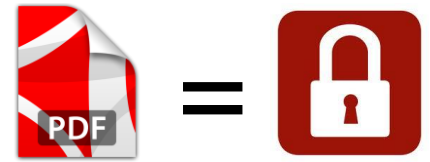




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Open Data and Partnership
ADS 579 – Development Data
Professional Services Council
November 3, 2014



Open Data:

“Publicly available data that is structured in a way that enables the data to be fully discoverable and usable by end users.”

Accessible: Convenient, non-proprietary, machine-readable formats
(e.g. CSV, JSON, XML)

Described: Fully documented; limitations and processing instructions explained
(e.g. data dictionaries, code books, tutorials)

Reusable: No restrictions on use

Complete: Highest level of granularity practicable
(e.g. latitude / longitude, individual survey responses)

Timely: Made available when data is of greatest use and updated regularly

Managed Post-Release: Point of contact assigned to continue updates and respond to queries

And most importantly . . . Public



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THE VALUE OF OPEN DATA



USG

**GIS Data
Weather Data**



Mapping
Software



Handheld
Weather Apps



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**Drought Data
Crop Price Data**



Famine Supply
Positioning



Mobile App to
Maximize Crop Income



Your
Organization

**Be part of the next
innovation . . .**



OPEN DATA: GLOBAL CONTEXT



United Nations - Data Revolution Advisory Group

- August 2014 - To “close data gaps and to strengthen national statistical capacities” in support of the post-2015 development agenda



International Aid Transparency Initiative

- November 2011 – USG as signatory, to “improve the transparency of aid, development and humanitarian resources” via a common standard for the publication of aid information (via www.foreignassistance.gov)



Open Government Partnership

- September 2011 – USG as member, to “foster a global culture of open government that empowers and delivers for citizens.”



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OPEN DATA: U.S. CONTEXT



“My Administration is committed to creating an unprecedented level of openness in Government. We will work together to ensure the public trust and establish a system of transparency, public participation, and collaboration.”

- President Barack Obama
Memorandum on Transparency and Open Government
January 2009



“To promote continued job growth, Government efficiency, and the social good that can be gained from opening Government data to the public, the default state of new and modernized Government information resources shall be open and machine readable.”

- President Barack Obama
Executive Order -- Making Open and Machine Readable the New Default for Government Information
May 2013



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WHY OPEN DATA

1. Improved Development Outcomes

- Data sharing as the hallmark of the collaboration, learning, and adapting that leads to improved programming

2. Host Country Relationships

- Many countries where USAID operates are members of the Open Government Partnership, also making similar open data commitments

3. Untapped Economic Value

- Global market potential estimated in the trillions of dollars

4. USAID's Evaluation Policy

- Requires USAID evaluation data to be stored in central database

5. Executive Order / OMB Policy (M-13-13) on Open Data

- Makes USG data open to the public by default

WHAT

USAID's Open Data Policy:

- 1. Defines USAID's Data Governance Structure**
 - Information Governance Committee (InfoGov). Executive level committee to ensure Agency-wide coordination.
- 2. Requires Partners to Submit USAID-Funded Data to the Development Data Library (DDL)**
 - Submission mechanism at www.usaid.gov/data
- 3. Outlines Standard Data Clearance Process**
 - Reviews for privacy, personal security, and operational sensitivity, etc.
- 4. Creates Data Stewards in Every USAID Operating Unit**
 - Local policy expert; provides guidance on data clearance.

HOW

1. Procurement Language

- **Effective for contracts, grants, cooperative agreements as of October 1, 2014. Bilateral modifications being issued for existing awards:**

The Contractor / recipient must submit to the Development Data Library (DDL), at www.usaid.gov/data, in a machine-readable, non-proprietary format, a copy of any Dataset created or obtained in performance of this award, including Datasets produced by a subcontractor at any tier.

2. CORs / AORs Confirm Data Submission to DDL

- Should also include data as a deliverable in contracts whenever possible

3. Data Stewards Guide Operating Units on Policy Implementation

- Continue socializing the open data mandate
- Serve as subject matter experts on open data



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USAID IMPLEMENTING PARTNER NOTICES (IPN) PORTAL

“The single point where USAID posts proposed universal bilateral modifications / amendments for awards, which can be accessed electronically by registered partners and A&A specialists.”

Acquisition: <http://bit.ly/1zRuKaJ>

Assistance: <http://bit.ly/1ud8ndq>





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WHAT DATA?

1. Definition of “Dataset”

- Organized collection of structured data, including data contained in spreadsheets, whether presented in tabular or non-tabular form (e.g. single spreadsheet, an extensible mark-up language (XML) file, a geospatial data file, or an organized collection of these).

2. Data Supporting “Intellectual Work”

- Works that “document the implementation, monitoring, evaluation, and results of international development assistance activities.”

3. Examples

- Baseline Household Surveys
- Facility Surveys
- Monitoring Data*
- School Attendance Data
- Cluster Samples
- Economic Assessments

4. Excluded

- Unstructured data (PDF files, word processing docs, graphics, emails, etc.)
- Data incidental to award administration (administrative, operations management, cost/pricing)
- *Monitoring data uploaded to existing USAID portfolio management systems
- Proprietary or classified data, personally identifiable information (PII)



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WHERE: www.usaid.gov/data

www.usaid.gov/data

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USAID LEADERSHIP

WHO WE ARE WHAT WE DO WHERE WE WORK RESULTS & DATA NEWS & INFORMATION WORK WITH USAID

HOME » OPEN GOVERNMENT » DEVELOPMENT DATA LIBRARY (DDL)

DEVELOPMENT DATA LIBRARY (DDL)

The Development Data Library (DDL) is USAID's public repository of Agency-funded, machine-readable data. The DDL is part of USAID's commitment to evidence-based decision-making, rigorous evaluation, while supporting the principles of the President's Digital Government Initiative.

Please see the [DDL Submissions page](#) for instructions on submitting data to the DDL.

Do you have feedback on any of these datasets or APIs? Please [email USAID staff](#) or submit to the [USAID Github](#) account.

Please read the brief statement below about the conditions under which USAID's data are released.

To save a file, right click and select save.

Don't know how to read an XML file?

- Save file in XML format
- Open Excel. On the DATA tab, in the Get External Tab section, click on "From Other Source".
- A dialogue box appears with a question about letting EXCEL create the Schema. Click Yes.


OUR DATA	DATA
AidData 3.0	W
Baseline Study of Title II Development Food Assistance Programs in Uganda	W

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WHO WE ARE WHAT WE DO WHERE WE WORK RESULTS & DATA NEWS & INFORMATION WORK WITH USAID

HOME » OPEN GOVERNMENT » DEVELOPMENT DATA LIBRARY (DDL) » DDL SUBMISSIONS

DDL: SUBMISSIONS

USAID staff, as well as contractors, and recipients of USAID assistance awards (e.g. grants and cooperative agreements) in accordance with the terms and conditions of their awards must submit Datasets to the Development Data Library (DDL).

Please provide the following to register your dataset with the DDL. Upon submitting this form, you will be contacted by our staff with additional instructions for transmitting the dataset.

Please do not submit classified data or data containing personally identifiable information, such as social security numbers, home addresses, and dates of birth. Such information must be removed prior to submission.

Datasets must be submitted in machine-readable, non-proprietary formats such as .csv or .xml.

USER REGISTRATION

Last Name *

Last name of the person submitting the data.

First Name *

First name of the person submitting the data.

Organization *

The name of the organization receiving the prime award.

USAID Operating Unit *

Afghanistan
Africa - East Regional
Africa - South Regional
Africa - West Regional

The name of the USAID operating unit funding the data.

Award Number *

The award number under which the data was created or collected (e.g. HFP-C-00-01-00002).

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COMPLIANCE
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ACCESSIBILITY

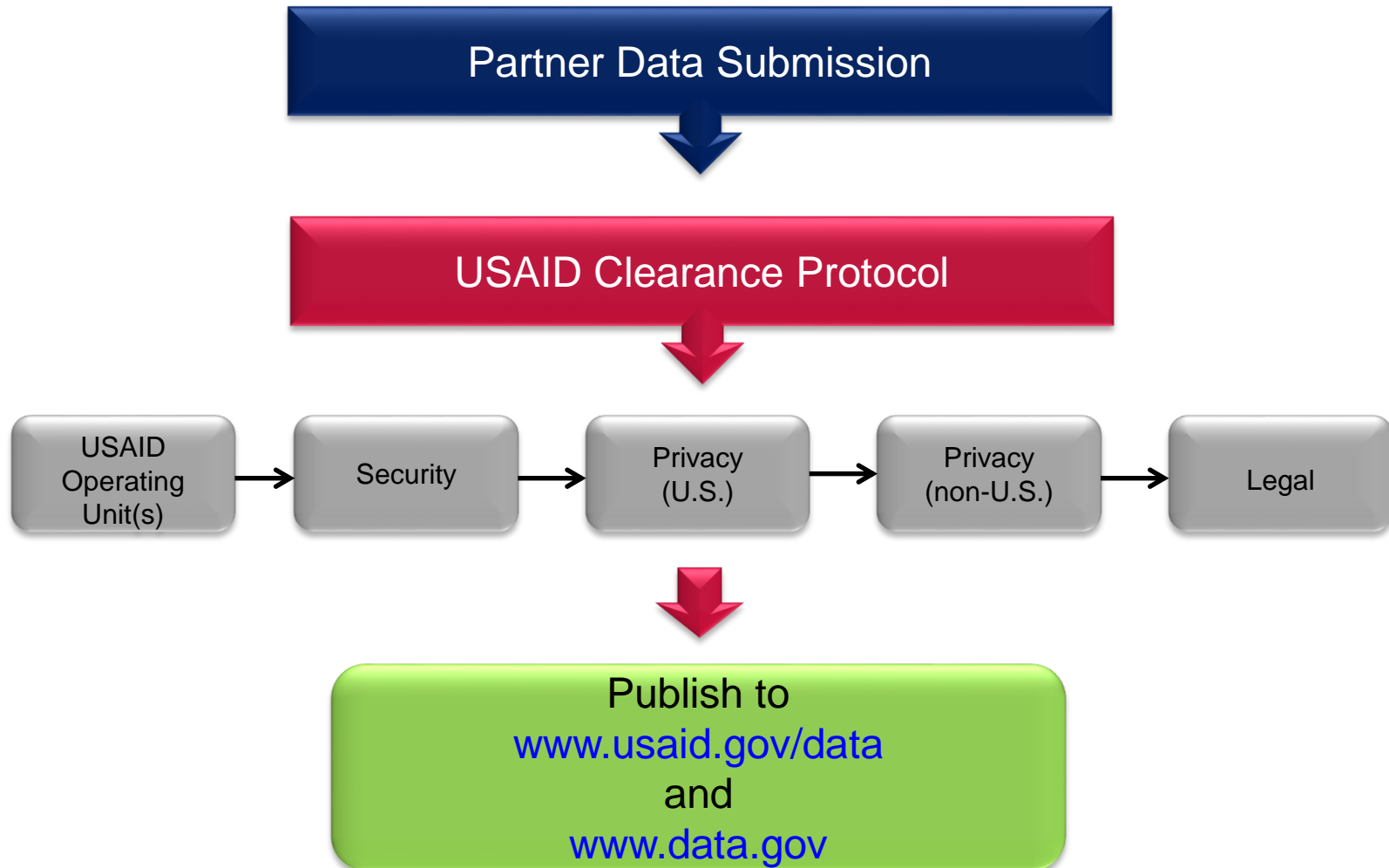
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DATA CLEARANCE AND PUBLICATION



Role of the U.S. Global Development Lab

Some of the Lab's goals:

- Build evidence for decision making
- Support better analysis and research
- Engage the research and academic communities
- Promote the access to and use of Open Data
 - Turn data into an asset

The Challenge:

- Opening data is not easy
- Finding the data sets is not straightforward
- The demand signal is unclear and amorphous
- Supply and demand are poorly aligned



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One Possible Solution:

Data Grants: A way to better align the supply with the demand

A “Request for Data” (RFD) that asks:

- What data do you want?
- What data do you have where you would like more insight?
- What do you want to do with it?
- What new knowledge do you want to create?
- How will you share that learning?

We need your input:

You are both a source of and consumer of development data

- We need your input to design this RFD
and
- To populate the DDL with high-quality data sets
- Provide input at: <http://bit.ly/AIDdatagrants>



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USAID RESOURCES

Policy Announcement: <http://1.usa.gov/1tF8COg>

Policy: <http://1.usa.gov/1zi21Mc>

Fact Sheet: <http://bit.ly/ADS579onepager>

Implementing Partner Notices Portal - Acquisition: <http://bit.ly/1zRuKaJ>

Implementing Partner Notices Portal - Assistance: <http://bit.ly/1ud8ndq>

OTHER RESOURCES

Executive Order on Open Data: <http://1.usa.gov/1hChkTn>

OMB Open Data Policy: <http://1.usa.gov/1iQkPd6>

Project Open Data: <http://bit.ly/IFV7XR>



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How can I contribute to this discussion?



StackExchange (general questions):

<http://bit.ly/1FSzL3t>



GitHub (technical questions):

<http://bit.ly/1DqewSB>



Email:

opendata@usaid.gov



Data Grant Survey:

<http://bit.ly/AIDdatagrnt>

Questions?

Brandon Pustejovsky
Chief Data Officer

Jerry O'Brien
Director, Center for Data,
Analytics and Research