Gary Liss
National Recycling Coalition

Sustainable Materials Management Strategy

November 7, 2016
SERDC Summit, Atlanta, GA
NRC’s SMM Process

White Papers and Webinars

SMM Summit

Drafted SMM Strategy

Review & Comment

NRC Board Approved 9-29-15
SMM Summit

National Sustainable Materials Management Summit

- May 12 & 13, 2015
- University of Maryland
- Over 130 Attendees
- Broad representation by cross-section of those working in SMM

Together, We Are Recycling
National Recycling Coalition

Sustainable Materials Management Strategy
SMM Strategy

➢ Road Map
  ▪ Background
  ▪ How SMM Can Help Recyclers+
  ▪ How Recyclers+ Can Help SMM
  ▪ NRC SMM role over next 24 months

➢ NRC National SMM Action Plan
Scope of NRC Role in SMM

Rethink: Avoid Consuming and Wasting

Source Reduction: Reduce Amount and Toxicity of Materials Used in Manufacture

Redesign: Design for Reuse, Recycling and Composting

Market Development: Support and Enhance Infrastructure for Reusable and Recyclable Materials

Consumer Behavior: Reduce Consumption, Buy Reuse-, Recycled- and Compost-based Products and Services

Waste Prevention: Reduce Amount and Toxicity of Materials Used by Consumers

Reuse: Used, Reusable, Repair, Repurpose, Upcycle

Recycle: Commodity Recycling, Organics Recycling/Composting
SMM Road Map

- NRC SMM Roundtables
- Engage NRC Stakeholders (*past and present*)
- Create clearinghouse of resources
- SMM Mini-Summits
- NRC SMM Recyclers+ Design Roundtables
SMM Road Map

- User’s Guide to SMM LCAs
- Partner with Universities
- Organize future SMM Summit
- Organize workshops, seminars and webinars
- Set up SMM Google Groups
SMM Road Map

- Promote training programs
- Support R&D efforts
- Identify synergies with federal efforts
- Pursue NAICS codes for Recyclers+
- Secure funding to support these activities
SMM Road Map

Connects to EPA Strategic Plan

- Built Environment
- Food Recovery
- Packaging
## Connects with USZWBC Scorecard

### Facility Totals (Pre Certification Estimates)

<table>
<thead>
<tr>
<th>Facility</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bronze: 31-37 points</td>
<td>81</td>
</tr>
<tr>
<td>Silver: 38-45 points</td>
<td></td>
</tr>
<tr>
<td>Gold: 46-63 points</td>
<td></td>
</tr>
<tr>
<td>Platinum 64-81 points</td>
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</tbody>
</table>

### Overview of Categories & Points

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
<th>Points</th>
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<tbody>
<tr>
<td>Redesign</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Reduce</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>Reuse</td>
<td>7</td>
<td>5</td>
</tr>
<tr>
<td>Compost (Re-earth)</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>Recycle</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>ZW Reporting</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Diversion (Min 90%)</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>ZW Purchasing</td>
<td>9</td>
<td>81</td>
</tr>
<tr>
<td><strong>Total Points</strong></td>
<td></td>
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</tbody>
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Join with NRC to Pursue SMM!

Gary Liss
National Recycling Coalition
916-652-7850
gary@garyliss.com
www.garyliss.com
http://nrcrecycles.org/smm/