



Title	Open Data Day 2022 (ODD 2022) Report www.opendataday.org
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Introduction

What Is Open Data Day?

[Open Data Day](#) (ODD) is an annual celebration of open data all over the world, where groups and communities around the world gather to reach out to new people and build new solutions using open data.

Groups from around the world create local events on the day where they use open data in their communities. It is an opportunity to show the benefits of open data and encourage the adoption of open data policies in government, business, and civil society.

The twelfth Open Data Day took place on Saturday, 5th March 2022. Open Knowledge Foundation (OKF) partnered with funders to deliver a small grants program. This year 14 in-person events were supported with grants ranging from USD 500 to USD 1000 each. 10 open data events and 4 special category events.

More information at: <https://opendataday.org/>

What Is Open Data?

The [Open Definition](#) gives full details on the requirements for 'open' data and content. Open data are the building blocks of open knowledge. **Open knowledge is what open data becomes when it's useful, usable, and used.**

The key features of openness are

- **Availability and access:** the data must be available as a whole and at no more than a reasonable reproduction cost, preferably by downloading over the internet. The data must also be available in a convenient and modifiable form.
- **Reuse and redistribution:** the data must be provided under terms that permit reuse and redistribution including the intermixing with other datasets. The data must be machine-readable.
- **Universal participation:** everyone must be able to use, reuse and redistribute — there should be no discrimination against fields of endeavor or against persons or groups. For example, 'non-commercial' restrictions that would prevent 'commercial' use, or restrictions of use for certain purposes (e.g. only in education), are not allowed.

More information at: <https://okfn.org/opendata/>

Why It Matters

Many individuals and organisations collect a broad range of different data in order to perform their tasks. Government is particularly significant in this respect, both because of the quantity and centrality of the data it collects, but also because most of that government data is public data by law, and therefore could be made open and made available for others to use.

There are many areas where we can expect open data to be of value, and where examples of how it has been used already exist. There are also many different groups of people and organisations who can benefit from the availability of open data, including the government itself. At the same time, it is impossible to predict precisely how and where value will be created in the future. **The nature of innovation is that developments often comes from unlikely places.**

Why should data be open? The answer, of course, depends somewhat on the type of data. However, there are three common reasons:

1. Transparency

In a well-functioning, democratic society citizens need to know what their government is doing. To do that, they must be able freely to access government data and information and to share that information with other citizens. Transparency isn't just about access, it is also about sharing and reuse – often, to understand material it needs to be analyzed and visualized and this requires that the material be open so that it can be freely used and reused.

2. Releasing social and commercial value

In the digital age, data is a key resource for social and commercial activities. Everything from finding your local post office to building a search engine requires access to data, much of which is created or held by the government. By opening up data, the government can help drive the creation of innovative businesses and services that deliver social and commercial value.

3. Participation and engagement

Participatory governance or for business and organisations engaging with your users and audience. Much of the time citizens are only able to engage with their own governance sporadically – maybe just at an election every 4 or 5 years. By opening up data, citizens are enabled to be much more directly informed and involved in decision-making. This is more than transparency: it's about making a full “read/write” society - not just about knowing what is happening in the process of governance, but being able to contribute to it.

More information at: <https://okfn.org/opendata/why-open-data/>

ODD 2022 Small Grants Programme

Each year, OKF partners with funders to support Open Data Day events around the world with small grants. Small grants are funds that individuals or organisations can use to cover the expenses of organising the event.

This year small grants were open for a registered organisation, the value of the grant ranged from USD 750 to USD 1000 to help organisations host in-person Open Data events and activities. It supported registered civil society organisation events and could not be used to fund government events.

To be awarded a small grant, the event must fit into the five categories (Environmental data, Tracking public money flows, Open mapping, Data for equal development, and Ocean data for a thriving planet)

Please find more details of the grant application [here](#).

Partners

The Open Data Day 2022 small grants program was supported by Microsoft and Builder Bridge. Open Knowledge Foundation also made the contribution to cover the coordination and rethinking work of the project.

With Microsoft support, we supported 10 open data events and activities with a grant value of USD \$750 each and using the financial support provided by Builder Bridge, we introduced the special grants category “*Ocean data for a thriving planet*” to support 4 organisations hosting [World Oceans Day](#) and data related activities with the grant value of USD \$1000. The special grants category application was restricted to organisations and communities living in coastal nations.

Additional to the grant, OKF also provided:

- Technical support to help access relevant datasets and a lite training to teach how to play with data, using Livemark.
- Materials to better understand the problem related to the ocean so that effective activities can be planned to use available data.

Countries

Together, we supported 14 events; 10 open data events (with a grant of USD 750 each) and 4 events (with a grant of USD 1000 each) for the “*Ocean data for a thriving planet*” category. For Open Data Day 2022, we received 296 small grants application and were greatly impressed by the quality of the event proposals.

Organisations from Madagascar, Bolivia, Botswana, Nigeria, Ecuador, Burkina Faso, Liberia, Tanzania, Brasil, Sweden, Argentina, Indonesia, and India were supported to host events and activities. The detailed list of organisations that receive small grants is [here](#).

Focus Areas

For ODD 2022, we had small grant applications open for five categories.

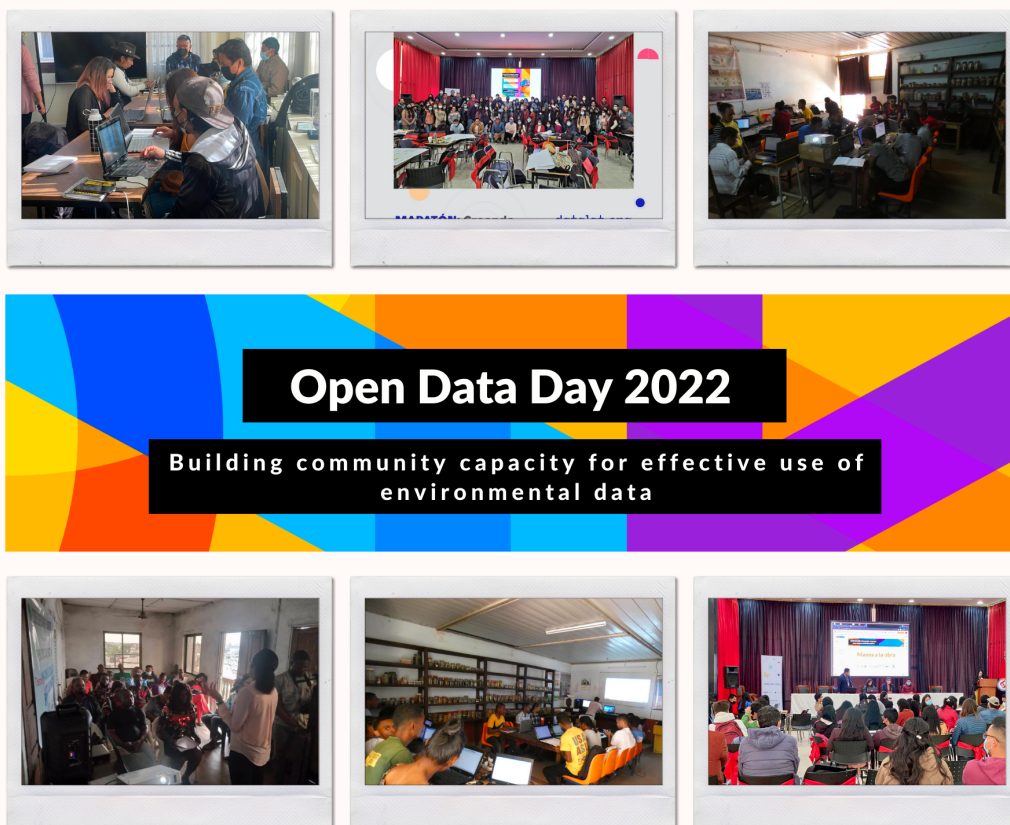
The key five categories were:

- **Environmental data:** Use open data to illustrate the urgency of the climate emergency and spur people into action to take a stand or make changes in their lives to help the world become more environmentally sustainable.
- **Tracking public money flows:** Expand budget transparency, dive into public procurement, examine tax data or raise issues around public finance management by submitting Freedom of Information requests.
- **Open mapping:** Learn about the power of maps to develop better communities.
- **Data for equal development:** How can open data be used by communities to highlight pressing issues on a local, national or global level? Can open data be used to track progress towards the Sustainable Development Goals or SDGs?
- **Ocean data for a thriving planet:** Use open data to create tools for ocean resilience and sustainability, help communities organise and share ocean data, or combine local and global data sources to show the connections between oceans, climate, and human well-being.

ODD 2022 Small Grants Event Report

Open Data Events

Environmental Data



Open Data Day 2022

Building community capacity for effective use of
environmental data

1. Tanjona Association

Country: Madagascar
Event Date: 26 – 27 July 2022
Contact person: Kanto Ingotiana
RAZANAJATOVO
Email: kantocat7@gmail.com

**ASSOCIATION
TANJONA**

Tanjona Association, a Madagascar based non-profit organisation hosted a two-days workshop for young researchers from the University of Mahajanga and offered them basic training on GIS and spatial analysis for biodiversity conservation. The event was held on 26 and 27 July 2022 at the University of Mahajanga under the name “Hay Tech”. The objectives

of the event were to familiarise young researchers from multiple backgrounds with using GIS as a crucial conservation tool for decision, strategy, and planning; to train young researchers in critical thinking about conservation strategy and climate change action based on GIS outcomes; and to create a space for networking among researchers.

30 participants joined the workshop and 3 mentors from the University of Mahajanga facilitated the workshop. The initial session started by setting up QGIS, and for that Herizo RADONIRINA helped participants. Kanto RAZANAJATOVO opened the workshop by welcoming participants, conducting a self-introduction, and an ice-breaking session. Then, Dr. Bernard ANDRIAMAHATANTSOA made an introductory session about the importance of GIS in the environmental context and biodiversity conservation. The impact of climate change on biodiversity loss and the necessity of monitoring biodiversity were also pointed out.

The workshop content was beginner friendly so that everyone could follow it easily. Case studies and datasets of the Boeny region were given to participants as an application and the whole session has been conducted using both French and Malagasy languages. The following modules were done during the session:

- Understanding the QGIS interface
- Creating a map and importing data, scaling
- Handling vector and raster file
- Basics spatial analysis

Mentors lead the participants to think about solutions to tackle climate change effects and biodiversity loss in Madagascar based on the outcomes from the GIS workshop session. In this session, participants are trained to adopt critical thinking on issues that Madagascar biodiversity is facing. Numerous ideas were collected from each participant; to support researchers from the local/national government to undertake an in-depth study about biodiversity and climate change; to adopt an adequate policy and good governance to stop biodiversity losses; to build synergies for the multidisciplinary collaborations and commitments.

2. Bolivia Tech Hub

Country: Bolivia
Event Date: 18 June 2022
Contact person: Pamela Gonzales
Email: pamela@boliviatechhub.org

BOLIVIA TECH HUB
Promoviendo tecnología e innovación

Bolivia Tech Hub organised Open Data Day Bolivia on Saturday, 18 June 2022; where participants paired as a team to work together for data exploration and collaborative work. During a 7 hours long event, the participants selected 5 topics to organise the exploration. The topics were:

- Environmental needs water and soil
- Environmental monitoring
- Environmental biodiversity
- Waste and protected area

34 participants (14 female and 20 male) from La Paz and El Alto city joined the event. During the event, we learned that access to environmental data from Bolivia is not readily available as we thought. Nevertheless, there's a vibrant community with the need and desire to work to make them accessible. Also that the networking part of the event was the participant's favorite.

3. Dream Factory Foundation

Country: Botswana
Event Date: 5 June 2022
Contact person: Lusanda Magwape
Email:
lusanda@dreamfactoryfoundation.org



On 25 June 2022, Dream Factory Foundation hosted the first ever in-person workshop focusing on the importance of using Open Data sources to support smallholder farmers' agricultural activities. Guest lecturer of the workshop was Bashanganyi Magwape who not only made the workshop informative but also practical by running an exercise where attendees created an open data source using the Whatsapp Business API to input information they wanted on each other in real-time.

One of the highlights of the event was the presence of Honourable Tselawa, the Councillor who was there on behalf of the Mayor of the City of Francistown. He remarked how this event was the first of its kind in the city and that he would use the learnings to parliament to advocate for diverting currently closed river channels to be reopened for the benefit of local farmers. He said, *"I have walked away from here with a new mandate to take to parliament"*.

The event was attended by 31 guests, including government officials as well as farmers across the country. The tagline for the day became: *"Open Data is about we and not me"*. We used a WhatsApp Chatbot data collection tool to show how we can practically contribute to open data, how easily farmers can contribute, and how we can benefit from the answers as well.

4. Lekeh Development Foundation

Country: Nigeria
Event Date: 28 June 2022
Contact person: Nbani Friday Barilule
Email: lekehdevelopmentf@gmail.com



With a goal to train the Ogoni community on practical air quality monitoring for effective environmental management, Lekeh Development Foundation organised the Open Data Day to train critical stakeholders on the use and deployment of air quality monitoring sensors, and the need of advocacy to entrench a clean and healthy environment for the Ogoni people. Ogoni has become a symbol of environmental degradation, which has impacted air, water and soil. This has led to various problems ranging from environmental, socio-cultural, and then, to health issues. The event was hosted on 28 June 2022.

40 participants were carefully selected among climate defenders, environmental/human rights activists, members of coastal communities, and key stakeholders to be trained on air note devices and practical air quality monitoring for effective environmental management and advocacy. Presentations were on;

- Air quality reading for advocacy, engagement, and campaign at the local, state, and federal levels.
- Practical demonstration on how to take readings and use the air quality monitor.
- Impact of air quality monitoring on health and wellness.

The event strengthened the capacity of the community to protect themselves and the environment in general by increasing their knowledge of environmental data collection. During the event, it was stressed many times that there is a deep relation between the well-being of a community and the well-being of the environment.

During her presentation, Nnenna Obike Oviebor noted that the air quality note is an apt tool that should be deployed in all areas of air pollution monitoring to actually get the real data and extent of air pollution. The data could serve as evidence for advocacy to bring about the needed action for the well-being of the community people. Participants appreciated the organiser and funder of the project for enlightening them on air quality management. Participants said there is a need for coastal Ogoni communities to monitor the air quality and have devices installed at strategic points, a soil spills and gas flaring are sadly becoming normal incidents.

LeBari Baridakara from the local government called on the air note devices to be donated to a climate change unit in the local authority for in situ air quality monitoring for record-keeping at the local level. We hope to further engage 10 volunteers who would be monitoring the instrument for bi-weekly and monthly analysis of the data. The data will be compared with allowed limits, and the outcomes will be shared with the local authorities within Ogoni. This will hopefully help drive the needed action.

5. Fundación Datalat

Country: Ecuador
Event Date: 9 July 2022
Contact person: Martín Loza
Email: martin@datalat.org

data-lat.org

Fundación Datalat organised Mapathon to create maps with environmental open data. The Mapathon was a hybrid event that took place on 29 July 2022 that promoted the use of environmental open data that are being published by the Ministry of Environment related to forests, national parks, and conservation lands in Ecuador. A kit was provided to all participants, which included all material needed to visualise maps offline using the data provided during the event.

The Mapathon was aimed at people between 18-35 years old, including students, activists, journalists, civil society, and other data and environment enthusiasts. It took place locally in Latacunga - Ecuador and it also had a virtual space through Zoom. The activities included a workshop to explain open data, environmental open data, off-line mapping tools, and mapping indications, followed by hands-on activities to produce maps with the provided materials.

The event was facilitated by the Datalat team which included experts on geography, data analysis, visualisation, and communications and design. It also included personnel from the Ministry of Environment that guided the attendees about the use of the environmental data. The Mapathon lasted 4 hours and was carried out in 3 parts.

The participants used 5 open geographic datasets focused on the province of Cotopaxi. These databases were: a) National Protected Area System, b) Restoration priority area, c) Area Under Conservation from the Socio-Bosque Programme, d) Land Cover 2018, e) Deforestation period 2016-2018. In total, between online and on-site participants, the Mapathon produced 30 analog maps about environmental and conservation issues that allowed us to understand the perspective each participant had about these issues and environmental conflicts.

Data For Equal Development



6. SUUDU ANDAL

Country: Burkina Faso
Event Date: 22 July 2022
Contact person: Abdoul Aziz TRAORE
Email: jbtraore@gmail.com



For inclusive and sustainable development, open data serve as a catalyst and contribute to the planning and monitoring of social and economic development in modern societies. With this motive, on 15 June 2022, Agro Tech Liberia organised an Open Data Day event in Paynesville under the theme: Data for Food Security Symposium. The event was held at The Innovation Lab of YouthConnekt, situated at the Ministry of Youth and Sports. The event brought together participants from diverse backgrounds: students, social workers, young farmers, and digital experts.

The event's goals were to raise awareness, transfer knowledge, and share experience on the importance of open data for social and economic development in relation to national food

security. Experts presented in-depth insights on data production, processing, and sharing. They also indicated possible sources to access open data.,

Mr. Donish Mulbah Pewee, Executive Director for Youth in Art and Technology Network (YOTAN) was the expert speaker for the event. His presentation provided a basic knowledge of data, its use of it, and data innovation as well as processes of data development. The presentation also included the benefits of open data for the people. An interactive session followed, where participants had the opportunity to ask questions and get practical experience in the use of open data.

A panel discussion was also held at the event to allow professionals using open data to share their experiences. The panelists were Ms. Aretha K. Togbah, Executive Director of Organisation for Women Empowerment, Mr. Courage Cheleegbo, Technical Director of CYGEC IT Solutions, and Mr. Joseph M. D. Johnson, National Coordinator of YouthConnekt - Liberia. The discussion was based on their experiences using open data to design solutions to social problems affecting vulnerable populations, including youth, women, and rural communities. The discussion was moderated by Mr. Jonathan S. Stewart, a food security advocate, agriculture development professional, and open data enthusiast.

40 participants (25 males and 15 females) joined the event. They were students, social workers, farmers, and emerging agriculture professionals.

The outcomes of the interactive discussions were:

- The government should develop and make available data on agriculture, specifically on production, soil, water, market, consumption, and farmers.
- The government and development organisations should use digital platforms to disseminate data, to make all citizens aware of things that are happening in their communities
- Youth and farmers should always be granted access to data, in order to enhance their work in food security, community development, and decision making

7. Agro Tech Liberia

Country: Liberia
Event Date: 15 June 2022
Contact person: Jonathan Sarwah Stewart
Email: stewajo09@gmail.com



On 22 July 2022, Suudu Andar organised a fireside chat on open data with Séoné BILAL and Abdoul Aziz TRAORE to discuss how communities can use data for local and global development in the context of governance and security in Burkina Faso. 20 participants including 12 females and leaders of different organisations were present at the event.

At the fireside chat, the leader discussed how data can be used to inform the development and contribute to peace and security in Burkina Faso in a context of deleterious political transition and security. One of the things that participants agreed on was the difficulty of accessing data in this crisis. The government authority is often reluctant to provide data, whether it be on populations, existing projects, funding opportunities, etc. This is because one cannot necessarily control the use that the citizen makes of it and for what purpose.

Also with the transition in Burkina Faso, many changes have taken place in the administration. The observation made by the leaders of associations who participated in the event is that there is a lack of knowledge of the concept of "open data" by the latter. In addition, these authorities are afraid to share information. Beyond the government aspect, access to information and transparency are not always present among civil society organisations, which also do not disclose certain data that can help avoid repetition in development projects. This is justified by the fact that organisations want to preserve their data in order to apply for other calls for projects and better position themselves in areas of need.

The young people attending the event agreed on the fact that citizens must be aware of their right to access information, which must be a default and not an option. Another point is that access to information can also limit unemployment: if the information is disclosed for example on the support funds for youth, the latter can compete and engage in entrepreneurship and have stable incomes.

As a way to facilitate access to information, the leaders mentioned that frameworks for meetings between the administration and civil organisations; open data days in rural and urban areas could be initiated to better inform citizens. After the event, many were committed to promoting data provision for equitable and inclusive development. The fireside chat had a total of 50+ questions; lasted about 150 minutes and saw 20 participants.

Open Mapping



8. YouthMappers

Country: Tanzania
Event Date: 18 June 2022
Contact person: Erick Tamba Mnyali
Email: erickmnyali14@gmail.com



YouthMappers Tanzania co-organised the Mapathon with SMCSE Youthmappers and Geospatial technology and Environment on 18 June 2022 to improve preparedness for and response capabilities to urban floods among local communities in the Morogoro Municipality and Ifakara Town Council, Tanzania. The mapathon not only contributed to opening data but also increased the knowledge of students, researchers, and stakeholders on why open data is so important for development purposes.

The following are the outlined activities that were delivered at the mapathon:

- **Turning open data into action and growth engine**
Participants were trained on data quality, a key requirement for quality mapping. They were also trained on the need to promote inclusiveness in data-driven community-centered programs supporting local sustainable developments. This

presentation was delivered by Mr. Gideon George Sway, coordinator of Geospatial Technology and Environment (GeoTE).

- **Creating youth careers and innovation by working with open data**

This session aimed at highlighting opportunities for youth, especially in universities. As a global network of students, scholars, educators, and researchers, YouthMappers creates opportunities to build mapping skills, and to connect and share experiences among the chapters. Mr. Erick Tamba Mnyali, regional ambassador of YouthMappers delivered the session. Youths were excited to know about the opportunities and were moved to join and become active members of YouthMappers chapters.

- **Demonstration of how open data has been used to address and solve floods in the Morogoro region**

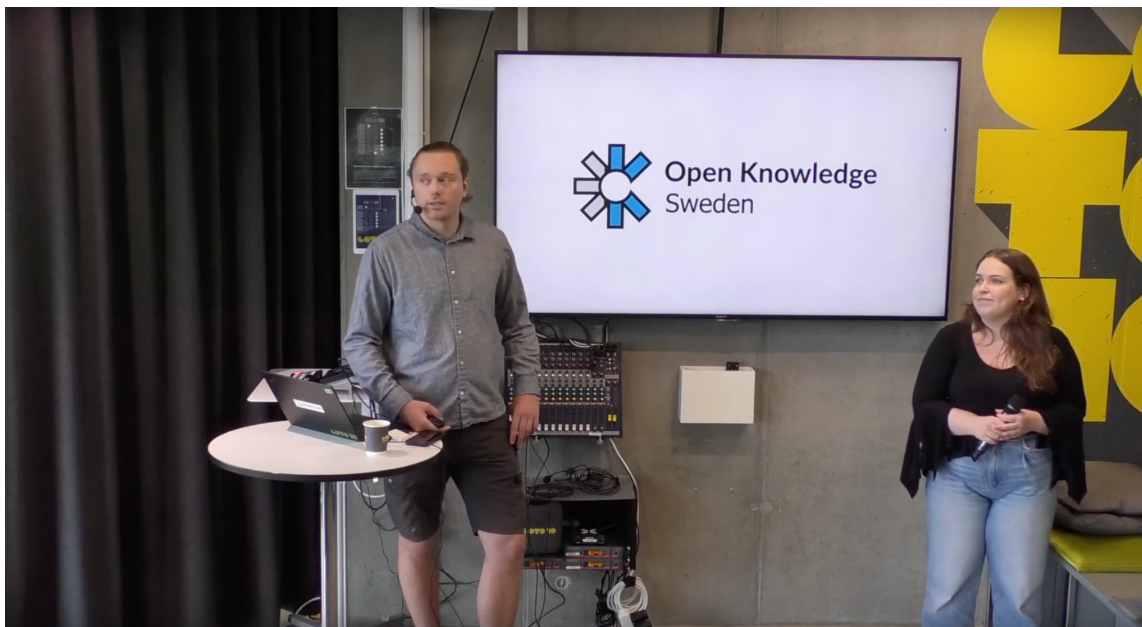
This session's target was to share previous projects conducted by SMCose YouthMappers in the fight against flood challenges in Morogoro Municipality. It was presented by a representative from Global water partnership who was once a YouthMappers chapter lead: Mr. Frank Anderson. The session gave insights and background of the project, current phase, and future scope of the project.

- **Mapathon**

Most of the event was spent on this key session where participants contributed to open data in flood-vulnerable communities. To enhance data quality during this co-joint mapathon, attendees were trained on different editors used for mapping. Both ID Editor, Rapid ID editor, and JSOM were presented to attendees. Over 7 hours were spent by the participants tracing ground features, specifically buildings and roads from satellite imagery in Morogoro Municipal and Ifakara Town Council. The participants were able to map 80% percent of the priority areas and managed to contribute with over 2500 buildings and 1500 kilometres of roads.

80 participants attended the mapathon. Female participants showed improvement. 10 women contributed more than 200 edits to the projects. Throughout the mapathon there were enlightening talks on how data generated can be used to solve community challenges.

Tracking Public Money Flows



9. Center for Studies University, Society and Science/UNIFESP

Country: Brasil
Event Date: 30 August 2022
Contact person: Alexsandro Cardoso
Carvalho
Email: alexsandro.carvalho@unifesp.br



On 30 August 2022, the Center for Studies University, Society and Science organised the "Open Data and Public Budget: Tools for Democracy" event. 38 participants joined the in-person event and 250 people followed the broadcast on [Youtube](#). The event was attended by Pedro Arantes, who was pro-rector of planning, Maria Angélica Minhoto, former pro-rector of graduation and Soraya Smile, former dean of UNIDESP, Nelson Amaral, President of FINEDUCA - National Association for Research in Education Financing, and Alexsandro Cardoso Carvalho, Co-manager of UNIDESP's Office of Strategic Data. All five presenters of the event are researchers linked to SoU Ciência.

In addition to the discussion on the functioning of the federal budget and the difficulties of analysing these data, the set of Brazilian budget data available in [OLAP cubes](#) and allowing consultation by researchers and other interested parties were also presented.

10. Digital Openers AB

Country: Sweden
Event Date: 30 August 2022
Contact person: Elenor Weijmar
Email: elenor@okfn.se

OPENERS

Digital Openers AB organised an event on 30 August 2022 to present methods using Freedom of Information and involve participants in using the data for the upcoming Swedish election. During the event, we presented our method using Freedom of Information to get budget information from municipalities. We then shared the results and talked about how the participants could investigate budgets themselves. The event was held just a few weeks before the upcoming Swedish election, so during the event, we discussed various ideas on how budget data could be an exciting new part of democracy and politics.

The participants were offered refreshments and food after the presentation. We continued to look into and compare budgets during the mingling part of the event. We thought the discussions after the event was super valuable for our continued work with a “transparency chain”, where we could link budget data, spending data, and municipal plans together. There were around 15 participants in person at the event space “Goto10.se”. The presentation was also [live-streamed on YouTube](#), and at least another 5 joined during the event.

Ocean Data Events

Ocean Data For A Thriving Planet



The ocean data events supported by the Builders Bridge fund are:

11. Escuela de Fiscales

Country: Argentina
Event date: 10 June 2022
Contact person: Cristian Gregorini
Email: cristiang@escueladefiscales.com



On 10 June 10, 2022, Escuela de Fiscales organised "Mar de Datos" in the city of Mar del Plata, Argentina to mark [World Oceans Day](#). With a special focus on the city's current situation and its relationship with the ocean, representatives of environmental organisations participated in the event. The participants came to learn how open data can be used as a powerful tool for environmental action and the preservation of the ocean.

The event started with three short presentations, which served to initiate the debate and collaborative work with the participants. After the initial talks where the potential of open data and how to use it were explained, a workshop was held where different datasets were visualised and compared. After the workshop, a debate was held on the results of the work, with a final talk, where the different sources of alternative energy that can be obtained from the ocean were discussed, opening a debate among all the participants. The attendees participated with great enthusiasm in each debate proposed at the event.

The event served to strengthen the work of civil society organisations and promote it through the use of open data. Also, it managed to make visible the potential of open data for environmental action and ocean conservation, analysing safe, efficient, and renewable alternative energy sources, friendly to the environment, a topic of enormous importance in a city like Mar del Plata, which finds in the ocean and its coasts the basis of its economy and its lifestyle.

12. U-INSPIRE Indonesia

Country: Indonesia
Event date: 11 June 2022
Contact person: Hilman Arioaji
Email: hilman.arioaji@uinspire.id



U-INSPIRE Indonesia in collaboration with Berdaya Krui organised “**Duck, Cover and Hack 4.5**”. On 11 June 2022, with 15 participants U-INSPIRE Indonesia commemorate World Ocean Day and started the FGD with a brief presentation about how communities can participate to reduce disaster risk in their area using the concepts of open data, access to disaster information and how transparency of public data is important to accurately mitigate disaster in Krui. This first session was presented by Hilman Arioaji, Innovation Working Group Coordinator from U-INSPIRE Indonesia. He highlighted that finding accurate historical disaster datasets in Indonesia is like finding Pokémons.

The goal of FGD in Krui is to get answers to how U-INSPIRE Indonesia can contribute to producing an ocean dataset that can be leveraged for daily decision-making by the villagers. Our approach is using a mini buoy that can be replicated, maintained, and operated by the local community.

For the second part, Wina Natalia as Co-lead from U-INSPIRE Indonesia facilitated the discussion. The aim is to gather more information on what has been happening in Krui in the past years back, since the data and information about disasters in Krui is limited. During the session, Wina highlighted that community action and collaboration is key to successful disaster mitigation work. Wina also encourages the locals to approach it with both an open

mind and a sceptical attitude, and to see themselves as a part of a national disaster risk reduction community with the power to change it for the better.

After FGD, Hilman and several community members are conducting aerial mapping using DJI Mavic 2. The goal of this activity is to capture Tanjung Setia Beach and its surroundings' elevation and promote a way to learn about Tsunami inundation prediction, finding a safe place, evacuation route, and how it is made by using several methods. Meanwhile, Fandilla DP, the local IoT collaborator, and several youths go to the beach to test our mini buoy. This is the first time we test it on the open ocean. Using solar panels as the main power source and LoRa as wireless connectivity, we can send the data to our local server within a 500 meters range without any delay. We use local waste that we can find on the beach to make the buoy float, and to prove that we can leverage waste to support local innovation. Yes, this mini buoy is not aimed for durability. We still have homework to calibrate the telemetry sensor. For this first phase, we can convince the community that by using low-cost technology and a few hacks, they can monitor the environment while acquiring key knowledge on disaster risk reduction, which is raw datasets.

After playing around with the buoy, we realize that the sensor was not showing an accurate reading of the wave height. So we take some adjustments based on the raw data that we got from the first attempt. For the second attempt, we finally get a more accurate reading. We can prove to the locals that community-based action could have a bigger impact by providing open ocean datasets.

13. Organization of Journalists Against Drugs Abuse and Crimes

Country: Tanzania
Event date: 11 June 2022
Contact person: Lucyphine Kilanga
Email: lucyjuliusk@gmail.com



The Organisation of Journalists Against Drugs Abuse and Crimes in Tanzania (OJADACT) organised a training program for journalists on the use of data to increase coastal resilience on 11 June 2022 in the Mwanza Region, Tanzania. The training event was attended by 25 journalists and researchers, and the Tanzania Fisheries Institute of Research (TAFIR) facilitated the session on topics of coastal resilience, ecosystem rehabilitation, livelihood, food security, land use, development, and other related topics.

A representative from the National Bureau of Statistics assisted with data and how accessible they can be for journalists to use when disseminating information related to coastal resilience.

During the training sessions participants were oriented on what coastal resilience is, and the need of using open data to ensure that media is promoting ecosystem rehabilitation. The following are among the presented topics;

- **Understanding coastal resilience in promoting ecosystem rehabilitation, land use development, livelihood, and food security:** Tanzania had 1,424 km of coastline on the Indian Ocean. Journalists have a role to protect its rehabilitation by increasing media coverage. This will raise awareness among the communities on coastal areas and the responsible authorities, so that they can plan and strategize on matters such as land use management, and develop alternative livelihoods for the coastal communities to prevent the over exploitation of the ocean as the only source of food provision.
- **The availability and accessibility of data to enhance media coverage in reporting coastal issues to promote its rehabilitation:** Journalists were oriented to increase the use of open data available to report on issues related to coastal resilience. It was made known that different government authorities such as the NBS, National Environment Management Council (NEMC), and TAFIR have open data, which are easily available to be used when reporting to increase the coastal resilience of the Indian ocean. It was also elaborated that the use of open data when reporting will promote transparency in the ocean ecosystem rehabilitation. Journalists were informed that they should also publish alternative livelihoods so that they enhance the protection of the ocean and its coastal areas. Through the information disseminated on media, communities could develop habits such as planting trees or seagrass or removing invasive vegetation. The available open data indicate massive pollution in the ocean and its sources. Therefore, journalists should take the lead in changing the narrative that will protect the ocean, and inform of the need for land use management and other ecosystem rehabilitation protection measures.

During the ongoing discussions, journalists highlighted that the responsible authorities lack sufficient data that will spearhead ecosystem rehabilitation, and they fail to plan for land management of the coastal areas. Because of the lack of data, journalists made a point on the fact that it was difficult for them to report on marine and aquaculture matters.

14. Society for Women's Education and Awareness Development

Country: India
Event date: 25 June 2022
Contact person: Victoria Asirvatham
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With the major objectives to create a different paradigm for sustainable development based on people's power, and engaging fishermen in transformative politics, SWEAD organised

training programs for youngsters in the fishing community to train them with available data on sustainable development, inter-generational equity, governance, and gender justice.

The participants of the training program were provided with the latest information on gender justice, governance, intergenerational equity, and sustainable development. They were trained by professors from Annamalai University. The training directly assisted 500 actual fishermen, particularly the young men and women who reside in the 25 coastal villages in the coastal area of Cuddalore district and who play an important role in food security, nutritional status, and employment in the coastal villages.

On 23 June 2022, SWEAD entrusted the task of preparing Information, Education, and Communication (IEC) materials on sustainable sharing of ocean resources to five scholars of Ph.D. in Coastal Aquaculture, and Ocean Science and Technology Studies at Annamalai University, Paranguepet. They jointly came up with a write-up on the subject, which was printed. On 24 June 2022, SWEAD organised training programs for 50 youngsters from the fishing community in two batches of 25 each. The professors Dr. Gobalakrishnan, Dr. T.M. Vasanthan and five scholars of Ph.D. in coastal aquaculture, ocean science, and technology studies resourced the content of the training program. The training programs were punctuated with input sessions, followed by plenary sessions, group discussions, the presentation of group reports, and common question & answer sessions. The contents of the training programs were data on sustainable development, inter-generational equity, governance, and gender justice. They also discussed the impact of ingesting plastic debris on the lives of fish, seabirds, sea turtles, and marine mammals, and how they are causing suffocation, starvation, and drowning of such marine life.

On 25 June 2022, SWEAD started distributing the IEC materials to 50 women SHGs through their respective leaders. SWEAD advised them to read and discuss the contents of the IEC materials during their weekly regular meetings. The 50 trained youngsters who participated in the training process took an active part in the weekly meetings of 50 women SHGs in the 25 coastal villages. In the process of discussions, they created awareness on available data. They also helped more than 500 women members of 50 SHGs to understand the negative impact of plastic usage on the marine environment.

Financial Report

Open Data Day 2022 : Financial Report			
		GBP £1.00 =	USD \$1.34
INCOME			
Open Data Day 2022		Amount	
S.N.	DESCRIPTION	GBP	USD
1	Microsoft	£14,818	\$20,000
2	Builders Bridge	£3,677	\$5,000
3	Open Knowledge Foundation	£5,500	\$7,370
INCOME TOTAL		£23,995	\$32,370
EXPENDITURE			
Open Data Day 2022		Amount	
S.N.	DESCRIPTION	GBP	USD
A	<u>Staff Costs</u>		
1	Project Coordination	£15,437	\$20,686
2	2021 Expenditure	£2,302	\$3,085
	Subtotal	£17,739	\$23,770
B	<u>Non-Staff Costs</u>		
1	Small Grants	£8,585	\$11,504
2	Bank Charges (£15 per transaction)	£350	\$469
	Subtotal	£8,935	\$11,973
EXPENDITURE TOTAL		£26,674	\$35,743
Table A: Small Grants Breakdown			
	Supported By	Total Event	Balance
	Microsoft (Open Data)	10 x \$750	\$7,500
	Builders Bridge (Ocean Data)	4 x \$1000	\$4,000
		14	\$11,500
Table B: Open Data Day Project Balance			

		GBP	USD
	Income	£23,995	\$32,370
	Expenditure	£26,674	\$35,743
	Net Income	-£2,679	-\$3,373

Acknowledgment

Open Knowledge Foundation is extremely grateful to [Microsoft](#) and [Builders Bridge](#) for providing the fund for this year's small grants scheme and operation.

Additionally, OKF would like to acknowledge the support provided by Kate Wing (Intertidal Agency) in the selection of the ocean data event grants and Lilly Winfree (OKF) and Sara Petti (OKF) in the selection of open data event grants.

Many thanks to the global open data community, for their valuable inputs in shaping this year's grant program. You can reach out to the Open Knowledge Foundation team by emailing opendataday@okfn.org. You can also join the [Open Data Day Google Group](#) to ask for advice or share tips and get connected with others.