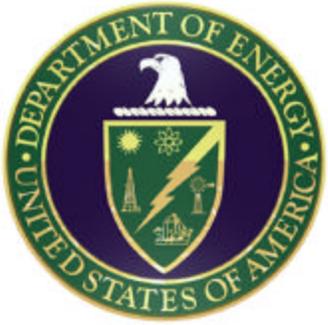


Scientific and Technical Information Program (STIP) Meeting

ePME and Other DOE e-GOV Initiatives

April 28, 2004

Presented by:
Bonnie Lasky
Office of Scientific and
Technical Information



ePME Project

Executive Overview



Outline

- Project Overview
- Project Benefits
- Project Status
- Results



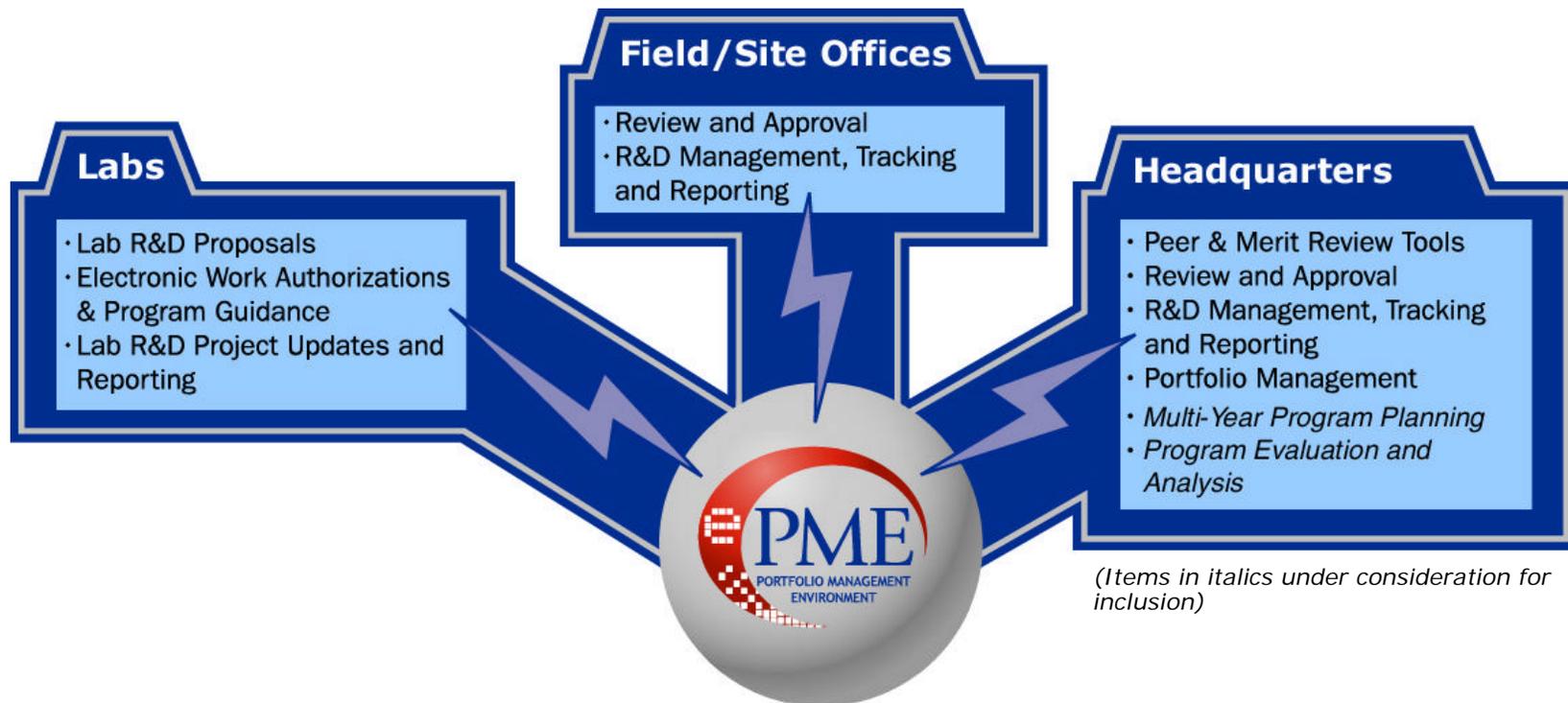
What is ePME?

- ePME is a first-of-its-kind electronic system that allows for cradle-to-grave R&D program management across all PSOs, optimizing the Department's R&D investments.
- ePME functionality was originally envisioned to include:
 - Receipt and Review of Lab proposals
 - Portfolio Management
 - Program Guidance
 - Tracking and Reporting
- ePME has since conducted feasibility studies to investigate the possibility of including in its scope
 - Multi year program planning
 - Analysis and evaluation



ePME connects stakeholders electronically

ePME supports Lab, Field/Site office and Headquarters by implementing an enterprise-wide technology solution that connects stakeholders electronically





What general benefits will ePME provide?

Labs

- Reduces administrative burden by replacing paper-driven data submissions with electronic streamlined process
- Increases efficiency by reporting data once to meet multiple needs (e.g. elimination of a separate Departmental R&D Tracking Call)
- Enables efficient electronic receipt of program guidance and work authorizations

Field/Site Offices

- Facilitates generation of program guidance electronically
- Provides ability for online management approval and authorization
- Provides unified view of current, historical, and out-year data

Headquarters

- Enables strategic investments of R&D
- Provides ability for electronic management, approval, & authorization
- Provides a one-stop repository for DOE's R&D portfolio
- Enables tracking of projects from inception through closeout



Project Status: Electronic Receipt and Review (Module 1)

Milestones:	Completion Date:	Status:
– BPR	3/21/2003	✓ COMPLETE
– Requirements	7/31/2003	✓ COMPLETE
– Pilot Release		
• Design	12/18/2003	✓ COMPLETE
• Build	3/8/2004	✓ COMPLETE
• Test	4/8/2004	✓ COMPLETE
• Train	3/12/2004	✓ COMPLETE
• Deploy	4/8/2004	✓ COMPLETE
– Electronic Interface Developer's Kit (eIDK)		
• Design	4/30/2004	⌚ IN PROGRESS
• Build	6/2004	
• Test	7/2004	
– Full Deployment		
• Requirements	4/30/2004	⌚ IN PROGRESS
• Design	5/19/2004	
• Build	7/31/2004	
• Test	9/17/2004	
• Train	9/13/2004	
• Deploy	9/30/2004	



Coming September 30, 2004: Electronic Receipt and Review

Current

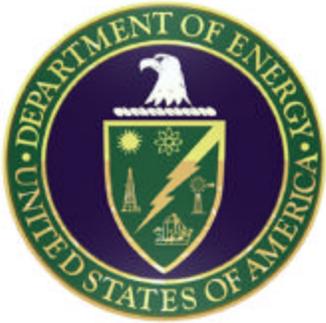
- Multiple formats
- Manual processes
- Lack of requirements consistency
- Poor communications and multiple phone calls
- Effort to reconcile request to instructions
- Effort to reconcile at the project level with the budget level
- Repetitive compilation and reporting
- No centralized/integrated information



With ePME Electronic Receipt and Review

- Feeds the R&D proposal component of the Field Budget Call
- Standardized formats
- Consistent proposal requirements
- Automated processes
- Real-time information
- Centralized repository of project information
- Improved project control
- Enables performance analysis
- Faster, easier process





e-Procurement Project

Executive Overview



Outline

- Project Objectives
- Technology
- Business Process Impacts
- Tentative Schedule
- Current Status & Resources



Project Objectives

- Improve the efficiency & effectiveness of DOE's contract management
- Streamline and eliminate redundant processes
- Enhance the interoperability of the acquisition and financial assistance systems
- Replace and/or reduce the number and diversity of legacy or proprietary systems
- Promote "one face to industry"



Technology

- Web-based solution
 - Reduces dependency on using the same software
 - Supports a distributed network
 - Provides remote access
- Standards-based
 - Enables interaction with the Integrated Acquisition Environment and Grants.gov
 - Defined data enhances reporting capability
 - Reduces overall cost

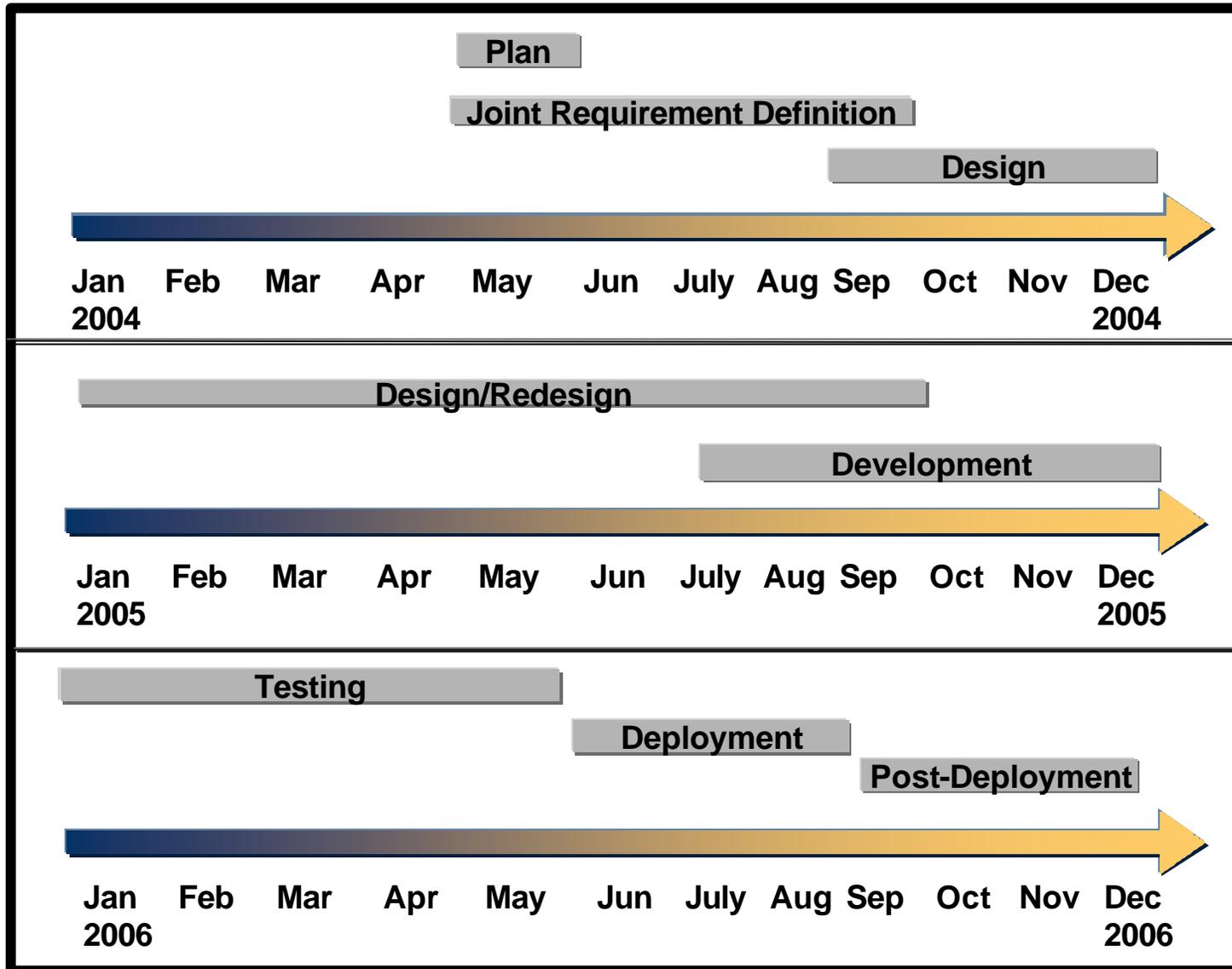


Business Process Impacts

- Business processes must be altered
- Configuration techniques will be used to address DOE unique requirements
- Standardization must occur on various levels
- Implementation of the solution requires increased computer skills of *all* users



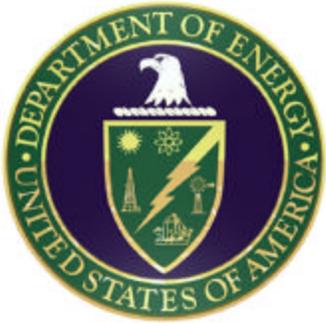
Tentative Schedule





Current Status & Resources

- Current Status
- On Schedule
 - Project Management team formation
 - Funding
 - FY 2004 funding available and committed
 - FY 2005 budget request submitted and approved
 - Acquisition of contractor support in process



Streamlining Departmental Grants Processing (SDGP)

Executive Overview



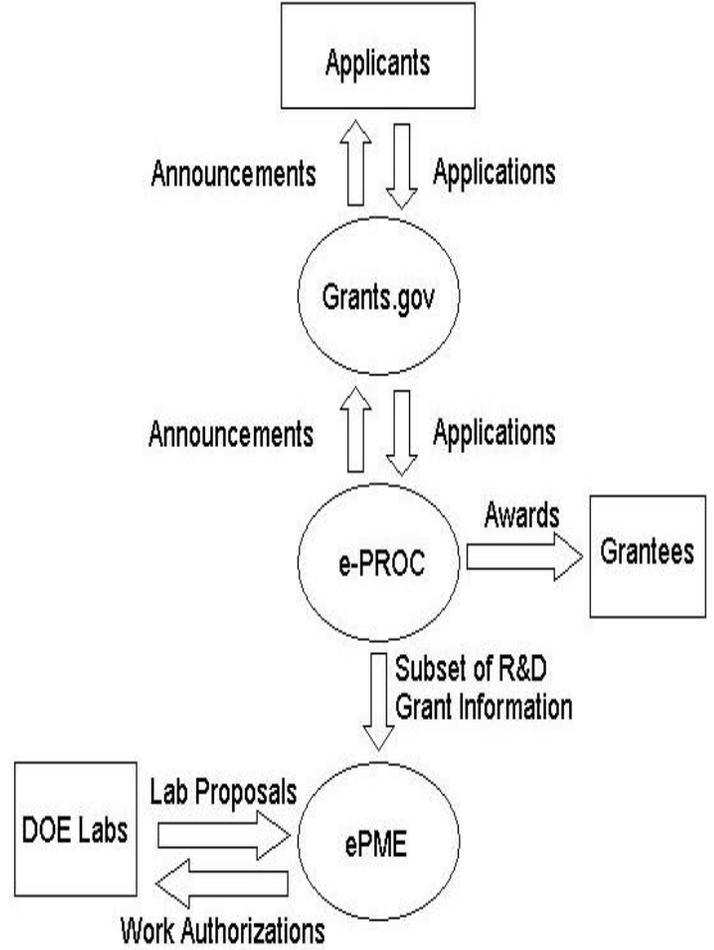
Outline

- DOE Grants Vision
- SDGP Objectives
- SDGP Scope
- Primary Recommendations



DOE Grants Vision

- Announcements and applications distributed and received through Grants.gov
- Applications downloaded to e-Procurement
- Applications processed in e-Procurement
- Awards issued from e-Procurement
- Information on R&D grants interfaced to ePME (DOE R&D information repository)





SDGP Objectives

- Develop recommendations for streamlining and rationalizing the grant processes
- Maximize effectiveness and efficiency in grants processing activities
 - Minimize the amount of variation in the processes
 - Minimize non-value added activities
- Rationalize the systems and tools supporting the processes





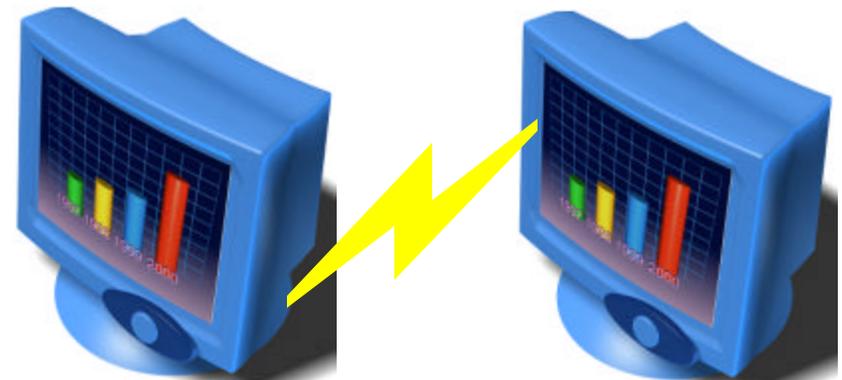
SDGP Scope

- Coverage:
 - Grants and Cooperative Agreements (including SBIR/STTR)
 - All PSOs and NNSA
 - Pre-Solicitation phase through Closeout phase
- Activities included:
 - Develop improvement recommendations
 - Identify appropriate metrics
 - Identify qualitative benefits
 - Develop implementation strategy
- Activities excluded:
 - Development of detailed solutions
 - Quantification of benefits



Primary Recommendations

- Automate all grant forms
 - facilitate automated workflow
 - capture, store and retrieve information more efficiently
- Integrate the grant system with financial and other systems
 - budget
 - corporate data warehouse
 - external reporting





For more information:

ePME:

- ePME web site
 - <http://epme.doe.gov>
- Submit questions
 - Jim Fremont, 202-586-5735, James.Fremont@hq.doe.gov

e-Procurement:

- I-MANAGE web site
 - <http://www.mbe.doe.gov/ME2-5/i-manage/INDEX.HTM>
- Submit questions
 - Doug Baptist, 202-586-0813, douglas.baptist@hq.doe.gov

SDGP:

- Submit questions
 - John O'Fallon, 301-903-3624, John.OFallon@science.doe.gov