

# Enhancing Research Transparency for Office of Science Awards

*July 16, 2025*

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U.S. DEPARTMENT  
*of* **ENERGY**

Office of  
Science

[Energy.gov/science](https://energy.gov/science)

# Enhancing Research Transparency

- The DOE Office of Science (SC) is enhancing transparency in the basic research it sponsors in the physical sciences by making more information about our research awards publicly accessible
- Improved research transparency will promote scientific **collaboration** while building **trust** and fostering **accountability** with the American people
- Beginning July 12, public abstracts and public research performance progress reports submitted for SC grants and laboratory awards will be available online through SC Portfolio Analysis and Management System (PAMS)
  - Provides an opportunity for awardees to share highlights of their accomplishments and impact with the broader public
  - This webinar will focus on the changes in PAMS that enable this enhanced research transparency

# Changes to PAMS: Overview

- Public Progress Reports
  - Public Progress Report contents
  - Progress report task changes
- Laboratory Awards
  - Public Abstract submission
  - Public Award Search information
- Finding Public Abstracts and Progress Reports
- Future enhancements to PAMS
  - Product reporting
  - Laboratory Award progress reports

# Public Reporting of Scientific Progress

- SC Financial Assistance Award recipients must provide scientific and technical products and a public Final Technical Report to the Office of Scientific and Technical Information (OSTI)
  - Scientific and technical products include journal articles, conference proceedings, books, scientific data, and more
  - The [OSTI.gov](https://www.osti.gov) portal makes this information publicly available
- To complement these public products, PAMS now creates a public version of the required annual Progress Report for SC R&D awards
  - The guiding questions for completing an SC progress report are based on the interagency Research Performance Progress Report (RPPR) format
  - Information needed to create the DOE Progress Report and the Public Progress Report will be collected simultaneously as part of the updated annual progress report task in PAMS

# Progress Report Comparison

## DOE Progress Report

- Enables SC to assess if awardee have made satisfactory progress to justify continuing funding the award
- Includes all information from all RPPR sections as reported in PAMS
- May contain certain sensitive Personally Identifiable Information (PII) or proprietary information necessary to inform the agency's assessment

## Public Progress Report

- Intended for public dissemination to share scientific accomplishments, highlight research products, identify participants, and describe benefits to the nation
- Based on a combination of special fields intended for providing public-facing responses and select information provided in other fields
- Should not contain any sensitive PII or proprietary information



# Annual Public Progress Report Contents

- Only certain information provided in the annual progress report task in PAMS will become part of the Public Progress Report
- Each section of the Public Progress Report will be discussed in detail in the following slides

RPPR Section	Public Progress Report Contents	Source
Cover Page	Reduced to remove PII	✓ Automatic
Accomplishments	New dedicated public response box	★ New field
Products	Only public products	✓ Automatic
Participants and Collaborating Organizations	Aggregate information about participants, list of partner institutions	✓ Automatic
Impact	New dedicated public response box	★ New field
Changes/Problems	Not included	✗ N/A
Special Reporting Requirements	Not included	✗ N/A

# Cover Page

- ✓ Automatically generated, no change to data entry
- The Public Progress Report Cover Page will not include PII associated with the Principal Investigator (PI) or the small business owner
- This includes removing the PI contact information and the Employer Identification Number (EIN) of the awardee institution

**Progress Report - Cover Page**

The fields on this page are prepopulated with the exception of the Recipient Award Identification Number field and the Mark as Proprietary Information section. Under the Choose Action dropdown, select the Save option to retain the work you have completed so far and stay on this page. Alternatively, you can select the Save and Continue option to save your work and navigate to the next page. When you are finished, select the Mark as Complete option to change the status of this section to Complete. To complete this task, all sections must have the status of Complete. Click the Go to Previous Section button if you would like to return to the Status page. (- View Less)

► **Award Number: Award Title**

COVER PAGE	
Project Title: Descriptive Project Title	
Federal Award Identification Number: DE-SC0098765	
Agency Code: 8900	Organization: Office of Nuclear Physics
Recipient Award Identification Number: DE-SC0098765	Project Period: 12/15/2022 - 12/14/2027
Reporting Period: 12/15/2024 - 12/14/2025	Budget Period: 12/15/2024 - 12/14/2025
Report Term: Once per Budget Period	Submission Date and Time: N/A
Principal Investigator Information: Dr. Jane Roe	Recipient Organization: Generic Institution 123 Main Street East Lansing, MI 48824-2600 Country: USA UEI: 83452RP

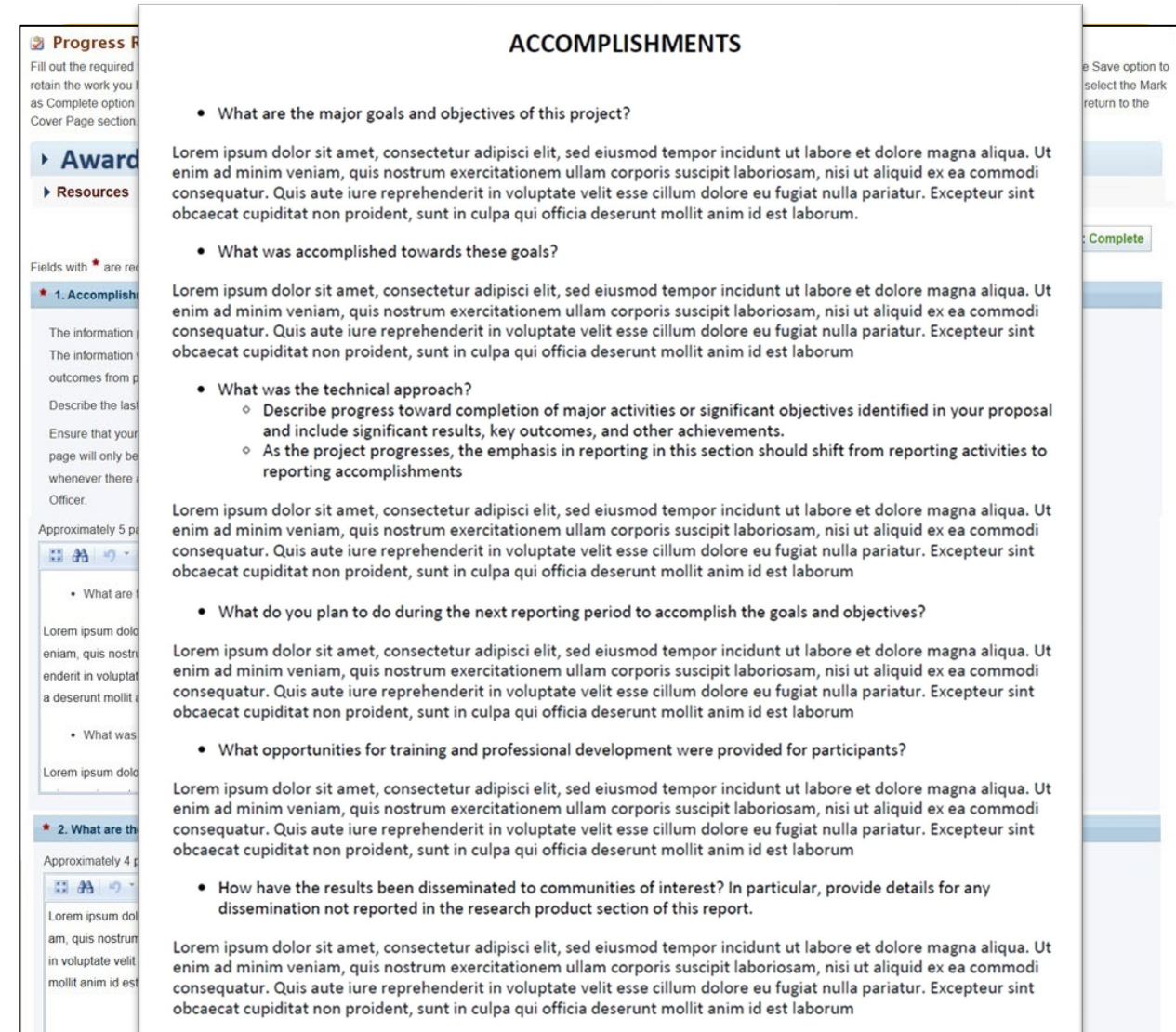
Address 123 Main Street  
EAST LANSING, MI 48824-0000  
Congressional District: 008

[Go to Previous Section](#) Choose Action [Go](#)



# Accomplishments

- ★ New dedicated public response box
- The text provided in the first response box in the Accomplishments section, labeled “1. Accomplishments: What was done? What was learned? (Response for public)” will be used verbatim to populate the Accomplishments section of the Public Progress Report
- Your response should communicate your accomplishments to all stakeholders and provide transparency on the outcomes from public funding of research
- The response box is prepopulated with questions to guide development of your report, but including the questions as headings in your response is optional
- All other response boxes in the Accomplishments section will only be used for the internal DOE Progress Report



**ACCOMPLISHMENTS**

- What are the major goals and objectives of this project?

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- What was accomplished towards these goals?

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- What was the technical approach?

  - Describe progress toward completion of major activities or significant objectives identified in your proposal and include significant results, key outcomes, and other achievements.
  - As the project progresses, the emphasis in reporting in this section should shift from reporting activities to reporting accomplishments

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- What do you plan to do during the next reporting period to accomplish the goals and objectives?

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- What opportunities for training and professional development were provided for participants?

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- How have the results been disseminated to communities of interest? In particular, provide details for any dissemination not reported in the research product section of this report.

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# Products

- ✓ Automatically generated, no change to data entry
- The Public Progress Report will be based on your complete list of products as reported in PAMS, but will only include products that have been reported as being publicly disseminated:
  - Journal Articles, Conference Paper/Presentations, Books, Book Chapters, and Other Publications reported as "Published"
  - Websites reported as products
  - Patents reported as "Granted"
- All other products reported in PAMS will only be used for the internal DOE Progress Report
  - Journal Articles that have not been published and patents that have not been granted **will not be made public**

**Progress Report - Products**

This page lists all products created during the course of your project. Product categories are Publications, Intellectual Property, Technologies or Techniques, and Other Products. Under each product section, any previous entries that were made can be edited or deleted. To do so, under the Options column, click the Actions/Views link and the Update or Delete link. To add a new product under the appropriate section, click the Add New Publication, Add New Intellectual Property, Add New Technology or Technique, or Add Other Product link above the section's grid. When you are finished, click the Mark as Complete button to change the status of this section to Complete. To complete this task, all sections must have the status of Complete. Click the Go to Previous Section button if you would like to return to the Accomplishments page. ([View Less](#))

## PRODUCTS

### PUBLICATIONS

#### Book:

Author Books, "Book Title", *Book Publisher*, Published, ISBN: 242454.

#### Book Chapter:

Author Chapters, "Book Chapter Title", *Book Title*, *Book Publisher*, Published, DOI: 10.1230/180.

#### Journal Article:

Author Journals, "Journal Article Title", *Journal Name*, Published, DOI: 15.43532/199.

#### Website:

"Website Title", *www.website.com*.

### INTELLECTUAL PROPERTIES

#### Patent:

Title: "Patent DS63486543"; Patent Office: United States (USA); Patent Number: PAT 63486543; Application Date/Status: 06/27/2023, Granted; Issued: 2025; Abstract: Patent Abstract

No other products to display

[Go to Previous Section](#)

[Continue](#) [Mark as Complete](#)



# Participants and Other Collaborating Organizations

✓ Automatically generated, no change to data entry

- The Public Progress Report will include an aggregated table of participants based on the information you enter in PAMS
  - The aggregate table will include the Number of People and the Total Person Months Worked for each Project Role
  - Any reported High School Student participants will appear under the "Other" Project Role label in the aggregate table
  - Participant names and contact information will not be made public
- A list of Partner institutions, including the organization name, city, state, and country, will be displayed in the Public Progress Report

**PARTICIPANTS AND OTHER COLLABORATING ORGANIZATIONS**

The table below only contains participants who have identified an affiliation with the Awardee Institution. Participants from any associated subawards may not be included in this count.

**PARTICIPANTS DETAIL**

Project Role	Number of People	Total Person Months Worked
Co-Investigator	1	1
Community College Faculty	1	6
Consultant	1	6
Faculty	1	3
Graduate Student (Research Assistant)	2	18
K-12 Teacher	1	1
Non-Student Research Assistant	1	6
Other	4	16
Other Professional	1	12
Postdoctoral (scholar, fellow or other postdoctoral position)	1	6
Principal Investigator/Project Director	1	12
Staff Scientist (doctoral level)	1	2
Technical School Faculty	1	3
Technical School Student	1	2
Technician	2	7
Undergraduate Student	1	6
<b>Total Responses</b>	<b>21</b>	<b>107</b>

**PARTNERS DETAIL**

Partner: Research Company, Washington, DC, USA



# Impact


- ★ New dedicated public response box
- The text provided in the first response box in the Impact section, labeled "1. Impact: What is the impact of the project? How has it contributed? (Response for public)" will be used verbatim to populate the Impact section of the Public Progress Report
- Your response should inform the taxpaying public and its representatives about how the investments they make benefit the nation
- The response box is prepopulated with questions to guide development of your report, but including the questions as headings in your response is optional
- All other response boxes in the Impact section will only be used for the internal DOE Progress Report

IMPACT	
<p><b>Progress Report</b> This page enables you to provide feedback on this page. Alternatively, you can provide feedback on this section to Complete.</p> <p><b>Award</b></p> <p><b>Resources</b></p> <p>Fields with * are required</p> <p><b>* 1. Impact: What is the impact of the project? How has it contributed? (Response for public)</b></p> <p>The taxpaying public will be made publicly available.</p> <p>Describe the last response.</p> <p>Ensure that your response is made publicly available.</p> <p>Approximately 5 pages</p> <p>What was the impact on the development of the principal discipline(s) of the project?</p> <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur. Quis aute iure reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint obcaecat cupiditat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p> <p>What was the impact on other disciplines?</p> <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur. Quis aute iure reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint obcaecat cupiditat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p> <p>What was the impact on physical, institutional, and information resources that form infrastructure?</p> <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur. Quis aute iure reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint obcaecat cupiditat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p> <p>What was the impact on technology transfer?</p> <ul style="list-style-type: none"><li>Describe ways in which the project made an impact, or is likely to make an impact, on commercial technology or public use.</li><li>Include transfer of results to entities in government or industry, instances where the research has led to the initiation of a start-up company, and adoption of new practices.</li></ul> <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur. Quis aute iure reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint obcaecat cupiditat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p> <p>What was the impact on society beyond science and technology?</p> <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur. Quis aute iure reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint obcaecat cupiditat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p> <p>What was the impact on the development of human resources?</p> <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur. Quis aute iure reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint obcaecat cupiditat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p> <p>What percentage of the award's budget was spent in foreign country(ies)?</p> <p>N/A</p>	<p>so far and stay on the status of</p> <p>Complete</p>




# Preview and Submit Progress Report


- The “Public Progress Report” and the “DOE Progress Report” are both available to review before you Submit your progress report to SC

 **Progress Report - Submit**

















From this page, you can submit your Progress Report to DOE. Before submitting, you can click the Update button for the pertinent report section and, if necessary, make changes. Section status is designated as follows: a green checkmark means the section is Complete; a green checkmark with a red slash through it means the section has not been marked as Complete. To submit a report to DOE, all sections must have the status of Complete. Click the Submit button to send your Progress Report to DOE. Click the Go to Previous Section button if you would like to return to the Review page. To preview a pdf of the progress report click on the Preview Progress Report PDF. ([View Less](#))


 **Warning:**  
Clicking on the “Submit” button will submit the progress report to DOE Office of Science. You will no longer be able to edit the progress report.

► **Award Number: Award Title**

► **Resources** 

► **Progress Report Privileges**

Progress Report Submit		
Section	Status	Options
Cover Page	Complete 	 Update
Accomplishments	Complete 	 Update
Products	Complete 	 Update
Participants and Other Collaborating Organizations	Complete 	 Update
Impact	Complete 	 Update
Changes-Problems	Complete 	 Update
Participant Information for Significant Contributors	Complete 	 Update
Attachments	Complete 	 Update

[Go to Previous Section](#)  [Preview Public Progress Report](#) [Preview DOE Progress Report](#) [Submit](#)



# Laboratory Awards and Public Abstracts

- SC is also enhancing the transparency of our national laboratory research portfolio by enhancing the information available to the public
- Starting July 12, when SC makes awards based on proposals from national laboratories, PAMS will:
  - Require the awardee to submit a Public Abstract
  - Add the Laboratory Award to the PAMS public Award Search webpage (see *next slide*)

## Pending Tasks List with Public Abstract task

The screenshot shows the 'Pending Tasks - List' page in the PAMS system. The left sidebar contains navigation links: Home, Tasks, Proposals, Awards, and Institutions. The main content area displays a table of pending tasks. The table has columns for Deadline (Due), Task Category, Tracking #, Task, Entity, Organization, and Options. A single task is listed: '07/12/2025 11:59 PM (Late by 3 Days)' for 'Public Abstract' with tracking number '00012345'. The task description is 'Submit Public Abstract'. The entity is 'NIA' and the organization is 'National Laboratory, City, State'. There is a 'Submit Abstract' button in the Options column. The page also includes a search bar, a 'Detailed View' link, and a 'Saved Searches' dropdown.

## Editing and Submitting Public Abstract

The screenshot shows the 'Edit Public Abstract' page. At the top, there is a header with the title '00012345: Proposal Title' and the PI's name 'PI: Last Name, First Name'. Below the header, there is a section for the 'Public Abstract (Instructions)'. The instructions state: 'Please enter the Public Abstract in the textbox below. If you submitted an abstract with your proposal through Grants.gov and want to refer to it as you write this Public Abstract, click the View Proposal Abstract link. To save your work as you go, click the Save button at the bottom of the page. When you are ready to submit the Public Abstract, click the Submit button. (- View Less)'. The main text area contains a rich text editor with a toolbar and a large text box. The text box contains placeholder text: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur. Quis aute iure reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint obcaecat cupiditat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.' At the bottom of the page, there are 'Cancel', 'Save', and 'Submit' buttons.



# Finding Public Abstracts and Progress Reports

All Public Abstracts and Public Progress Reports will be available online through the PAMS public [Award Search](#)

The screenshot displays the 'Award Search' page of the Portfolio Analysis And Management System (PAMS). The page header includes the U.S. Department of Energy logo and the text 'Office of Science Portfolio Analysis And Management System'. A navigation bar shows 'Login' and 'Award Search' (selected). A breadcrumb trail indicates 'You are here: Award Search'. A note states: 'Note(s): Administrative actions to Suspend or Stop Work on an award are not reflected in the Award Search results. The search results display None in the Options column when there is no Public Abstract available for the award. Public Abstracts and Progress Reports will be made available once submitted.' Below the note is a table of search results. The table has columns: Award Number, Title, Institution, PI, Action Type, and Options. The first three rows of data are visible. The 'Options' column for the first row contains a red circle around the 'View Abstract' and 'Progress Report PDF' links. The table footer indicates '3923 items in 40 page(s)'. The page footer includes the U.S. Department of Energy logo, 'Office of Science', and the URL 'Energy.gov/science'.

**Award Search**  
Use the search parameters to search for and view a list of grants, cooperative agreements, and interagency awards funded by the DOE Office of Science. The search results (+ View More)

**Note(s):** Administrative actions to Suspend or Stop Work on an award are not reflected in the Award Search results. The search results display None in the Options column when there is no Public Abstract available for the award. Public Abstracts and Progress Reports will be made available once submitted.

Detailed View | Search

3923 items in 40 page(s)

Award Number	Title	Institution	PI	Action Type	Options
DE-SC00012345	Project Title	Generic Institution, City, State	Roe, Jane	Renewal	View Abstract Progress Report PDF Views
DE-SCL00012587	Project Title	National Laboratory, City, State	Somebody, Stacey	New	None
DE-SCL00015123	Project Title	National Laboratory, City, State	Public, Joseph	New	View Abstract

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Energy.gov/science

# Future Enhancements to PAMS

- PAMS is in the process of establishing a connection to the OSTI E-Link system to streamline and enhance the reporting of scientific and technical products
  - Awardees will have an efficient one-stop-shop for reporting research products!
  - PAMS and E-Link will share information to streamline reporting and enhance discoverability
  - E-Link capabilities to automatically insert metadata will make product reporting easier

**Portfolio Analysis and Management System** ↔ **E-Link**

- Laboratory Awards made after July 12 will require annual progress reporting through PAMS
  - Updates will streamline award management and increase public awareness of the research conducted at DOE laboratories
  - Progress report content will be based on RPPR format used for Financial Assistance Awards
  - Product reporting will leverage the Scientific and Technical Information Program (STIP)
  - Public Progress Reports will be generated as part of the annual reporting process



**THANK YOU!**

