Mapping the geospatial distribution of violence involving/affecting children and youth; (ii) Analyzing the current context to better understand the dynamics of children and youth participation in violence in targeted areas; (iii) Obtaining more detailed information and data on the situation; (iv) Developing feasible and context specific strategies in the immediate and mid-long terms to prevent children and youth engaging in violence.

#### Français

# Étude de la Distribution Spatiale et de la Dynamique de la Violence Impliquant les Enfants et les Jeunes Dans les Milieux Urbains de Port-au-Prince

DPA, en collaboration avec L'UNICEF en Haïti, a mené une étude visant à comprendre la distribution spatiale de la violence des gangs et son impact sur les enfants de moins de 18 ans ainsi que sur les jeunes âgés de 18 à 24 ans dans la région métropolitaine de Port-au-Prince. Cette étude a également analysé la dynamique de leur participation à des activités violentes, ainsi que les causes structurelles derrière l'escalade de la violence dans cette région. Plus précisément, les objectifs de l'étude étaient les suivants : (i) Cartographier la distribution géo-spatiale de la violence impliquant ou affectant les enfants et les jeunes; (ii) Analyser les impacts de la violence sur les enfants et les jeunes; (ii) Étudier la dynamique et les causes structurelles derrière l'escalade de la violence à Port-au-Prince et la participation des enfants et des jeunes à celle-ci; (iv) Développer des stratégies réalisables et spécifiques au contexte, à court, moyen et long terme, pour empêcher les enfants et les jeunes de s'engager dans des activités violentes et pour les protéger des impacts de la violence.

Photo Credit: Unsplash.com/Heather-suggit



Partner / Funder: UNICEF Haiti







# **GEOGRAPHIES OF INEQUALITIES**



#### **English**

# Leveraging Non-Traditional Data to Monitor and Map Multidimensional Poverty in the Favelas of Brazil

This project aims to leverage novel 'non-traditional' data for mapping and monitoring multidimensional poverty in informal urban settings, while taking into account and reflecting context-specific nuances. It is carried out in partnership with and build on the work of the Brazilian NGO Gerando Falcões (GF), and focuses on 2 Brazilian favelas—Morro da Providência in Rio de Janeiro and Favela dos Sonhos in São Paulo. Concretely, we seek to evaluate and estimate different proxies from a subset of dimensions of the multidimensional poverty index developed by GF using survey data. These proxy estimates will help to map and monitor multidimensional poverty patterns and trends at fine-grained levels of spatial and temporal granularity, and possibly at lower costs. The project should yield indicators and methodologies that could be expanded to other dimensions of the index, as well as other Brazilian favelas, and possibly other countries.

#### Português

#### Utilizando Dados Não Tradicionais para Monitorar e Mapear a Pobreza Multidimensional nas Favelas do Brasil

Este projeto visa utilizar novos dados 'não tradicionais' para mapear e monitorar a pobreza multidimensional em ambientes urbanos informais, levando em consideração nuances específicas desses contextos. É realizado em parceria e construído sobre o trabalho da ONG brasileira Gerando Falcões (GF), e se concentra em 2 favelas brasileiras — Morro da Providência no Rio de Janeiro e Favela dos Sonhos em São Paulo. Concretamente, procuramos construir análises de variáveis de um conjunto de dimensões de um índice de pobreza multidimensional, o qual foi desenvolvido pela GF a partir de dados de pesquisa. Essas variáveis ajudarão a mapear e monitorar padrões e tendências multidimensionais da pobreza em níveis refinados de granularidade espacial e temporal e, possivelmente, a custos mais baixos. O projeto deve produzir indicadores e metodologias que poderão ser expandidos para outras dimensões do índice, bem como para outras favelas brasileiras, e possivelmente outros países.

Photo Credit: shutterstock.com/Skreidzeleu



**Partners:** MIT Sloan Latin American Office (Funder), Gerando Falcões









## **GEOGRAPHIES OF INEQUALITIES**



#### **The Racial Justice Data Project**

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(Ongoing)

The current debate on the collection and use of race-related data is shaped by country-specific cultural practices and historical backgrounds. Nevertheless, there is a pressing need for more and better racial data in all societies, as a prerequisite for addressing related inequalities. The Racial Justice Data Project contributes to this movement of greater visibility for racial data while focusing on regions that have not been sufficiently explored (Europe and Latin America) and will eventually cover multiple racial-related themes within the platform.

The project will provide valuable inputs that can be used by a wide range of actors, from civil society, journalists, researchers, and individuals to advance advocacy causes through data-driven strategies, to public or private stakeholders as a fundamental tool for evidence-based decision-making. To achieve these goals, the project will leverage data from a wide variety of traditional and non-traditional sources, including existing datasets, reports from civil society organizations, legal documents, and social media to present a fuller picture of the effects of racism in an accessible and actionable manner.





Making Technology and Information Work in the Age of Infocracy



Our program seeks to tackle the complex challenges at the intersection of technology and democracy—including disinformation, polarization, and online threats to democratic processes—with an aim to foster societal and institutional conditions that resonate with the 2030 Agenda.

Julie Ricard Program Director

#### **Impact**

The Program has two key goals: (i) Improve the response to antidemocratic processes fueled online, such as disinformation, and (ii) Contribute to building a healthier online sphere that fosters positive social and political transformations offline.

#### **Methods**

Thematic cycles on Eureka (non-profit social media fostering social awareness), mixed-methods research, Al-based tools

#### **Products**

- 1. Infocracy Studies in Global Majority Countries
- 2. Awareness-Raising Cycles on Eureka
- 3. Al-Based Diversity Assessments

#### **Relevant SDGs**

- 4. Quality Education
- 5. Gender Equality
- 9. Industry, Innovation, and Infrastructure
- 16. Peace, Justice, and Strong Institutions





#### English

# Breaking the Vicious Cycle: Identifying Intervention Points to Tackle Disinformation in Senegal and Burkina Faso

For this project, DPA developed a comprehensive ecosystem approach to address the multifaceted nature of disinformation. Recognizing the need to examine disinformation beyond social media, our methodology considers the interconnected networks of online influencers, traditional media, and groups weaponizing (dis)information for socio-political purposes. We also investigated the underlying economic, political, and social motivations driving the weaponization of disinformation by powerful groups or individuals, and allowing a narrative to be anchored in society. This approach enabled us to pinpoint the most effective intervention points within the (dis)information cycle in Senegal and Burkina Faso, providing valuable insights and recommendations, particularly concerning the role of bilateral aid agencies such as AFD.

#### Français

# Briser le Cercle Vicieux : Identifier les Points d'Intervention pour Lutter Contre la Désinformation au Sénégal et au Burkina Faso

Pour ce projet, DPA a développé une approche d'écosystème pour aborder la nature complexe de la désinformation. Reconnaissant le besoin d'examiner la désinformation au-delà des réseaux sociaux, notre méthodologie prend en compte les réseaux interconnectés d'influenceurs en ligne, de médias traditionnels et de groupes qui utilisent l'information à des fins socio-politiques. Nous avons également étudié les motivations économiques, politiques et sociales sous-jacentes qui poussent les groupes ou individus puissants à exploiter la désinformation et permettent au récit narratif de s'ancrer dans la société. Cette approche nous a permis d'identifier les points d'intervention les plus efficaces au sein du cycle (dés)informationnel au Sénégal et au Burkina Faso, fournissant ainsi des recommandations pour contrer la désinformation, en particulier concernant le rôle des agences d'aide bilatérales telles que l'AFD.



Partner / Funder: French Development Agency (AFD)









#### English

# Disarming Disinformation: How Migrants Fall Victim to Disinformation

To fill the information gap brought on by complex migratory processes, poor institutional communication, and lack of trust in authorities, Latin-American migrant communities crossing Mexico on their way to the USA often resort to the use of social media and instant messaging apps. While sometimes a source of helpful information, these are also polluted with disinformation and scams, ranging from alleged "opening" days/hours of Mexico's northern border, to fallacious legal advice, to false job and visa offerings. In collaboration with Conexión Migrante, VerificadoMX, PolitiFact and The Associated Press, the DPA team investigated the business models that leverage and finance the disinformation that can put migrants' lives at risk. The investigation was published by multiple media outlets, including our partner Proceso.

#### Español

# La trampa de la desinformación: el negocio de engañar a personas migrantes

Para llenar el vacío de información provocado por los complejos procesos migratorios, la escasa comunicación institucional y la falta de confianza en las autoridades, las comunidades migrantes latinoamericanas que cruzan México camino de EE.UU. recurren a menudo al uso de las redes sociales y las aplicaciones de mensajería instantánea. Aunque a veces son una fuente de información útil, también están contaminadas con desinformación y estafas, que van desde supuestos horarios de "apertura" de la frontera norte de México, pasando por asesoramiento jurídico falaz, hasta falsas ofertas de empleo y visados. En colaboración con Conexión Migrante, VerificadoMX, PolitiFact y The Associated Press, el equipo de la DPA investigó los modelos de negocio que aprovechan y financian la desinformación que puede poner en riesgo la vida de los migrantes. La investigación fue publicada por múltiples medios de comunicación, entre ellos nuestro socio Proceso.

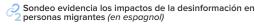
#### **See Publications**

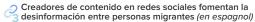


La trampa de la desinformación: el negocio de engañar a personas migrantes (en espagnol)



Migrants in Mexico fall victim to rampant scams on their way to the US (en anglais)







**Partners:** International Center for Journalists (ICFJ) (Funder), VerificadoMX, PolitiFact, Conexión Migrante, Proceso









Publication Partne











#### English

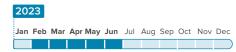
#### Tecnológico de Monterrey's Educational Partner

The "Technology and Democracy" Program's research team was invited by Technologico de Monterrey Campus Puebla to serve as an "educational partner" for an undergraduate course during the February-June 2023 semester. We guided and supported students as they undertook a "research challenge" set against the backdrop of the escalating disinformation crisis, which has experienced exponential growth in scope and dissemination speed due to new digital technologies. In particular, we explore the impacts of Artificial Intelligence (AI), including generative AI, spanning various subtopics such as gender and migration. As such, the challenge crafted for this course involved examining the opportunities and obstacles of utilizing AI to combat disinformation from multiple perspectives, striving to maximize its potential while mitigating limitations and risks.

#### Español

#### Socio Formador del Tecnológico de Monterrey

El equipo de investigación del Programa "Tecnología y Democracia" fue invitado por el Tec de Monterrey Campus Puebla para fungir como "socio formador" en una clase de licenciatura, durante el semestre febrero-junio 2023. Guiamos y acompañamos a los estudiantes en la realización de un "reto de investigación". Dicho reto emerge en el contexto de la crisis de desinformación, cuyo alcance y rapidez de difusión ha incrementado de manera exponencial gracias a las nuevas tecnologías digitales. En particular, exploramos el uso e impacto de la Inteligencia Artificial (IA), incluida la IA generativa, abarcando varios subtemas como género y migración. Siendo así, el reto diseñado para esta clase consistió en analizar las oportunidades y desafíos que representa el uso de IA para combatir el fenómeno de la desinformación, con el objetivo de maximizar su potencial mientras se mitigan las limitaciones y riesgos.



Partner: Tecnológico de Monterrey Campus Puebla









#### English

#### **Eureka: Leveraging Technology and Culture for Social Justice**

Eureka is the first book-film club for social change. We are a non-for-profit and non-data-extractive social media platform designed for users to find books and films on a particular topic, discuss it with a community and, ultimately, inspire engagement and action towards social change. Our goal is to use culture content as an excuse to promote deep dialogue. Our strategy is to prompt "Eureka moments", which we define as individual revelations that can impact or transform the collective. Eureka's one-of-a-kind feature is the "thematic cycles", designed to leverage the vast potential of books and films to trigger deep and transformational thinking, and to build community.

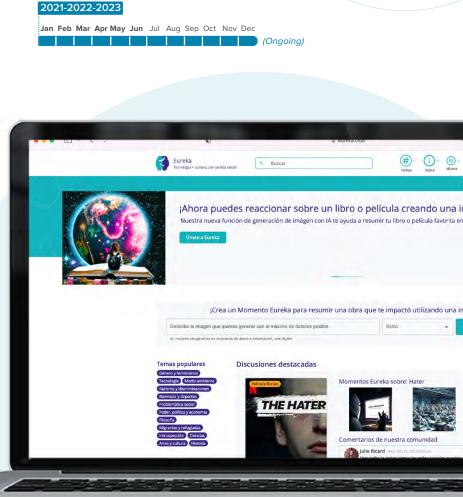
Eureka was developed as part of Julie Ricard's "Tech and Society Fellowship" supported by the Mozilla Foundation, and is now hosted under the umbrella of Data-Pop Alliance.

#### Español

# Eureka: Donde la tecnología se une a la cultura por justicia social

Eureka es el primer club de libros y películas para el cambio social. Es una red social sin fines de lucro y que no está basada en la monetización de datos personales. Eureka está diseñada para que lxs usuarixs encuentren libros y películas sobre un tema de interés y lo discutan con una comunidad, con el objetivo de inspirar el compromiso y la acción hacia el cambio social. Nuestra apuesta es utilizar contenidos culturales como excusa para promover un diálogo profundo. Nuestra estrategia es fomentar "momentos Eureka", definidos como revelaciones individuales que generan una nueva forma de interactuar con la sociedad. La funcionalidad única de la plataforma son los "ciclos temáticos", diseñados para aprovechar el gran potencial de los libros y las películas para desencadenar un pensamiento profundo y transformador, y para construir comunidad.

Eureka fue desarrollado como parte del programa "Tecnología y Sociedad" financiado por la Fundación Mozilla, del cual Julie Ricard fue seleccionada. Actualmente recae dentro de los proyectos de Data-Pop Alliance.



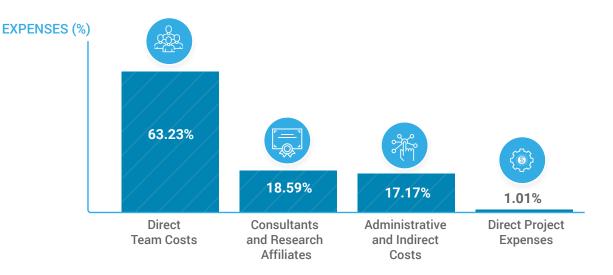
# INSTITUTIONAL SNAPSHOT

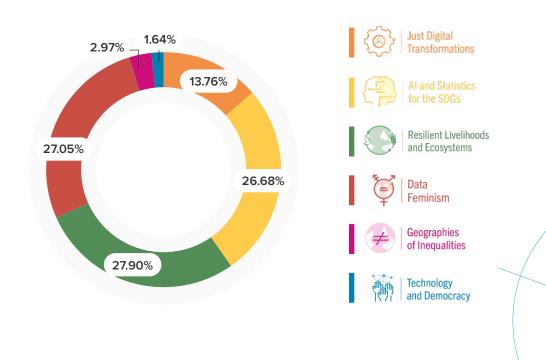
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# FINANCIAL STATEMENT

1.29
MILLION
USD IN FUNDING

**22 DONORS** 





# **PARTNERS**

#### **Intergovernmental Organizations**

















U N Sierra Leone



**Equatorial Guinea** 













#### Governmental **Organizations**



























#### **Non-Governmental and Civil Society Organizations**









**Private Sector** 



































PROSPERIA









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# SUPPORT OUR WORK

Data-Pop Alliance is an entirely independent organization whose work is made possible by project funding, donor support and individual contributions. Our dedicated and passionate team spends hundreds of hours each month applying to open calls-for-proposals; a highly-competitive process that too often diverts our limited resources away from what really counts: engaging in thoughtful, innovative, and participatory work to Data and Al for a Better World.

Your personal financial contribution to our organization has power: every dollar, euro, peso, etc. directly funds our team and can enable us to pursue original, groundbreaking work in topics and regions underserved by traditional project funding. Your donation is tax-deductible in the USA and France.

Institutional donations from philanthropic foundations, donor organizations, or private companies are also welcome. To learn more about funding modalities, please contact fundraising@datapopalliance.org.

Help us change the world with data by making a (USA tax-deductible) contribution through our website.



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