In Search of the Holy Grail: Enterprise GIS

Join the knights of York Region as they search for the enigmatic Holy Grail.
In Search of the Holy Grail: Enterprise GIS

Join the knights of York Region as they search for the ever illusive Holy Grail
Even Keel Strategies to the Holy Grail:

1 Coin: Enthusiasts  
2 Coins: Departmental  
3 Coins: Central

4 Coins: Integration  
5 Coins: Enterprise

The Holy Grail requires 80 coins in total

5 places to retrieve coins:

**ALIGNMENT**: Exec Support, Priorities, Governance

<table>
<thead>
<tr>
<th></th>
<th>1 - Enthusiasts</th>
<th>2 - Departmental</th>
<th>3 - Central</th>
<th>4 - Integration</th>
<th>5 - Enterprise</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Alignment</strong></td>
<td>None</td>
<td>Aligned only with individual Department</td>
<td>Broader enterprise focus due to new support role</td>
<td>GIS Strategic Plan defined</td>
<td>GIS strategies are aligned with Enterprise Strategic Initiatives and included in the Enterprise Strategic Plan</td>
</tr>
<tr>
<td><strong>Governance</strong></td>
<td>None</td>
<td>None</td>
<td>Establishment of User Group</td>
<td>Cross-Department GIS Steering Committee</td>
<td>GIS has a seat in the Enterprise Technology Steering Committee</td>
</tr>
<tr>
<td><strong>Budgeting</strong></td>
<td>None</td>
<td>Departmental expense. No support from other departments.</td>
<td>Funding limited to staff and infrastructure. Special projects compete for funds</td>
<td>Operational budget for infrastructure and software is enhanced with funds for enterprise projects.</td>
<td>Operational budget includes funding for enterprise GIS initiatives as a cost of doing business.</td>
</tr>
<tr>
<td><strong>Enterprise Projects</strong></td>
<td>None</td>
<td>Ad hoc collaboration, if any</td>
<td>Focus on new GIS Workflows to manage &amp; fulfill requests from multiple departments</td>
<td>GIS is used as the Enterprise Dashboard for “Current State” of operations. GIS Projects focused on Enterprise productivity</td>
<td></td>
</tr>
<tr>
<td><strong>Exec Support</strong></td>
<td>None</td>
<td>Department management only</td>
<td>Priorities are set within GIS Organization.</td>
<td>Executive recognition of GIS as a strategic technology. It is used by executives for decision analysis.</td>
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</tr>
</tbody>
</table>
...and so the journey begins:

York Region

ALIGNMENT

DATA MANAGEMENT

ACCESSIBILITY

SUSTAINABILITY

INTEGRATION

Holy Grail

Lost Accountant

[Diagram with various elements and annotations]
2011 Strategic Plan

From Vision to Results: 2011 to 2015 Strategic Plan
Bridging the gap between strategy and day-to-day operations

Alignment

GISB Multi-Year Plan

MULTI-YEAR PLAN
2012 - 2015
Information and Technology Governance Board

Corporate Information and Technology Governance Body

Approve

Information and Technology Governance Board (ITGB)

- Portfolio Management Committee (PMC)
- Information Management Committee (IMC)
- Technology Steering Committee (TSC)

See Team Composition

Governance
Budgeting

Operating Budget
- Staff
- Training
- Data
- External Services (Consultants)
- Hardware/Software

Capital Budget
- Software Upgrade
  - ArcGIS 10.1
- Yorkmaps
Enterprise Projects
ALIGNMENT

23
Production Mapping

Data Quality
Data Collaboration

Spatial Data Warehouse

PAR Model

Employment Lands

Data Modeling
Production Mapping - Street Atlas

Street Atlas
Spring 2013

Maximo

Metadata Standards

Data Management
Yorkmaps

Story Maps

Clip Zip and Ship

Voyager

Property Viewer

Ease of Use
ACCESSIBILITY
INTEGRATION

Enterprise Workflow

Systems Integration

Tech Architecture
Employment Survey

Enterprise Workflow
Systems Integration
Geocortex

Business Directory

Source Water Protection

Property Viewer

GIS Workflows
Spatial Analysis

Roles
Holy Grail

Total Accumulated:

80

73
Other Initiatives:

YorkInfo Partnership

Data Sharing and Accountability

GetInformed Event
### The Next Level: GISB Work Plan (2012 - 2015)

#### Project Duration Projections:
- March 2012
- October 2012
- May 2013

#### Key Areas:

<table>
<thead>
<tr>
<th>Area</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
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</thead>
<tbody>
<tr>
<td><strong>Strategic</strong></td>
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<tr>
<td>Smart Region Core</td>
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<tr>
<td>Smart Region Resilience</td>
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<tr>
<td>Data Driven Policy</td>
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<tr>
<td><strong>Transport</strong></td>
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<tr>
<td>Public Transportation</td>
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<td>Public Transportation Planning</td>
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<td><strong>Public Safety</strong></td>
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<tr>
<td>Emergency Management</td>
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<td><strong>Community Health</strong></td>
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<td>Community Health Strategies</td>
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<td><strong>Technology</strong></td>
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<td><strong>Governance</strong></td>
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<td>Governance Framework</td>
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<td><strong>Partnership</strong></td>
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<tr>
<td>Strategic Partnership Review</td>
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<td><strong>Spatial Data</strong></td>
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<td>Community Data Collection</td>
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<td>GIS Policy Framework</td>
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<td>Workflow System for Data Entry</td>
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<td>Orthophotography, GIS Expansion</td>
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<td>WebGIS Portal, Renewal</td>
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#### Additional Projects:
- Address Validation for Cell Centers
- Accessible Information
- Drawing Repository, CAD Standards, CAD GIS Translation
- Enterprise GIS
- Get Enterprise Ready
- Online-based Access to GIS
- Smart Device and Mobile GIS
- GIS System Integration
- Cloud Computing
- **Partnership**
- Strategic Partnership Review - Who Does What
- Federated Data Warehouse
- Digital Plan Submissions
- Utilities One Window
- **Spatial Data**
- Community Data Collection
- GIS Policy Framework
- Workflow System for Data Entry
- Orthophotography, GIS Expansion
- ArcGIS ArcMap Road model review
- Data Discovery
- Esri Enterprise
- Open Data
- **GIS Capacity**
- GIS Services
- Help Desk and Troubleshooting
- WebGIS Portal, Renewal

**Note:**
- The chart includes additional projects and milestones for each year up to 2015.
- The color coding represents the timeline and status of projects.
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