

Data Sharing Best Practices

Louisiana
Remote Sensing and
GIS Workshop

Session 8: Local Government
Wednesday, May 13, 2015

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Outline

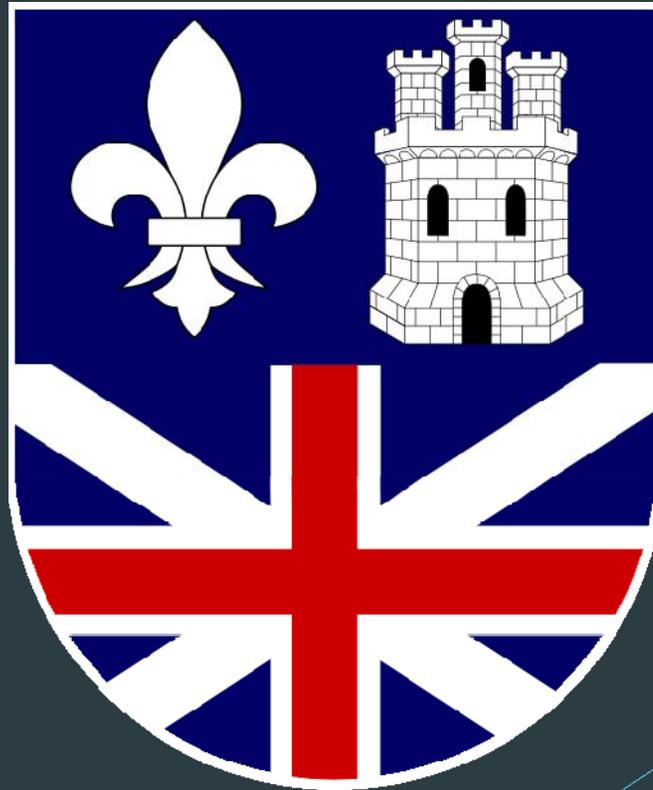
eBRGIS Program

- Background
- Enterprise Data Model
- Implementation

Open Government Initiative

- Objectives
- Open Data BR
- GIS Web Portal

Conclusion



East Baton Rouge Parishwide GIS Program

Vision

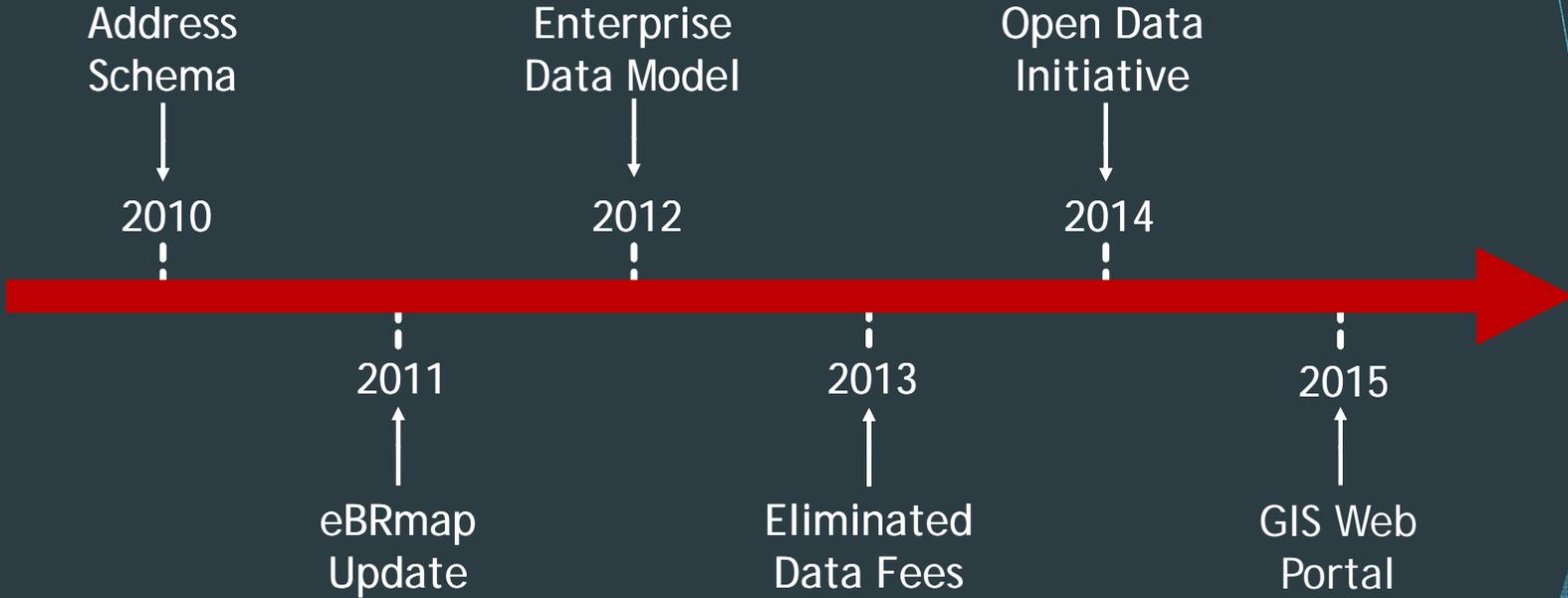
Enhance government operations and services through the implementation of a common location platform by extending GIS capabilities throughout the City-Parish.

Purpose

- Engage and provide geographic data to the public
- Assist City-Parish officials in making decisions
- Improve business workflows
- Enable data sharing
- Prepare for and respond to emergency events

eBRGIS Program

Recent Milestones



eBRGIS Program

Enterprise Data Model

- Central data repository
- LSDI Framework
- Authoritative data
- Materialized views
- Secure
- Redundant
- Weekly validations
- Weekly refresh
- Web Services



eBRGIS Program

Multi-Platform Software Environment



eBRGIS Program

Enterprise GIS Team

Program Management

Information Services

First Response

Fire Department

E911 Communications

Police Department

Juvenile Services

District Attorney

Homeland Security
Emergency Preparedness

Sheriff's Office

Animal Control

Infrastructure

Airport

Environmental Services

Transportation and
Drainage

Maintenance

Development

Mosquito Abatement and
Rodent Control

Planning

BREC

City of Central

Downtown Development

City of Zachary

Community Development

Parish Attorney

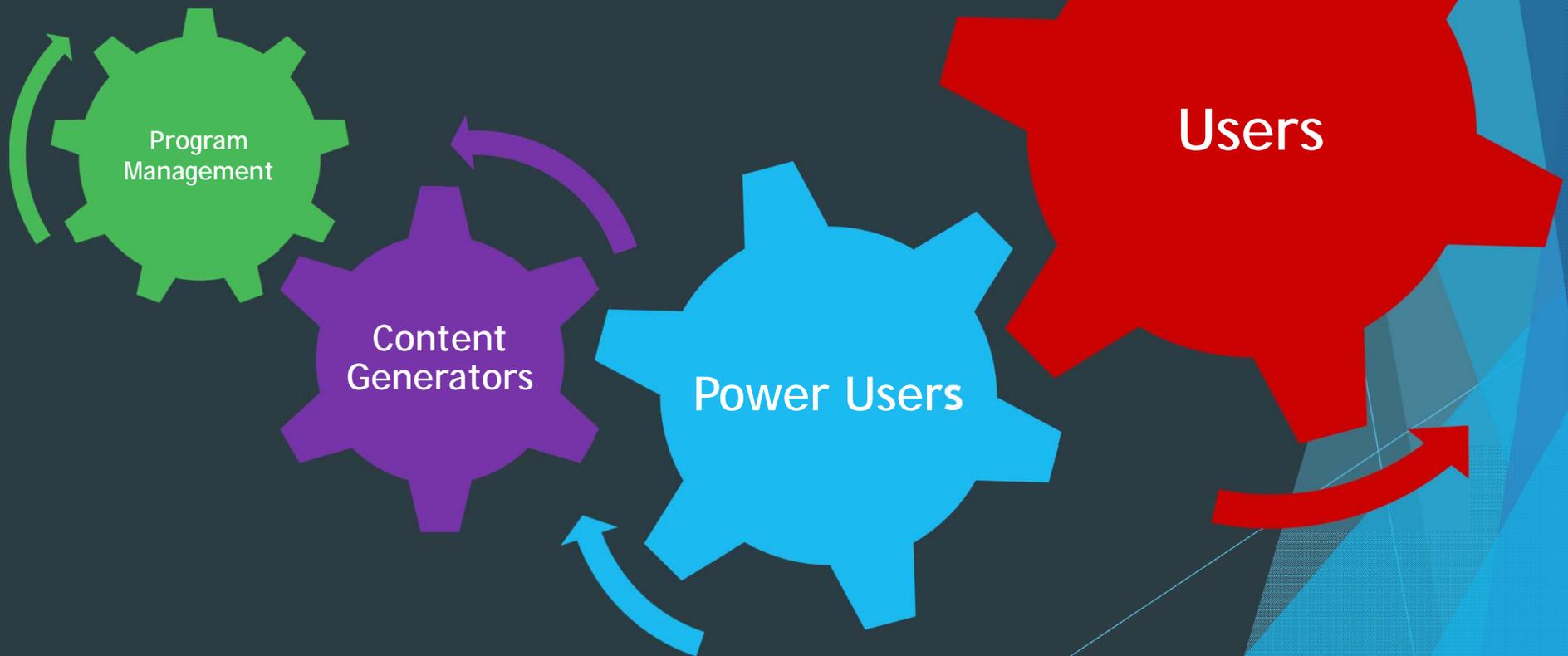
Planning Commission

Finance

Assessor

eBRGIS Program

Balanced Implementation



Open Government Initiative

Objectives

- Efficient, Effective, and Responsive Government
- Develop a hub for digital growth and technological innovation

Open data can facilitate:



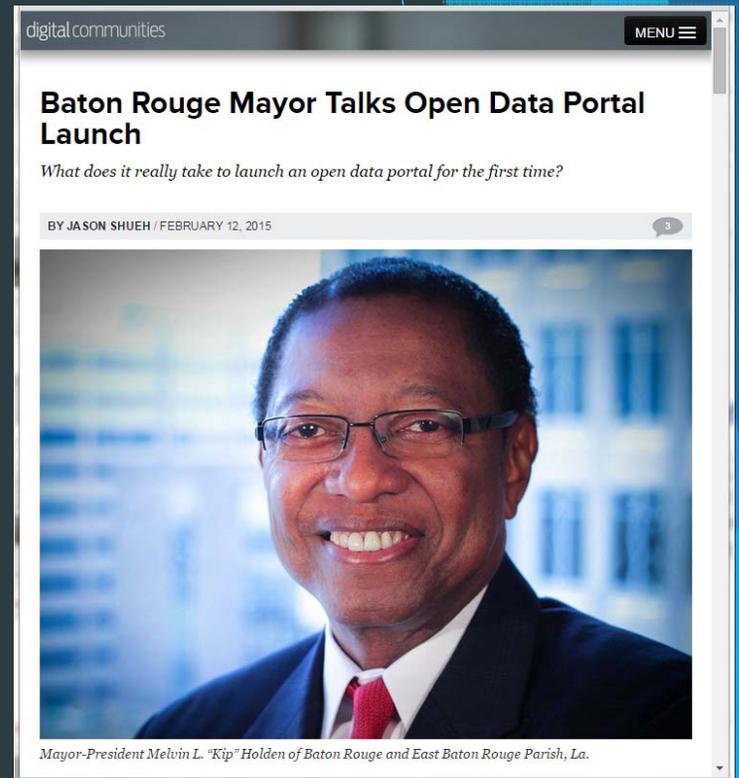
BETTER DECISION MAKING



GOVERNMENT TRANSPARENCY



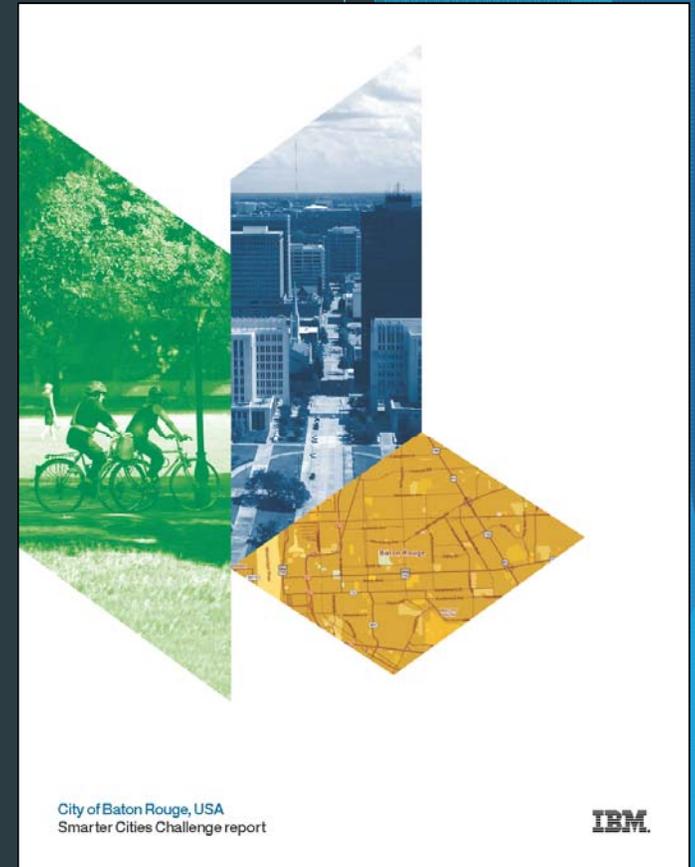
MORE INNOVATION



Open Government Initiative

IBM Smarter Cities Challenge

- Create a regional transportation governing body and technology team
- Hire a data champion and a data custodian
- Create a Chief Innovation Officer position
- Establish a data exchange
- Adopt a data-driven approach to transportation
- Implement data-driven highway infrastructure planning
- Provide better channels for stimulating active citizen engagement



Open Government Initiative

Open Data BR

- data.brla.gov
- Launched January 2015
- 47th City and/or County in USA
- 13 Datasets with more to come
- Six data categories:
 - Housing and Development
 - Government
 - Business and Financial
 - Public Safety
 - Transportation and Infrastructure
 - Culture and Recreation

The screenshot shows the homepage of the Open Data BR website. At the top, there is a navigation bar with the logo "OPEN DATA BR" and a search bar. Below the navigation bar, there is a main content area with a large image of a city skyline. A white box with the heading "Why Open Data?" is overlaid on the image. Below the image, there are six blue buttons with white icons representing different data categories: Housing and Development, Government, Business and Financial, Public Safety, Transportation and Infrastructure, and Culture and Recreation. At the bottom, there are three featured datasets: Employee Salary Data, Baton Rouge Crime Incidents, and Baton Rouge Fire Incidents, each with a small image and a brief description.

OPEN DATA BR

Sign Up | Sign In | f | t

Home Browse Data Applications Developers About FAQ City of Baton Rouge

Why Open Data?

Open Data BR is part of a comprehensive effort to create a more effective, responsive, transparent and connected government for the City of Baton Rouge and Parish of East Baton Rouge, Louisiana. Explore our City-Parish data by visiting the data catalog or clicking one of the links below.

- Housing and Development
- Government
- Business and Financial
- Public Safety
- Transportation and Infrastructure
- Culture and Recreation

Employee Salary Data
City-Parish employees' annual salaries and other payroll related information. Information is calculated after the last payroll is run for the year specified.

Baton Rouge Crime Incidents
Crimes reported in Baton Rouge and handled by the Baton Rouge Police Department. Crimes include Burglaries (Vehicle, Residential, and Non-residential), Robberies (Individual and Business), Auto Theft, Homicides and Rapes.

Baton Rouge Fire Incidents
Emergency calls responded to by the Baton Rouge Fire Department

City of Baton Rouge, Louisiana

Open Government Initiative

GIS Web Portal

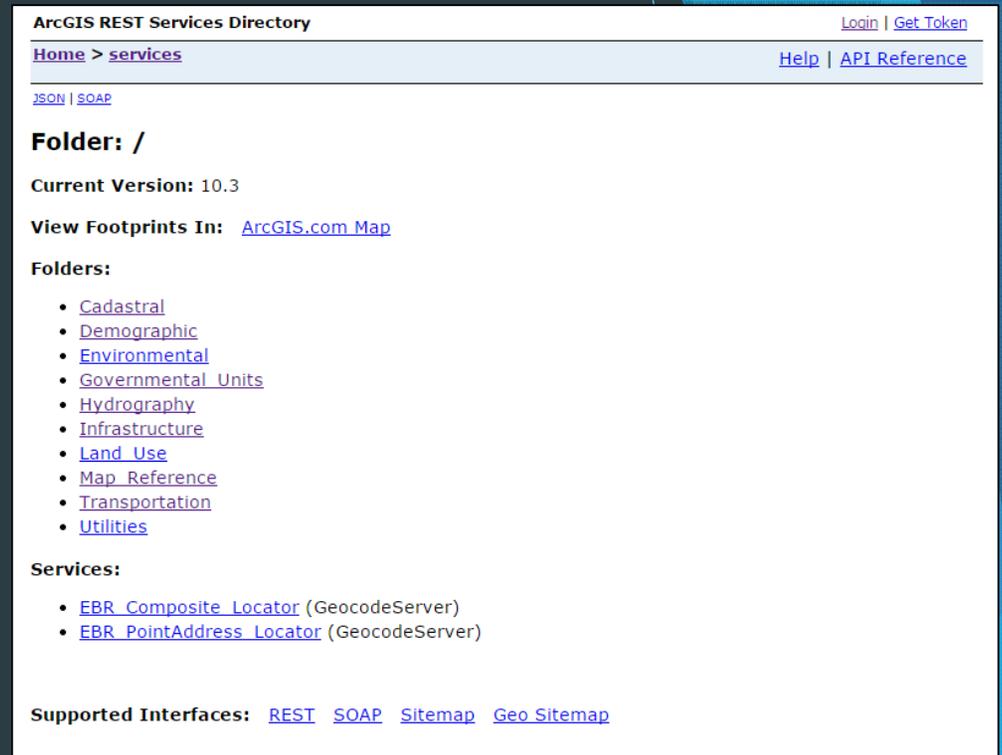
- ebrgis.maps.arcgis.com
- Soft Launch September 2014
- Improves City-Parish operations
- Makes it easy to share data
- Provides access and tools for the Public to use the data
- Official Launch May 2015

The screenshot shows the homepage of the City of Baton Rouge GIS Web Portal. At the top, there is a navigation bar with links for HOME, GALLERY, MAP, SCENE, and GROUPS, along with a Sign In button and a search icon. The main header features the City of Baton Rouge logo and the text "City of Baton Rouge Parish of East Baton Rouge GIS Web Portal". Below this is a large banner image of a city building. Underneath the banner are four featured map thumbnails: "Planning Maps and Apps", "Lookup Tools", "Traffic Map", and "Story Maps". A paragraph of text explains the site's purpose: "This site has been developed to provide users with authoritative geospatial products for data management, planning and analysis, field mobility, operational awareness, and citizen engagement. Please browse the gallery above or the various data categories below, and interact with the many reference maps, web maps, web applications, and other services that have been made available." Below this text is a grid of eight icons representing different data categories: Housing and Development, Government, Business and Financial, Environment, Public Safety, Transportation and Infrastructure, Culture and Recreation, and Other Resources. At the bottom, there are logos for "OPEN DATA BR", the City of Baton Rouge seal, and "CITY KEY UNLOCKING BATON ROUGE". A footer contains links for Esri.com, Help, Terms of Use, Privacy, Contact Esri, Contact Us, and Report Abuse.

Open Government Initiative

GIS Web Services

- maps.brgov.com/gis/rest/services
- Organized according to data model
- Service types
 - Esri REST
 - OGC WMS and WFS



ArcGIS REST Services Directory [Login](#) | [Get Token](#)

[Home](#) > [services](#) [Help](#) | [API Reference](#)

[JSON](#) | [SOAP](#)

Folder: /

Current Version: 10.3

View Footprints In: [ArcGIS.com Map](#)

Folders:

- [Cadastral](#)
- [Demographic](#)
- [Environmental](#)
- [Governmental_Units](#)
- [Hydrography](#)
- [Infrastructure](#)
- [Land_Use](#)
- [Map_Reference](#)
- [Transportation](#)
- [Utilities](#)

Services:

- [EBR_Composite_Locator](#) (GeocodeServer)
- [EBR_PointAddress_Locator](#) (GeocodeServer)

Supported Interfaces: [REST](#) [SOAP](#) [Sitemap](#) [Geo Sitemap](#)

Conclusion

Collaborate

- Discover - *engage users*
- Listen - *for details*

Coordinate

- Redundancy - *eliminate it*
- Responsibility - *take care of what is yours*

Compromise

- Perfection - *unlikely*
- Baby Steps - *"Rome wasn't built in a day"*



Questions?

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