OVERVIEW and OUTLOOK
2020-2022
Changing the World with Data
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Criteria: An Interactive Decision Support System
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3. Gender Inequities, Violence, and Data Disparities
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Data-Pop Alliance is a not-for-profit collaborative of researchers, practitioners, and activists founded in 2013 with the MIT Connection Science, Harvard Humanitarian Initiative and Overseas Development Institute who aim to “change the world with data” through our three 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.
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1. Ciudata Segura
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2. Course “Human Artificial Intelligence for Human Development”
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   - Countries: Brazil, Costa Rica, El Salvador, Honduras

4. Datamex: “Mundos Paralelos”
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6. National Big Data Strategy for Colombia
   - Partners: The Department of National Planning (DNP) and Impulsa
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7. Project Cycle Hacking Toolkit: Leveraging Non-Traditional Data Sources Along the Project Cycle
   - Partner: GIZ Data Lab
   - Country: Ecuador

8. Reporting and Registering Domestic Violence Against Women and Girls in Mexico
   - Partner: ENAPD and Granddata
   - Countries: Brazil, Colombia, Mexico

9. The Impact of Lockdown Restrictions on Mobility, Income and Employment
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10. Workshop “Aprendizaje de máquinas en imágenes satelitales para el cálculo de un indicador ODS”
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    - Partners: UN-ESCWA, Central Administration of Statistics (CAS), Qatar Computing Research Institute (QCRI)
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12. Leveraging Big Data Sources for COVID-19 Response, Policy Evaluation and Analysis in Lebanon and Jordan
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14. Assessment of the European Commission’s Work in Digitalisation in Sub-Saharan Africa
    - Partners: Analysis for Economic Development (ADE) and EU DEVCO
    - Regional focus

15. Assessment of the Impact and Implications of COVID-19 in Sub-Saharan Africa
    - Partners: UNDP Country Offices
    - Countries: Equatorial Guinea, Liberia, South Sudan, Togo

GLOBAL

16. GIZ FAIR Forward Consultation on International AI-Policy and Data Governance Policies
    - Partner: GIZ FAIR Forward
    - Country: Uganda

17. GIZ Customized Data Sharing Toolbox and Recommendations for GIZ’s Data Strategy
    - Partner: GIZ Data Lab

18. Mobile Data for Development (MD4D) Handbook
    - Partner: Digital Impact Alliance (DIAL)

19. Strategic Evaluation of the World Food Programme’s (WFP) Use of Technology in Constrained Environments
    - Partner: ADE
    - Countries: Bangladesh, Democratic Republic of Congo, Iraq, Jordan, Niger, South Sudan

20. The C-19 Global South Observatory
    - Partner: ADE

    - Partner: Vodafone Institute for Society and Communications

Notes:
1. The projects marked with an asterisk (*) were completed during 2020. All others are ongoing in 2021.
2. For more information on the workshops/webinars, go to page 19.
Assessment of Socioeconomic Impacts of COVID-19 and Role of Disaster Risk Governance in Seven Countries of Western Sahel and Lake Chad Basin
Partner: UNDP
Countries: Burkina Faso, Chad, Mali, Mauritania, Niger, Nigeria, Senegal

Evaluation of the European Union Cooperation with the United Nations
Partners: ADE and the European Union Directorate - General for Neighbourhood and Enlargement Negotiations (DG-NEAR)
Focus: European Union

Mental Health and Gender Inequality in the MENA Region: An Analysis of Shock Related Factors Within the Context of the COVID-19 Pandemic
Partners: The Economic Research Forum (ERF) and Agence Française de Développement (AFD)
Countries: Egypt, Morocco, Sudan, Tunisia

Policy Note on Building Back Better and More Resilient Livelihoods and Economic Recovery Approaches and Solutions in Fragile, Crisis and Post-crisis Settings
Partner: UNDP
Focus: Global

Strengthening Big Data Technical Capacities for Sustainable Development in Latin America and the Caribbean
Partner: Spanish Agency for International Development Cooperation (AECID)
Countries: Bolivia, Colombia, Dominican Republic, El Salvador, Guatemala, Uruguay, Peru

World Trends in Freedom of Expression and Media Development Report
Partner: UNESCO
Focus: Global
2020 exposed and exacerbated pre-existing fault lines that had been previously ignored or minimised by those who claimed that 2019 was “the best year in the history” only weeks before the pandemic shredded this illusion. Data exposed systemic inequities and structural imbalances when it showed, for example, that reducing mobility was ‘a luxury’ that disadvantaged communities and essential workers struggle to afford; in other words that COVID-19 could severely affect many—even while infecting few—in the poorest regions because of its impact on trade, tourism, international aid, and more. Years and perhaps decades of slow progress on major indicators—including extreme poverty and gender equality—were reversed, and negative trends accelerated, including environmental degradation, social polarisation, and income concentration.

In March 2020, we developed an ambitious ‘COVID-19 Global South Response and Recovery’ plan to help “rewire our systems and synapses to build a better future”. Since then, we have been working with partners in a dozen countries in Africa, Latin America, and Asia to assess the impact of COVID-19, assist in early responses, and suggest medium-term policy options. We also continued and amplified our pre-COVID-19 work in priority areas—inequalities, migration, violence, sustainability, human AI—in the context of the pandemic. In 2020, our mission statement, more than ever before, was “changing the world with data”—not in a cosmetic and opportunistic manner but in a bold yet incremental way, for and with local partners and communities, by strengthening evidence, enhancing efficiency, fostering accountability, increasing inclusion, and building data literacy. We did this with the reach and means of a medium-sized not-for-profit organisation, but with all our hearts and minds. The next few pages feature key projects developed in 2020, all of which are consistent with 4 core values that make up the word DATA.

**OUR VALUES**

for **Down-to-earth**: we work with team members and partners in the Global South, especially in Latin America and the Caribbean, Sub-Saharan Africa, and the Middle-East and North Africa, to try and answer local human problems with local perspectives.

for **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 best minds and institutions (or groups) in the world to do so.

for **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).

for **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.
Data offer a lens through which we capture and try to make sense of facets of the human experience, however imperfectly. By combining different types of data sources and analytical approaches with our local partners we seek to unveil and understand patterns, causes and effects of major human development processes. Our hope is to produce evidence that can change policies and behaviours.

2020 THEMATIC AREAS

1. Inequalities and Discriminations
2. Migration and Displacement
3. Crime and Violence
4. Sustainable Futures
5. Human AI and Society
6. COVID-19

PUBLICATIONS

- 28 publications, 15 COVID-19 related
- Collaboration with 71 co-authors
- Published in English (22) and Spanish (6)
INEQUALITIES AND DISCRIMINATIONS

Research Study “Mundos Paralelos: Big Data y desigualdad en la Ciudad de México [Parallel Worlds: Big Data and Inequality in Mexico City]”

Authors:
Berenece Fernández Nieto, Brennan Lake, Diego Vazquez, Guillermo Romero, Julie Ricard, Luis García Rueda, Milena Dovali Delgado, Rodrigo Lara Molina

Partners:
Oxfam Mexico and Cuebiq

Using mobility data from Cuebiq’s Data for Good programme, “Mundos Paralelos” studies spatial inequality in Mexico City by contrasting how two economically and geographically distant population groups (‘parallel worlds’) use and appropriate different urban spaces. The study illustrates the ways in which inequality is reproduced and exacerbated by calculating and analysing the probability of different groups crossing paths in public spaces.

“The analysis of mobility data leads to the conclusion that the city center has an important potential for encounters in spaces related to culture, entertainment and consumption, which makes it not only a cultural hot stop, but also a symbolic space open to its appropriation by all the city’s inhabitants... [In contrast,] when it comes to private higher education institutions, we were able to estimate that spaces dominated by the wealthier group are located in the southeast part of the city, while those most commonly populated by the lower-income group tend to locate in the center of the city.”
Given the constant movement and resettlement of forcibly displaced populations and refugees in Lebanon - estimated at around 1.5 million Syrian refugees - gaining timely estimations of where this population is integrating, adapting and co-existing with host communities is crucial for the design of policies. This pilot project leveraged traditional and non-traditional data sources to provide novel insights on the living conditions of Syrian refugees and host communities in Lebanon, looking to generate insights for the planning of systems and services available to host communities and residents, as well as targeted policies aimed at decreasing the vulnerability, risks and challenges faced by refugees.

“Overall, this study shows the potential of disparate data sources to predict the demographic and economic characteristics of Syrian refugees and host communities in Lebanon. Despite the high levels of data aggregation and focus on only two governorates, the models were able to explain between 50 and 90 percent of the variation in ground truth labels for host communities and Syrian refugees.”
With Latin America and the Caribbean (LAC) ranked as the most violent region on the planet, this project seeks to answer two key questions: why does crime concentrate where it does, and why do certain individuals turn to crime and not others? Leveraging sophisticated analyses about urban crime and violence in LAC cities, Ciudata analyses the local determinants of crime and the role of impunity and social networks in driving criminal behaviour through the collection and analysis of official and non-official data sources to produce public policy recommendations and action plans.

The project began in 2017, and has resulted to date in close coordination with local governments and stakeholders; the creation of roadmaps, data audits and capability assessments to determine further interventions; and the production of research instrument for analyses, including carrying out a series of surveys and the creation of a visualisation tool. The final report will be published in 2021.
This report analyses Alipay’s Ant Forest’s exponential growth and its trajectory and vision to unlock the power of individual behaviour change for climate change mitigation. It explains how this green initiative — via digital functions — has managed to encourage users to engage in low-carbon activities in their daily life. It estimates that the market size for an innovation such as Alipay Ant Forest is roughly 3 times the current population of the United States, noting that up to 8.6% of emissions tied to public transportation could be avoided across seven high emission countries if similar green initiatives were to be implemented over the 2020-2030 period.

“Green digital technologies can increasingly play an important role in helping countries achieve their emissions reduction targets - indeed, while policies and locked-in industry infrastructure may take decades to change, individual behavior shifts can begin immediately.”

Authors:
Emmanuel Letouzé, Nuria Oliver, Maria Antonia Bravo, Natalie Shoup

Partner:
Vodafone Institute for Society and Communications

Building on the 2019 publication “Sharing is Caring: Four Key Requirements for Sustainable Private Data Sharing and Use for Public Good”, the latest paper with the Vodafone Institute looks at how digital technologies and data have been applied to fight the Coronavirus. It summarises the main debates and questions around these initiatives and reflects on their usefulness, implications, limitations, risks and requirements to fight COVID-19 and “build back better”, fairer, and more sustainable human systems.

“In everything we do next, we need to push for more representation, more inclusion of data subjects, and in general of underrepresented groups. It’s a step-by-step process but it has to start with a reckoning that the world in 2020 was not a fair one and that COVID-19 brings us a real opportunity to change course.”
COVID-19

Assessment of Impacts and Implications of COVID-19 in Sub-Saharan Africa: Liberia, South Sudan, Togo, Equatorial Guinea - Report Series

Authors:
Andres Lozano, Nigora Isamiddinova, Roaa Al Feel, Juan Camilo Mejia, Irene Clavijo, Ramon Micha, Zinnya del Villar, Lao Kenao, Juana de Catheu, Kevin Henkens, Emmanuel Letouzé, Tatiana Goetghebuer, Romain Fourmy, Virginie Morillon, Mary Van Overbeke, Emilie Laffiteau, Titouan De Blasy, Domenico Polloni, Claudia de Abreu Lopes, Toga Gayewea McIntosh, Emmanuel Munyeneh

Partner:
UNDP Country Offices

Since the start of the pandemic, we have been working with UNDP Country Offices in Liberia, South Sudan, Togo and Equatorial Guinea to assess the macroeconomic, human development, governance and political impacts and implications of the crisis in these countries. The analyses and activities developed are meant to provide evidence-based insights on the magnitude and nature of effects on households, communities and economies, and guide response and recovery programmes and policies.

"While the number of coronavirus cases and deaths remain lower on the African continent, compared to other parts of the world, the social and economic consequences and impacts of the pandemic risk eroding the hard-fought development gains of the past decades."
The COVID-19 pandemic has highlighted global gaps in awareness, incentives, networks and skills to use data as a common language to craft a better common future. Through trainings, workshops, conferences, and CODEs* we aim to connect and strengthen data capacities and communities so that information, ideas, and assets can be shared and harnessed to solve human problems. A key goal is to foster data literacy as “literacy in the age of data” to support individuals and institutions in using data for social change in ways that reflect and reinforce the ethical principles of equity and empowerment.

*see page 20.

10 workshops and webinars in 2020
7 capacity building workshops/seminars
3 policy and strategy webinars
320 participants from +20 countries
CODEs (Council for the Orientation of Development and Ethics) assembled in 8 countries/projects
**WORKSHOPS IN 2020**

- **28 SEPTEMBER**
  Webinar West Africa “Digitalisation in Sub-Saharan Africa: A strategic assessment of EU and other international actors”
  Co-organisers: DEVCO and ADE

- **30 SEPTEMBER**
  Webinar East Africa “Digitalisation in Sub-Saharan Africa: A strategic assessment of EU and other international actors”
  Co-organisers: DEVCO and ADE

- **2 OCTOBER**
  Webinar North Africa “Digitalisation in Sub-Saharan Africa: A strategic assessment of EU and other international actors”
  Co-organisers: DEVCO and ADE

- **6 NOVEMBER**
  Seminar “Imágenes satelitales para el estudio de contaminación aérea”
  Co-organiser: GIZ Ecuador

- **11 NOVEMBER**
  Workshop “Towards a Coalition to Boost Gender Equality With Data” at the Paris Peace Forum
  Co-organiser: GIZ Data Lab

- **19-20 OCTOBER**
  Workshop “Aprendizaje de máquinas en imágenes satelitales para el cálculo de un indicador ODS”
  Co-organiser: National Institute of Statistics and Informatics of Peru (INEI)

- **30 OCTOBER**
  Seminar “Manejo de datos abiertos en movilidad urbana”
  Co-organiser: GIZ Ecuador

- **16-17 DECEMBER**
  Workshop “Leveraging Big Data Sources to Estimate Changes in the Population Dynamics Resulting from Impacts of the COVID-19 Epidemic in the Maldives”
  Co-organiser: UNFPA Maldives

- **20 OCTOBER**
  Seminar “Towards a Coalition to Boost Gender Equality With Data” at the Paris Peace Forum
  Co-organiser: GIZ Data Lab

- **19 DECEMBER**
  Seminar “Using data to fight COVID-19 and build back better”
  Co-organiser: Vodafone Institute for Society and Communications

**Capacity building workshops designed for policy makers and development practitioners, led or co-led by DPA**

**Policy and strategy workshops led or co-led by DPA**
Starting in 2020, most of our projects involve 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, international NGOs, government and academia) who voluntarily share their expertise in areas of direct relevance to the project in question. The CODE serves as an advisory group, but it is also a mechanism to ensure that our work complies with ethical principles, often in relation to the fair and safe use of data, and is relevant to local contexts. The CODE concept was born during the initial implementation of the Open Algorithms (OPAL) project co-founded by Data-Pop Alliance, and will now be generalised to all our major projects, including the next phase of OPAL.

“The CODE concept and operations manifest the values of the UN in the digital age building trust in data and partnerships. With representatives from the local civic society, academia, relevant governmental entities and related international organizations, the project team was advised on: relevance of the project and ways to enhance expected benefits; methodologies and data sources; ethical questions and concerns regarding the data accessed and its potential uses; appropriateness of the project’s data protection measures and overall security measures; ways and means to enhance the project’s visibility and outreach to relevant groups; opportunities to engage concerned government agencies, organizations and civil society; and recommendations for possible extension, application and improvement of the project.”

Fouad Mrad, PhD
Senior Programme Manager
UN ESCWA
Team members were keynote speakers or panelists in 23 conferences or webinars.
Organising institutions include the Paris Peace Forum, OECD, Oxfam, MIT and the World Bank.

4 podcasts appearances (Super Data Science, Saturdays AI Podcast, Politico’s EU Confidential and Making Data Simple).

51 mentions of Data-Pop Alliance in the media.

Published in 8 countries and 6 languages.
Media outlets include the MIT Technology Review, The Economist, El País, Business Insider and Devex.
The current crisis has accelerated digitalisation, which offers many opportunities for greater efficiency, transparency and accountability, notably, while posing risks for individual and group privacy, social equity, gender equality, environmental sustainability, among others. With governments, international and civil society organisations partners and others, we evaluate, design and deploy data strategies, systems and tools that support human-centered digital—and societal—transformations. Our vision is a world where digital data and technologies are used as levers to give rise to new social contracts that protect people and the planet.

**Projects in 2020**

- **13** finalised
- **15** started

**Tackling issues in 23 countries**, with a focus on Latin America and the Caribbean, South Asia, Sub-Saharan Africa, and the Middle East and North Africa region

**53 partners** (INGOs, NGOs, civil society, government agencies, research centers, universities)
Most cases of violence against women and girls (VaWG) are not reported, contributing to the absence of data needed to generate policies and programmes that can aptly prevent, reduce and eliminate this type of violence. Unfortunately, in tandem with the outbreak of the pandemic, surges in reports of domestic violence have been noted around the world. This project leveraged traditional and non-traditional data sources to estimate the reporting capability of women and girls; in other words, the probability of registering domestic violence in Mexico at the municipal level taking into account personal and contextual factors (e.g. age, marital status, educational attainment, access to support services, social cohesion, trust in institutions, human mobility during the COVID-19 quarantine, among others). The model is being replicated in other Latin American cities such as Bogotá and São Paulo.

Output: A report with public policy recommendations, a dissemination workshop and a data visualisation platform that maps the reporting and registering rates of domestic violence at the municipal level using a traffic-light system.
Criteria, a project led by ProsperIA with funding from the Inter-American Development Bank and support from Data-Pop Alliance, is an interactive decision support system that empowers policy-makers to explore, analyse, and take decisions on the basis of a large number of potential designs and targeting schemes for social policies. Criteria uses microsimulations on survey and administrative data to visualise the expected poverty impact of policy alternatives resulting from the COVID-19 pandemic, as well as their associated costs. To learn more, watch this video.

Output: A platform for policymakers in El Salvador, Honduras, Costa Rica, Brazil and Uruguay that converts data into evidence to inform and improve the design of policies in terms of: target population, prioritization criteria(s), support amounts, budget constraints, segmentation by relevant groups, and group-specific amounts and selection criteria.
This project focused on the creation of a toolkit to guide the GIZ (German Corporation for International Cooperation) in the use of non-traditional data sources throughout project lifecycles. The tool was designed and developed from a thorough analysis of GIZ processes, aiming to understand how and where non-traditional sources of data can be leveraged in the formulation, design, implementation and evaluation of projects.

Partners:
GIZ Data Lab, GIZ Ecuador

Phase 1: January - March 2020 / Phase 2: April - October 2020

Output: A guidance document and toolkit for using non-traditional data sources in GIZ throughout GIZ projects' lifecycle, which was later tested during two workshops with GIZ Ecuador in their “Ciudades Intermedias Sostenibles” program to get information on the Agenda AHSE (Ecuador’s Sustainable Habitat Agenda) 2036 indicators.
This study, produced in collaboration with ADE, assessed the European Union’s external cooperation for development in the cross-cutting field of digitalisation in SSA, with a view to issuing a series of lessons learnt and recommendations to inform current and future cooperation work. In particular, this evaluation focuses on understanding and analysing DEVCO’s investments and projects in the region, the extent to which these projects are strategically promoting the pillars, objectives and values of the EU frameworks, and to identify complementarities or lack thereof with other relevant national, regional and international stakeholders.

Output: A strategic assessment of DEVCO-led digital projects and a comparative analysis of DEVCO’s approach vis-à-vis that of other relevant stakeholders working on digitalisation.
2020 IN DATA

- Covid deaths
- Wealth of billionaires
- Trump’s falsehoods
- “You’re on mute.”
- “Can it be 2021 now?”

Find more Datatoons by Manu (Emmanuel Letouzé) here.
The next few years offer a historical window of opportunity to join forces towards systemic change against redressable injustices and imbalances laid bare by the COVID-19 crisis—as well as other contemporary movements such as Black Lives Matter, #MeToo, and pro-democracy struggles around the globe—using some of the most powerful tools available to us, such as AI, blockchain, platforms, and, of course, at their heart, data. However, calls for “building back better” have become commonplace, often coming from traditional places of power, which may be inspired by The Leopard’s famous dictum: “Se vogliamo che tutto rimanga com’è bisogna che tutto cambi”.*

The systems and structures that will be (re)built in the future will result from human and political choices, determined by who can harness the defining resource of our time to reach their goals. With the acceleration of digital transformations in almost all spheres of life, data is that core asset—even more so than a year ago. Simply expanding our digital data resources and technological capacities will not, however, lead to a more equitable, enjoyable, and sustainable world unless the value systems and power structures that define their control and use are fundamentally challenged.

Under the correct “theory of change” data can play a deeply transformative role. Firstly, we must keep using data as a lens through which clearer, finer, fairer and more relevant evidence on the state and workings of the world are produced and shared widely. Secondly we must continue building—within and between human groups—the skills, norms, and trust required for facts to matter and nurture more respectful and reasoned discussions and decisions. Thirdly, we must push for new values and goals to be encoded into rules and standards—technological, legal, ethical, cultural— which are able to sustain the test of future rough times.

“Diagnose”, “Mobilize” and “Transform” will remain the 3 foundational pillars of Data-Pop Alliance’s work in 2021-22 and beyond, with a focus on five thematic priority areas where we believe it will be most impactful: help build more resilient, sustainable and peaceful post-COVID19 societies and economies; support the elaboration and evaluation of ethical digital transformations; fight gender inequities and data gaps, especially gender-based violence; contribute to upgrading official statistics in the age of Big Data and algorithms; and lastly, develop inclusive digital platforms and spaces to revive democracy as “government by discussion”.

When we look back on our contribution a year or a decade from today, we aim to have made a meaningful contribution to the world we hope to see, which can be traced by exploring the projects featured in the following pages.

* often translated as “Everything must change so that everything can stay the same”.

Our 2021-22 Priority Areas

1. Data for Resilient, Sustainable, and Peaceful Societies and Livelihoods

2. Strategic Evaluation and Elaboration of Ethical Digital Transformations

3. Gender Inequities, Violence, and Data Disparities

4. Big Data and Open Algorithms (OPAL) for Official Statistic(ian)s

5. Digital Spaces, Platforms, Blockchains, and Data Literacy for Democracy
1. DATA FOR RESILIENT, SUSTAINABLE, AND PEACEFUL SOCIETIES AND LIVELIHOODS

- **Policy Note on Building Back Better and More Resilient Livelihoods and Economic Recovery Approaches and Solutions in Fragile, Crisis and Post-Crisis Settings**
  Partner: UNDP
  December 2020 - February 2021

  This project will support the Recovery Solutions and Human Mobility team in its conceptualisation of a new approach, articulating the Livelihoods and Economic Recovery offer, and reviewing, updating and documenting policies, programmes and tools on livelihoods and economic recovery that meet the current and future needs and expectations of UNDP Country Offices and partners in fragile contexts, crisis and post-crisis situations, exacerbated by the COVID-19 pandemic.

- **Assessment of Socioeconomic Impacts of COVID-19 and Role of Disaster Risk Governance in Seven Countries of Western Sahel and Lake Chad Basin**
  Partner: UNDP
  January - May 2021

  We are conducting a comprehensive assessment to inform recovery efforts to build better back from the impacts of COVID-19 and develop capacities and resilience against future shocks and other urgent issues within the region such as climate change. This project contemplates a regional analysis as well as national-level analyses in the seven project countries (Mali, Mauritania, Senegal, Burkina Faso, Chad, Niger, and Nigeria).

- **The Impact of Lockdown Restrictions on Mobility, Income and Employment in Latin America**
  Partners: UNDP and Grandata
  September 2020 - January 2021

  Data-Pop Alliance is using diverse sources of mobility data (Grandata, Facebook, Google) to perform an analysis for Argentina, Chile, Colombia, Ecuador, and Mexico to understand how lockdown restrictions have affected individuals’ economic conditions. Moreover, DPA seeks to provide information to local government for the design of public policies based on the data insights.
2. STRATEGIC EVALUATION AND ELABORATION OF ETHICAL DIGITAL TRANSFORMATIONS

- **GIZ-FAIR Forward Consultation on International AI-policy and Data Governance Policies & GIZ Customized Data Sharing Toolbox**  
  Partners: GIZ FAIR Forward and GIZ Data Lab  
  May 2020 - June 2021

  Forward Artificial Intelligence initiative aims to promote and achieve a more open, inclusive and sustainable approach to AI at an international level. With partners in Uganda the initiative seeks to 1) strengthen local technical know-how on AI, 2) remove entry barriers to AI through training, and 3) develop policy frameworks for AI. Furthermore DPA has focused on building a data sharing model that can be implement throughout GIZ as a whole and a tool that can be used both by project managers and leaders at any stage of a project.

- **Evaluation of the EU Cooperation with the United Nations**  
  Partners: ADE and the EU Directorate-General for Neighbourhood and Enlargement Negotiations (DG-NEAR)  
  January - February 2021

  This project aims to analyse the effectiveness, efficiency, coherence and impact of the EU-UN cooperation (specifically between the European Commission and UN specialised agencies) in the delivery of humanitarian aid and development support to countries and partners from 2014 to 2020. The evaluation will include analyses of key fields of action such as the Green Deal, the transition to a new digital era; sustainable economic, human and social development; and finally migration and forced displacement.

- **Strategic Evaluation of the World Food Programme’s (WFP) Use of Technology in Constrained Environments**  
  Partner: Analysis for Economic Decisions (ADE)  
  September 2020 - February 2022

  This evaluation, spanning 18 months, will look at the extent to which WFP has effectively and efficiently deployed the most appropriate ICTs and how, why and under which conditions the use of technologies has contributed to management and programme objectives. We will adopt a mixed methods approach, using a conceptual framework consistent with WFP’s proposed analytical framework, and outlining the factors affecting the innovation and diffusion of technologies. Moreover, we shall conduct six case studies in Jordan, Niger, Iraq, South Sudan, the Democratic Republic of Congo and Bangladesh.
3. GENDER INEQUALITIES, VIOLENCE, AND DATA DISPARITIES

- **Reporting and Registering Domestic Violence Against Women and Girls in Bogotá and São Paulo: An Analytical Model**  
  **Partners:** Unidas and GIZ  
  **August 2020 - February 2021**

This project leverages traditional and non-traditional data sources to assess the reporting capability of women and girls in Bogotá and São Paulo. More specifically, the analytical model estimates the probability of registering domestic violence at the locality level taking into account personal and contextual factors (e.g. age, marital status, educational attainment, race, access to support services, human mobility during the COVID-19 quarantine, among others). The results and insights will inform policy and programme design.

- **Gender-Based Violence Monitor: Evidence-Based Empathy Towards Ending GBV in Latin America**  
  **Partner:** Eureka

We seek to develop a GBV Monitor with an innovative and holistic approach referred to as ‘evidence-based empathy’. In part, this project aims to enhance access to strong evidence on GBV by creating a state-of-the-art online interactive platform that centralises and presents key statistics and other data, as well as ‘big data’ sources. It will also seek to foster government, civil society and citizen engagement by making available cultural curated content designed to contextualise quantitative data.

- **Mental Health and Gender Inequality in the MENA Region: An Analysis of Shock Related Factors Within the Context of the COVID-19 Pandemic**  
  **Partners:** Economic Research Forum (ERF) and Agence Française de Développement (AFD)  
  **January - September 2021**

The goal of this project is to produce a research paper focused on the psychological impacts of COVID-19, and how socioeconomic, behavioural and policy changes are affecting gendered mental health inequalities in the MENA region. This paper will be produced with the analysis of information provided by the ERF-COVID-19 MENA Monitor. Results will be presented at a workshop in September 2021.
4. BIG DATA AND OPEN ALGORITHMS (OPAL) FOR OFFICIAL STATISTICS (IANs)

- **Strengthening Big Data Technical Capacities for Sustainable Development in Latin America and the Caribbean**  
  Partner: Spanish Agency for International Development Cooperation (AECID)  
  October 2020 - October 2022

Together with AECID, we aim to strengthen the technical capacities of government officials in Latin America to leverage the use of data. We will develop professional workshops in Bolivia, Colombia, Uruguay and Guatemala, and a regional study focused on Bolivia, El Salvador, Peru, the Dominican Republic and Guatemala. The project seeks to explain the panorama of Big Data and sustainable development, focusing on the applicability of information sources to obtain statistical information related to diverse sustainable development issues such as poverty reduction, migration and climate change.

- **Mobile Data for Development (MD4D) Interactive Handbook**  
  Partner: Digital Impact Alliance (DIAL)  
  July 2021 - June 2021

  This interactive handbook seeks to serve as a hands-on resource to help mid-to-senior level staff of Mobile Network Operators (MNOs), National Statistical Offices (NSOs) and other interested parties understand and develop MD4D projects. DPA’s added value to the handbook involved structuring key content and presenting use cases, lessons and experiences developed in different contexts (e.g. our work with cell-phone metadata in Colombia, Senegal, Lebanon, The Maldives). The project also takes into consideration new challenges that the COVID-19 pandemic may create for the operationalisation of this data. This resource will be available through an online platform by mid-2021.
Leveraging Big Data Sources for COVID-19 Response, Policy Evaluation and Analysis in Lebanon and Jordan
Partner: UN-ESCWA
July 2020 - May 2021

This project extends the assessment “Leveraging Behavioral and Humanitarian Data Sources to Analyse the Development Challenges faced by Syrian Refugees and Host Communities in Lebanon.” This second phase evaluates policy effectiveness by using Big Data open sources in the post-COVID-19 setting in Lebanon and Jordan and will provide public policy insights to be discussed amongst key partners.

World Trends of Freedom of Expression and Media Development Report
Partner: UNESCO
January - June 2021

DPA is working alongside UNESCO to develop a analytical methodology and data partnerships to monitor and understand the status of press freedom and media development worldwide. The aim is to collect comprehensive and data-driven evidence on global and regional trends in media freedom, media pluralism, media independence, and safety of journalists, all examined through a gender-sensitive perspective. The results of the data collection and analysis will be presented in the World Trends Report 2021.
INSTITUTIONAL SNAPSHOT
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1 MILLION USD IN GRANTS

FINANCIAL STATEMENT

- Direct team costs: 43.2%
- Consultants and research affiliates: 40.7%
- Administrative and indirect costs: 11.5%
- Direct project expenses: 4.6%

39.5% DIAGNOSE
15% MOBILIZE
45.5% TRANSFORM
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