

Governor's Recycling Council
**PERSPECTIVE –
LOOKING BACK
LOOKING FORWARD**

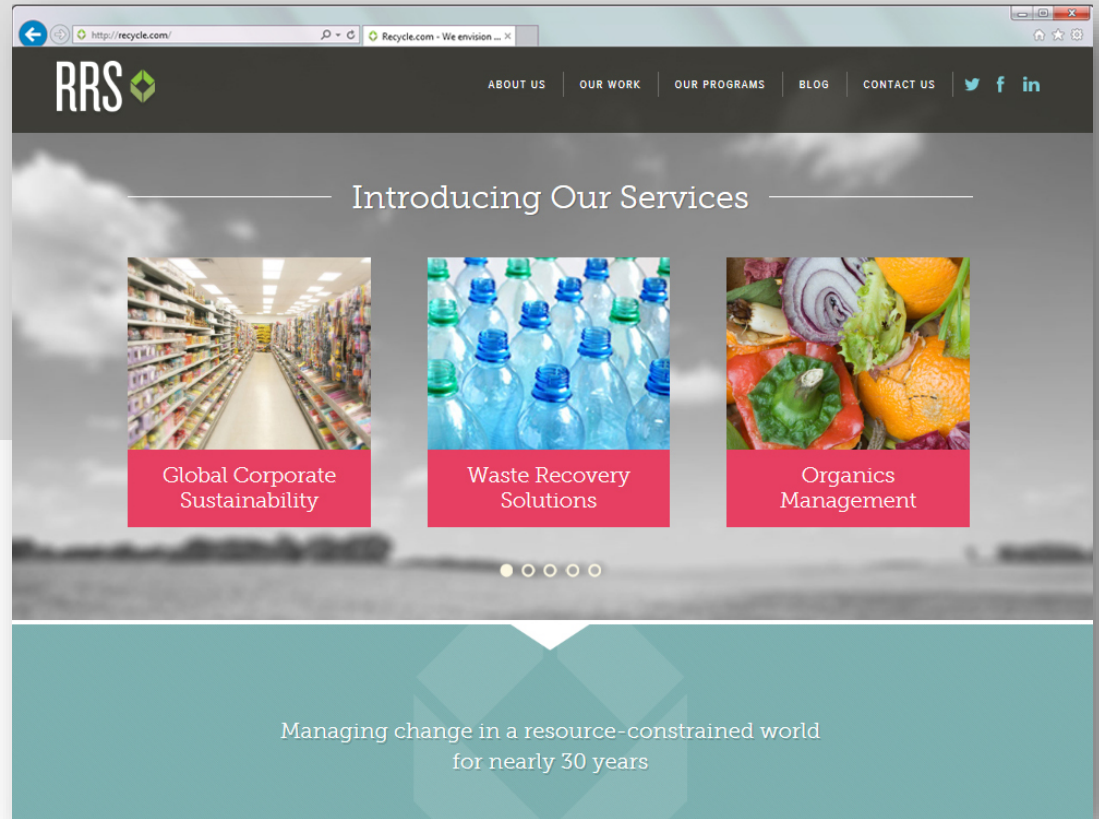
Jim Frey
RRS CEO
Co-Chair - GRC

Governor's
Recycling Summit
Plymouth, MI
May 3, 2016

since 1986

RRS takes a life cycle approach to materials management with a mission to help manage change in a resource- constrained world.

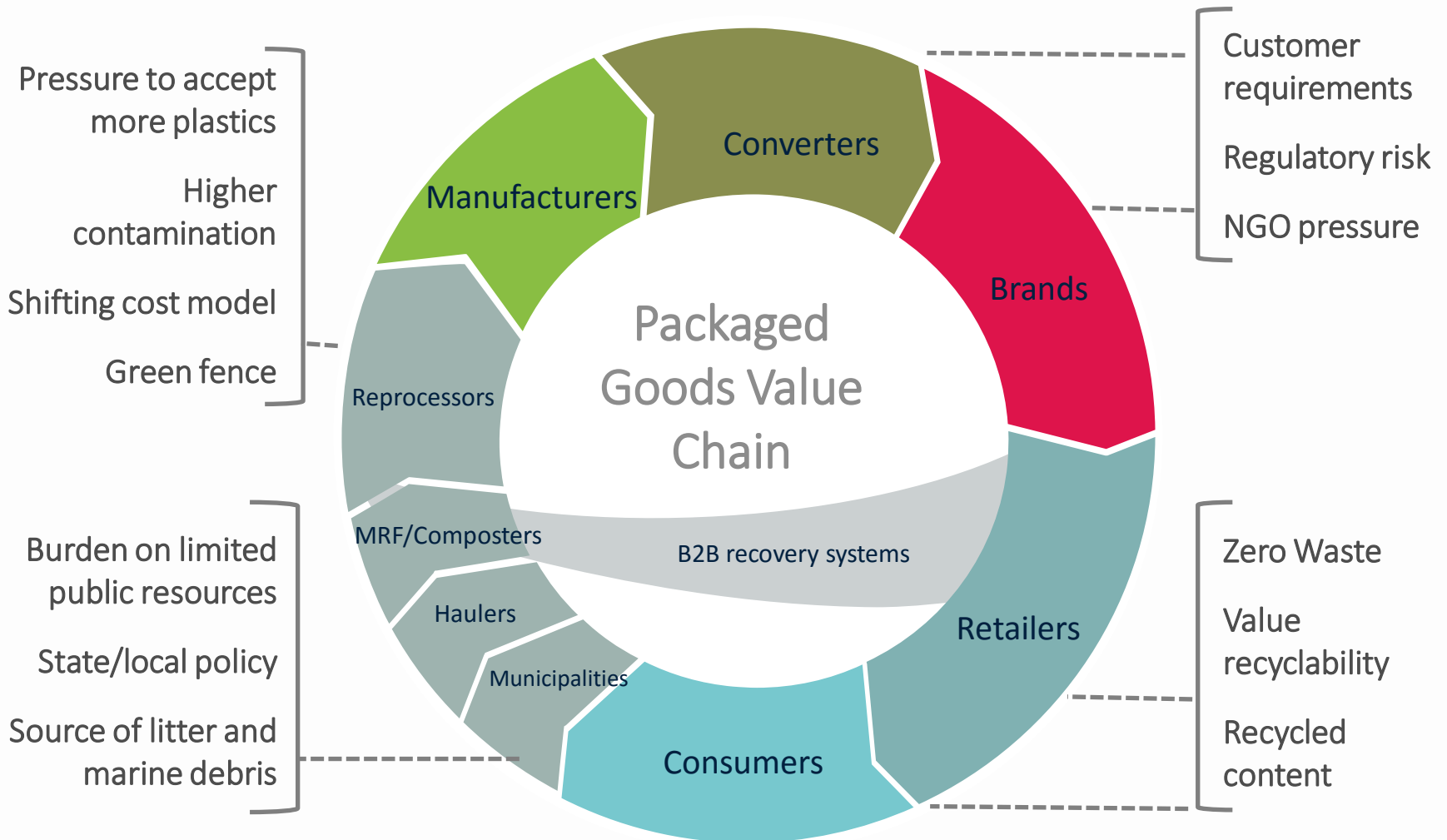
- Management consulting professionals
- Engineers
- Economists
- Communications specialists



Core strengths in packaging, waste and recovery, coupled with expertise in life cycle management and applied sustainable design.



RECYCLING IN MICHIGAN - THE WHOLE PICTURE



SUSTAINABLE MATERIALS MANAGEMENT IN MICHIGAN



DOUBLING OUR RECYCLING RATE REQUIRES:

- Public/Private Partnerships
- Leadership
- Investment

FOUNDATION FOR SUSTAINABLE MATERIALS MANAGEMENT

- Using Materials Responsibly
- Conserving Resources
- Protecting the Environment
- Living Well

A CALL FOR ACTION, POLICY, FUNDING AND RESOURCES



CALL FOR RECYCLING ACTION

- Engagement at Local Level via State Wide Campaign
- Creating Local Recycling and Beneficial Utilization Plans

CALL FOR RECYCLING POLICY

- Measurement – Ready, Set, Go!
- Directing Materials to Highest and Best Use
- Providing Convenient Universal Access Across the State
- Walking the Talk - Department Performance Metrics
- Using Bans – To Support Infrastructure as it Develops

THE “BUILD-OUT” TO DOUBLE OUR RECYCLING RATE

Processing and End Market Investments

Large MRF

Medium MRFs including Upgrades

Small MRFs including Upgrades

Hub/Spoke Transfer for Recycling/Organics

Super Drop-off Convenience/Redemption/Take Back Centers

Secondary Processing (glass/plastics)

Organics Processing - Wet and Dry/AD Large Scale

Organics Processing - Community Scale Composting/AD

End Market Capacity Expansions

THE “BUILD-OUT” TO DOUBLE OUR RECYCLING RATE

Cart and Container Investments

Curbside Carts

Recycling Roll-offs for High Density Drop-offs

Commercial Recycling Collection Containers

Multi-Family Recycling Dumpsters

Collection Truck Investments

Automated

Semi-Automated

Front Load

Roll-off

Support

THE “BUILD-OUT” TO DOUBLE OUR RECYCLING RATE

Support Systems

Cart Roll-out Outreach

Technology

Outreach/Engagement/Messaging

County Recycling Plans @ \$.50/hh

Program Support/Management

A CALL FOR ACTION, POLICY, FUNDING AND RESOURCES



CALL FOR RECYCLING INVESTMENT

- Moving Forward on the Recycling “Build-Out”
- Leveraging Both Public and Private Investment
- Kicking in State Investment to Leverage Partnerships
- Supporting Economic Development Initiatives

CALL FOR RECYCLING RESOURCES

- Department Focus on Sustainable Materials Management
- Leveraging National Partnerships
- Engaging Our Institutions and Innovation Centers

TARGETED OUTCOMES

CATCHING UP – STARTING TO COMPETE

Doubling our Recycling Rate to 30% by ?

MOVING UP – TRACKING TOWARDS THE TOP

Economies of Scale and Build-out that Hits 50%

REAPING THE BENEFIT

*A Vibrant Economy, Thriving Communities
and a Healthy Environment*



recycle.com

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MAY 3, 2016

Jim Frey
CEO RRS
Co-Chair, Governor's
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frey@recycle.com

734-417-4415