Portfolio Analysis and Management System (PAMS)

Briefing for the

Nuclear Science Advisory Committee

Linda G. Blevins, Office of the Deputy Director for Science Programs
Keith A. Tucker, Office of Business Policy and Operations
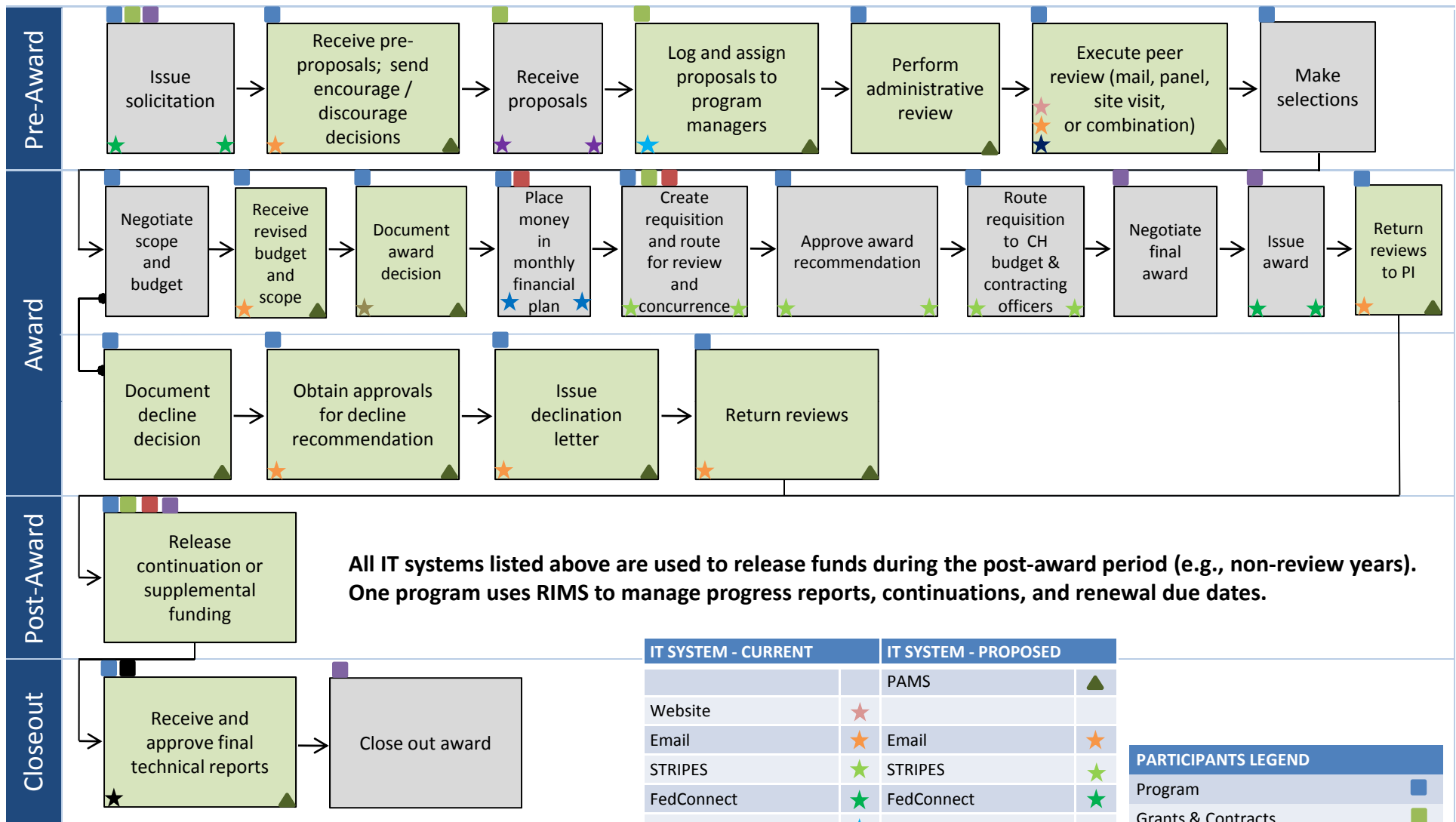
July 30, 2010

Agenda

- Grants Management Process
- PAMS Overview
- PAMS Design Philosophy
- PAMS System Architecture Context
- Status and Next Steps

Universities (Financial Assistance)

Pre-Award

| Issue solicitation | → | Receive pre-proposals; send encourage / discourage decisions | → | Receive proposals | → | Log and assign proposals to program managers | → | Perform administrative review | → | Execute peer review (mail, panel, site visit, or combination) | → | Make selections |

Award

| Negotiate scope and budget | → | Receive revised budget and scope | → | Document award decision | → | Place money in monthly financial plan | → | Create requisition and route for review and concurrence | → | Approve award recommendation | → | Route requisition to CH budget & contracting officers | → | Negotiate final award | → | Issue award | → | Return reviews to PI |

| Document decline decision | → | Obtain approvals for decline recommendation | → | Issue declination letter | → | Return reviews |

Post-Award

| Release continuation or supplemental funding |

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.
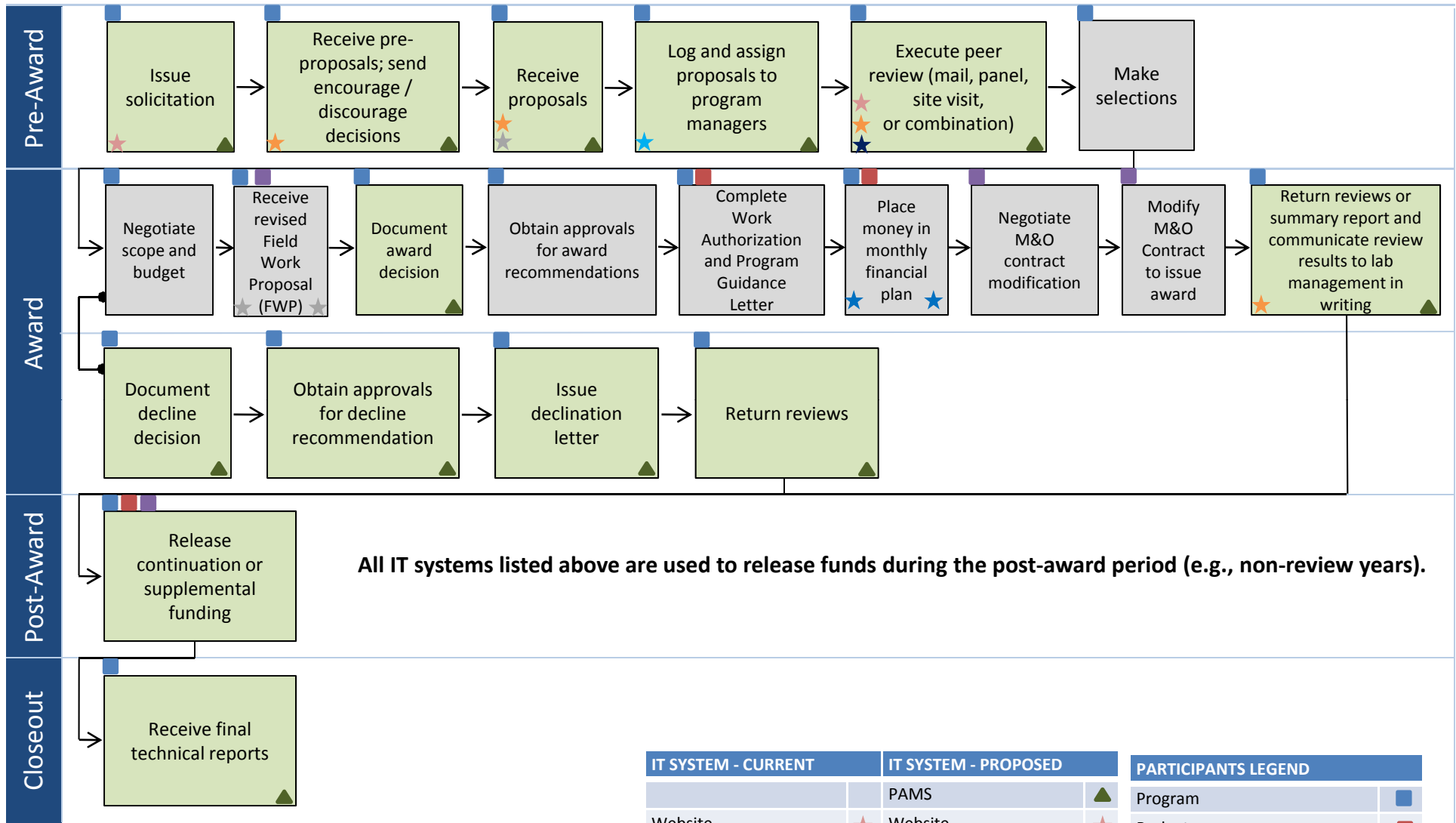
Closeout

| Receive and approve final technical reports | → | Close out award |

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

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	■

U.S. DEPARTMENT OF ENERGY | Office of Science

DOE National Laboratories

Pre-Award

| Issue solicitation | → | Receive pre-proposals; send encourage / discourage decisions | → | Receive proposals | → | Log and assign proposals to program managers | → | Execute peer review (mail, panel, site visit, or combination) | → | Make selections |

Award

| Negotiate scope and budget | → | Receive revised Field Work Proposal (FWP) | → | Document award decision | → | Obtain approvals for award recommendations | → | Complete Work Authorization and Program Guidance Letter | → | Place money in monthly financial plan | → | Negotiate M&O contract modification | → | Modify M&O Contract to issue award | → | Return reviews or summary report and communicate review results to lab management in writing |

| Document decline decision | → | Obtain approvals for decline recommendation | → | Issue declination letter | → | Return reviews |

Post-Award

| Release continuation or supplemental funding |

All IT systems listed above are used to release funds during the post-award period (e.g., non-review years).

Closeout

| Receive final technical reports |

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

IT SYSTEM - CURRENT		IT SYSTEM - PROPOSED	
		PAMS	▲
Website	★	Website	★
Email	★	Email	★
IMSC	★		
FMIS	★	FMIS	★
PeerNet	★		
Searchable FWP	★	Searchable FWP	★

PARTICIPANTS LEGEND	
Program	■
Budget	■
Grants & Contracts	■
Site Office	■

U.S. DEPARTMENT OF **ENERGY** | Office of Science

Portfolio Analysis and Management System (PAMS)
Overview

- Web-based, GOTS software in use at several Federal agencies including
  - Grants Management for DHS/FEMA, HHS/HRSA, Justice, Treasury
  - Contracts and Loans for NASA and Overseas Private Investment Corporation
  - Small Business Innovation Research and Technology Transfer (SBIR/STTR) for NASA and DHS Science & Technology Directorate
- Automates currently manual portions of the Grants Management and National Lab Research Project Funding processes. Will support:
  - SC Program Offices
  - SBIR/STTR
  - National Lab Research Project Funding
- 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.)
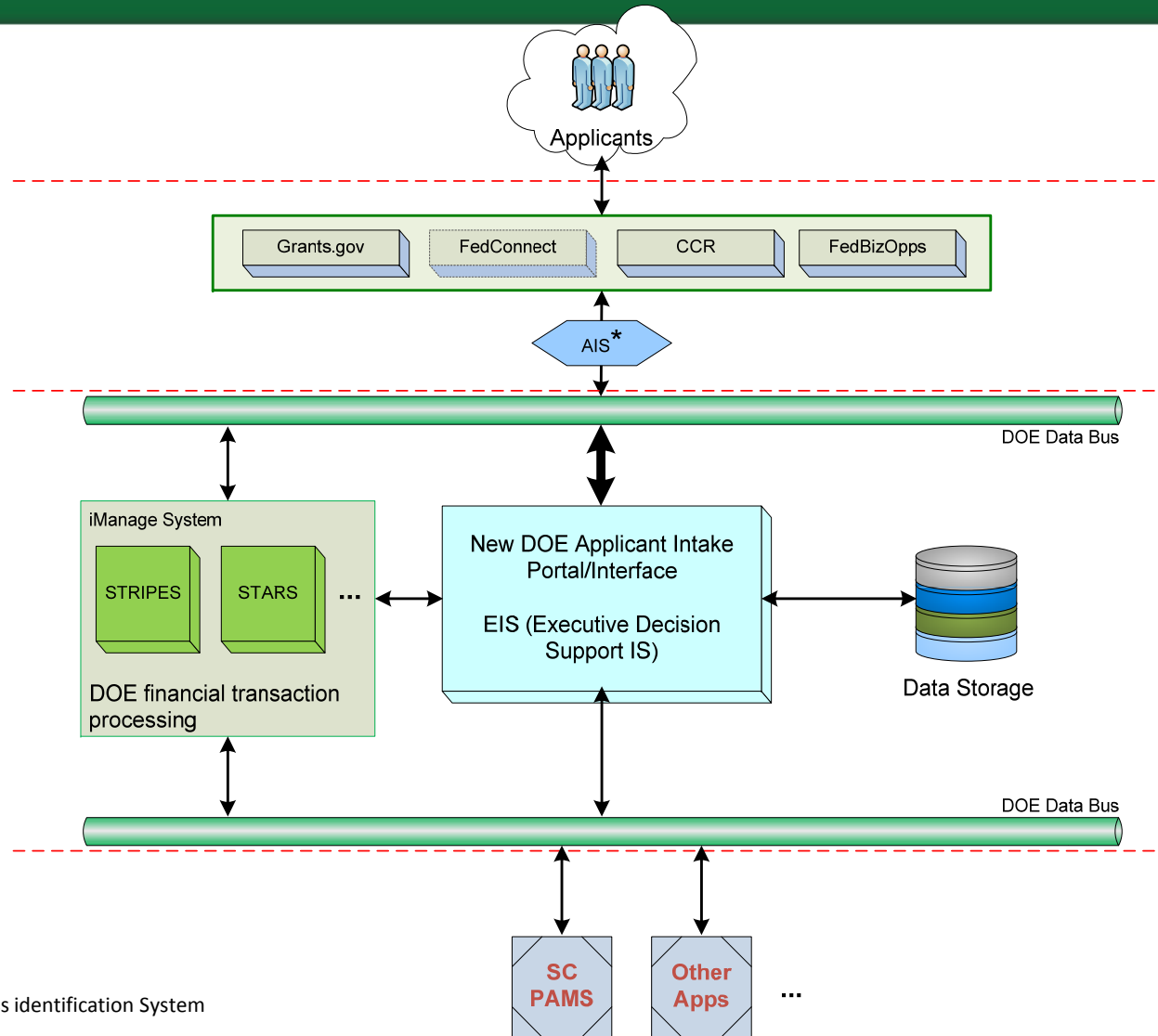- Deployed iteratively, with initial operational capability in FY2011.

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

PAMS System Architecture Context

Status and Next Steps

- In the final stages of acquiring PAMS development resources.

- Next steps
  - Complete requirements definition
  - Identify gaps between base GOTS application and stated requirements
  - Plan the project to implement PAMS iteration 1

U.S. DEPARTMENT OF **ENERGY** | Office of Science