Commonwealth of Pennsylvania

State GeoBoard Meeting

April 29, 2016

Approach

CURRENT

- Lessons Learned
- Current Challenges
- Situational Analysis
- Strategy / Actions

EXECUTION

- GOVERNANCE TASK FORCE
- DATA PROGRAM TASK FORCE
- SERVICE DELIVERY TASK FORCE

FUTURE

- Refresh Base Map
- Data Sharing Opt In
- Funding Coord.
- Strategic Plan

IMPROVEMENTS
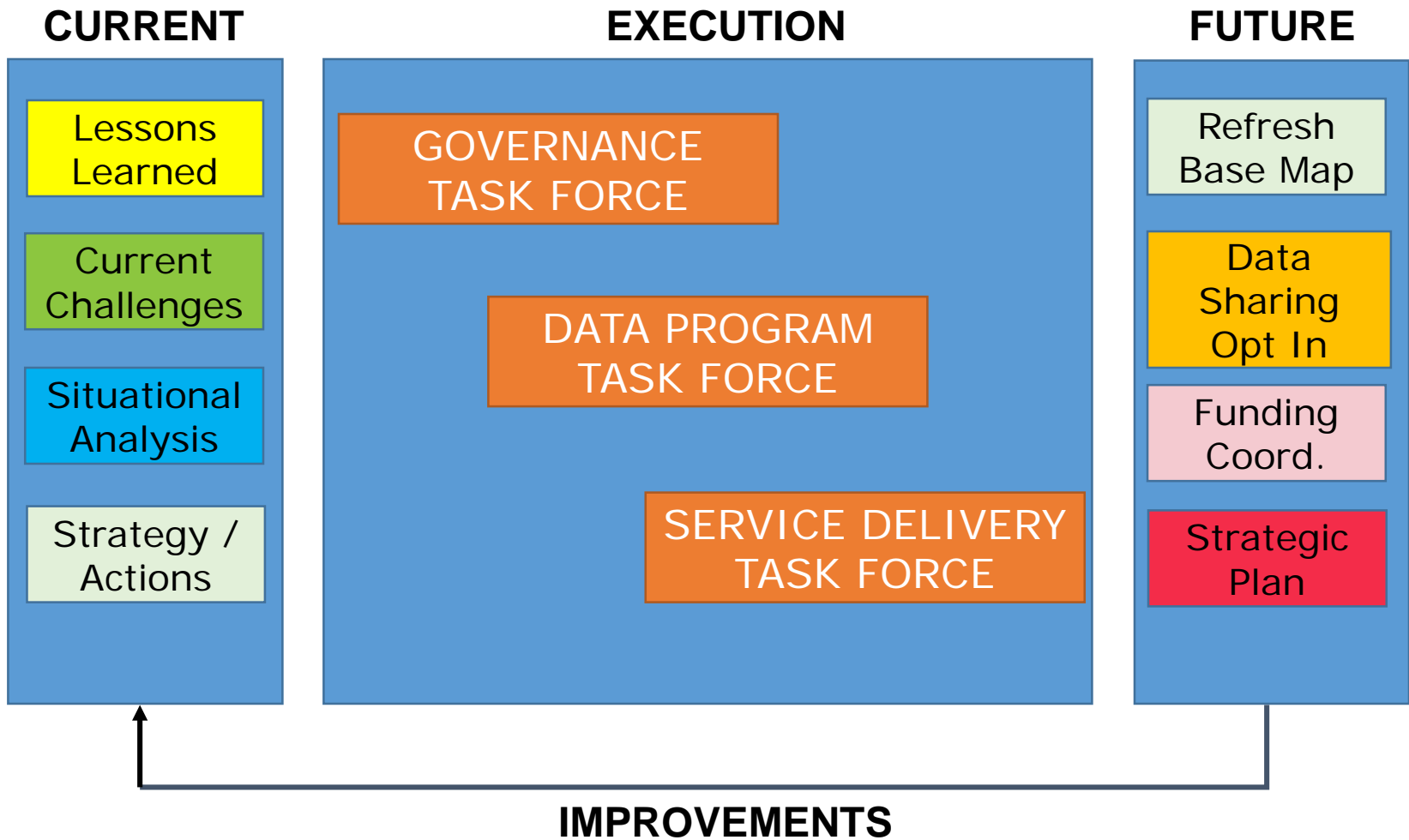
Task Force Updates

Service Delivery Task Force

Mission

The mission of the service delivery task force is to evaluate how geospatial services are delivered today in the commonwealth, evaluate how other states and counties deliver geospatial services and identify recommendations for how geospatial services should be delivered in the commonwealth to maximize investments.

Service Delivery Task Force

Key Focus Areas

Identify existing challenges and formulate recommendations to improve the current environment.

Assess existing center of excellence models to improve geospatial service delivery as cost effectively as possible

Establish a service delivery framework to improve geospatial service delivery in the commonwealth

Challenges	Opportunities
Limited data sharing across boundaries among state, counties and municipalities	• Avoid redundant investments • Enhance cross boundary data exchange and interoperability
Ineffective data duplication and incomplete data sets	• Establish framework to share data • Expose new channels to better service and delivery effective data services • Recommend establishing core metadata standards for service offerings to facilitate the discovery of relevant data and increase usefulness and improve data quality.
Data silos and information isolation	• Define Extract, Transform and Load (ETL) services that enable data stewards to update and maintain respective information • Explore Open Data initiative to enhance GIS capabilities to include services for public consumption

Data Program Task Force

Mission

The mission of the data program task force is to identify initiatives and approaches that remove barriers to sharing geospatial data across the commonwealth and promote cost effective approaches to data sharing.

The focus is on driving operational efficiencies and value-add solutions while advancing the commonwealth's delivery of geospatial services

Data Program Task Force

Key Focus Areas

Base Map for Authoritative Data Layers

Data Sharing Agreements

Ensuring that Existing GIS Clearinghouses and Services Promote Sharing

Challenges	Business Rationale
No official base map exists today that house authoritative data layers	• Creation of an official base map will ensure that work products are consistent across various entities. • Reduce redundant efforts • Promotion of data standards
No single data sharing agreement exists between government entities within the commonwealth	• Would encourage sharing • Would simplify the task of open sharing of data • Save time and effort by allowing for one master agreement to be used commonwealth-wide
Do the current GIS clearinghouses meet the goals of facilitating data sharing in an effective and efficient manner ?	• Review the capabilities of the existing clearinghouses • Perform a gap analysis between recommendations of the task forces and the capabilities • Consider financial benefits

Governance Task Force

Mission

The mission of the governance task force is to document the geospatial governance process in the commonwealth (to include all governmental entities), establish a list of major priorities or initiatives to address the needs of the broader geospatial community, evaluate approaches to accomplishing initiatives within existing budget constraints, identify opportunities for collaboration to meet common objectives and coordinate activities across other geospatial governing bodies.

Governance Task Force

Key Focus Areas

Assessment of key funding opportunities and a means to disseminate this information

Evaluation of the current state of GIS in PA

GIS Strategic Plan for PA that is concise, accessible and updateable on a regular/recurring basis

Challenges	Business Rationale
Effective communication about GIS related initiatives and products	• Awareness of GIS activities • Initiative collaboration • Strategic focus to GIS efforts • Reduce duplication • Common datasets and applications repurposed for many needs
There is not a centralized assessment of the current state of GIS across the commonwealth	• Governance ineffective without a clear "state of the state" across all organization types • Potential for major impacts on key issues such as emergency response to natural disasters, impact assessments of natural gas development, cost effectiveness of GIS programs among many other benefits.
Budgets and funding are too limited in order to make major changes to GIS approaches in PA	• Planning and implementation of changes to PA's GIS infrastructure and management unattainable. • For organizations to work collaboratively on a common data and services framework, resources will need to be outlaid to make that happen.
Lack of consistent statewide standards for data and dissemination of relative services	• NG911 requirements • Data sharing across all levels of government • Services sharing and integration across all levels of government

Survey

- Presentation by:
  - Barry Hutchins, Senior Public Safety GIS Program Manager, Lycoming County
  - Laura Simonetti, GIS Director, Mifflin County
- Geospatial Survey
  - A Review of Recent Survey Efforts by the GIS Pros

Next Meeting

- September 12, 2016, 2-3pm
    333 Market Street
    Harrisburg, PA 17126-0333