Printpack  Environmental Stewardship & Responsibility
Printpack at a Glance

Industry leader in **flexible and specialty rigid packaging**

- 60+ Years of Experience
- 3,200+ Associates
- $1.3+ Billion in Annual Sales
- 18 Manufacturing Plants
Current external view of Plastics
What needs to happen, according to *The New Plastics Economy: Catalysing Action*, Published 1/13/17
So what is a converter to do?
Sourcing and commercializing renewable materials

Our cereal liners are 68% renewable content

From 2007-2017 we will have reduced

- Energy: -20%
- Water: -30%
- GHG: -10%
- Waste to landfill: -40%

Substitution reduces total packaging and improves logistics

Innovative packaging reduces food waste

First to commercialize a recyclable barrier coffee pod

Ask us what’s coming next!

Member of How2Recycle
Pre-Qualifying Film for H2R

But what about all of the other packaging???
Typical Snack Bag Film Structure

Film Structure:

Matte Overprint Varnish / PET (0.48 mil) / Inks / Adhesive / OPP (1.00 mil) / Adhesive / LLDPE / mPE Coex Film (2 mil)
## Film Properties By Resin Type

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<tr>
<th>Resin</th>
<th>Clarity</th>
<th>Stiffness</th>
<th>Puncture Resistance</th>
<th>Sealability</th>
<th>Thermo-formability</th>
<th>Moisture Barrier</th>
<th>Oxygen/Aroma Barrier</th>
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Strategic Partnerships

**Short term:**
- Qualify existing films for store drop recycling label recommendations.
- How2Recycle testing on active projects.
- Commercialize PE pouch in various applications.
- Identify innovation areas / customer priorities.

**Long term:**
- Design new packaging platforms compatible with the PE stream.
- Engage in the development of new recycle streams through industry involvement.
  - WRAP
  - MRFF
  - PLASTICS NEMO