



DOI Geospatial Modernization Blueprint Implementation Update – 2008 Priorities

In December 2007 the Department of the Interior approved a Geospatial Modernization Blueprint (GMBT). The Vision of the GMBT is that: “DOI mission areas..... are enabled effectively and efficiently with geospatial data, information and services. “

To do that we will:

- Improve the ease, usability, and reuse of location-based information and services
- Create long-term savings and business efficiencies
- Improve the effectiveness of DOI investments



What are we doing?

In order to accomplish those objectives the GMBT made several broad recommendations:

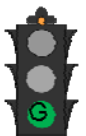
- Establish Authoritative Data Sources and Services (ADS) for high priority data assets
- Pilot Business Driven Requirements Planning and Management Services
- Establish and Manage the DOI Geospatial Portfolio
- Establish an Enterprise Governance Structure for Geospatial

The Enterprise Geospatial Information Management (EGIM) Team has been working on the GMBT since its initial development phase and has been tasked with working on the implementation of the GMBT as well. Due to the broad scope of the GMBT in combination with an existing EGIM workload EGIM and the Geospatial Management Office (GMO) have developed a list of priority tasks for calendar year 2008. These tasks have been vetted through the Geospatial Core Team to ensure management support and concurrence with the priorities. The EGIM Team is actively working to complete the tasks.

In order to effectively manage and track the large number of tasks included in the 2008 GMBT Priorities the work has been divided into five Focus Areas. Each focus area is being managed by an EGIM work group using project management tools.



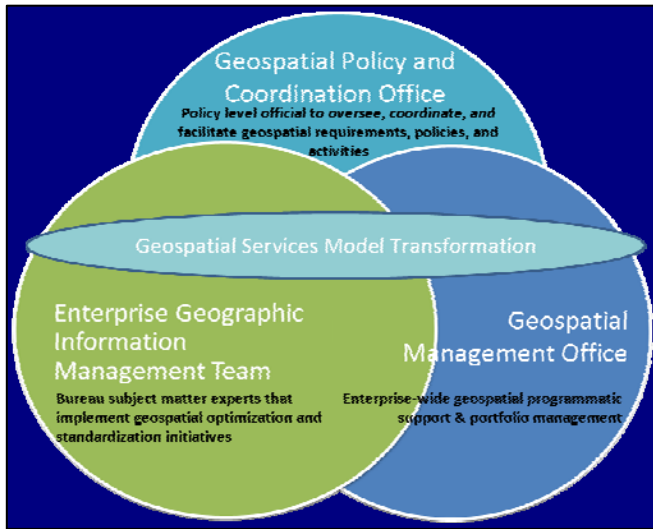
The use of the red/green/yellow stoplight for project management is well established in DOI for Electronic Government reporting and has been adopted by EGIM as an understandable, established tool.



Red	Yellow	Green
One or more status area is red <80% milestones hit	One or more status area is yellow 80%-90% milestones hit	All status areas are green >90% milestones hit

The Policy and Governance tasks probably have the greatest impact on the remainder of the GMBT implementation as they will provide the staff and authorities needed to effectively perform the rest of the tasks.

Policy and Governance	And in Plain English
Establish Geospatial Management Office	Get the staff needed to do the job
Establish priorities and performance metrics	Use tangible products or actions to measure progress
Complete and get approved governance documents such as charters, DOI manual chapter updates, MOAs	Give the staff the tools needed to do the job
Establish Data Management Lifecycle Policy and Practices	Manage DOI data as an enterprise asset



Proposed governance structure

The Outreach and Communication workgroup assists in spreading the word on what EGIM is doing to implement the GMBT as well as creating tools such as a Change Management Plan to help cause the cultural changes that will be needed at DOI to do business in an enterprise fashion.

Modernized Business Practices	And in Plain English..
Establish geospatial requirements planning capability	Help users find partners to cost share geospatial acquisitions; save DOI money
Establish catalog of geospatial products & services	Let users know what geospatial assets already exist
Identifying candidate projects, programs and datasets to geospatially enable	Identify items can benefit from adding geospatial components
Finalize requirements & Pilot Knowledge Base	Make it easier to find answers to geospatial questions



Modernized Business Practice: Teaching Whooping Cranes a migration route with an Ultralight, using GPS and GIS to show the flight progress on the Internet.

Outreach & Communications	And in Plain English
Complete Master GMBT Priority Program Plan	Get the tasks organized and staff assigned
Complete Communications & Change Mgmt Plan	Show how the GMBT will change DOI geospatial business processes and spread the word
Complete Road Show Briefings & Fact Sheets; Refresh EGIM web site & establish collaboration site	Create the products to let people know what's going on

Technology Leadership	And in Plain English
Complete various DOI Geospatial Enterprise License Agreement	Provide DOI Geospatial users with more software for fewer dollars (cost avoidance).
Increase coordination with DOI Chief Technology Office Council (CTOC) on specialized geospatial needs	Remove technical obstacles for geospatial users
Implement consolidated software and security testing	Faster testing of new software, reduced effort for each Bureau

Stewardship & Accountability	And in Plain English..
Complete Bureau Subsidiary Plans	What steps does each individual bureau needs to take to get the work done
Provide Templates or other guidance for implementing an ADS	Create a cookbook for implementing an ADS; simplify the task
Complete Trails ADS Concept of Operations	How does DOI implement the ADS concept for a highly distributed dataset
Implement Geospatial Data Stewardship	Give staff who know the data the responsibility for managing it