Smart Communities Begin with Smart Planning
Keith Cooke
Adam Carnow
Land Use Case Workflow

- Process the application
- Visualize and analyze the design
- Inform and engage the public
- Project review with director
- Produce the Planning Commission agenda
ArcGIS

Providing mapping, analysis, data management, and collaboration

An Integrated Web GIS Platform

Desktop  Web  Device

Server  Online Content and Services
ArcGIS enables every employee and contractor to easily discover, use, make, and share maps from any device, anywhere, anytime.
Support for Planning

Long Range Planning
- Comprehensive Planning
- General Land Use / Transportation Planning
- Special District Planning

Current Planning
- Development Review
- Zoning Regulation and Re-zonings
- Special District Management
- Code Inspection / Enforcement
- Permitting

Decision Maker Communication
- Agenda Compilation & Review
- Planning Commission Presentation
Senior Planner, Planning Staff, other Domain SMEs

City Council, Planning Commission, Planning Director

Citizen Engagement and Public Comment

Code Inspection and Enforcement

Integrating with permitting or other business systems.

Web GIS

ArcGIS

GIS and Planning Professionals
Land Use Case Workflow

- Processing and Analyzing the Case
  - Land Use Inquiry
  - Permitting Review with Insights
Land Use Case Workflow

- Visualizing and Analyzing the Design
  - Visualize Proposed Development
  - Shadow Impact Analysis
  - GeoPlanner
Land Use Case Workflow

- Informing and Engaging the Public
  - Public Notification
  - Crowdsourcsource Polling / Manager
  - 3D Public Survey
  - Survey123
Land Use Case Workflow

- Director Project Review
  - Insights for ArcGIS
  - Community Analyst
Land Use Case Workflow

• Producing the Planning Commission agenda
  - Story Map
ArcGIS is a Platform for Smart Planning

- **ArcGIS Online / Portal for ArcGIS**
  Discover, use, make, and share maps from any device, anywhere, anytime

- **ArcGIS Solutions**
  Configurable, open, and fully-supported COTS applications supporting common workflows

- **GeoPlanner**
  Conceptual planning and analysis in a single collaborative web application

- **CityEngine**
  Improving urban planning and design with efficient 3D scenario authoring

- **ArcGIS Pro**
  Data management, analysis, and publishing of 2D and 3D scenarios

- **Collector / Survey123 App**
  Take your maps into the field on any device to update records

- **Community Analyst**
  Web-based demographic, business & socio-economic data & analysis.
## Essential Patterns of a Smart Planning Location Strategy

<table>
<thead>
<tr>
<th>Location Enablement</th>
<th>Constituent Engagement</th>
<th>Decision Support</th>
<th>Field Mobility</th>
<th>Analytics</th>
<th>Location Data Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>ArcGIS Pro</td>
<td>Commission Agenda Story Map</td>
<td>GeoPlanner</td>
<td>Photo Survey</td>
<td>Insights for ArcGIS</td>
<td>3D Scene Development</td>
</tr>
<tr>
<td>ArcGIS Online</td>
<td>Crowdsourcing Polling / Reporter</td>
<td>Operations Dashboard</td>
<td>Code Enforcement</td>
<td>Desktop Analytics</td>
<td>Land Use, EIR Data</td>
</tr>
<tr>
<td>Portal for ArcGIS</td>
<td>3D Public Survey</td>
<td>3D Development Review</td>
<td>Survey123</td>
<td>Community Analyst</td>
<td>Shared GIS Web Services</td>
</tr>
<tr>
<td>ArcGIS Maps for Office</td>
<td>Public Notification</td>
<td>Blight Monitoring &amp; Prevention</td>
<td>Collector for ArcGIS</td>
<td>Tapestry Segmentation</td>
<td>ETL, Permit Integration</td>
</tr>
</tbody>
</table>

**Tools and Solutions**
- ArcGIS Pro
- ArcGIS Online
- Portal for ArcGIS
- ArcGIS Maps for Office
- Commission Agenda Story Map
- Crowdsourcing Polling / Reporter
- 3D Public Survey
- Public Notification
- GeoPlanner
- Operations Dashboard
- 3D Development Review
- Blight Monitoring & Prevention
- Photo Survey
- Code Enforcement
- Survey123
- Collector for ArcGIS
- Insights for ArcGIS
- Desktop Analytics
- Community Analyst
- Tapestry Segmentation
- 3D Scene Development
- Land Use, EIR Data
- Shared GIS Web Services
- ETL, Permit Integration
To learn more, please visit Community Planning in the Government Neighborhood