

World Bank Open Agenda: Open Data & Access to Information in the Development Community

European Commission, 2011 Global Forum: "Vision for the Digital Future, Mobilizing Organizations and People," Brussels, Nov 7-8, 2011, Session 7: Challenges for Open Innovation



The World Bank



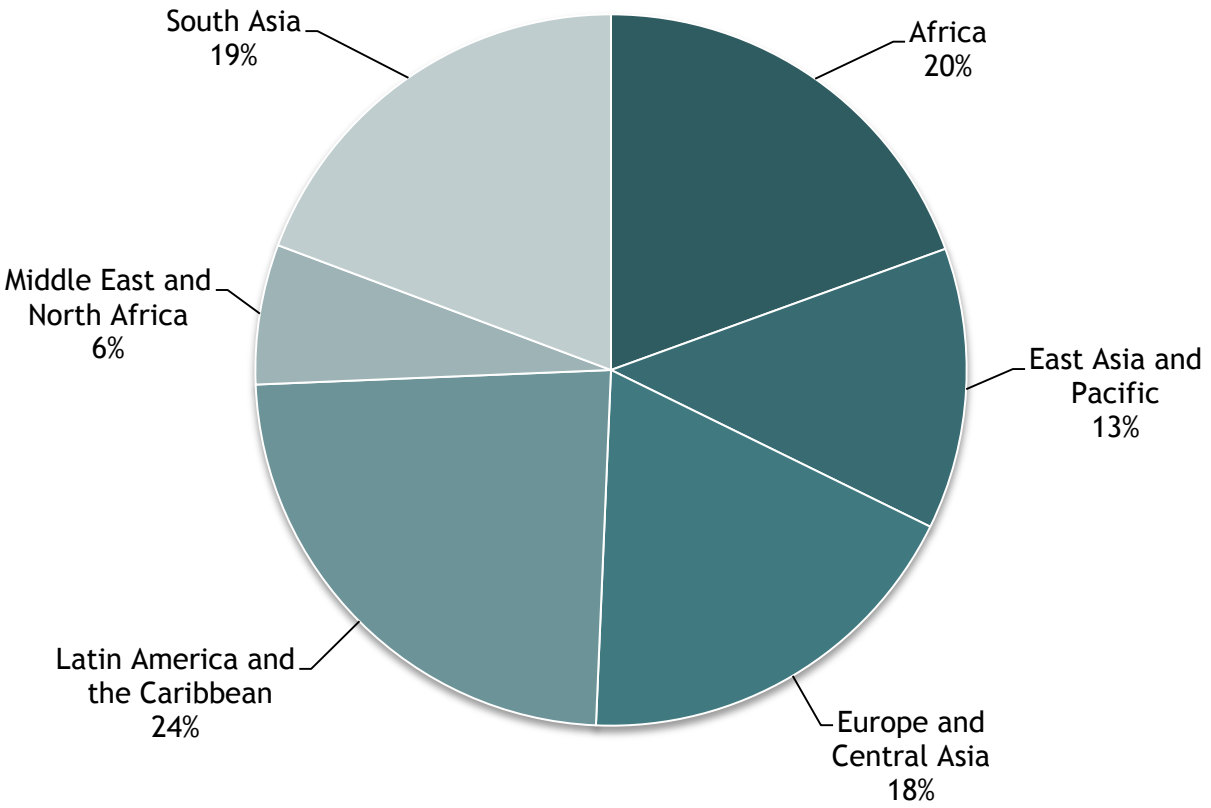
- Established July 1944 to rebuild Europe after World War II (Bretton Woods)
- Owned by 187 member countries
- HQ in Washington, DC
- Provides finance and technical assistance

- Now focused on fighting global poverty in developing countries
- Over 10,000 employees in over 100 countries



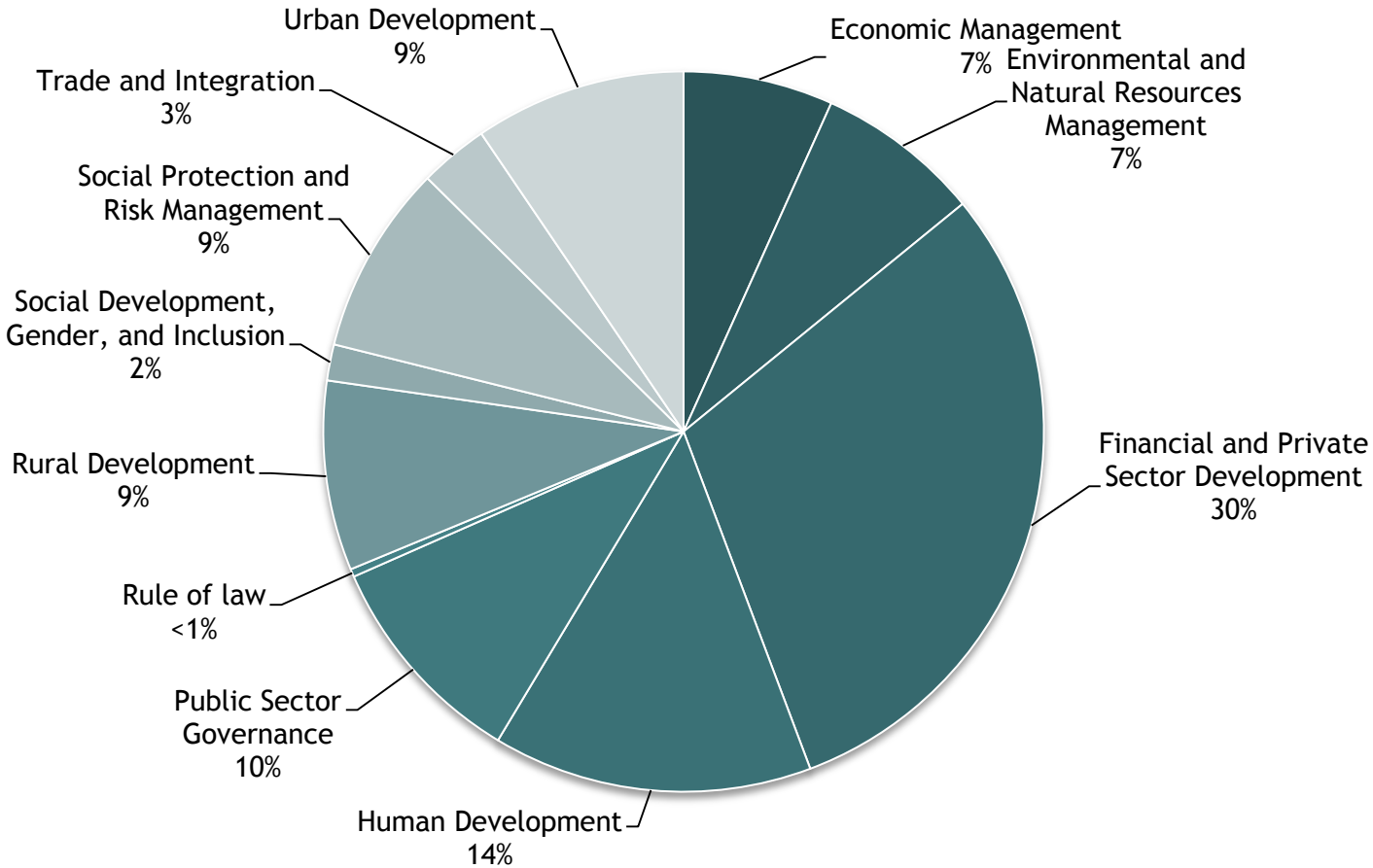
Lending by Region in Fiscal Year 2010

Share of Total FY Lending of \$58.7 Billion



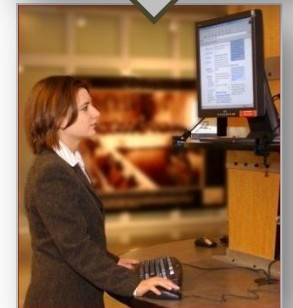
Lending by Theme in Fiscal Year 2010

Share of Total FY Lending of \$58.7 Billion



The institution is changing, The Vision is Open Development, Information / Data are the Bank's most valuable assets

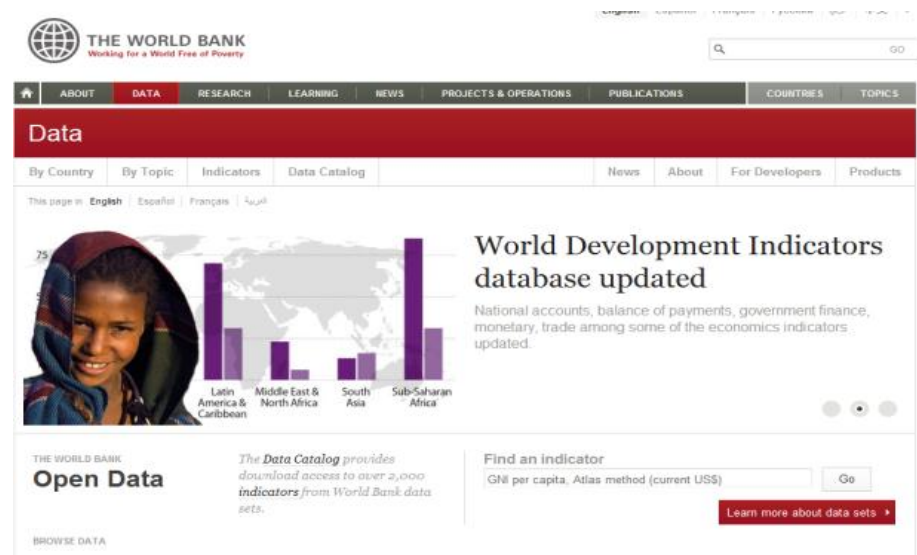
- Strong focus on more open World Bank, and knowledge
 - “I have talked about the need to **democratize** development so that all - North, South, East, West, rich and poor, men and women - can play a part in designing, executing, and continually improving development solutions.” (Robert Zoellick, September 2011)
- New Access to Information policy in July 2010
 - Presumption to disclose (open by default), clearly defines what is and is not accessible
- Open Data



Open Data
Access to Information
Open Knowledge

What is World Bank Open Data?

- Offers free and open access via a new website: **data.worldbank.org**
- More than 2,000 financial, business, health, economic, and human development statistics
- Data from 209 countries, with some of the data going back 50 years
- An initial 330 indicators are available in French, Spanish and Arabic
- Recently partnered with Google to make 39 development indicators highly searchable and accessible



The screenshot shows the World Bank Open Data website. At the top, the World Bank logo is visible with the tagline "Working for a World Free of Poverty". Below the logo is a navigation menu with options: ABOUT, DATA (highlighted), RESEARCH, LEARNING, NEWS, PROJECTS & OPERATIONS, PUBLICATIONS, COUNTRIES, and TOPICS. A search bar is located in the top right corner.

The main content area features a red header with the word "Data". Below this, there are tabs for "By Country", "By Topic", "Indicators", and "Data Catalog". A secondary navigation bar includes "News", "About", "For Developers", and "Products".

The main content area displays a featured article titled "World Development Indicators database updated". The article includes a photograph of a young girl and a bar chart showing indicators for four regions: Latin America & Caribbean, Middle East & North Africa, South Asia, and Sub-Saharan Africa. The text of the article states: "National accounts, balance of payments, government finance, monetary, trade among some of the economics indicators updated."

Below the article, there is a section for "Open Data" with the text: "The Data Catalog provides download access to over 2,000 indicators from World Bank data sets." To the right of this section is a search box labeled "Find an indicator" with the text "GNI per capita, Atlas method (current US\$)" and a "Go" button. A red button below the search box says "Learn more about data sets".

What is World Bank Open Data?

Technically Open

Data on development and Bank operations centrally available in searchable, reusable electronic formats on **data.worldbank.org**

Available in the API




 DATABANK

 ADI (Excel) - ZIP (23.3 MB)

 ADI (CSV) - ZIP (12.6 MB)



Gender

  DOWNLOAD DATA  SHARE

Women's empowerment and the promotion of gender equality are key to achieving sustainable development. Greater gender equality can enhance economic efficiency and improve other development outcomes by removing barriers that prevent women from having the same access as men to human resource endowments, rights, and economic opportunities. Giving women access to equal opportunities allows them to emerge as social and economic actors, influencing and shaping more inclusive policies. Improving women's status also leads to more investment in their children's education, health, and overall wellbeing. Data here covers demography, education, health, labor force and employment, and political participation.

Indicator	Value
Adolescent fertility rate (births per 1,000 women ages 15-19)	54
Ratio of girls to boys in primary and secondary education (%)	97%
Maternal mortality ratio (modeled estimate, per 100,000 live births)	260
Proportion of seats held by women in national parliaments (%)	19%

Legally Open

A2I Policy for institutional openness. Data license: empowers users to take data and use it freely, with attribution.



Terms of Use for Datasets Listed in The V

Description

The World Bank strives to enhance public access to a publishes. The data are organized in datasets listed i

Open Data: Since Launch in April 2010



data.worldbank.org

Over 6 million visitors accessing 7,000 indicators on a site available in 5 languages
Microdata now available.



Improving knowledge through data access and use



Finances and Operations

World Bank Finances; AidFlows; first multilateral to publish to International Aid Transparency Initiative.



Improving transparency of the Bank's work



Apps and Maps

Over 30,000 project locations geo-coded in 142 IDA and IBRD countries mapped with development indicators



Improving results, accountability, and local engagement



Apps for Development

The first global technology contest of its kind, over 100 entrants: more from Africa than anywhere else



Improving innovation and creating new users and new impacts

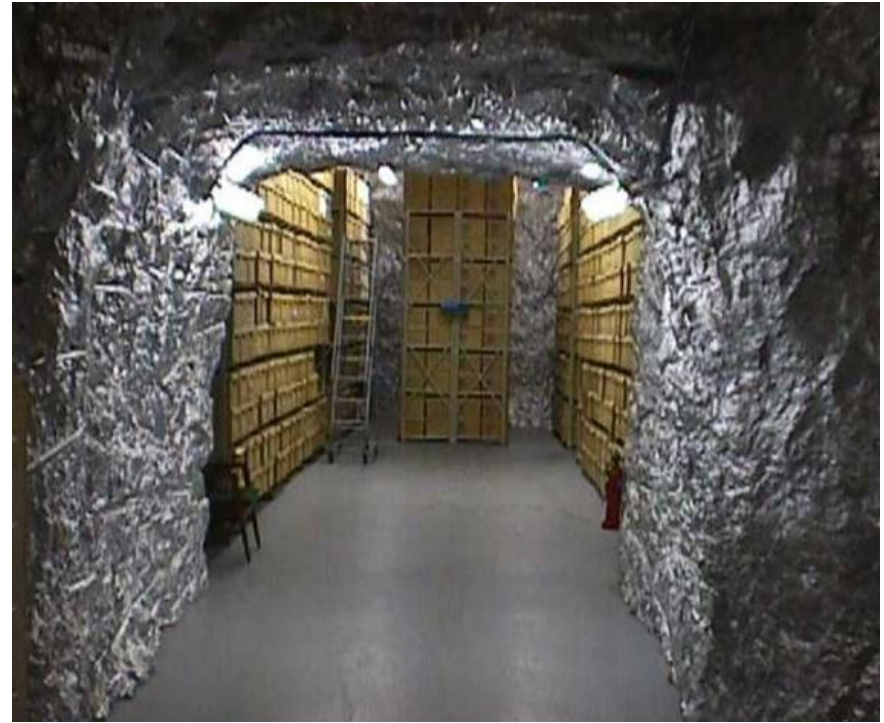
If you drive with me 6 hours north west of Washington, D.C., you get to a place that is difficult to believe it exists in the digital age.....

The Mine



Inside the Mine...

- **463 million pages** of paper records (193,000 linear ft.) dating back to 1946
- 200 oral history interviews
- 524 linear ft. photographic material
- 100 linear ft. film reels
- 30 linear ft. audio & video tapes
- 110,000 digitized Bank documents & reports
- Stacked, the boxes would reach **7 times** as high as Mt. Everest

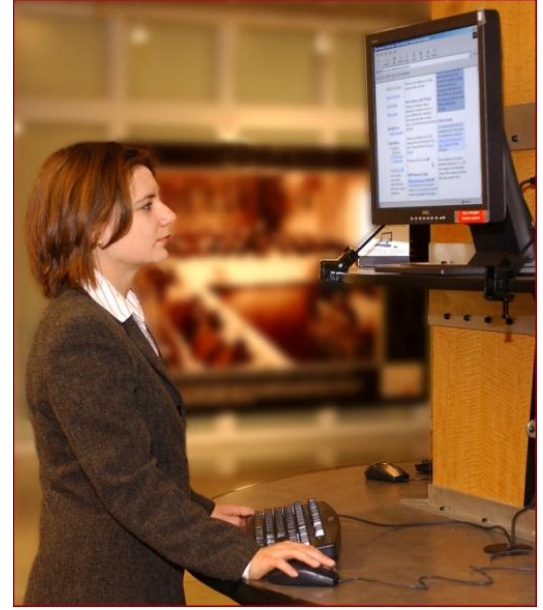


...and growing!

2010 Access to Information Policy



Before and After...



Information Capture and Curation

Paper world equivalent

Access to Information

Continued strong momentum since its launch in July 2010

- **28,000** documents disclosed on external web (total = 100,000+)
- **4 million** pages viewed
- **100,000** unique users/month
- **1,076** folders of records studied in Archives
- **98 %** of staff completed mandatory online training module



AMS 10.11
Management of
Records - revised



“The World Bank’s Access to Information Policy is the gold standard for financial institutions” ~ BIC

Our Fonds

www.worldbank.org/archives



The screenshot displays the World Bank Archives website. At the top, there is a navigation bar with links for Home, Site Map, Index, FAQs, and Contact Us. Below this is a secondary navigation bar with links for About, Countries, Data & Research, Learning, News, Projects & Operations, Publications, and Topics. The main header features the word "Archives" in a large, bold font, accompanied by a search bar with a dropdown menu set to "Archives" and a "GO" button. The breadcrumb trail reads "Home > About Us > Archives > Numerical List of Fonds of IBRD/IDA Reco...". On the right side of the breadcrumb trail, there are icons for Email and Print. A left-hand sidebar contains a menu with expandable sections: History, Chronology, Access to Archives Holdings, Special Archives Projects, and Web Archives. Below these is a "Site Tools" section with a link to "Access to Information Request Form". The main content area is titled "Numerical List of Fonds of IBRD/IDA Records of the World Bank Group" and contains a table of records. Each record entry includes a unique identifier (e.g., WB IBRD/IDA 01), a description of the records, and two links: "View" and "Description".

Record ID	Description	View	Description
WB IBRD/IDA 01	Country Operational Files, 1946-1998	View	Description
WB IBRD/IDA 03	Records of the Office of the President	View	Description
WB IBRD/IDA 04	Records of General Vice Presidents and Managing Directors	View	Description
WB IBRD/IDA 05	Records of the Africa Regional Office	View	Description
WB IBRD/IDA 06	Records of the East Asia and Pacific Regional Office	View	Description
WB IBRD/IDA 07	Records of the South Asia Regional Office	View	Description
WB IBRD/IDA 08	Records of the Europe Regional Office	View	Description
WB IBRD/IDA 09	Records of the Latin America and Caribbean Regional Office	View	Description
WB IBRD/IDA 10	Records of the Middle East and North Africa Regional Office	View	Description
WB IBRD/IDA 23	Records of the Office of External Affairs	View	Description
WB IBRD/IDA 27	Records of the Agriculture and Rural Development Sector	View	

The Electronic Mine

Documents & Reports



- 122,000+ documents available to the public
- More than 100,000 unique users per month
- Available in multiple languages
- 800,000 documents downloaded during FY11

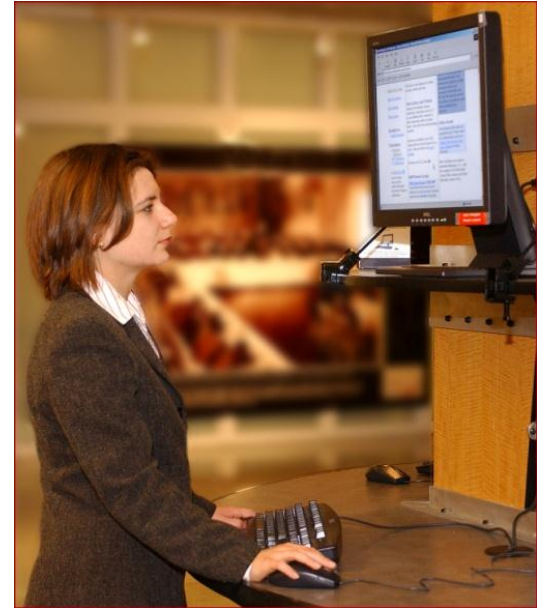
Greatest Hits!

Our Popular Research Topics

- Aswan Dam. Source: Fonds I Country Operational Files, 1946-1998, Egypt
- Bell Report and Bernard Bell. Source: Fonds 43 Records of Individual Staff Members, Sub-fonds 2 Bernard Bell
- Colombia early project loans. Source: Fonds I Country Operational Files, 1946-1998, Colombia
- Development Committee. Source: Fonds 47 Records of the Development Committee
- Indus Basin. Source: Fonds I Country Operational Files, 1946-1998, Indus Basin
- McNamara, Robert S. Source: Fonds 3 Records of the Office of the President, sub-fonds 4 McNamara, Fonds 59 Photo Service Records
- Onchocerciasis / Riverblindness. Source: Fonds I Country Operational Files, 1946-1998, Upper Volta (Burkina Faso) and others, Fonds 59 Photo Service Records

e-Archives Project

- Dissemination of public records
- Original context in a virtual experience
- Global access regardless of location
- Shared knowledge and information
- Enhanced transparency and accountability



Objectives

1. To provide easy access to public records from the Archives of the World Bank to interested parties around the world
2. Ensure appropriate adherence to Access to Information Policy in the dissemination of records online
3. Guarantee that records are presented in a manner which communicates the context and original order of records clearly

Web 3.0? Semantic Web

- Extracting information from unstructured data
- The Semantic Web offers a way to share and integrate data in a distributed, machine-understandable way.
- We are exploring Semantic Web technologies and capabilities and their potential for information access, sharing, and integration.



EXT Open Knowledge Repository

- The Bank's 'Open Access' repository – launch due 2012
- Collection/curation of Bank research in an 'Open' repository:
 - 'Formal' publications of the World Bank
 - 'Informal' publications of the Bank, e.g. Working Papers, Economic Sector Work
 - Externally published Bank research, e.g. Book chapters
- 'Open' repository allows the Bank to join growing number of Institutional Repositories:
 - Easily discoverable, e.g. Google Scholar,
 - Conforms to Open Access standards for metadata and metadata harvesting, e.g. Open Access search engines
 - Provides a site optimized for low bandwidth countries
 - Provides content in a reusable format with liberal reuse conditions

Open Data, Open Information: A public good for the public good



Thank you!

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<http://www.worldbank.org/WBAccess>

I am grateful to Shaida Badiee and team (DEC) for the Open Data slides and to Carlos Rossell and team (EXT) for the Open Knowledge slides.