

Cape GIS Users Group: Fall Meeting

Wednesday; December 15

10a – 2p

Cape Cod Commission Conference Room

Minutes

Introduction

Commission Initiatives

- Regionalized Assessors Study
 - Request from 13 of the 15 towns (Falmouth and Barnstable excluded)
 - Looking at avenues of efficiency
 - Report should be finalized early 2011
- DLTA proposal to create a master address file
 - Mashpee, Falmouth, Dennis, Chatham
 - Methods and templates to be applied to other towns
- RFR from MassGIS to generate a building point file
 - Specifically written for Regional Planning Agencies
 - CCC looking for towns interested in being a pilot
 - Due December 31, 2010
- Open Cape
 - Presentation from Gary Delius
 - OpenCape will construct a core fiber optic backbone on Cape Cod with extensions to two major regional network connection centers in Providence and Brockton, a microwave radio overlay that includes Martha's Vineyard, and a regional collocation center in Barnstable Village. These three elements combine to provide a robust, high capacity communications infrastructure for the region.
 - Fiber should be hung mid year 2012
 - Pole rights obtained 2011
- IBM and Cape Cod Commission partnership in Smart Cape Cod Initiative (*see pdf of presentation*)
 - Presentation from Michael Sullivan and Perry Hartswick of IBM
 - Project falls under IBM Big Green Innovations
 - Water management one of the biggest green issues worldwide
 - Locally, IBM hopes to help address \$40 billion wastewater issue
 - Phase 1 timeout date is Feb 15
 - Vision is to unite all challenges and unite solution-makers
 - Three main avenues to accomplishing this:
 - Instrumentation
 - Interconnected
 - Intelligent

All of the highlighted initiatives have one thing in common: collaboration. The GIS professionals have historically worked together well: exchanging data, brainstorming solutions, sharing technology. If you combine those initiatives with the existing

Enterprise Server deployment at the Commission, the timing is perfect for examining new ways to share data and technology.

County Wide Enterprise License Agreement (ELA) presentation from ESRI
(see pdf of presentation)

- What is it?
 - The intent of an ELA is to minimize risks and remove barriers
 - A customized agreement based on population
- Benefits
 - Simplified procurement
 - Consolidated support
 - 3 year term
 - Flexible deployment at a fixed price
 - Optimize others experience
- Requirements and Challenges
 - Is not intended for cost savings, but to increase functionality
 - Negotiating MOU
 - Consolidated support and license delivery
- GIS and Cape Cod
 - Already working well together
 - Gain efficiencies by collaboration
 - Idea will sell itself
- Common Patterns
 - Think of a few questions that could be answered by a regional map
 - Polling places
 - School Districts
 - Templates
 - Take advantage of templates that are available at arcgis.com
 - Potentially use community maps as a showcase for the solution
 - Applications
 - Events calendar
 - Buy Local app
 - Government Services App: Trash pick-up, recycling, leaf pick-up, library, police station, post office, etc.
- Demonstrations
- Further Discussion
 - Esri representatives offered assistance in the small issues that may slow the process
 - Transforming Data models
 - Extract Transfer Load (ETL)
- Next steps
 - A follow up meeting is required to decide on regional mapping application
 - Mid January was consensus
- There were also discussions of areas to begin standardizing practices now around data. One specific area was deciding on a projection and datum but formats, metadata and schemas were also discussed. Standardizing will streamline workflows but some differences can be remedied thru ETL processes.