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The U.S. Government's Global Hunger & Food Security Initiative



USAID's Open Data Policy
ADS 579 – Development Data

Feed the Future Innovation Labs Meeting
21APR2015 Malawi



Purpose

- Provide guidance for the submission of research data and implementation of the ADS 579 requirement for Feed the Future Innovation Lab implementing partners.
- Discuss questions and concerns you have about ADS 579.



Outline

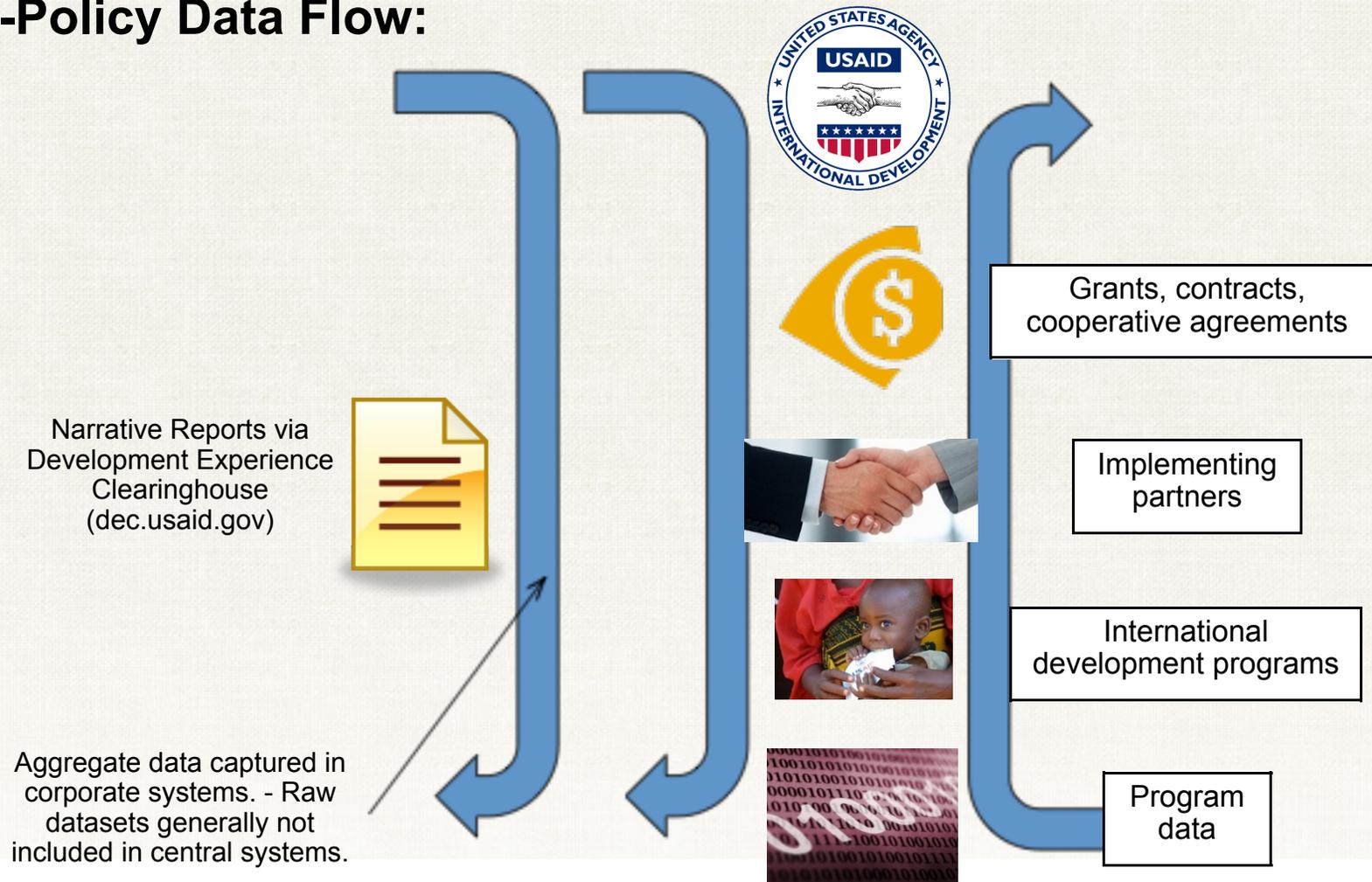
1. Background on ADS 579
2. ADS 579 process
3. Exceptions to the Open Data Mandate
4. Data Sharing Plan
5. Resources
6. Q&A



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Pre-Policy Data Flow:





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ADS 579 (USAID Development Data)

-USAID's implementation of [Executive Order 13642](#), "Making Open and Machine Readable the New Default for Government Information," and the [White House Office of Science and Technology Memorandum](#), "Increasing Access to the Results of Federally Funded Scientific Research."



WHAT

USAID's Open Data Policy:

1. **Defines USAID's Data Governance Structure**
 - Information Governance Committee (InfoGov). Executive level committee to ensure Agency-wide buy-in and coordination.

1. **Establishes Data Submission Mechanism via the Development Data Library (DDL)**
 - Repository of USAID-funded data at www.usaid.gov/data

1. **Outlines Standard Data Clearance Process**
 - Reviews for privacy, personal security, and operational sensitivity, etc.

1. **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 issued on or after 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.

1. **CORs / AORs Responsible for Ensuring Data Submission to DDL**

- Should include data as a deliverable in contracts whenever possible

1. **Data Stewards Guide Operating Units on Policy Implementation**

- Continue socializing the open data mandate
- Specialized training



WHAT DATA?

1. **Definition of “Dataset”**

- o 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).

1. **Data Supporting “Intellectual Work”**

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

1. **Examples**

Field Trial data

Monitoring Data *

Laboratory data

Data supporting Genetically Engineered products

1. **Excluded**

- o Unstructured data (PDF files, word processing docs, graphics, emails, etc.)
- o Data incidental to award administration (administrative, operations management, cost/pricing)
- o *Monitoring data uploaded to existing USAID portfolio management systems
- o 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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DEVELOPMENT DATA LIBRARY (DDL): SUBMISSION FORM

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).

For questions about USAID's open data policy, [Automated Directives System \(ADS\) 579 – USAID Development Data](#), please consult our [Frequently Asked Questions](#). We also invite you to post general questions on [StackExchange](#) and technical or bug-related questions on [GitHub](#) so that we can provide a response for public benefit. You are also welcome to email USAID's open data team.

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.

Q&A on StackExchange

Ask general questions

The Development Data Library (DDL) is a publicly funded, machine readable data. The evidence-based programming and principles of the President's Open Government Policy.

Open source on GitHub

Log bugs; provide technical feedback

In October 2014, USAID announced policy, [Automated Directives System \(ADS\) 579 – USAID Development Data](#). For more information on this [Questions](#) page. Please click on the [DDL Submission Form](#) to submit your data with the DDL.

DDL Submission Form

Do you have feedback on any of the data below? We invite you to post general bug-related questions on [GitHub](#) so that we can provide a response for public open data team.

OUR DATA

AidData 3.0

Baseline Study of Title II Development Food Assistance Programs in Uganda

Baseline Study of Title II Development Food Assistance Programs in Niger

Baseline Study of Title II Development Food Assistance Programs in Guatemala

Demographic and Health Surveys STATcompiler

Development Credit Authority Guarantee Data: Loan Transactions - Dictionary [pdf 249kb]

Development Credit Authority (DCA) Data: Guarantee Utilization and Claims - Dictionary [pdf 209kb]

Development Experience Clearinghouse (DEC)

Dollars To Results

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Exceptions to the Open Data Mandate

- Falls under one of the “principled exceptions to the presumption of openness” established in OMB 12-01, “Guidance on Collection of U.S. Foreign Assistance Data.” (see ADS.579.3.2.2)
- It will be the responsibility of the investigators, their IRB, and their institution to protect the rights of participants and the confidentiality of their data. Data should be **redacted** to remove all individual identifiers.



When will data be shared?

- Public access to datasets determined by the nature of the data collected.
- Timing of public access will be specified in your **Data Sharing Plan**.

DATA TYPE	EXAMPLES	PLATFORMS	SUGGESTED TIMELINE
Genetic/Genomic/Sequence data	Genomic sequences	NCBI and species-specific databases	Up to 12 months after data generation or 60 days after acceptance for publication; whichever comes first
Genetic/Genomic/Sequence data	SNPs, QTLs and the underlying phenotypes	Appropriate databases (e.g. Integrated Breeding Platform)	Up to 60 days after acceptance for publication
Field Trial Data	Agronomic data	Database suggested by partner then approved by AOR; data outside project scope & not applicable to existing database goes to DDL	Peer reviewed publication including supplemental data at specified timeframe
Household and Socio-economic data	Income (Farm and Off-farm)	Database suggested by partner then approved by AOR; data outside project scope & not applicable to existing database goes to DDL	Peer reviewed publication including supplemental data or within 60 days after submission of annual report reporting evaluation findings
Data supporting genetically engineered products	All data related to genetically engineered products	None specific to biotech	Within 60 days after publication of patent application.



Data Sharing Plans

MUST CONTAIN:

- List and description of data deliverables, formats and standards used.
- List of potential repositories or websites for data sharing.
- Plan for dissemination of data.
- Timing of data submission and public access.
- A description of policies for data sharing and public access.
- A description of the roles and responsibilities of all partners involved with respect to the management of the data.



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Reports

Annual Reports must include information about progress made in data management and sharing of research products.

Final Reports must include an index of all Datasets, publications, and Intellectual Property generated from the award, and a list of DDL submissions.



USAID RESOURCES

Frequently Asked Questions: www.usaid.gov/data/frequently-asked-questions

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?

Contact your AOR or Bureau for Food Security Data Steward (Zachary Baquet, zbaquet@usaid.gov)





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Questions?



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What Data to Submit

'Data' is defined as the digital recorded factual material commonly accepted in the scientific community as necessary to validate research findings to support scholarly publications and reports submitted to USAID.

Data and the **supporting documentation** (Metadata) should be submitted to a publicly accessible database or to DDL.



General Categories of Research Data from Feed the Future projects

- Genetic/Genomic/Genome sequence data
- Field Trial data
- Laboratory data
- Household and Socio-economic data
- All data supporting Genetically Engineered products
- Software programs and analytical tools developed in USAID-funded projects

Data Format

- Machine readable and consistent with extant, commonly used standards



Dataset Access Levels

- Public – available to all without restrictions
- Restricted Public – dataset is available under certain use restrictions.
- Non-Public – dataset is not available to members of the public. Only available for internal use.

Any restrictions on data sharing should be discussed in the Data Sharing Plan and will be considered by the AOR.