



U.S. DEPARTMENT OF  
**ENERGY**

Office of  
Science

# **Portfolio Analysis and Management System (PAMS)**

## Briefing for the Fusion Energy Sciences Advisory Committee

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March 8, 2011

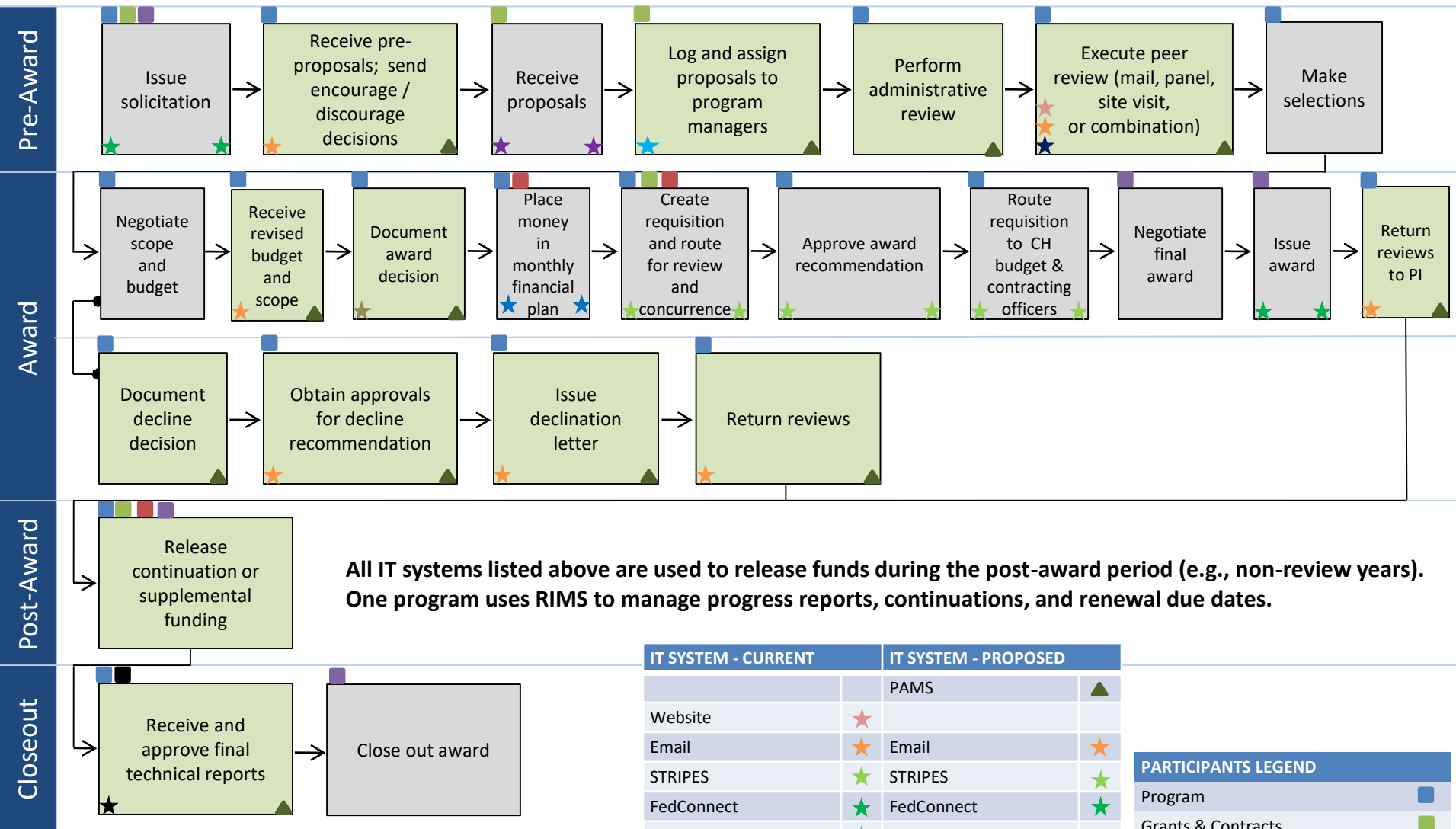
# Agenda

- Grants Management Process
- PAMS Overview
- PAMS Design Philosophy
- Project Methodology
- Project Status and Next Steps
- Planned Iterations



# Universities (Financial Assistance)

Future PAMS Contributions



All IT systems listed above are used to release funds during the post-award period (e.g., non-review years). One program uses RIMS to manage progress reports, continuations, and renewal due dates.

IT SYSTEM - CURRENT		IT SYSTEM - PROPOSED	
		PAMS	▲
Website	★		
Email	★	Email	★
STRIPES	★	STRIPES	★
FedConnect	★	FedConnect	★
IMSC	★		
FMIS/FDS	★	FMIS/FDS	★
PeerNet	★		
Grants.gov	★	Grants.gov	★
Selection Statement Software	★		
E-Link	★		

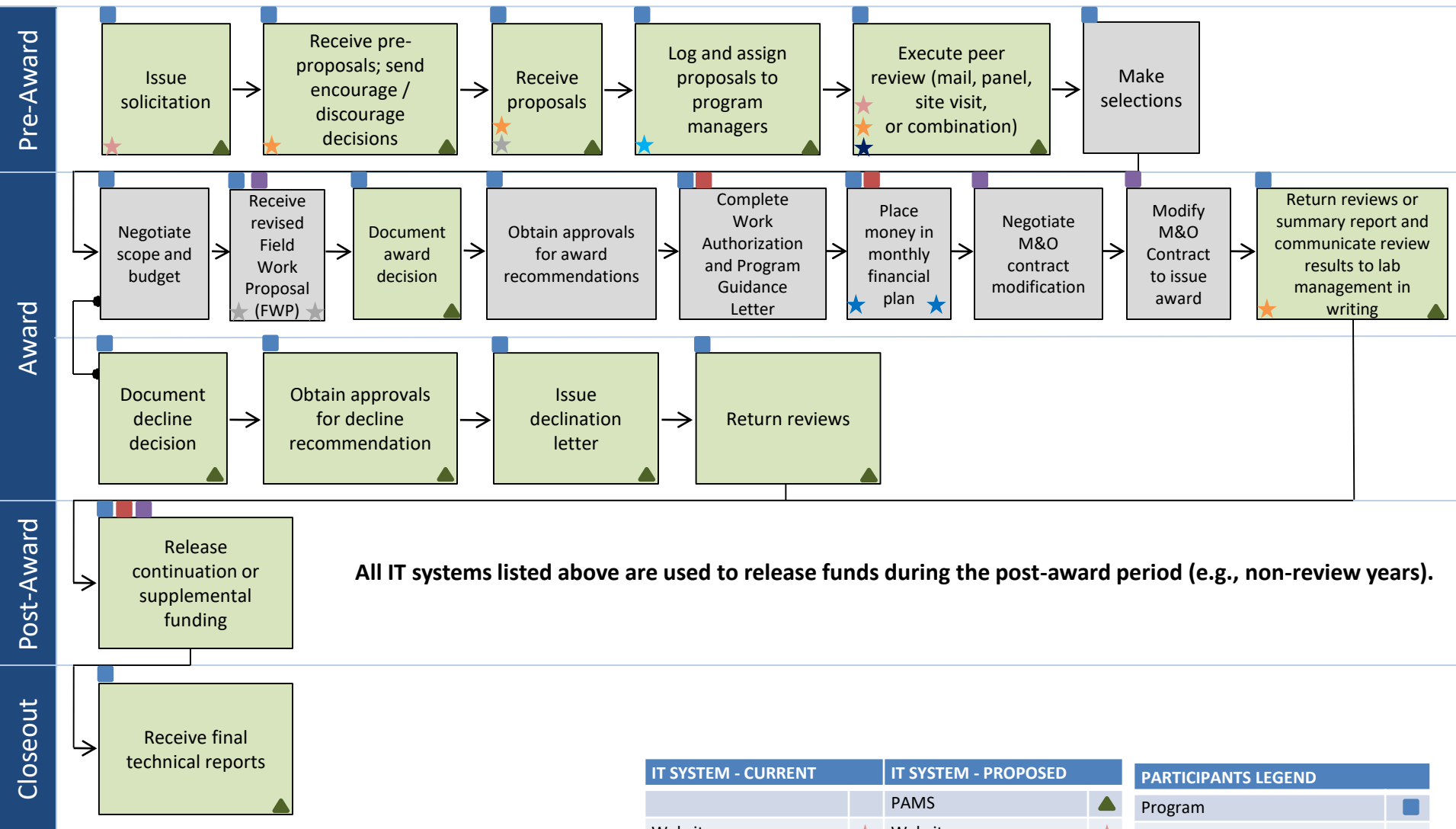
**PARTICIPANTS LEGEND**

- Program
- Grants & Contracts
- Budget
- Chicago
- OSTI

- Crosscutting Activities During Above:**
- Document decisions manually in IMSC
  - Send correspondence by paper or email or RIMS

# DOE National Laboratories

## Future PAMS Contributions



### Crosscutting Activities During Above:

- Document decisions manually in IMSC
- Send correspondence by paper or email

IT SYSTEM - CURRENT		IT SYSTEM - PROPOSED		PARTICIPANTS LEGEND	
		PAMS	▲	Program	■
Website	★	Website	★	Budget	■
Email	★	Email	★	Grants & Contracts	■
IMSC	★			Site Office	■
FMIS	★	FMIS	★		
PeerNet	★				
Searchable FWP	★	Searchable FWP	★		

# Application Overview

## Portfolio Analysis and Management System

- Based on Government Off-The-Shelf (GOTS) software in use at several Federal agencies including
  - Grants Management Support for DHS/FEMA, HHS/HRSA, Department of Justice, Treasury
  - Contracts and Loans Support for NASA and Overseas Private Investment Corporation
  - SBIR/STTR Support for NASA and DHS Science & Technology Directorate
- Supports the grants management process from end to end.
- Employs a service-oriented design, already integrated with Grants.gov and Financial Management systems at other Federal Agencies, and will be able to integrate with DOE and other Federal systems (Grants.gov, STRIPES, etc.).



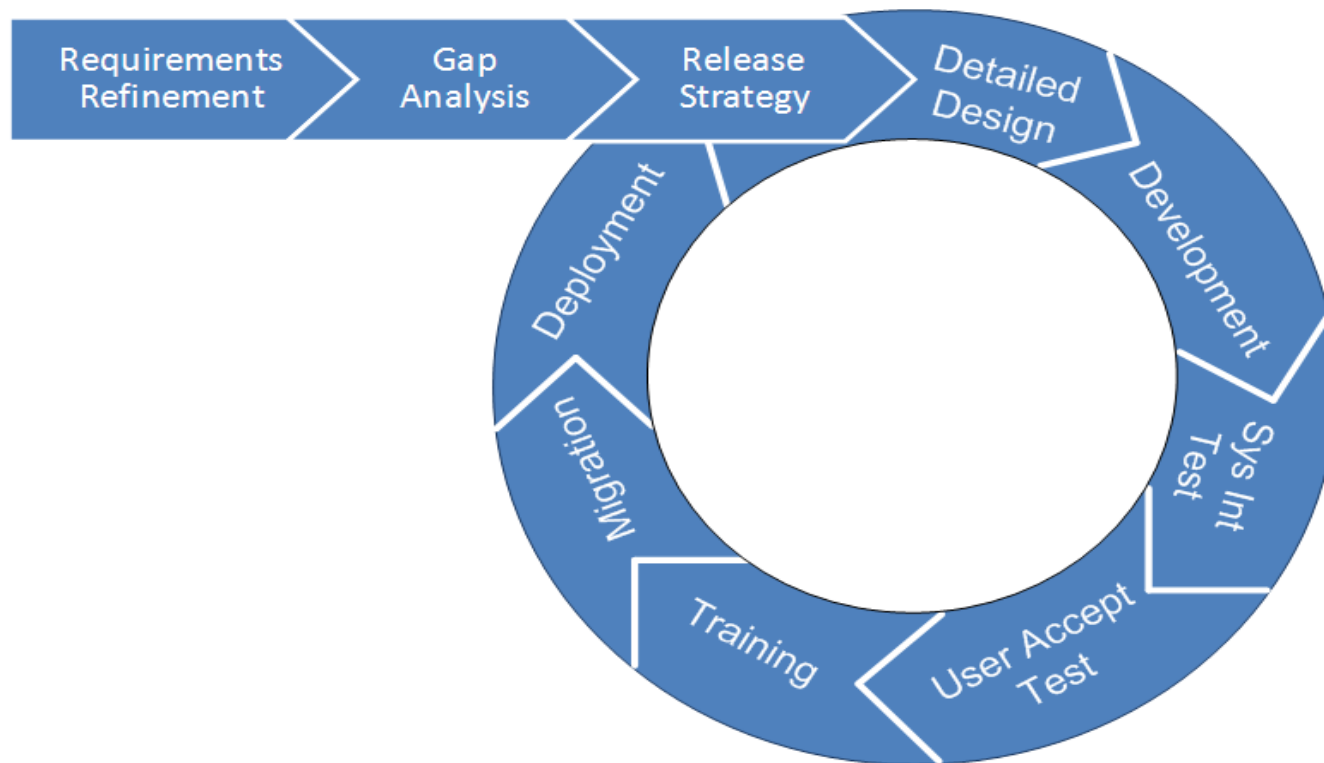
# PAMS Design Philosophy

- Support the complete research funding process
  - Fill processing gaps
  - Seamlessly manage grants from solicitation through award to publishing the final results
- Consolidate or integrate with existing information systems, as appropriate
  - Replace outdated information systems
  - Don't duplicate functionality of externally managed information systems, exchange data with them
- Improve data management
  - Associations between people and research proposals or projects
  - Grant proposal demographics
- Standardize data exchanges
- Enable flexibility in process implementation



# Project Methodology

- PAMS will be implemented in multiple iterations



# Project Status and Next Steps

- Requirements Refinement in final steps
  - Draft Requirements Definition Document, describing what PAMS must do, was written and reviewed
  - Final Requirements Definition Document, incorporating reviewer comments, is expected to be delivered this week
- Gap analysis estimate completed, estimating how much work is needed to modify the baseline GOTS software to meet the Office of Science's requirements
- Requirements prioritized and partitioned into 7 iterations
- Project schedule for PAMS iterations is in-progress