

# Open Data for Africa platform

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# Introduction into Open Data for Africa

- Initiative launched by African Development Bank to significantly improve data management and dissemination in Africa
- First wave: Open Data for Africa portal launched an year ago
- Second wave: Country Open Data portals for all African countries
  - 20 countries have been launched on March, 14
  - The remaining will be launched by end of June, 2013
- Interactive, easy to use tools for data visualization and analysis
- Community driven data and content, anyone can contribute datasets and visualizations
- Programmatic access to data (API)
- Fully open and free for anyone to use

# What is Open Data?

*“A piece of data or content is open if **anyone** is **free to use, reuse, and redistribute** it — subject only, at most, to the requirement to attribute and/or share-alike.”*

*<http://opendefinition.org>*

# More about what is Open Data

- **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.

No PDFs, no chunked downloads via complex forms!

- **Reuse and Redistribution:** the data must be provided under terms that permit reuse and redistribution including the intermixing with other datasets.

- **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.

# Who to use?



# Open Data for Africa – How To Use

One-stop destination for data on Africa and African countries



## Companies and businesses

- Data-driven business development
- Improved or new private products and services
- Market analysis and forecasting

## People and citizens

- Government transparency and democratic control
- Participation, self-empowerment and better decision making

## Journalists and researchers

- Use available data for fact checking and storytelling
- Enhance presentations via interactive visualizations

# Open Data for Africa - Home

- Africa at a Glance statistics and key datasets
- Links to Data Catalog and Gallery
- Quick access to country Open Data portals for all African countries
- Search
- News

**OPEN DATA for Africa**

Home Data Catalog Gallery Login Sign Up

Enter search query here  
Examples: Kenya GDP, Nigeria oil production, Population of South Africa, Water consumption in Zambia

**News**

**Introduction**

The African Development Bank (AfDB) has launched Open Data Platform ([www.afdb.org/odp](http://www.afdb.org/odp)) for the following 20 African countries: Algeria, Cameroon, Cape Verde, Democratic Republic of Congo, Ethiopia, Guinea, Morocco, Mozambique, Namibia, Nigeria, Ghana, Rwanda, Republic of Congo, Senegal, South Africa, South Sudan, Tanzania, Zambia, Zambia and Zimbabwe. The Open Data Platform program is part of the AfDB's recently launched "Africa Information Highway" initiative aimed at significantly improving data management and dissemination in Africa. Work is on course to complete platforms for the rest of African countries by July 2013.

The Open Data Platform is a user-friendly tool for extracting data, creating and sharing user customized reports and visualizing data across themes, sectors and countries in tables, charts and maps. Through the Open Data Platform, users can access a wide range of development data on African countries from multiple international and national official sources. The platform also facilitates the collection, analysis and sharing of data among countries and with international development partners. The platform offers a unique opportunity for various users, such as policymakers, analysts, researchers, business leaders and investors around the world, to gain access to reliable and timely data on Africa. Users can visualize time series development indicators over a period of time, perform comprehensive analysis at country and regional levels, utilize presentation-ready graphics or create their own, blog and share their views and work with others, thereby creating an informed community of users.

The initiative will also significantly revitalize data management and dissemination in Africa, and establish the continent for more effective participation in the global information economy.

**Browse Data**

- AfDB Socio Economic Database, May 2012  
Source: African Development Bank Group
- Africa Millennium Development Goals  
Source: African Development Bank Group
- African Development Bank, Bank Operations 2012  
Source: African Development Bank Group
- Fragile States - Socio Economic Database  
Source: African Development Bank Group
- Fragile States - Food Prices, Monthly Statistics, February 2012  
Source: African Development Bank Group
- AfDB Country Policy and Institutional Assessment  
Source: African Development Bank Group
- Making Finance Work for Africa  
Source: African Development Bank Group

**Largest Economies**  
Source: Commerce in the World 2010

Country	Value
South Africa	354
Egypt	216
Nigeria	174
Algeria	118
Morocco	91
Angola	82
Libya	71
Tunisia	44
Kenya	22
Ethiopia	20

Source: AfDB Statistics Department & BIP

**Real GDP Growth, %**  
Source: AfDB Statistics Department & BIP

Year	Middle East and North Africa	Sub-Saharan Africa	World
2008	5.6	5.6	5.6
2009	2.9	2.9	2.9
2010	5.4	5.4	5.4
2011	5.2	5.2	5.2
2012	5.8	5.8	5.8
2013	5.5	5.5	5.5
2014	5.4	5.4	5.4

**Quick access to Open Data Portals and country dashboards**

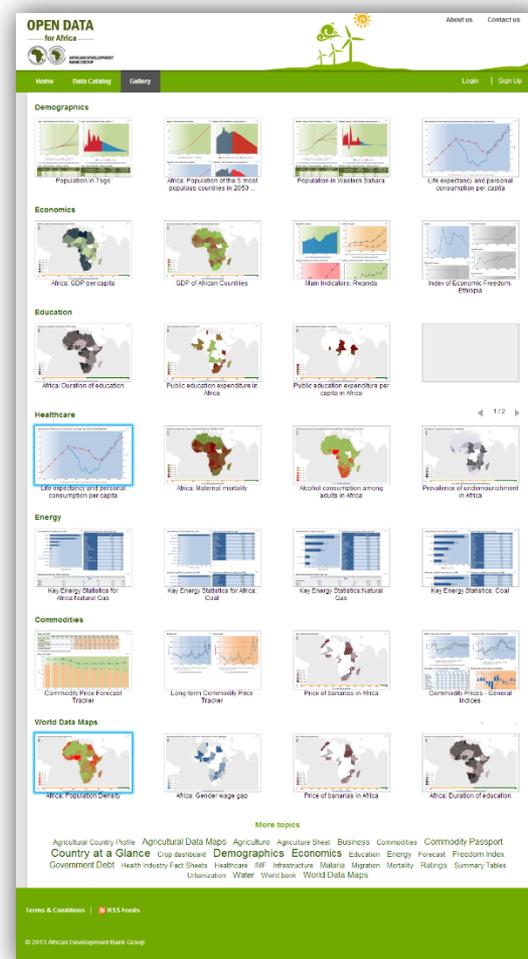
Central Africa	East Africa	North Africa	Southern Africa	West Africa
Cameroon	Burundi	Algeria	Angola	Benin
Central African Republic	Cameroon	Egypt	Botswana	Burkina Faso
Chad	Cote d'Ivoire	Libya	Lesotho	Cape Verde
Congo, Dem. Rep.	Ethiopia	Mauritania	Madagascar	Cote d'Ivoire
Congo, Rep.	Ethiopia	Morocco	Mali	Ghana
Equatorial Guinea	Kenya	Tunisia	Mauritius	Guinea-Bissau
Gabon	Rwanda		Mozambique	Gambia
	South Africa		Namibia	Guinea
	Somalia		South Africa	Liberia
	South Sudan		Swaziland	Mali
	Tanzania		Zimbabwe	Niger
	Uganda		Zimbabwe	Nigeria
				Sao Tome and Principe
				Senegal
				Sierra Leone
				Togo

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# Open Data for Africa - Gallery

- Gallery is a collection of ready-to-use visualizations on various topics like economics or demographics
- View individual pages
- Export pages to XLS/PPT/PDF
- Share pages on Facebook/Twitter/Google+
- Leave comments/initiate discussions



# Open Data for Africa – Data Catalog

- All African data at a single place browsable by topic, source, region, name or publication date
- Browse dataset contents (time series) by country/indicator etc. View selected time series as table/chart
- Create pages from selected data
- Download selected data in XLS/CSV
- Suggest your own dataset

The screenshot displays the 'Open Data for Africa' Data Catalog website. The header features the logo 'OPEN DATA for Africa' and the African Development Bank Group logo. Navigation links include 'Home', 'Data Catalog', 'Gallery', 'About us', 'Contact us', 'Login', and 'Sign Up'. The main content area is titled 'Dataset Browser' and includes a search bar with filters for 'All' and 'Topic: Agriculture'. Below the search bar, there are tabs for 'Topics', 'Sources', 'Regions', and 'Search'. A list of datasets is shown, with the 'African Development Bank, Food Security, December 2011' dataset highlighted. This dataset includes a 'Select Dataset' button and a 'Date' filter set to '2012', '2011', and '2010'. The source is listed as 'African Development Bank Group' and uploaded by 'Knoema'.

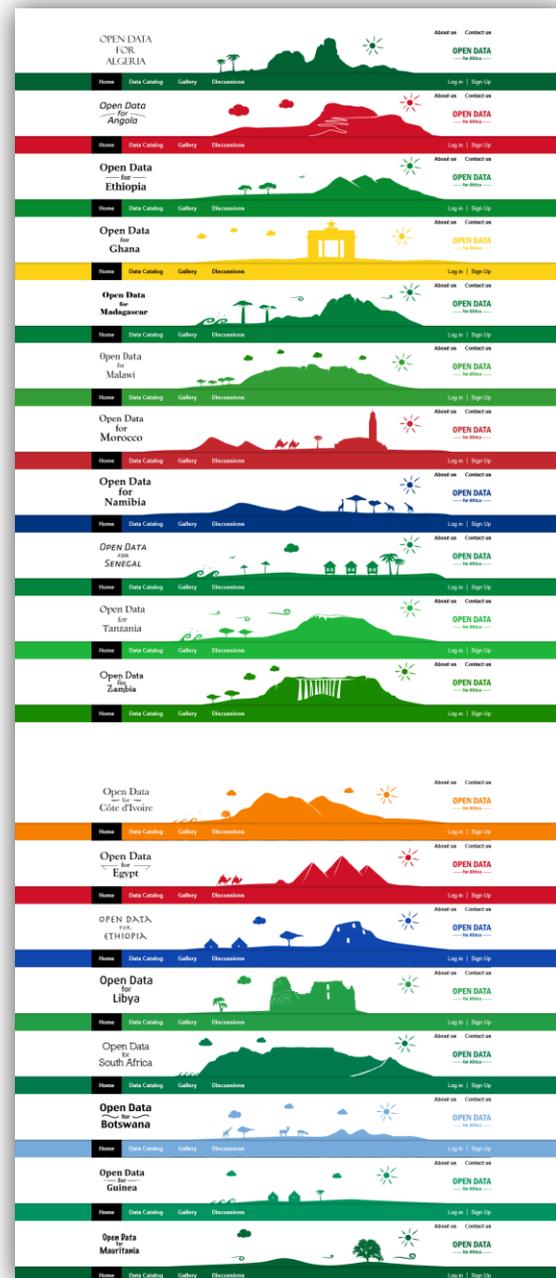
# Open Data for Africa – Dashboard Builder

- Create your own interactive visualizations with combination of tables, charts and maps in minutes
- Customize layout and colors, parameterize by country or region
- Cross-dataset data visualization
- Share to friends and publish to Gallery



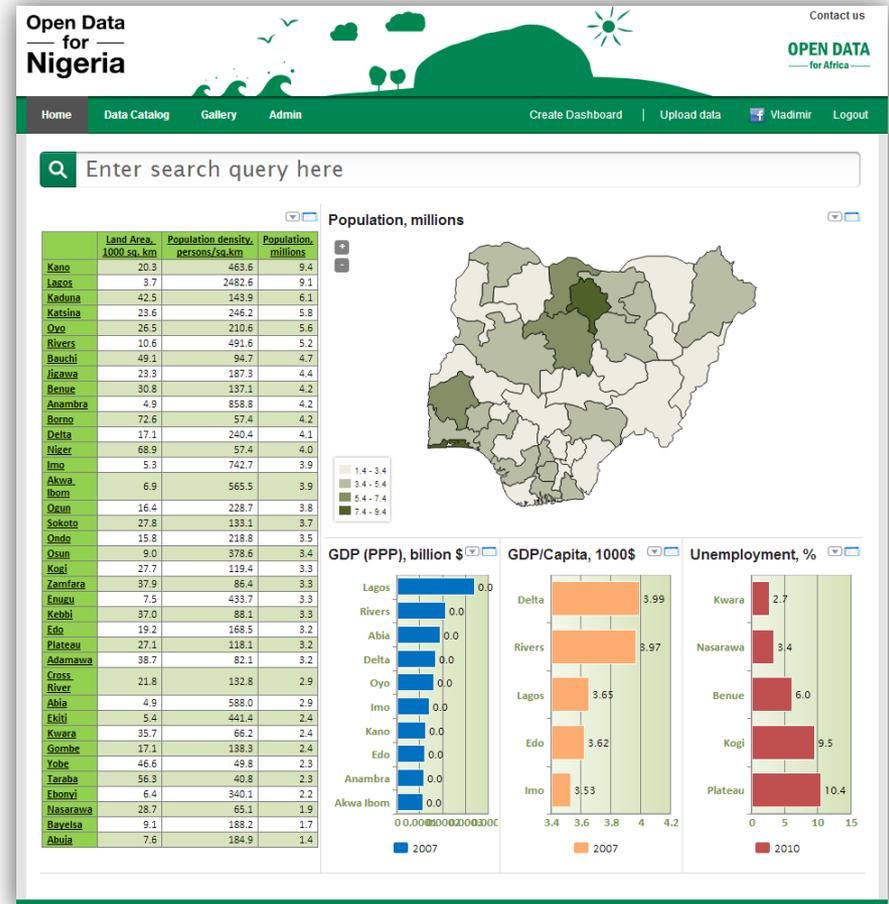
# African Information Highway

- All AfDB countries will get their own Country Data Portals by July, 2013
- All country portals integrated with “mother” Open Data for Africa portals
- 30 portals already launched, remaining coming soon



# Country Open Data portal

- All country statistics and more in a single place with region-level data available
- Interactive, data-driven country maps and other visualizations
- Intelligent search across data and content
- Data Upload tool for people to upload their own datasets



# Open Data for Africa – Apps and Tools for developers

- Open Data for Africa is true Open Data platform
- There is a comprehensive API available for developers to work with data and content