GBI St. Louis – How Does It Rate?
Presented by: Kim Hibbs, CGP

- NAHB - Certified Green Professional
- St. Louis HBA Board of Directors
- Chairman of HBA Custom Home Builder’s Council
- Member of St. Louis HBA Green Building Steering Committee
St. Louis GBI Program

- Managed by St. Louis HBA
- Launched October 2005
- 111+ homes verified (69 in pipeline)
- Certification through Laclede Gas
Guiding Principles

- Lot Design, Preparation, Development
- Resource Efficiency
- Energy Efficiency
- Water Efficiency
- Indoor Environmental Quality
- Operation, Maintenance, Owner Education
- Global Impact/Additional Points (NAHB)
Results

Gold, Silver, Bronze certified homes that –

- Are better built
- Are more efficient
- Are more durable
- Provide better indoor air quality
- Soften environmental impact
Hibbs Homes Verified Green Homes
GBI Influences NAHB National Standards

- St. Louis GBI was template for original NAHB Green Building Guidelines
- 2007 – NAHB and ICC partnership
- 2009 - ANSI approved National Guidelines
GBI vs. National Standards

- Emerald Certification Level
- More “Formal”
- Mandatory Compliance
- Higher Thresholds
- Larger Homes = More Points Needed
- Energy Efficiency In-line With Energy Star
- Emphasis on Site Prep, Infrastructure, Mass Transit, Density
Gold vs. Bronze
## Gold vs. Bronze

### Guiding Principles

<table>
<thead>
<tr>
<th>Guiding Principles</th>
<th>GBI</th>
<th>Nat’l Std.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lot Design, Preparation, Develop</td>
<td>37</td>
<td>57</td>
</tr>
<tr>
<td>Resource Efficiency</td>
<td>108</td>
<td>63</td>
</tr>
<tr>
<td>Energy Efficiency</td>
<td>102</td>
<td>58</td>
</tr>
<tr>
<td>Water Efficiency</td>
<td>40</td>
<td>14</td>
</tr>
<tr>
<td>Indoor Environmental Quality</td>
<td>86</td>
<td>112</td>
</tr>
<tr>
<td>Operation, Maintenance, Owner Education</td>
<td>19</td>
<td>15</td>
</tr>
<tr>
<td>Global Impact/Additional Points</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><strong>TOTAL POINTS</strong></td>
<td><strong>394</strong></td>
<td><strong>319</strong></td>
</tr>
</tbody>
</table>
Future?

- Phasing out of local standards/programs
  - NAHB Guidelines Sunset Underway
- Combining NAHB National Standards and LEED-H