

# Government Data: How to Find It, Open It, and Sustain It

Link to this presentation: [bit.ly/GovOpenDataIGF2023](https://bit.ly/GovOpenDataIGF2023)  
Open Data Collaboratives

# Linking Policy, Data, and Training

- **Open Data Collaboratives** works with governments around the world to open data and stand up their own open data policies
- Provides capacity building and training to **4,000** young people across US, Africa, and the Middle East



# Gov Data: How to Find it, Open It, and Sustain It?

Working from the Outside?

Working from the Inside?

Working in Collaboration

# Three examples:

1. Ghana Open Data
2. US Open Data
3. UAE Open Data



**Where ICT meets Social &  
Economic Development**



# Ghana Open Data Project

Florence Toffa - CEO

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# The team



**Stephane Boyera**



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**Aman Grewal**



**Gavin Chait**



**Francois Van Schalkwyk**

# Open Government Data?



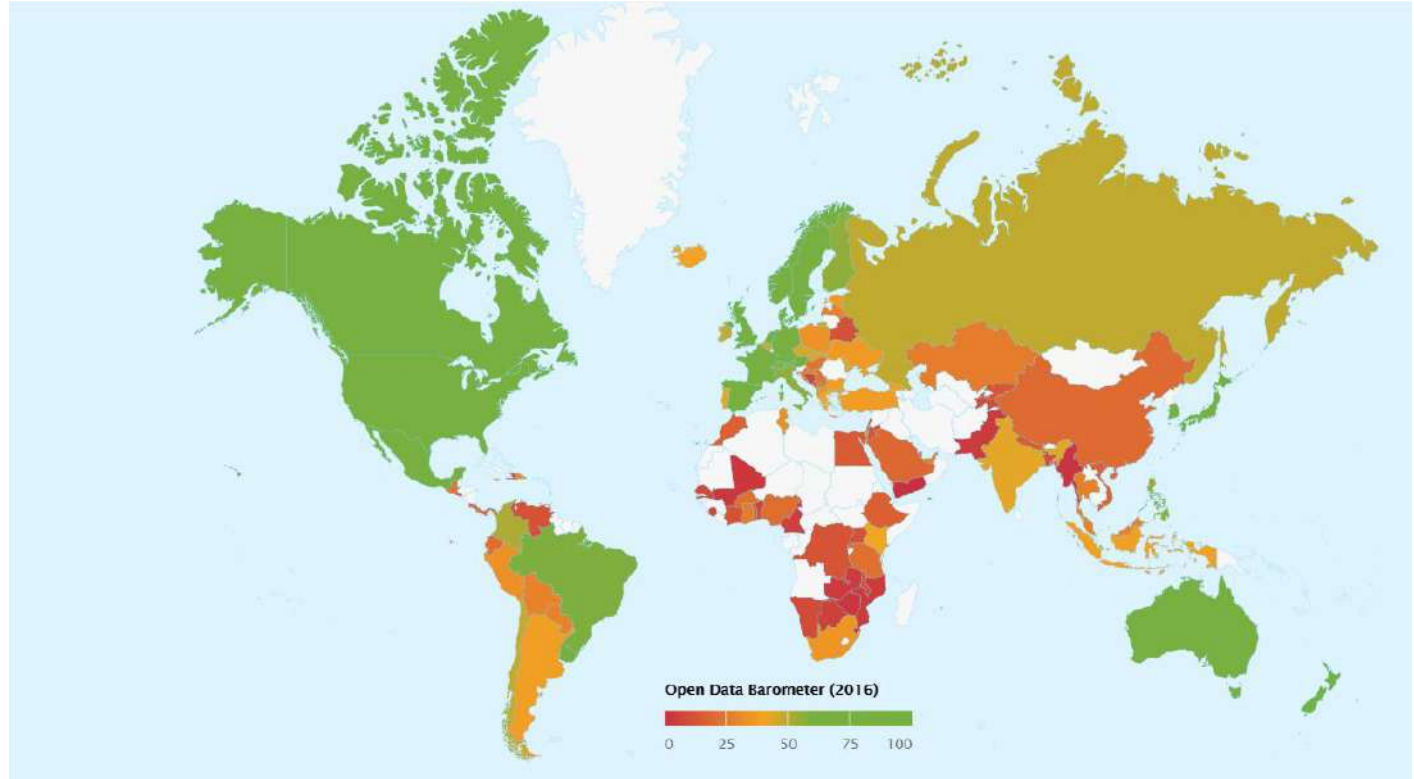
- A concept born in 2009 in UK & US
- A new approach to the management of public data and their publication
- A new approach to collaboration between governmental agencies and with non-governmental actors
- A new approach to citizen engagement and public participation
- A new approach to transparency and accountability
- A new approach to public policy evaluation & government efficiencies
- A new approach to innovation and development of digital economy



# Open Government Data: A global movement

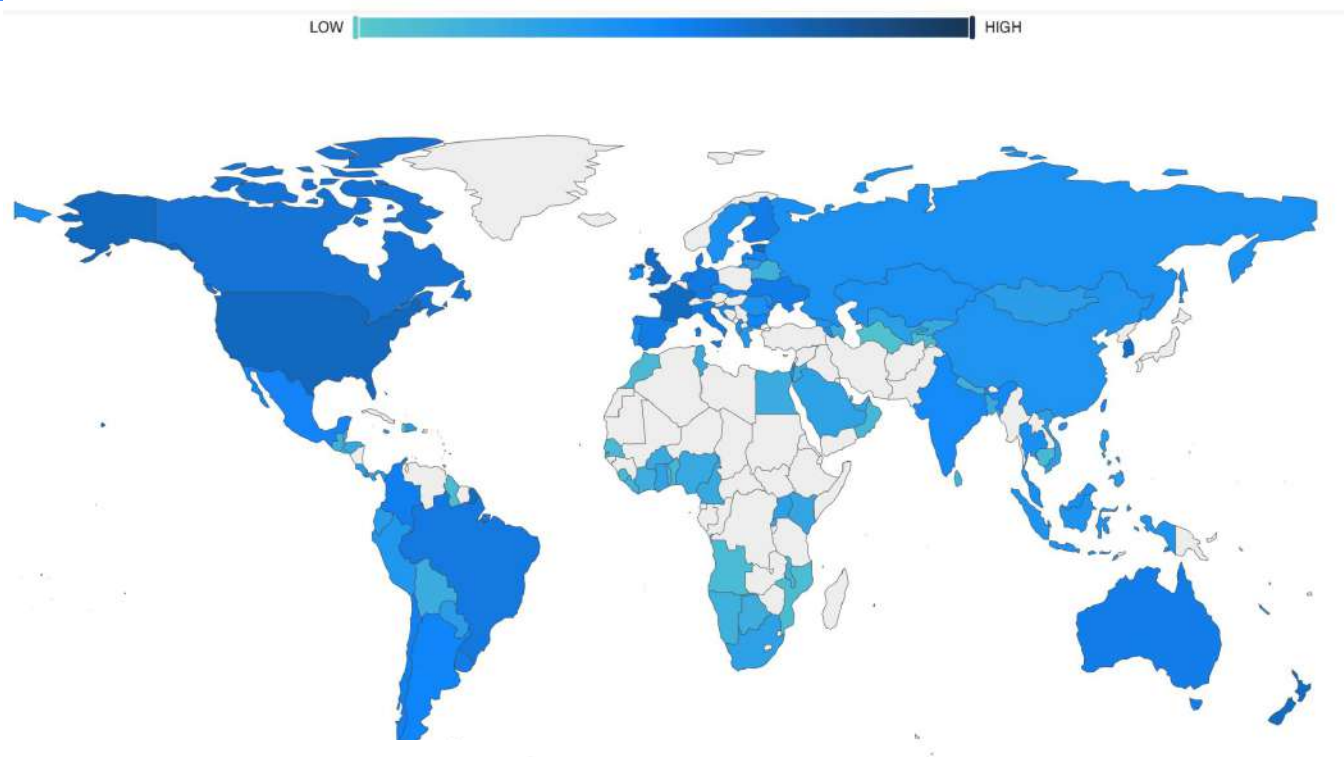


Activities in  
more than  
122  
countries





# Open Government Data: A global movement



**Global Data Barometer**

# Definition



- 1. Technically open:** available in a standardized, machine-readable format
- 2. Legally open:** With a license allowing commercial and non-commercial exploitation and redistribution without restrictions



It's data that's **technically** open

You can **search** for it and **find** it easily **online**

It's available in an **editable electronic** format or an **API**



xls, json, txt, csv, xml, html, doc,  
API, odt, ods etc.



PDF, images (JPG, GIF, PNG),  
other proprietary formats.



You can **use** it freely

You can **re-use** it freely

You can **redistribute** it freely

For **commercial and non-commercial** purpose

The owner can request **attribution**

# Policy Objectives of Open Data



New Economic and Social Value

Improved Public Services

More Transparent Government

More Efficient Government

SUSTAINABLE  
DEVELOPMENT  
GOALS

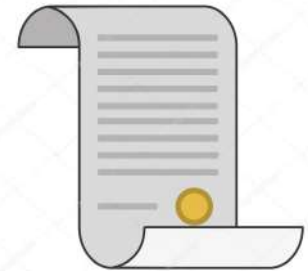
# Benefits of Open Data in EU



Source: European Data Portal



# Provide a legal context for Open Data





REPUBLIC OF GHANA

Open Data Initiative Open Data Portal

Search the site

Home Datasets Apps Metrics Open Data Sites

## Improved access to health facilities and service delivery as health facility geo-data is "opened"

**DATASETS**

Interested in latest or most viewed Datasets?

- 11 Most Datasets
- 1 High Value Datasets
- 2 Agencies/Organizations Participating

**APPS**

Interested in latest or most viewed Apps?

- 1 Apps
- 0 Mobile Apps
- 1 Agencies/Organizations participating

**COMMUNITY**

Collab, explore, discuss, meet others in the same field. Develop Apps, create visualization on Datasets for the community.

Home | Datasets | Apps | Metrics | Open Data Sites



# Role of the Capacity Building module



- Change mindset and develop culture of openness
- Ensure that agencies can implement the policy requirements
- Ensure that the Open Data initiative benefits the government:
  - Better and more systematic use of data for policy-making
  - Better and more systematic use of data for public policy evaluation



# Open Data Hackathon



USAID:  
Agriculture Data  
Open Data Policy

Katherine Townsend



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2021

**LEARNING IN ACTION**



# Choose your Catalyst

- Find an agency or office who are supportive and ambitious
- Choose a topic that is not controversial - to start
- Landscape stakeholders- who do you need on your side?
- Build in a media and communications plan
- Make time for implementation and institutionalization. How are people's jobs changed at all levels?

**[project-open-data.cio.gov](http://project-open-data.cio.gov)**

# Development Data Library (DDL)

Your gateway to USAID-funded, machine-readable data.

[Register or Submit Data](#)



Democracy, Human Rights  
and Governance



Economic Growth



Education and Social  
Services



Health



Humanitarian Assistance



Peace and Security



Program Development and  
Oversight

[data.usaid.gov](https://data.usaid.gov)

# Follow The Data

- Find a dataset. Write down each step of the process to make it public. Who needs to provide approval? Clearance? Data and Privacy cleanup?
- Get all approvers together and create a working group. Take notes and share with others.
- Synthesize the process, where can you combine steps and simplify?
- Update, publish, get the public on your side



# UAE Bayanet

# HACKATHON

## UAE

Data for Happiness



# Building an Open Data Portal

- Finding data
- Understanding metadata
- Cleaning the data
- Converting the data
- Ensuring the Quality
- Sustaining data
- Training and Visualizing

سبب الوفاة	Cause Of Deaths	الجنسية
الامراض المعدية و الطفيلية	Infectious & Parasitic Diseases	مواطن
الامراض المعدية و الطفيلية	Infectious & Parasitic Diseases	مواطن
الامراض المعدية و الطفيلية	Infectious & Parasitic Diseases	غير مواطن
الامراض المعدية و الطفيلية	Infectious & Parasitic Diseases	غير مواطن
Total  جملة	N/A	N/A
امراض معدية معوية	Intestinal infectious Diseases	مواطن
امراض معدية معوية	Intestinal infectious Diseases	مواطن
امراض معدية معوية	Intestinal infectious Diseases	غير مواطن
امراض معدية معوية	Intestinal infectious Diseases	غير مواطن
Total  جملة	N/A	N/A
السدن	Tuberculosis	مواطن
السدن	Tuberculosis	مواطن
السدن	Tuberculosis	غير مواطن
السدن	Tuberculosis	غير مواطن
Total  جملة	N/A	N/A
السعال الديكى	Whooping Cough	مواطن
السعال الديكى	Whooping Cough	مواطن
السعال الديكى	Whooping Cough	غير مواطن
السعال الديكى	Whooping Cough	غير مواطن
Total  جملة	N/A	N/A
عدوى بالمكورات السحالية	Meningoccal Infection	مواطن
عدوى بالمكورات السحالية	Meningoccal Infection	مواطن
عدوى بالمكورات السحالية	Meningoccal Infection	غير مواطن
عدوى بالمكورات السحالية	Meningoccal Infection	غير مواطن
Total  جملة	N/A	N/A

# Welcome To The UAE Open Data Portal

Search Public Data

SEARCH





## Breakouts:

1. What data could you make open?
2. Who within government could you work with to open that dataset and build a model for open data?
3. Answer: If \_\_\_ data are open then we may apply it by \_\_\_\_\_ to make \_\_\_\_\_ impact.

(If cost of connectivity and quality of Internet experience data were made open then we may apply it by building a map of companies providing that service to make allocation of government funding for Internet infrastructure available to efficient actors, impact.

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[Project-open-data.cio.gov](http://Project-open-data.cio.gov)

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Resources: [project-open-data.cio.gov](http://project-open-data.cio.gov)