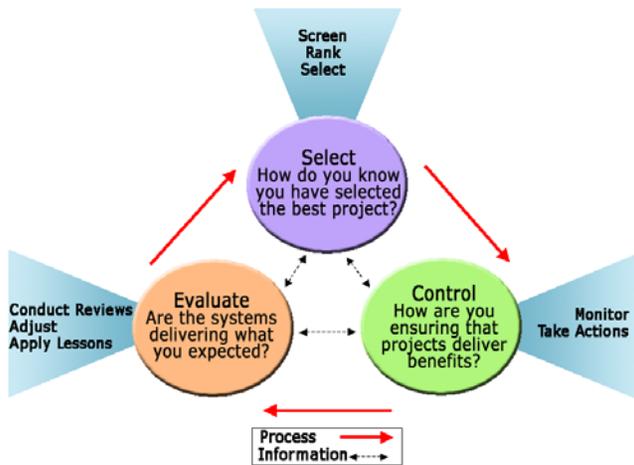


GAO's S/C/E Model



National-Level Scope

All IT investments (projects) meeting the national-level screening criteria, must follow the Bureau's IT Investment Management Process (IMP). The screening criteria are:

- Any proposed investment that is a Major Application or General Support System
- Any proposed investment with total life cycle costs greater than \$500,000
- Any proposed investment that will affect multiple states/centers
- Any proposed investment that will affect multiple business areas
- Any proposed investment between \$50,000 and \$500,000 where a State/Center does not have their own ITIB
- Any O&M investment that is not included in program base funding

State-Level Scope

All IT investments (projects) meeting the minimum State/Center level screening criteria, must follow their respective IT Investment Management Process. The screening criteria for a State/Center level investment is:

- Any proposed investment with total life cycle costs less than \$500,000.

System Coordination Office

The System Coordination Office is available to assist Project Proponents and Project Managers in the development of Investment Proposals, Business Cases, and Project Plans; and in all phases of the Information Technology Investment Management Select—Control—Evaluate Model.

Please contact us at 303-236-8915 for assistance, or visit our web site at:

Internet:
<http://www.blm.gov/sco/>

Intranet:
<http://web.blm.gov/itim/>

The web site offers help and guidance in the Information Technology Investment Management Process; links to OMB, GAO, DOI, and BLM policies; and information on the Bureau's Project Management Training Program.



United States Department of the Interior
 Bureau of Land Management
 Information Resources Management
 System Coordination Office
 Denver, Colorado



Understanding BLM's Information Technology Investment Management Process



Select

Phase

Initial Business/Architecture Review Stage

- Ensures that the proposed investment does not duplicate existing systems, ongoing projects or a proposed project

IT Investment Proposal Stage

- Allows for an early review and confirmation that the business process re-engineering effort has a sponsor and ITIB approval to proceed

Business Case Development Stage

- Addresses the business need
- Analyzes business processes (documents re-engineering)
- Provides the technical and financial merits, and identifies risks
- Ensures alignment with the Bureau's Mission, Strategic Plans and Architecture
- Provides information for SCO, IMG and ITIB to evaluate and rank proposal within the Bureau's IT portfolio

Project Plan Development Stage

- Ensures project management fundamentals are incorporated into the project from the very start
- Promotes attainment of technical, cost, schedule, and risk management objectives
- Initial User Requirements are developed, placed under change control, and reviewed and approved
- Establishes the baseline for project scope, schedule and budget

Control

Phase

Project Definition Stage

- Finalizes User Requirements
- Defines Functional Requirements
- Obtains Requirements Certification
- Develops system security plans and other deliverables
- Conducts Project Definition Completion Review

System/Services Acquisition Stage

- Procures system/services
- Completes Contracting Officer's Review

System Design Stage

- Designs System
- Updates Test Plans
- Conducts Critical Design Review

System Development/Construction Stage

- Establishes development environment
- Creates or modify programs
- Conducts unit and integration testing
- Prepares Computer Systems Operator's Manual
- Conducts Test Readiness Review

User/System Acceptance Testing Stage

- Submits developed software for:
 - System acceptance testing
 - Security testing
- Obtains Security certification package
- Completes user documentation and training materials
- Conducts user acceptance testing
- Conducts Transition/Deployment Readiness Review

Transition/Deployment Stage

- Determines acceptable level of operational risk
- Trains users
- Implements developed software
- Documents lessons learned
- Conducts Operational Readiness Review

Evaluate

Phase

Operations and Maintenance Stage

- Collect actual versus projected performance measurements

Post Deployment Review Stage

- Conduct a Post Deployment Review using a standard methodology