



Open Government and Implications for DOE



Karen Spence, Assistant Director

**U.S. Department of Energy
Office of Scientific and Technical Information**

March 2, 2010

DOE'S STI PROGRAM



Department of Energy

OPEN GOV



- OSTI coordinates with POCs across the complex
- DOE R&D results are:
 - Collected from DOE offices, labs, and facilities, as well as university grantees;
 - Preserved for re-use; and
 - Made accessible via multiple web outlets.
- Interagency and international exchanges/partnerships leverage access and use of DOE R&D results



OSTI works to ensure that:

- DOE-supported research results are shared globally plus
- DOE-supported researchers have access to scientific discoveries from around the world



Home • Briefing Room • Presidential Actions • Presidential Memoranda

Search (ctrl+shift+u) 398

Search

MEMORANDUM FOR THE HEADS OF EXECUTIVE DEPARTMENTS AND AGENCIES

SUBJECT: Transparency

“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. Openness will strengthen our democracy and promote efficiency and effectiveness in government. Government should be transparent. Transparency provides accountability and provides information for citizens about what their Government is doing. My Administration will ensure that the public can readily find and use. Executive departments and agencies should harness new technologies to put information and data on the Web. Executive departments and agencies should also solicit public feedback to identify information of greatest use to the public. Government should be participatory. Public engagement enhances the Government’s effectiveness and improves the quality of its decisions. Executive departments and agencies should offer Americans increased opportunities to participate in policymaking and to provide their Government with the benefits of their collective expertise and information. Executive departments and agencies should also solicit public input on how we can increase and improve opportunities for public participation in Government. Government should be collaborative. Collaboration actively engages Americans in the work of the Government. Executive departments and agencies should use innovative tools, methods, and systems to cooperate among themselves, across all levels of Government, and with nonprofit organizations, businesses, and individuals in the private sector. Executive departments and agencies should solicit public feedback to assess and improve their level of collaboration and to identify new opportunities for cooperation.”

-President Barack Obama, January 21, 2009



BLOG POSTS ON THIS ISSUE

Lobbyists Rush to Hold the Floodgates

January 21, 2009 3:15 PM EST

Opening the Floodgates to Public Records

Posted Online

January 27, 2010 11:00 AM EST

Putting Washington at the Service of the Middle Class

VIEW ALL RELATED BLOG POSTS >

STAY CONNECTED



facebook



YouTube



Twitter



Vimeo

PRINCIPLES OF TRANSPARENCY AND OPEN GOVERNMENT



Department of Energy

OPEN GOV



- **Transparency**
- **Participation**
- **Collaboration**



- **Transparency promotes accountability and provides information for citizens about what their Government is doing.**
- **Executive departments and agencies should harness new technologies to put information about their operations and decisions online and readily available to the public.**
- **Executive departments and agencies should also solicit public feedback to identify information of greatest use to the public.**

openness

transparency

participation

collaboration



- **Public engagement enhances the Government's effectiveness and improves the quality of its decisions.**
- **Executive departments and agencies should offer Americans increased opportunities to participate in policymaking.**
- **Also solicit public input on how we can increase and improve opportunities for public participation in Government.**

openness

transparency

participation

collaboration



- Collaboration actively engages Americans in the work of their Government.
- Executive departments and agencies should use innovative tools, methods, and systems to cooperate among themselves, across all levels of Government, and with nonprofit organizations, businesses, and individuals in the private sector.

openness

transparency

participation

collaboration



- **Open Government Directive issued in December 2009.**
- **Designed to hardwire accountability and accessibility into government institutions.**

The Open Government Initiative includes

- **Datasets**
- **Open Government Webpage**
- **Citizen Engagement Comment Period**
- **Open Gov Citizen Engagement Tool Powered by IdeaScale**
- **Open Government Plan**



How is DOE Meeting these Challenges?

- DOE Commitment to Transparency
- DOE Support to DATA.gov
- DOE Support to Open Government Directive





- The purpose of Data.gov is to increase public access to high value, machine readable datasets generated by the Executive Branch of the Federal Government.
- Data.gov, launched May 2009 includes searchable data catalogs providing access to data in three ways: through the “raw” data catalog, the tool catalog, and the geodata catalog.

DISCOVER.
PARTICIPATE.
ENGAGE.

Search the following Data.gov catalogs:

- CSV
- XML
- KML
- GPH

"RAW" DATA CATALOG

TOOL CATALOG

GEODATA CATALOG

FEATURED DATASETS:

OPEN GOVERNMENT DIRECTIVE AGENCY DATASETS

On December 8, 2009, the White House issued an historic Open Government Directive (OGD), instructing Executive Departments to publish three high-value datasets online within 45 days. The Open Government Datasets showcase the high-value data sets agencies have published to fulfill the Directive and thereby increase accountability, promote informed participation by the public, and create economic opportunity.

VIEW THESE DATASETS

OPEN GOVERNMENT DATASETS
TRANSPARENCY . PARTICIPATION . COLLABORATION

Open Government Datasets



As of the end of February, DOE has submitted:

- 19 raw data files to the Data.gov catalog
- 10 widgets, 4 RSS feeds, and 2 data extraction tools to the Tools catalog



- DOE's 3 high value datasets are found at <http://energy.gov/open/8648.htm>
- These datasets are XML data services from Office of Scientific and Technical Information (OSTI):
 - *Information Bridge XML Data Service*
 - *Energy Citations Database XML Data Service*
 - *DOE R&D Project Summaries XML Data Service*



- The *Information Bridge* contains citations and full-text links for DOE research reports.
- The XML Data Service allows the downloading of the bibliographic citations in XML format that can be loaded into new or existing databases, providing increased access to DOE research.



www.osti.gov/energycitations

- The *Energy Citations Database* contains citations to DOE research and other energy-related research of interest to DOE.
- The XML Data Service allows the downloading of the bibliographic citations in XML format that can be loaded into other databases, providing increased access to energy-related research.



www.osti.gov/rdprojects

- The *DOE R&D Project Summaries* is a database containing records describing ongoing or recently completed projects performed by the DOE laboratories and research facilities.
- The XML Data Summaries allows the downloading of these records in XML format which can be used to create databases that will educate and inform the general public of the Department of Energy's Research & Development activities.



- **Agencies must publish three new high-value datasets on Data.gov.**
- **Agencies must coordinate with their Data.gov Point of Contact (POC) to showcase agency datasets on agency's /open webpage**



Upcoming XML Data Services

- **DOE Patents**



- **Geothermal Legacy**



OPEN GOVERNMENT CABINET COMMITMENTS



Department of Energy

OPEN GOV

- **Brand new open government initiatives launched by each of the Cabinet Departments.**

<http://www.whitehouse.gov/open/commitments>

- **Department of Energy's contribution: OpenEnergyInfo**
www.openEI.org



- **Bringing Energy Technology Information to the Public**
- **Launched December 9, 2009.**
- **Open-source web platform that will make DOE resources and open energy data widely available to the public.**
- **The data and tools housed on the free, editable and evolving wiki-platform.**
- **To be used by government officials, the private sector, project developers, the international community, and others.**

OPENENERGYINFO

AGENCIES MUST POST AN OPEN GOVERNMENT WEBSITE



Department of Energy
OPEN GOV

ABOUT DOE | ORGANIZATION | NEWS | CONTACT US

SEARCH GO

U.S. DEPARTMENT OF ENERGY

SCIENCE & TECHNOLOGY | ENERGY SOURCES | ENERGY EFFICIENCY | THE ENVIRONMENT | PRICES & TRENDS | NATIONAL SECURITY | SAFETY & HEALTH

QUICK CLICKS

- FOR CONSUMERS
- FOR RESEARCHERS
- FOR EDUCATORS
- FOR STUDENTS & KIDS
- FOR EMPLOYEES

STAY CONNECTED

- Facebook
- Flickr
- Vimeo
- YouTube

IN YOUR STATE

Choose One: GO

IN THE NEWS

Investing in Clean, Safe Nuclear Energy

Investing in Clean, Safe Nuclear Energy

★★★★★

00:00 / 10:42

Privacy info

President Obama announces more than \$8 billion in loan guarantees for two new nuclear reactors as part of the Administration's commitment to providing clean energy and creating new jobs.

SPECIAL FEATURES

ENERGY.GOV/RECOVERY

Learn more about what the Department of Energy is doing regarding the Recovery Act.

GO

OPEN GOVERNMENT

Access information from the Department of Energy and make your voice heard.

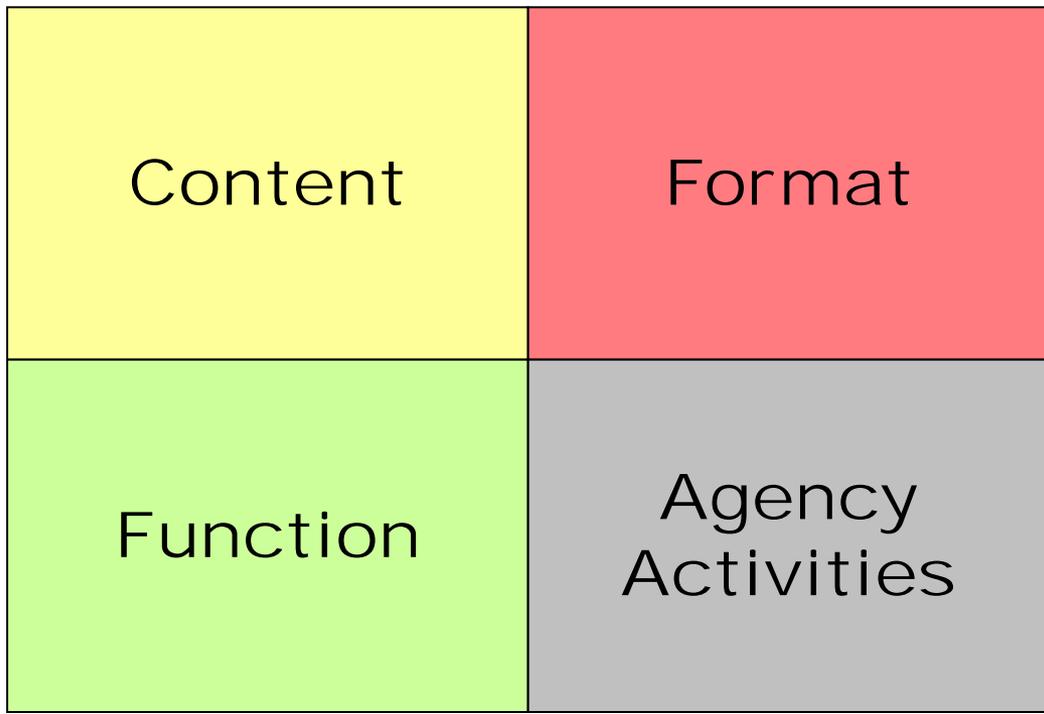
GO

REBATES FOR ENERGY-EFFICIENT APPLIANCES

Information on the forthcoming program that will allow eligible consumers to receive rebates to purchase new energy-efficient appliances when they



OpenGov Web Page





- Updates on ongoing activities.
- Links to high-value data sets published via Data.gov.
- Public engagement mechanism or links to online forum.
- Links to existing social media sites.
- Links back to federal sources of information related to the Directive.
- Contact information for relevant agency decision makers.
- Open Gov image that links to whitehouse.gov/open.
- Required documents and reports, including FOIA.
- Open Gov Plan (when available).



- **Whenever possible: use plain language, provide contextual information for data, and demonstrate how content is relevant for American citizens.**
- **Structure engagement opportunities so that requests for public input are clearly defined and presented with contextual information.**
- **Make information available through easily discoverable feeds, such as RSS, so the public can readily access the data as it is updated.**



- Provide regular opportunities for the public to contribute ideas and expertise that will inform government policy; describe how input will be incorporated into agency processes.
- Engage the public on: Open Government Plan, the Flagship Initiative(s), data-sets that can be made publically available, and processes for increasing agency transparency and accountability.
- When appropriate, include technologies for receiving alerts to recent webpage updates or new engagement opportunities (email updates, RSS, etc.).



- Disseminate useful information.
- Solicit, review and respond to feedback.
- Encourage partnerships and cooperation.
- Encourage participation.
- Coordinate with OMB guidance.
- Review and revise agency policies.
- Incorporate Open Government Directive values.



U.S. DEPARTMENT OF ENERGY

SCIENCE & TECHNOLOGY

ENERGY SOURCES

ENERGY EFFICIENCY

THE ENVIRONMENT

PRICES & TRENDS

NATIONAL SECURITY

SAFETY & HEALTH

OPEN GOVERNMENT INITIATIVE

You are here: DOE Home > Open Government Initiative

Open Government Initiative

Transparency > Participation > Collaboration



Your Government

From his first day in office, President Obama has pushed to make the federal government more open and more accessible to the American people. The Department of Energy is proud to be doing our part. In the past year, we have significantly expanded the amount of information available online about our programs, our funding awards, and our progress, as well as valuable data about energy production and consumption and trends within the energy industry. We have also used social media outlets such as [YouTube](#) and [my personal Facebook page](#) to engage the public directly and expand the national conversation on energy.



In December, the Administration directed federal agencies to take several additional steps to implement the principles of transparency, participation, and collaboration:

- **Transparency** promotes accountability by providing the public with information about what the government is doing.
- **Participation** allows members of the public to contribute ideas and expertise so that their government can make policies with the benefit of that information.
- **Collaboration** improves the effectiveness of government by encouraging partnerships and cooperation within the federal government, across levels of government, and between the government and private institutions.

You can find all of the steps we're taking in the full [Open Government Directive](#).

I encourage you to review the information on these pages and [share your ideas with us](#). I look forward to reading your thoughts and to incorporating them into our effort moving forward. As always, we will keep you posted on our progress.

-Secretary Steven Chu

High Value Data Sets

One way we are trying to encourage collaboration and increase transparency is through the release of high value data sets. This is information that the Department of Energy has amassed over the years that we think could be of great use to the general public. We will continue to expand this collection over the coming months and hope to utilize your feedback to help us select the most useful data sets moving forward.

Get Involved

Share Your Idea!

OPEN GOV

Data Sets

Department of Energy
DATA

Freedom of Information Act

[Submit a request](#)
[Frequently Requested Documents](#)
[Visit the FOIA reading room](#)
[Contact Information](#)
[Annual Report for 2009 \(.csv\)](#)
[Annual Report for 2009 \(.pdf\)](#)

Contact Us

Laurie Morman
Open Government Representative



Open February 6–March 19, 2010

Each /open webpage should include a mechanism for the public to:

- Give feedback on the quality of information published by the agency;
- Give feedback about the kinds of information the agency should prioritize for publication;
- Provide input into the creation of the agency's Open Government Plan.



All agencies have been granted an emergency waiver under the Paperwork Reduction Act to collect this information.

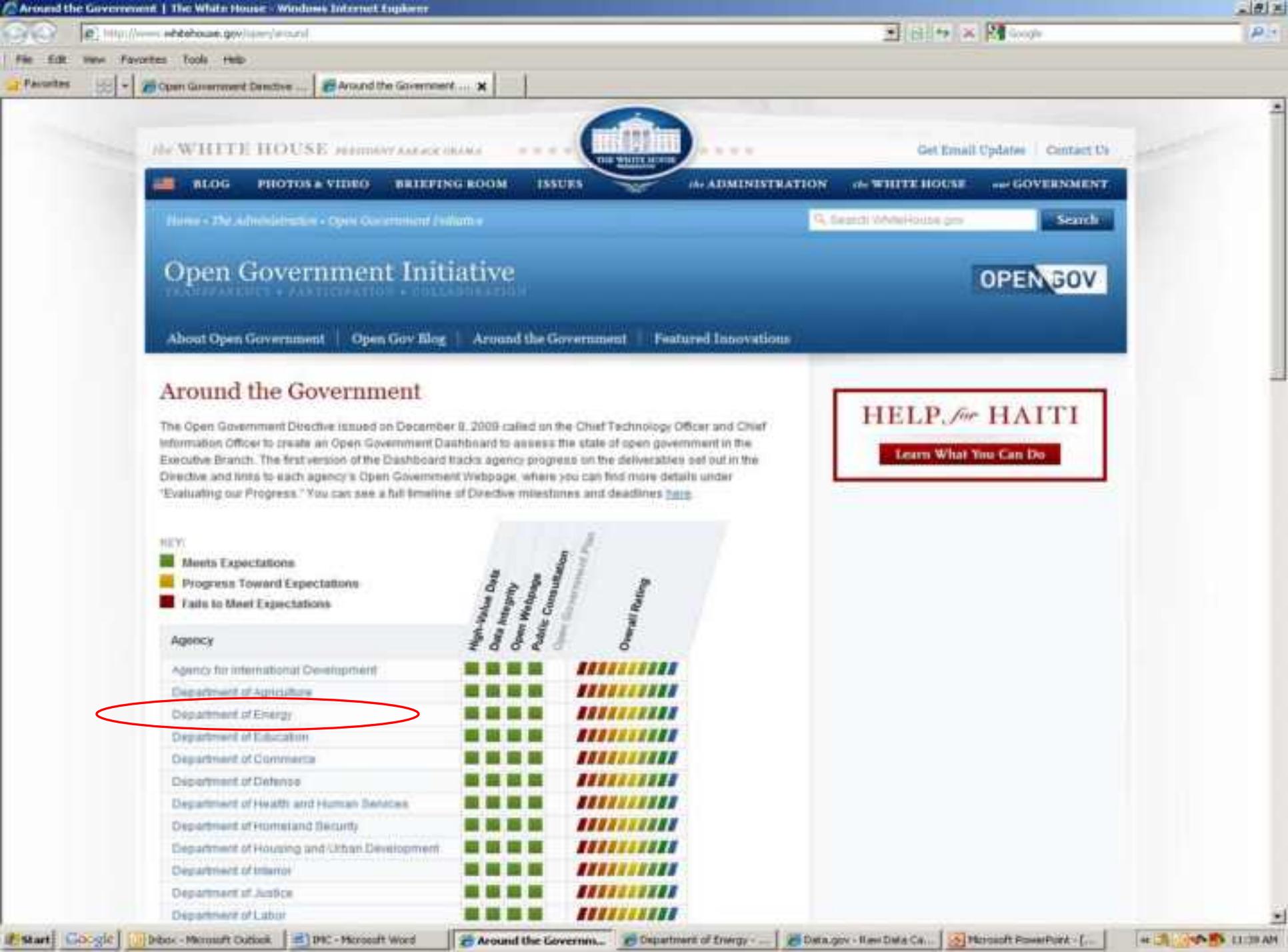


Agencies must publish their Open Government Plan on their /open webpage. Agencies should strive to use consistent language and placement when linking to their plans.

Directory of Agency Plans – to be published on whitehouse.gov after April 7, 2010



- **As part of the Directive, a dashboard will be created that will include information on agency progress and visualizations of the state of the open government in the Executive Branch.**
- **The Whitehouse.gov/open page will also be enhanced to aggregate and highlight agency Open Government Directive activities.**



Open Government Initiative

TRANSPARENCY • PARTICIPATION • COLLABORATION



About Open Government | Open Gov Blog | Around the Government | Featured Innovations

Around the Government

The Open Government Directive issued on December 8, 2009 called on the Chief Technology Officer and Chief Information Officer to create an Open Government Dashboard to assess the state of open government in the Executive Branch. The first version of the Dashboard tracks agency progress on the deliverables set out in the Directive and links to each agency's Open Government Webpage, where you can find more details under "Evaluating our Progress." You can see a full timeline of Directive milestones and deadlines [here](#).

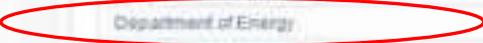
KEY:

- Meets Expectations
- Progress Toward Expectations
- Fails to Meet Expectations

Agency	High-Value Data	Data Integrity	Open Webpage	Public Consultation	Overall Rating
Agency for International Development	Meets	Meets	Meets	Meets	Meets
Department of Agriculture	Meets	Meets	Meets	Meets	Meets
Department of Energy	Meets	Meets	Meets	Meets	Meets
Department of Education	Meets	Meets	Meets	Meets	Meets
Department of Commerce	Meets	Meets	Meets	Meets	Meets
Department of Defense	Meets	Meets	Meets	Meets	Meets
Department of Health and Human Services	Meets	Meets	Meets	Meets	Meets
Department of Homeland Security	Meets	Meets	Meets	Meets	Meets
Department of Housing and Urban Development	Meets	Meets	Meets	Meets	Meets
Department of Interior	Meets	Meets	Meets	Meets	Meets
Department of Justice	Meets	Meets	Meets	Meets	Meets
Department of Labor	Meets	Meets	Meets	Meets	Meets

HELP for HAITI

Learn What You Can Do





Implications for DOE still to be determined

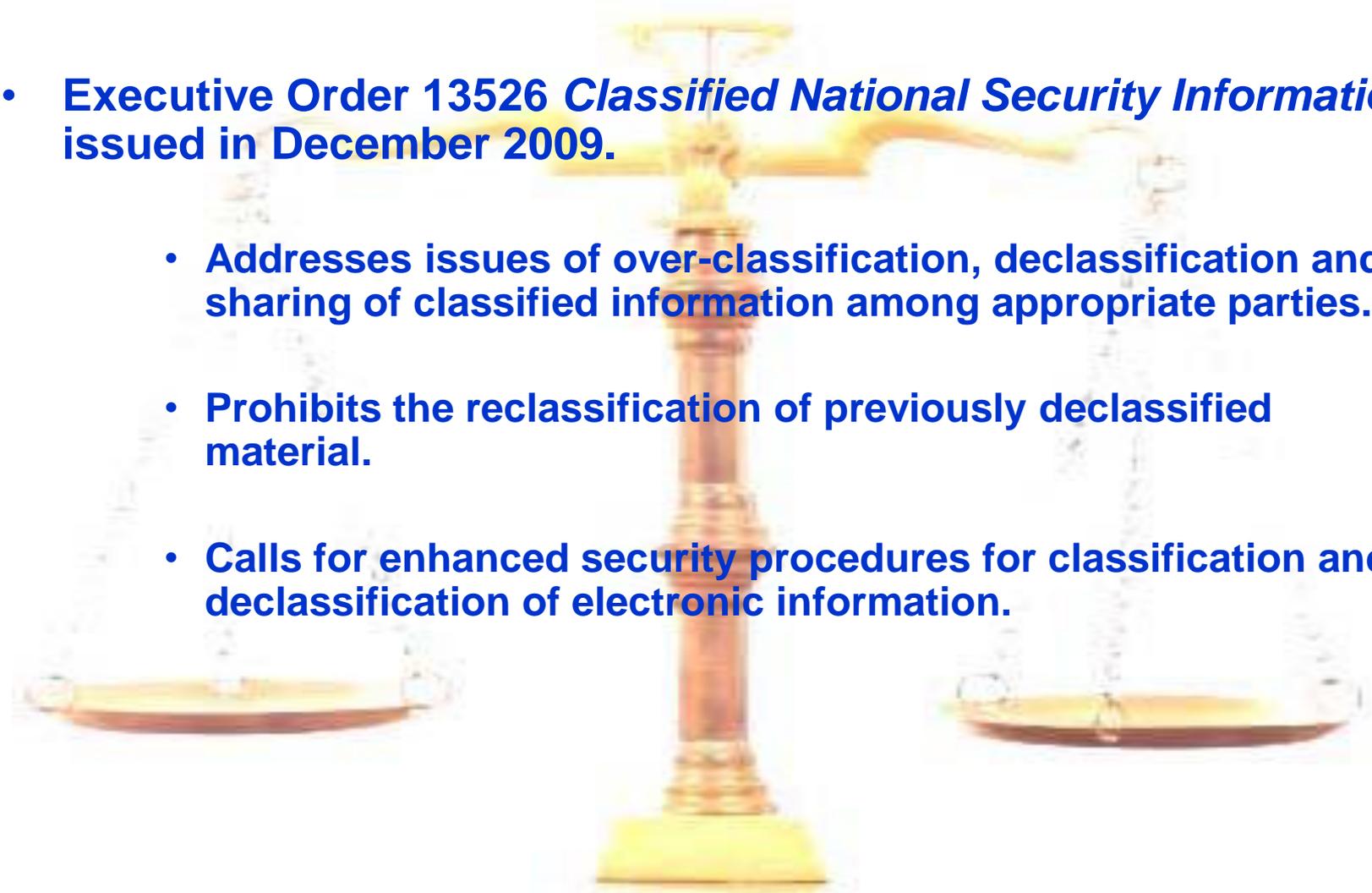
- **Federally Sponsored Research**
- **Classification Reform**

More to Come



- **December 2009: White House began seeking comments on improving public access to federally sponsored research.**
- **Three-stage request for information closed at the end of January.**
- **NIH model requires submission of electronic version of final peer-reviewed manuscript no later than 12 months after official date of publication.**
- **While there has not yet been action from the White House, all indications are that the Administration will support free access to federally sponsored research.**



- 
- **Executive Order 13526 *Classified National Security Information* issued in December 2009.**
 - **Addresses issues of over-classification, declassification and sharing of classified information among appropriate parties.**
 - **Prohibits the reclassification of previously declassified material.**
 - **Calls for enhanced security procedures for classification and declassification of electronic information.**



- **DOE Open Government Representative:**
Laurie Morman
Chief of Staff, Office of Management
open@hq.doe.gov
- **Coordinating with DOE/CIO:**
TheAnne Gordon, Associate CIO for Information
Technology Planning, Architecture, & E-Government
Janice Ausby, IT Capital Planning and Architecture
Division
- **Coordinating with DOE/OSTI**

Open
Government
Dialogue

WE'RE STILL
WORKING OUT
THE KINKS.

How
Hogsett



Contact Information:

Karen Spence
Assistant Director for Information Systems
U.S. Department of Energy
Office of Scientific and Technical Information
1 Science.gov Way
P.O. Box 62
Oak Ridge, Tennessee 37831
(865) 574-0295
spencek@osti.gov

