

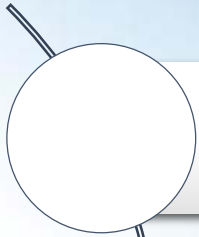
China's National Sword – An APR View

Montreal CN
September 28, 2017

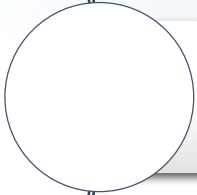


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Plastic Recyclers**

Who is APR?



International trade association



The Voice of Plastics Recycling®



Companies committed to the success of plastics recycling



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APR Primary Goals



Increase
Supply



Enhance
Quality



Communicate
Value

Increase the Value Proposition of Recycled Plastics

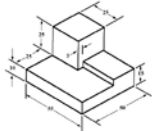


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Technical Authority on Plastics Recycling



Technical Programs



APR Design[®] Guide for Plastics Recyclability



Test Methods/Guidance Protocols



Brand Owner Training



APR Committees



Communication/Education/Advocacy



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The most comprehensive industry tool to evaluate the compatibility of plastic packaging features with the recycling infrastructure and capabilities.



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APR's Definition of Recyclable



- Consumer Access
- MRF Capabilities
- Recycling Process



Design Feature Categories

1. APR Design® Preferred
2. Detrimental to recycling
3. Renders the package non-recyclable
4. Requires testing

**RECYCLABLE
and APR
DESIGN® GUIDE
PREFERRED**



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Additional APR Resources

- Market Lists
- Model Bale Specifications
- Test Protocols
- Critical Guidance Recognition
- Recycling Rigid Plastics Beyond Bottles
- APR Plastics Recycling Showcase



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China's National Sword

Opportunities?
Industry Response



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Implications for the Industry

#3-7 Collection

60% Access

Regulatory Implications



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Exports Down

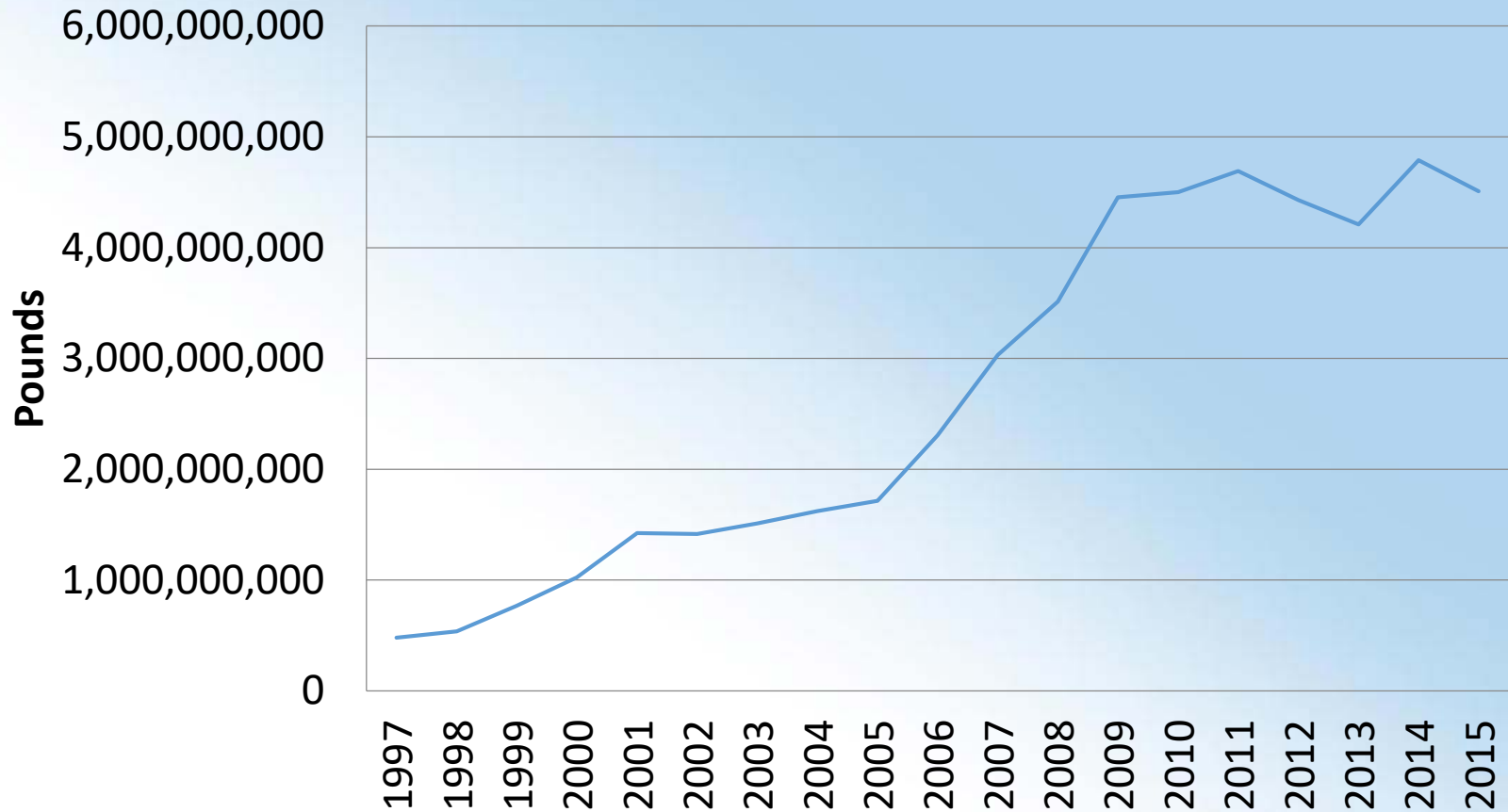
60% of US
plastics exported
in June 2012

40% in
June 2017



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Plastics Exports From the U.S.



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Alternative Markets

- India
- Vietnam
- EU



Questions Remain

- What grades will be banned?
- Long Term?
- Permanent?

						
PETE	HDPE	PVC	LDPE	PP	PS	OTHER
Polyethylene Terephthalate	High-Density Polyethylene	Polyvinyl Chloride	Low-Density Polyethylene	Polypropylene	Polystyrene	Other



Possible Recycling Plant Relocations

- US Plants
- Vietnam



Additional Thoughts

- The ban will aid some U.S. reclaimers
- Improved Bale Quality
- MRFs will be paid less
- Plastics-to-Oil industry?
- #3-7 Challenges



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www.PlasticsRecycling.org



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