Maine 2002 Strategic Plan Five Pillar Update

Pillars	Current Status	Comments
Pillar #1: Development of Detailed Data Standards		
Parcel	Completed.	
Open Space	Not done.	
Land Use	Not done.	
Land Cover	Completed.	
Roads	Not done.	
Addressing	Completed.	Completed via E911.
GPS (for addressing)	Completed.	
Hydrography	Completed.	
Archiving GIS Data	Completed.	
FGDC Compliant Metadata	Completed.	
Feature Metadata	Completed.	
Pillar #2: Data Warehousing Infrastructure Improvements		
Adding a new staff position for addressing increased technology infrastructure improvements as well as the increased volume of data transaction.	MEGIS is developing infrastructure to support state users and internet users. MEGIS is not in a position to implement infrastructure for public use.	MEGIS is lending staff for a portion of this work.
Planning and consideration of whether the ArcSDE™ data warehouse environment should be supplemented by an RDBMS server such as Oracle Spatial.	Complete.	
Optimizing the configuration of the ArcSDE™ environment.	Complete.	
Development of a complete database design for the data warehouse environment.	Complete.	
1. Load all MeGIS data sets into the data warehousing environment. Store them seamlessly and in a uniform coordinate/projection system. 2. MeGIS must actively work with other state departmental initiatives to ensure that all the best departmental data is collected and stored in the GeoLibrary.	1. Done, but access is limited to state agencies except for data exposed through web services. 2. MEGIS encourages state agencies to load their data into SDE and put it on the data catalogue through meetings and e-mails. MEGIS is not in a position to "mandate" this action.	This could be resolved by working with the CIO to develop a policy to insure data updates on a minimum of an annual basis for datasets that are updated regularly by state agencies

Pillars	Current Status	Comments
MeGIS staff and the GeoLibrary Board must work on a set of policies and procedures for updating data within the data warehouse including: 1. Assignment of responsible parties; 2. Agreement on appropriate timetables for data update cycles; 3. Determination of appropriate technologies; and 4. Establishment of data standard validation routines.	1. Done for MEGIS managed data, however, this is not done for several agencies who manage their own data in the warehouse. 2. Not done. 3. Complete for MEGIS only. 4. Complete for MEGIS only.	
Evaluate the application delivery infrastructure: 1. Point applications at the new data warehouse as a fundamental data source; 2. Evaluate existing application architecture to determine opportunities for improvements; 3. Develop a generic web services; and 4. Design/optimize new applications for stability and good performance in light of potential increased activity.	Done.	
Evaluate the overall networking environment between state agencies, and between the state and the Internet to ensure adequate capacity for the intended services.	Done.	
Optimize licensing with the large software vendors. Move toward a Citrix® distribution from a MeGIS central node.	MEGIS is rolling out both a new enterprise ESRI license agreement and a new Citrix environment, for state agencies only.	
Pillar #3: Additional Investment in Statewide Data Development		
Creation of detailed statewide orthophoto basemap through continued participation in the USGS NAPP program: 1. Completing the 1997-98 Digital Orthoimagery Quarter Quad (DOQQ) project; and 2. Undertaking a new 2003-04 National Aerial Photography Program (NAPP).	1. Complete. 2. 99% complete. The data are at MEGIS and will be put out on the web site by fall 2008.	Note that the 2007 NAIP photography is on-line (by county) from the USDA.
Development of statewide land cover data.	Complete.	

Pillars	Current Status	Comments
Parcel layer development	Initiated through two cycles of a grant program and through the initiating of the Integrated Land Records Information System project.	Implemented through a parcel grant program. 69 municipalities have developed standard compliant data. 4 municipalities will be completed in 2008.
Zoning data layer development: 1. Shore land zoning; 2. Municipal zoning.	Not done.	
Conservation land/open space data layer development: protected open space	Not done.	
Road centerline enhancements.	Not done.	Multiple unsuccessful attempts were made to move this project forward.
Pillar #4: Targeted Application Development		
Standards conformity validation applications	Left to the agency that owns the data.	
Internet browser-based data viewer and an application development platform including a: 1. Map rendering service; 2. Geocoding service; and 3. Data download service.	1 & 2. Complete for state agencies; when complete, the Portal project will provide statewide web services. 3. Complete.	The data catalog provides access to state agency data. The only local data is parcel data.
Development tracking tool development suite	Not done.	A series of meetings led to the utilities publishing their grids on an annual basis.
Pillar #5: A Program for Expanded GIS Education, Outreach and Coordination		
Creation of an explicit coordination function within MeGIS	Not done.	The strategic plan called for a GeoLibrary Content Specialist, a GIS Outreach Coordinator, and a GeoLibrary Contract Coordinator position. None were established. A portion of this work was completed through the use of MeGIS staff when time permitted.
Creation of regional geographic service centers	Not done.	Potentially, this could be partially replaced by providing generic municipal applications through a centralized web service from the Portal.
Note - The information included above was derived from information provided by the Maine Project Team, MEGIS and the 2007 Annual GeoLibrary Report.		