



Blueprint for Recyclability

Blueprint for Recyclability is the Pennsylvania Recycling Markets Center's program for design investigation and selection of reusable and recyclable packaging and products. RMC's customizable program guides manufacturers closer to circularity.

Together, we plan it that way.

RMC experts:

- Verify material composition to understand secondary market commodity value
- Identify components that reduce end of life value
- Recognize components that add disassembly cost
- Assess material, composition, and redesign alternatives
- Explore the likelihood of consumer recycling;
- Investigate consumer or manufacturer reuse of packaging or the product
- Review package or product with MRF operators to gain opinion of recyclability
- Notify material recovery facilities about item recyclability
- Examine carbon footprint of the package or materials inclusive of alternates
- Collaborate with relevant industry partners and obtain feedback for designers
- Prepare manufacturers for third-party certification of sustainability claims
- Evaluate potential product contribution to credits in LEED® rating system
- Provide recommendations to implement clean and lean manufacturing
- Seek expert input as desired from University faculty and RMC external partners
- Evaluate the recycled item in actual MRF operation – test geometrics for recovery in mechanical, robotic, or human sorting
- Have a working partnership with the globally recognized Penn State Materials Research Institute
- Through the MRI-RMC partnership, we can expedite advanced evaluation or development of your product and packaging, introducing novel design into your marketplace

Recycling only happens when a discarded item is manufactured into a new package or product. Combining over 120 years of recycling and industrial experience at RMC, contact us to discuss Blueprint for Recyclability.

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**Pennsylvania
Recycling Markets Center**
Keystone of Circular Economy

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The Pennsylvania Recycling Markets Center (RMC) is a non-profit corporation with mission to reduce or eliminate barriers that lead to expanded end-use of Pennsylvania's recycling. As the only Pennsylvania organization with this uniquely circular mission, the RMC team brings economic development and environmental guidance; recycling industry outreach and research; and manufacturing assistance to stakeholders including entrepreneurs, manufacturers, recycling sorters, collection programs, haulers, governmental agencies and officials, consumers, and educators.

The Recycling Markets Center is the keystone of circular economy in Pennsylvania.

Since inception in 2004, and with funding from the Pennsylvania Department of Environmental Protection, the RMC has an affiliation with Penn State and is headquartered at Penn State Harrisburg with an office also in Pittsburgh. Serving the entire state, RMC assistance includes manufacturing supply connectivity for use of recycled feedstocks; applied research and commercialization assistance in the use of recycled materials; technology and equipment comparisons; and expert curation of technical and business growth knowledge.