Standards for Trusted Data Collaboratives

Bogotá, 9 of November 2017
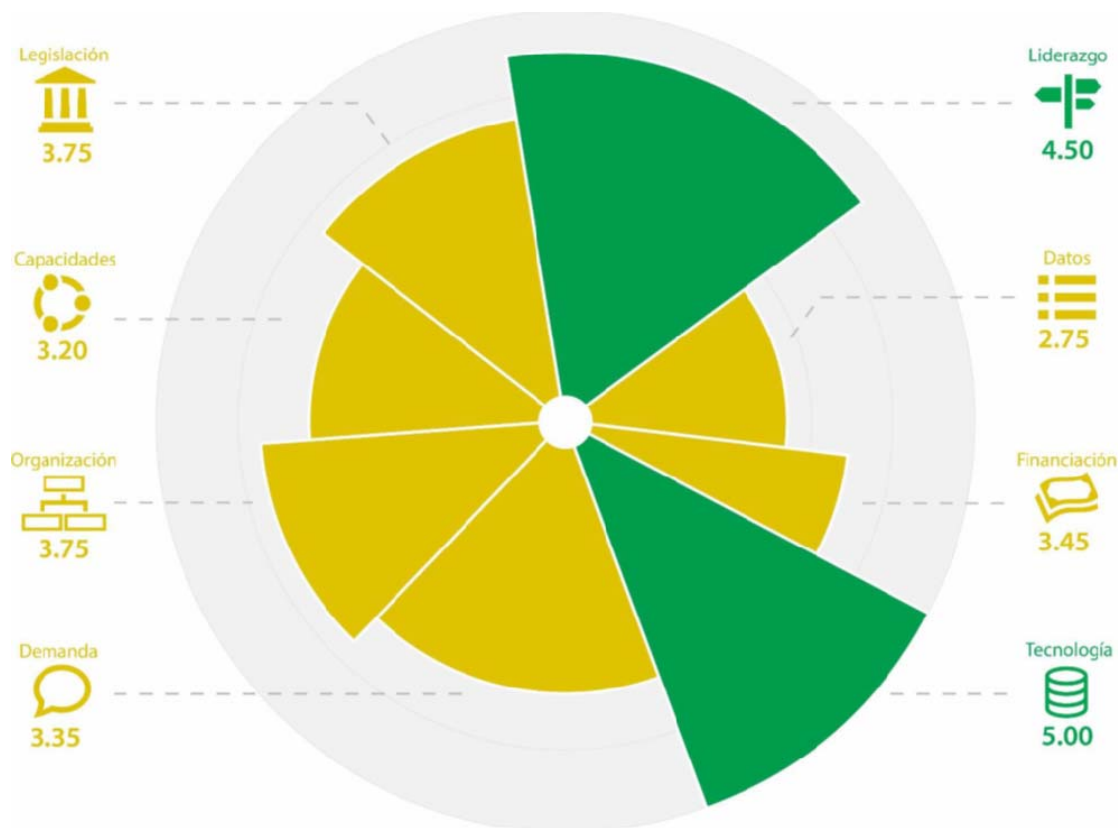
GOBIERNO DIGITAL

MINTIC

vive digital para la gente

TODOS POR UN NUEVO PAÍS

Open Data Evolution in Colombia

LEGAL FRAMEWORK AND GUIDELINES

Guide 2011

Decree 2693 of 2012 Online Government - Online Democracy

Law 1712 of 2014 Transparency

Decree 2573 of 2014 Government online

Resolution 3564 of 2015 Develops the Transparency Law

Decree 1078 of 2015

Guide 2015

Decree 415 of 2016 - CIO

Guide 2017

GENERATION FROM CAPABILITIES

Hackatones

Training

Accompaniment in the strategy GEL Equipment

Specialized accompanying, outsourcing (CINTEL)

5 marathons

Training

Specialized accompaniment of the CCD and GEL equipment

Training

Specialized accompaniment of CCD

Undertake with data

Course Virtual of Data

GEL accompaniment

Data to the U, involvement of the academy

TOOLS

Contract of Platform maintenance and Operation Open Data OGDI

Socrata

ODRA – WORLD BANK

Functional prototype implementation

Design of the Open Data Model

Study of Open Data platforms

Parameterization Socrata Platform

Condatos, launching of datos.gov.co

Analytics against corruption

Prototype Linked Open Data

2011	2012	2013	2014	2015	2016	2017

4 datasets

10 datasets

431 datasets

503 datasets

1751 datasets

4000 datasets

6281 datasets

Open data diagnostic
in Colombia

Legislación
3.75

Capacidades
3.20

Organización
3.75

Demanda
3.35

Liderazgo
4.50

Datos
2.75

Financiación
3.45

Tecnología
5.00

Open Data Readiness Assessment – ODRA Banco Mundial - 2015

❑ Leadership

✓ Colombia´s open data initiative is being promoted by the Presidency of the Republic.
✓ Colombia has been a member of AGA since 2011, which shows great commitment.

❑ Technology

✓ The Open Data Index (4th position in 2015) and Open Data Barometer (28 position in 2015), have shown positive results.

Sources:
▪ https://index.okfn.org/place/
▪ http://opendatabarometer.org

Ranking
In international measurements

OURdata Index: Open, Useful, Reusable Government Data (2017)
Composite index: 0 lowest to 1 highest
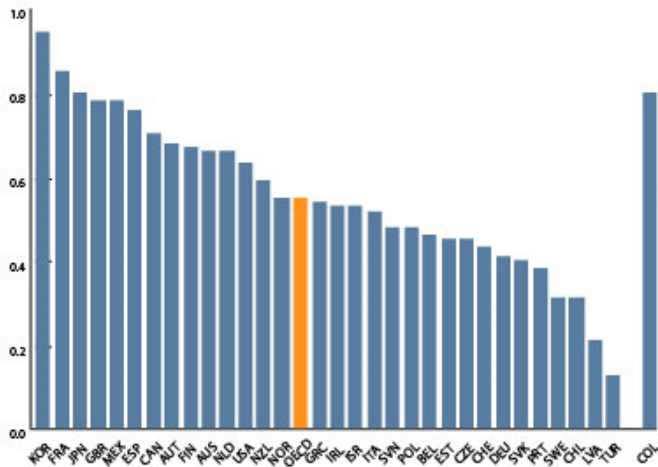
Source: OECD Government at a Glance, 2017

OECD

GLOBAL OPEN DATA INDEX

3th in Latin-American
14 worldwide
2016

OpenData Barometer

4th in Latin-American
24 worldwide
2016

Colombia

Datasets and Federation

- 6,281 datasets ready to be used
- 3 federated portals

Gov. Agencies

811 agencies publishing in the Open Data Portal
www.datos.gov.co

Data Visualization

1385 visualizations based on open data

DATOS ABIERTOS
GOBIERNO DIGITAL COLOMBIA

Data reuse collaborative

- 500 trained observers
- 40 products created by universities
- 120 entrepreneurs creating products based on open data

National Administrative Department of Statistics

- 23 datasets
- 107 external datasets
- https://sitios.dane.gov.co/visor-anda/
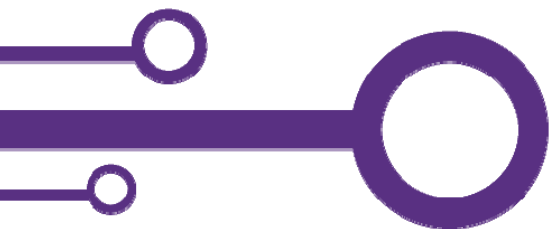
Road gained in the quality and reliability of the open data

- **Reliable Data,** this data is published by government agencies at their highest level of disaggregation.

- **System Integrity,** Socrata´s Open Data Portal is included in Gartner´s list of renown providers of open data portals according to Gartner, December 15, 2016.

  https://www.gartner.com/doc/3545119/market-guide-government-open-data

- **Metadata**, has been defined in order to strengthen the context of the data, geolocation and follow-up to its rigorous completion, thus facilitating access and reuse of data.

- **Standards**, Socrata´s Open Data Portal supports a wide range of data formats and metadata standards to ensure that the data is always open and interoperable. Some of the open formats that are supported are JSON, CSV, GeoJSON, DCAT and data.json
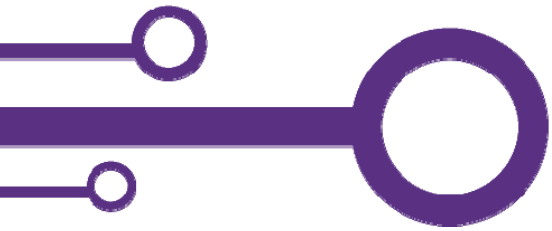
Trusted Data
"Aptitude for use"

Export

Inform

The data characteristics should be **provide adequately a function or service**, and must allow...

Categorize

Knowledge

Analyze

Visualization

Reuse

Access

Explore

ACTIVE LISTENING

By using the "participate section" in the open data portal. Citizens can ask for new open data which is not available or request missing details from existing datasets.

CITIZENS EVALUATION

Through the Label of Excellence model. The user becomes the protagonist, by certifying and verifying the quality of the data.

OPEN DATA USE

By promoting open data reuse programs such as Datos a la U and Emprende con Datos. Citizens are creating social, economic and political value based on Open Data.

How does collaboration and trust, take place in Open Data?
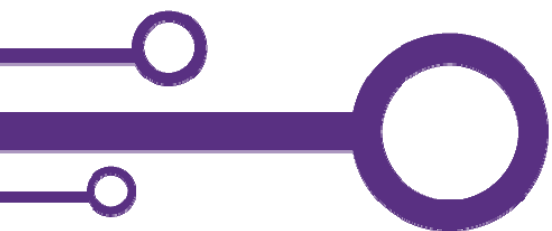
Vhista GPS
GPS for individuals with visual impairment or total blindness

¿Which datasets were used from the Open Data Portal?

- Streetlights in Bogotá
- Restaurants in Bogotá
- Gov. agencies & libraries
- National Police agencies
- Museums in Bogota
- Sales stores in Bogotá
- Health providers
- Mobile phones thefts in 2017

¿Which datasets were used from other sources?

- Data from Google Places in order to define the location of a person, based on addresses, cities and places.
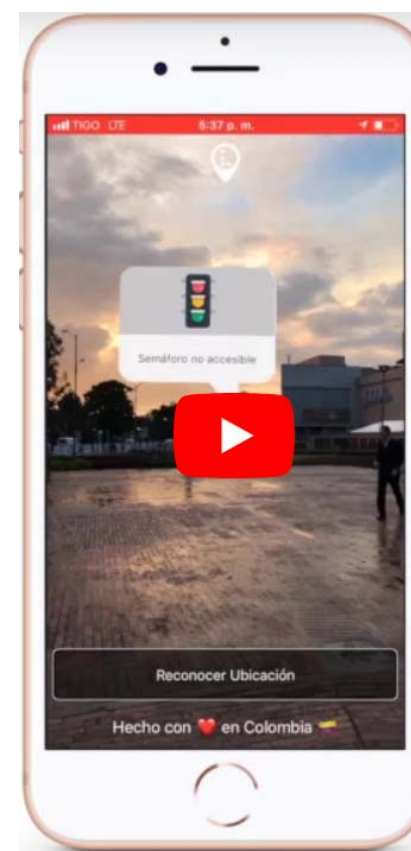
Winners #DatosalaU

Carlos Julio León Caicedo

cleon@mintic.gov.co
@ingcarlosleon
Ministerio de Tecnologías de la Información
y las comunicaciones
Colombia
www.estrategia.gobiernoenlinea.gov.co

GOBIERNO DIGITAL

GOBIERNO DIGITAL   MINTIC   vive digital para la gente   TODOS POR UN NUEVO PAÍS