Our Packaging Journey
February 12, 2018
Is it possible to build a business that can make money and NOT damage the environment?

A long time ago on a farm not very far away

Stonyfield started as an organic farming school – yogurt came later.

Founded in 1983 in Wilton, NH
**Healthy Food**
We will craft and offer the most delicious and nourishing organic yogurts and dairy products.

**Healthy Planet**
We will help protect and restore the planet, and promote the viability of family farms.

**Healthy People**
We will enhance the health and well-being of our consumers and colleagues.

**Healthy Business**
We will prove that healthy profits and a healthy planet are not in conflict, and that in fact dedication to health and sustainability enhances shareholder value.

We believe that business must lead the way to a more sustainable future.
Roles of Packaging

- Attracts
- Informs
- Preserves & Protects
Packaging Considerations

- Environmental impact
- Performance
- Safety
- Shelf appeal
- Cost
- Consumer use
This toothbrush was made from our recycled yogurt cups.

Introducing the Preserve® toothbrush by Recycline. Learn more at www.recycline.com or call 1-888-354-7296.
The Life of a Stonyfield Farm Cup

1. Petroleum Drilling and Refinery
2. Plastic Resin Manufacturer
3. Cup Manufacturer
4. Yogurt works, Londonderry, NH
5. Consumer
Packaging Life Cycle

- Energy
- Material Use
- Water
- Solid Waste

- Global Warming
- Ozone Depletion
- Air Pollution
Packaging reductions

Foil lid replacement

- Energy: 16%
- Water: 13%
- Waste: 6%

$1 MM saved annually
100 tons of packaging avoided annually
Ergonomic improvements
Packaging reductions

Form, fill and seal

- Reduced packaging by more than one third!
- Efficiency and productivity gains

$1.8 MM saved annually

Annual savings of 250 tons of materials
Bio-based Packaging

First use of plant-based packaging in dairy (2010)

- Carbon savings
- PLA outperforms polystyrene
- Cost reduction
- Addressed consumer concerns
Packaging Efficiency

The most recyclable is not necessarily the lowest environmental burden!
Packaging Systems
Packaging Safety

Hazard Screen Red List

<table>
<thead>
<tr>
<th>Prohibited Materials</th>
<th>Including</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carcinogen</td>
<td>NO BPA</td>
</tr>
<tr>
<td>Mutagen</td>
<td>NO phthalates</td>
</tr>
<tr>
<td>Reproductive Toxins</td>
<td>NO PVC</td>
</tr>
<tr>
<td>Endocrine Disruptor</td>
<td>NO Mercury</td>
</tr>
<tr>
<td>Persistent, Bioaccumulative &amp; Toxic Metals</td>
<td></td>
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</tbody>
</table>
Packaging Resources

- Walmart Sustainability Hub
- Packaging Playbook
- Sustainable Packaging Coalition
- Assoc of Plastic Recyclers Design Guide
- How2recycle
- Pure Strategies, Inc.
- UC Santa Barbara, Bren School
- U of Michigan, Center for Sustainable Systems
- Preserve, Gimme 5
- FTC Green Guides