



Social, economic and environmental benefits of OGD

Division for Public Administration and Development Management (DPADM), United Nations Department of Economic and Social Affairs (UNDESA)

Content

- Context of the data revolution
- Social, economic and environmental benefits of OGD
 - Enhancing public governance
 - Empowering people
 - Creating opportunities
 - Solving public problems
- Impact factors
- Challenges
- Toward an Open Data Roadmap

The data revolution

Progress made on the Sustainable Development Goals is measured at the global level through collecting and providing data and metadata for 232 global SDG indicators that were agreed upon at the 48th session of the United Nations Statistical Commission in 2017.

Data enables more informed decision-making, increased effectiveness of public agencies, improved performance measurement and greater transparency.

Expanding data collection, goes hand-in-hand with greater capacity for storing and sharing this data; more tools are available that can provide insights into data.

In order for this potential to be realized, however, data must first be made available, in a usable way, to the wide variety of actors who need to collaborate in delivering development outcomes.

Sustainable OGD ecosystem

A healthy and sustainable ecosystem for OGD depends on many factors, which can be summarized in eight dimensions:

1. Government Commitment
2. Policy/Legal Framework
3. Institutional Structures, Responsibilities and Government Capabilities
4. Government Data Management Policies and Procedures
5. Demand for OGD
6. Civic Engagement and Capabilities for OGD
7. Funding of the OGD Programme
8. National Technology and Skill Infrastructure

Economic, social and environmental value of OGD

❖ **well-informed public**

- understanding why decisions are made and how tax money is spent
- more effective engagement and active participation in society

❖ **more transparent and accountable government**

- preventing corruption and sustaining trust in public institutions

❖ **better data management and sharing practices within government**

- greater efficiency and savings in taxpayer's money

❖ **evidence-based decision-making within the public sector**

- more informed and more responsive public policies and services

❖ **creation of innovations**

- new products and services built by third parties reusing OGD
- stimulating job creation and economic growth alongside enhanced social inclusion and awareness of environmental concerns

Enhancing Public Governance

OGD for a more transparent and accountable government; as a basis to mitigate corruption and rebuild trust in public institutions; this is critical for more informed and more responsive public policies and services.

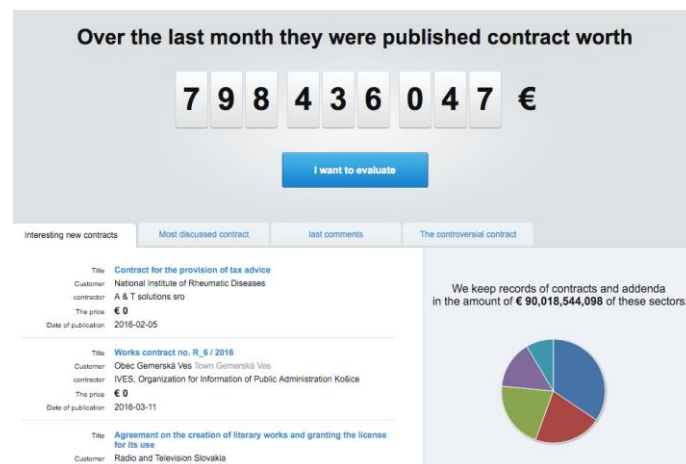
Public procurement in Slovakia

In January 2011, Slovakia introduced legislation, requiring that all documents related to public procurement (including receipts and contracts) be published online, and making the validity of public contracts contingent on their publication.

These reforms appear to have had a dramatic effect on preventing corruption and improving the business climate.

TI Slovakia has created the Open Public Procurement portal that covers over 36,000 contracts valued at more than €47 billion (US\$52.6 billion) and which has historical data dating to 2009.

Resource: Read the full case study on www.odimpact.org



Screenshot website: tender.sme.sk

Empowering People

OGD enables a well-informed public; people that understand why decisions are made and how tax money is spent, thus enabling them to effectively engage and actively participate in society.

Health care in Uruguay

Every year, Uruguayan people are given the opportunity to choose whether to change or stay with their existing health care provider. In the country's mixed public-private health care system, several factors come into play when making this decision: the location of the health provider, number of doctors and pediatricians available, hours open, etc.

How can Uruguayan citizens make informed decisions on choosing health care providers?

Health care in Uruguay Cont'd

A CSO from Uruguay, partnered with the Uruguayan Ministry of Health to create [A Tu Servicio](#), a website providing easily digestible, searchable and visualized infographics based on open government health data.

The Web platform allows users to select their location and then to compare local health care providers based on a wide range of parameters and indicators, such as facility type, medical specialty, care goals, wait times and patient rights. This enables them to make informed decisions when choosing health care providers and to engage in public debate about the health care system.

Resource: Read the full case study on www.odimimpact.org



Screenshot website: atuservicio.uy

Creating Opportunities

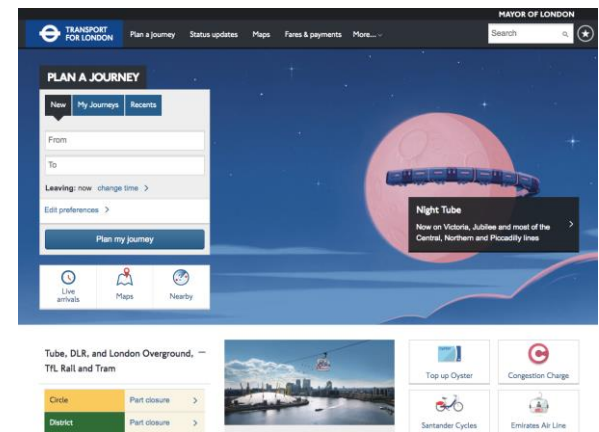
OGD supports the creation of innovations; new products and services built by third parties reusing OGD, which may stimulate job creation and economic growth alongside enhanced social inclusion and awareness of environmental concerns.

UK's “Transport for London”

In 2012 Transport for London (TfL) started to release its key datasets, many in real time. Today, hundreds of apps have been built using this data, effectively reaching millions of London transport users and delivering tens of millions in monetized time savings to its core customer base, all at a relatively low cost of investment.

- Number of developers registered on TfL website: >5,000
- Number of apps available powered by TfL data: 362
- Reach of apps powered by TfL data:
~4 million people
- Value of time saved by users of these apps in 2012: £15m-£58m

Resource: Read the full case study on www.odim pact.org



Screenshot website: tfl.gov.uk

Solving Public Problems

ODG is playing an important role in solving public problems, by allowing people, governments and private sector to work together on new forms of evidence-based decision-making and data-driven solutions.

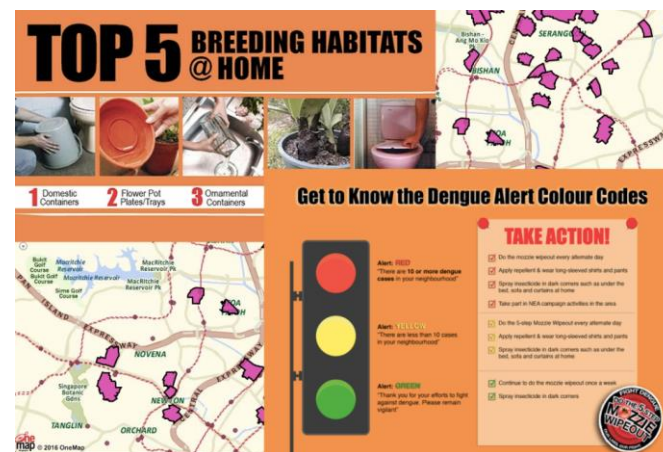
Singapore's Dengue Cluster Map

Faced with a dengue fever epidemic, the government of Singapore and the city's National Environmental Agency (NEA) used open data to help control the spread of the disease.

In 2005, the NEA started sharing information on the location of dengue clusters as well as disease information and preventive measures online, through a website now commonly known as the "Dengue Website."

[The website](#) informs people about outbreaks of the Dengue epidemic and current local hotspots. The site also provides advice on protection measures.

Resource: Read the full case study on www.odimpact.org



Screenshots from: www.nea.gov.sg/public-health/dengue

Other case studies on the impacts of OGD

- [The Global Impact Of Open Data](#), by GovLab
- [Open Data Impact Map](#), by Center for Open Data Enterprise
- [Open Data Case Studies](#), by UK Government
- [Open Data Case Studies](#), by Open Data Institute
- [Series of in-depth case studies](#) on the impact of technology enabled transparency policies around the world, by Sunlight Foundation
- [Emerging Impacts of Open Data in Developing Countries](#), by Web Foundation

Thank you!

Division for Public Administration and Development Management (DPADM) of the United Nations Department of Economic and Social Affairs (UNDESA).

OGD Project and OGDCE Guidelines
publicadministration.un.org/en/ogd

United Nations Publication. Copyright © United Nations, 2017. All rights reserved.

All case studies are accessed from www.odimpact.org

© The GovLab. Licensed under CC-BY-SA 4.0