

Agreement Number: 07HQAG0042

2007 CAP Category 3: Fifty States Initiative IndianaMap Business Plan Return on Investment Study - Interim Report -

Report Date: October 5, 2007

Organization: Indiana Geographic Information Council, Inc.

Collaborating Organizations: IGIC has 27 elected members that participate on an active Board of Directors that represents 13 public and private sectors (see Table 1).

Organization Address: 140 North Senate Avenue, Indianapolis, IN 46204

Organization Internet Address: www.igic.org

Project Leader: Jill Saligoe-Simmel, Ph.D., IGIC Executive Director, 317-234-2924, jsaligoe@igic.org

Project Narrative

The Indiana Geographic Information Council (IGIC) is working to complete a return on investment study to support the business case for funding of Indiana's spatial data infrastructure.

Executive Summary: With FGDC CAP funding, IGIC and its partners will develop a business plan focusing on a return on investment analysis that identifies current GIS spending, duplication of effort, needs, benefits, financial and non-financial return. The objective is to substantiate adequate funding (or establish cost sharing mechanisms) to support and enable the operation.

It is our intent that the business planning effort should lead to the following outcomes:

- Assessment of the business needs of all stakeholder communities
- Identification of funding resources and mechanisms required for geospatial data coordination, collection, and maintenance activities
- Incorporation of measures for evaluating return on investments and developing cost benefit analyses
- Development of metrics that can be used to document success and needed improvements as the program develops

Summary of Project Activities

IGIC has focused its efforts for the first half of 2007 on institutionalizing, through legislation, the IndianaMap as the formal for all levels of government. This activity has been pivotal to substantiate adequate funding (or establish cost sharing mechanisms) to support and enable our statewide spatial data infrastructure.

The passage of legislation (effective July 1, 2007) establishes the formal appointment of a Geographic Information Officer by the Governor (anticipated October 29, 2007) and duties congruent with the objectives of the Business Plan Return on Investment Study. It formally defines framework data and establishes a non-reverting fund for GIS data development and maintenance. While no funding was provided for these activities beyond the hire of a GIO, it puts in place the necessary mechanisms for subsequent funding.

We have begun discussions with the State CIO and (TBA) GIO regarding their partnership on completing the study as a joint report from IGIC and the GIO. IGIC continues information gathering on business needs of stakeholder organizations, as well as documentation of return on investment from the Indiana 2005 Orthophotography Project. We have intentionally delayed the budget analysis of state expenditures until the GIO is formally appointed, at which time we will pursue this activity in tandem (November – January).

Key accomplishments to date

Objective Described In Project Plan	Accomplishments to date
IGIC will seek state leadership and funding for Indiana’s spatial data infrastructure... our part of the National Spatial Data Infrastructure.	IC 4.23.7.3 “Indiana GIS Standards” went into effect on July 1, 2007 establishing the position of Geographic Information Officer, defining framework data, data exchange agreements, and a non-reverting fund for GIS data development and maintenance
Assessment of the business needs of all stakeholder communities	Documentation of state agencies business cases and return on investment on the 2005 orthophotography project underway; state questions regarding return on investment implemented in the Indiana Ramona GIS Inventory; Local Government GIS Coordinators Forum scheduled for November 7th to gather local input on business needs
Identification of funding resources and mechanisms required for geospatial data coordination, collection, and maintenance activities	Investigation of other state’s business models for funding relevant to Indiana’s model is underway
Incorporation of measures for evaluating return on investments and developing cost benefit analyses	Pending appointment of state GIO on October 29, 2007; discussions underway
Development of metrics that can be used to document success and needed improvements as the program develops	Pending appointment of state GIO on October 29, 2007; discussions underway

Next Steps

The next steps in the project involve documenting the cost benefit analysis and program metrics in partnership with the GIO, finishing collecting input on stakeholder business needs, refining the return on investment study, and completing the final report.

Indiana Code 4.23.7.3 <http://www.in.gov/legislative/ic/code/title4/ar23/ch7.3.html>

Table 1. 2007 IGIC Board of Directors (www.igic.org)

State Government	<ul style="list-style-type: none"> • Office of the Governor • Office of the Lieutenant Governor • Indiana Office of Technology
County Government	<ul style="list-style-type: none"> • Association of Indiana Counties • Allen County, Indiana • Noble County, Indiana
Municipal Government	<ul style="list-style-type: none"> • Indiana Association of Cities and Towns • City of Richmond/Wayne County Government • Scottsburg Municipal Electric Utility
Federal Government	<ul style="list-style-type: none"> • U.S. Geological Survey • U.S. Department of Agriculture - NRCS
Education	<ul style="list-style-type: none"> • Indiana University • Indiana University Purdue University Indianapolis University Library
Regional GIS Consortia	<ul style="list-style-type: none"> • Northwest Indiana GIS Forum • Indianapolis Mapping and Geographic Infrastructure System
Regional Planning Commissions	<ul style="list-style-type: none"> • Indiana 15 Regional Planning Commission
GIS Service Providers	<ul style="list-style-type: none"> • The Schneider Corporation • EarthData International, LLC
Private Industry	<ul style="list-style-type: none"> • Zickler Associates, LLC • Schrader Real Estate & Auction Co
Not-For-Profit	<ul style="list-style-type: none"> • Indiana Farm Bureau • Hoosier Heartland/Indiana Association of Soil and Water Conservation Districts, Inc.
Utilities	<ul style="list-style-type: none"> • Veolia Water • Indiana Underground Plant Protection Service
Critical Infrastructure	<ul style="list-style-type: none"> • Verizon • Cinergy
Surveyors	<ul style="list-style-type: none"> • Indiana County Surveyors' Association • Indiana Society of Professional Land Surveyors
Members At Large	<ul style="list-style-type: none"> • Indiana Department of Environmental Management • Hamilton County