Regional Planning, Local Implementation, and Scenario Planning

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Boston Metropolitan Area Planning Council

New Partners for Smart Growth
4 February 2012
Scenario Planning “Learning Space”

Context and Scaffolding

Establish context: existing conditions, local & regional trends
Locally relevant impact measures
Stepwise introduction of new indicators

Structured Interaction

Policy-specific assumptions
Selected indicators to highlight competing interests, reveal cognitive dissonance
In the beginning, there were spreadsheets…

<table>
<thead>
<tr>
<th>Land Use Summary</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Land Developed (Acres)</td>
<td>19,895</td>
<td>14,330</td>
</tr>
<tr>
<td>Acres You are Willing to Lose</td>
<td>20,030</td>
<td>12,983</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Combined Outcomes</th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Housing Shortfall? (number of units)</td>
<td>0</td>
<td>-12,636</td>
</tr>
<tr>
<td>Jobs at Risk</td>
<td>0</td>
<td>-8,773</td>
</tr>
<tr>
<td>Number of Moderately Priced Units</td>
<td>25,576</td>
<td>36,132.6</td>
</tr>
<tr>
<td>Housing Units in Existing Neighborhoods</td>
<td>87,388</td>
<td>104,589</td>
</tr>
<tr>
<td>Number of New Units near Transit</td>
<td>62,745</td>
<td>85,163</td>
</tr>
<tr>
<td>Local Water Systems with Regulatory Deficit</td>
<td>1</td>
<td>-</td>
</tr>
</tbody>
</table>
Interactive Regional Scenario Modeling

"Winds of Change"
- 45% of new units in Downtown districts
- 45% in Residence A district
- Slow growth in other districts
• More single family homes and accessory apartments
• 40% fewer units in multifamily housing
• Twice as many potential customers for local businesses
Green Line Extension: Route 16 Station
Facilitated Tabletop Scenarios
Visual and Quantitative Information

Housing Opportunities
Focus Area 1

![Chart of Housing Opportunities](chart.png)

- Market Rate: 8
- Affordable: 30

![3D Rendering of Building](3d.png)
Additive Indicators
Highlighting Competing Interests

- **Housing Opportunities**
  - Focus Areas
  - Market Rate: 8
  - Affordable: 73
  - Senior Affordable: 144
  - Total: 225

- **Commercial Tax Revenue**
  - Focus Areas
  - Annual Tax Revenue ($): 130,400
  - Total: 462,000

- **Trips by Mode**
  - Neighborhood Total
  - Walk/Bike: 4,310
  - Transit: 2,810
  - Auto: 15,570
  - Total: 22,690

- **Projected Employment**
  - All Focus Areas
  - Estimated Jobs: 390
  - Total: 390

- **Other Diagrams**
  - Presentation view with navigation buttons and date: 2/4/2012
  - 11:00 AM
Thank You!

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