Creating a CIVICally Minded Web App Leveraging Existing Resources

Charles Purma -- IT Project Manager
Megan Bell -- Sr Business Consultant

2014 ESRI UC ~ San Deigo, CA
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THE BEST ACRONYM!
CIVIC
Capital Improvements
Visualization, Information & Communication
Core City of Austin Values

Sustainability Action Areas

- Green Economy & Innovation
- Health & Safety
- Liabilities & Complete Neighborhoods
- Mobility & Air Quality
- Energy & Climate
- Water Security
- Ecosystems & Green Infrastructure
- Zero Waste
- Arts & Culture
- Schools & Youth

Prezi
Livability & Neighborhoods

- **342** Permanent Supportive Housing units created
- **885** acres of sustainable development underway at Mueller Neighborhood Redevelopment and Seaholm EcoDistrict

Properties Rated Through Austin Energy Green Building:

<table>
<thead>
<tr>
<th>Type</th>
<th>Properties Rated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single family</td>
<td>616</td>
</tr>
<tr>
<td>Multi-family</td>
<td>1,548</td>
</tr>
<tr>
<td>Commercial</td>
<td>2,035</td>
</tr>
</tbody>
</table>
Mobility & Air Quality

- 2,405 signalization improvements that ease traffic congestion
- 37.8 miles of new bike lanes built
- 12.5 miles of sidewalks added
Core City of Austin Values
The Foundations
Let's coordinate! We need data on a map!
2011

Open Government

Sustainability

Coordination Meetings

Proof of Concept
"To provide information to the public about how GO bonds and other CIP funds are spent with the development of an online system at austintexas.gov."

The requirements

1. Show how GO bonds and other funds are being spent on city infrastructure
2. Map of projects and programs
3. Key project information (e.g. description, status, funding, etc.)
4. Reports showing the geographic distribution of past and present infrastructure investments
Bunch of meetings

2012
Then waiting...
More waiting...
Even more waiting...
2013 - 2014

...And GO!
What worked for us

- Get the right people involved
- Research and alignment
- Good requirements that paint clear picture
- User focused, Agile teams
- Leverage existing resources
- Less is more -- simplicity
- Get it out there!
The technology

- Crazy workflow
- ESRI JavaScript API for ArcGIS Server
- ASP.net/MVC Framework
- Twitter Bootstrap for UI
- Old-school for devices
- Drupal
Using GIS to answer CIVIC questions!

http://www.austintexas.gov/civic
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THANKS!

Questions?

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