Putting a Smart Communities Strategy to Work

esri®

Christopher Thomas, Director of Government Markets

What is a Smart Community?

A Safe Community

A Well Run Community

A Livable
and Sustainable Community

A Healthy Community

A Prosperous Community

esri | SMART COMMUNITIES

The Hub Concept Sets the Foundation

Strategy

is the first step.
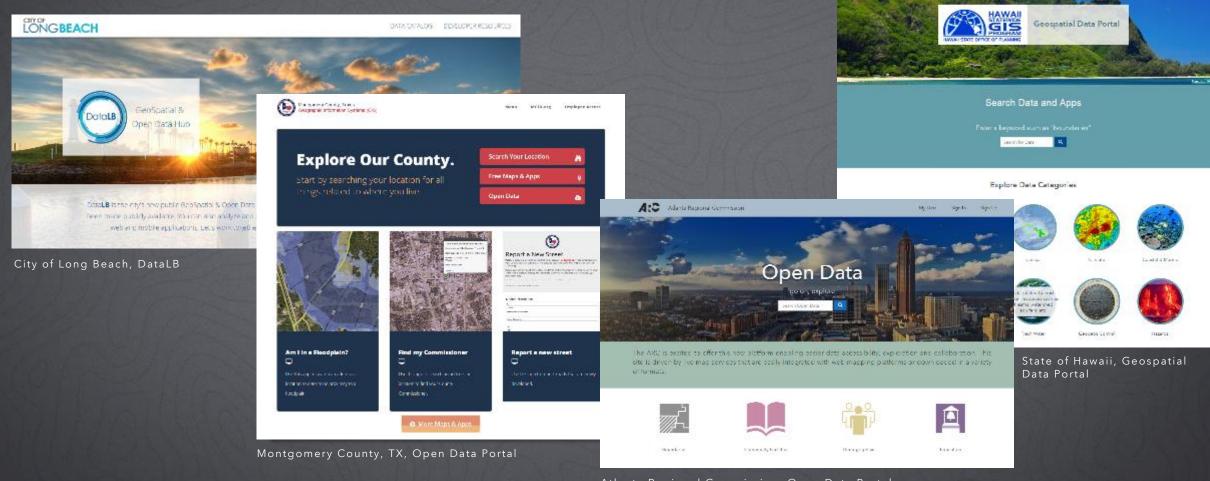
ORGANIZING DATA

ORGANIZING DATA

Inward-looking and Outward-facing Approaches

City of Long Beach, DataLB

Montgomery County, TX, Open Data Portal
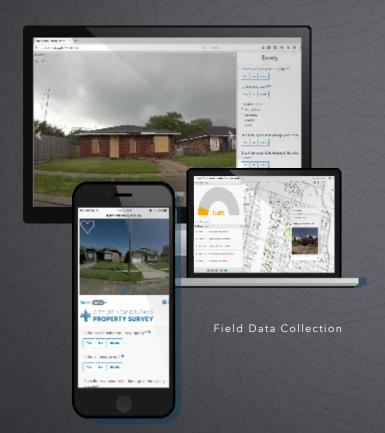
State of Hawaii, Geospatial Data Portal

Atlanta Regional Commission, Open Data Portal

esri | SMART COMMUNITIES

Operational Efficiency
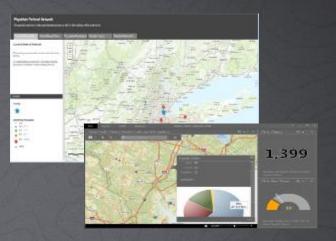
Operational Efficiencies

Improve Internal Workflows

Operations Dashboards

Field Data Collection
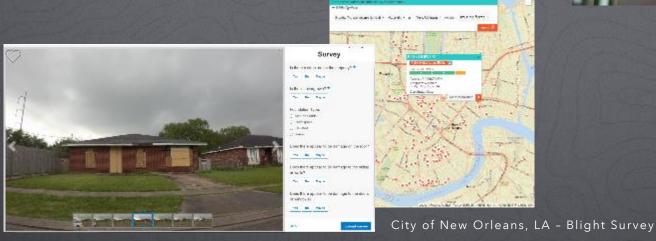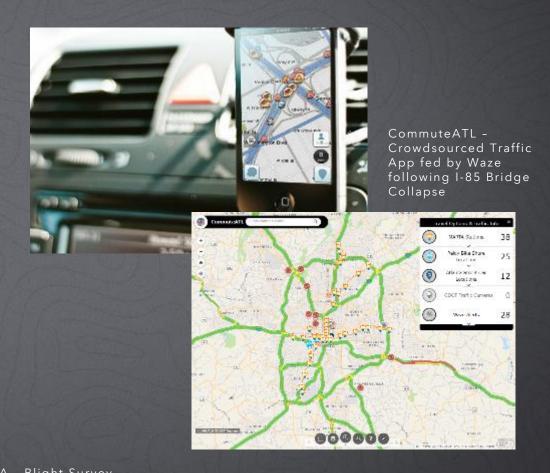
Maintain Data and Analyze Information

CITIZEN ENGAGEMENT

CITIZEN ENGAGEMENT

Finding things for people to rally behind for quick wins.

City of Long Beach, CA – Crowdsourcing Noise Complaints

CommuteATL – Crowdsourced Traffic App fed by Waze following I-85 Bridge Collapse

City of New Orleans, LA – Blight Survey

MOBILE

MOBILE

Collecting data for improved operational efficiencies

Drone2Map for ArcGIS, Horry County

Evaluation of Beach Erosion

Survey123 for ArcGIS, County of San Diego,
Health & Human Services Department

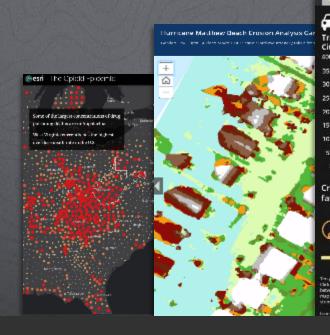*Efficient Blood Pressure Screenings*
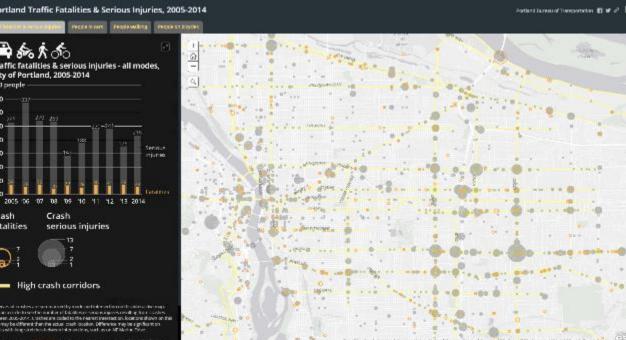
esri | SMART COMMUNITIES

MAKE DATA-DRIVEN DECISIONS

DATA-DRIVEN DECISIONS

Leading to better government

- Driven by open data and supplemented by crowdsourced data
- Acting on actionable intelligence in real-time
- Dashboards and reports
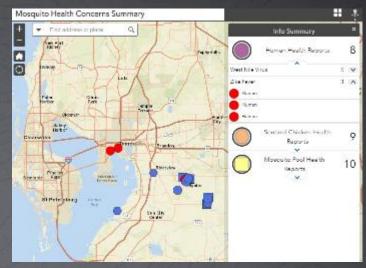- Iterative policy making

SET THE FOUNDATION FOR IoT

SET THE FOUNDATION FOR IoT

Ensure all of your systems are interconnected

- Start with major workflows and enable them for real-time operations

Hillsborough County, FL – Zika Virus Tracking

Madison County, KY – Snow Solutions

Boston Marathon

esri | SMART COMMUNITIES

Christopher Thomas

Director of Government Markets

🐦 @GIS_Advocate   ✉ cthomas@esri.com

in christopherthomasesri

We have a series of resources:

- ArcGIS for State & Local Government Solutions

- ArcGIS Hub

- esri.com/smart communities

esri | THE SCIENCE OF WHERE