

Advancing Circular Economy

Schedule & Agenda.

Subject to updates.

Register to Attend: PennRMC.org

PA ReMaDe Conference 2019

September 18 & 19, 2019

Historic Hotel Bethlehem • Bethlehem, Pennsylvania

Wednesday, September 18, 2019

8:30 AM – 9:45 AM | **Keynote Speaker**

► ADVANCING CIRCULAR SYSTEMS WITHOUT COMPROMISING CONSUMER DESIRE



Tom Szaky, CEO and founder of TerraCycle, has worked tirelessly to establish unique take back systems and recycled content product manufacturing in conjunction with major consumer brand companies, citizen-stakeholders, and governmental bodies leading to greater global circularity and producer responsibility. As founder and CEO of TerraCycle, a global leader in the collection and repurposing of complex waste streams, Tom operates TerraCycle in 21 countries, working with some of the world's largest brands, retailers and manufacturers to create national platforms to recycle products and packaging that currently go to landfill or incineration.

Tom and TerraCycle have received hundreds of social, environmental and business awards and recognition from a range of organizations including the United Nations, World Economic Forum, Schwab Foundation, Fortune Magazine and the U.S. Chamber of Commerce.

Tom is the author of four books, "Revolution in a Bottle" (2009), "Outsmart Waste" (2014), "Make Garbage Great" (2015) and "The Future of Packaging" (2019). Tom created, produced and starred in TerraCycle's reality show, "Human Resources" which aired on Pivot from 2014-2016 and is syndicated in more than 20 foreign markets on Amazon and iTunes.

9:45 AM – 10:00 AM | **Break**

10:00 AM – 11:00 AM | **Concurrent Sessions**

► Circularity of the Fiber Industry

How often can fiber be recovered, and what environmental benefits do we realize in manufacturing through cardboard and paper recycling? What is the perpetual need of the fiber industry, and how does recycling effect production? What new capacities will be available and when in the domestic market? Is printed media going to eventually end completely? What can we do as consumers to support this industry? Come hear from seasoned veterans of the industry.

- Paul England, *Vice-President & General Manager Midwest, Head of National Sales*, Pratt Industries, Inc.
- David Newman, *Vice-President & General Manager*, Newman & Company, Inc.

► Organics Recycling: Nature's Circular Economy

Arguably the first circular economy, and by definition, circular, come learn about aspects of organics recycling and management that build local and regional economies while purifying the environment.

- Nora Goldstein, *Editor*, BioCycle Magazine
- Ned Foley, *Two Particular Acres*

Continued next page...

Early automobile builder Walter Chrysler frequented the Historic Hotel Bethlehem. Drive your success at the PA ReMaDe Conference.



**Pennsylvania
Recycling Markets Center**
The Keystone of Recycling Markets Development

Penn State Harrisburg • 777 West Harrisburg Pike • Church Hall • Middletown, PA 17057 • 717-948-6660 • PennRMC.org



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... continued from previous page.

11:05 AM – 12:15 PM | Concurrent Sessions

► Circular Systems in Plastics Recovery

As the world's needs and viewpoints of plastics transitions, so does the recovery pathways of plastics. What is chemical plastics recycling? What is mechanical plastics recycling? Is plastic an undesirable of packaging material? How circular is plastics recovery?

- Ed Grieser, *Owner*, HydroBlox Technologies, Inc.
- Toni Koenigsberg, *Account Manager*, United States Recycling, Inc.
- Eadaoin Quinn, *Director of Business and Procurement*, EFS-Plastics, Inc.

► Life Cycle Analysis – Methods and Abc's

So it is more common to hear "Did you do a life cycle assessment of it?" But, do many of us know what a life cycle assessment really is all about? Are there different techniques and types of assessment? How does one draw process boundaries to the assessment? How does Life Cycle Assessment play a role in evaluating circularity of a product or process?

- Elyse Ingles, *LEED AP, Technical Marketing Manager*, CertainTeed Corporation, Insulation
- Eric Nelson, *Vice-President Strategic Alliances*, Interface, Inc.
- Tad Radzinski, *PE, ISSP-CSP, LEED AP, SFP*, Sustainable Solutions Corporation

12:15 PM – 1:30 PM | Lunch

► EPA Sustainable Materials Management (12:30 PM – 1:15 PM)

Sustainable Materials Management – can we stomach it? Does it mean we need to dispose of usable recovered resources if an outlet is not economically or environmentally viable? How do we measure successful materials management or quantify costs of material recovery or disposal? Learn the message of sustainable materials management from EPA Headquarters.

- Ronald Vance, *Chief, Resource Conservation Branch*, US Environmental Protection Agency

1:30 PM – 2:45 PM

► Pennsylvania Showcase of Circularity

Many organizations and private enterprises have intentionally or coincidentally advanced their journey into a circular economy. Come here case study of Pennsylvania enterprise who are advancing circularity in their products and processes.

- Bill Dunbar, *Procurement Project Manager*, Just Born Quality Confections
- Matt Cogle, *COO*, Cogle's Recycling, Inc.
- Christine Cassady, *Recycling Manager*, Dart Container Corporation
- Fred Everett, *Director of Process Improvement*, C.F. Martin & Co.® (Martin Guitar & Strings)
- Anita Snader, *Environmental Sustainability Manager*, Armstrong World Industries, Inc.

2:45 PM – 3:00 PM | Break

3:00 PM – 4:15 PM

► Assistance Tools for Building A Circular Economy

Where are the resources to expedite building manufacturing that brings local and regional economies to circularity? What are the benefits to developing a circular economy? Come learn from those who provide assistance to building manufacturing resources and what resources may be available to you.

- Olga Kachook, *Project Manager*, Sustainable Packaging Coalition
- Ted Michaels, *Executive Director*, Circular Economy Industries Association
- Tom Palisin, *Executive Director*, The Manufacturers' Association

5:00 PM – 6:30 PM | Networking Event

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Circular economy of Americana...

the 1750 Smithy or Moravian Blacksmith Shop stands near the Historic Hotel Bethlehem - now Advance Circular Economy here and write your own history.



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... continued from previous page.

Thursday, September 19, 2019

8:00 AM – 9:15 AM

► Venture Investing & Building the Infrastructure of Circularity

Investing in every stage of the circular economy, come learn from Closed Loop executives how the Closed Loop Partners is providing circular economy support throughout the world, with specific focus on investment opportunities with Closed Loop Ventures, the venture investment fund of Closed Loop Partners.

- Danielle Joseph, Investment Officer, Closed Loop Ventures
- Joseph McMullin, Chief Organics Officer, Atlas Organics
- Bob Milligan, Vice-President, Closed Loop Fund
- Rob Writz, Business and Corporate Development Manager, AMP Robotics

9:15 AM – 09:30 AM | Break

9:30 AM – 10:45 AM

► How Consumer Brands Are Leaders to Circular Economy

Technology expansion, manufacturing feedstock conversion, and consumer interests intersect to form the leadership necessary to be profitable while expanding circularity in both products and packaging. Focusing on packaging, learn what Nestle Waters North America is doing to secure their recycled feedstock supply chains while meeting consumer demand.

- John Caturano, *Senior Sustainability Manager Packaging/Programs*, NestleWaters North America

11:00 AM – 12:15 PM

► Does Sustainable Materials Management Bridge to a Circular Economy?

Many find that disposal and energy generation are not part of a circular economy, and are not circular entities. Is this accurate? What is done as we grow and build into a circular economy? Will there always be disposal or energy from waste even at optimal circularity? How does disposal and energy from waste support circularity growth?

- Susan Robinson, *Senior Director of Sustainability & Policy*, Waste Management
- Michael E. Van Brundt, *P.E., Senior Director Sustainability*, Covanta

12:15 PM – 1:15 PM | Concurrent Sessions

► Advancing Circular Economies in Electronics Recovery

How can electronic devices be manufactured to create circularity at end of life? What is the component recovery landscape like and how does it impact, if at all, design processes? How has right-to-repair freedom impacted electronics design? Is it even possible to derive a circular system from electronics recovery?

- Carole Mars, *Director, Technical Development & Innovation*, The Sustainability Consortium, Arizona State University & University of Arkansas
- Kevin Purdy, *Marketing Manager*, iFixit

► Circularity of the Glass Industry

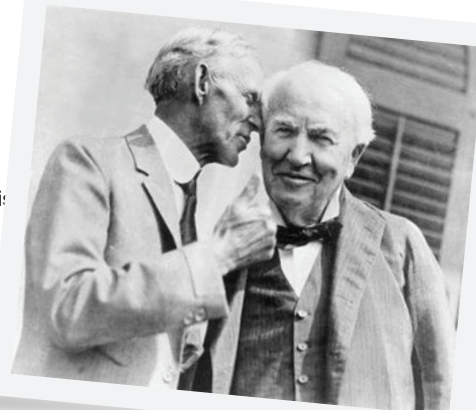
Glass is infinitely recyclable is the industry rally, so what can we do to recover more glass? Why is secondary glass manufacturers? Is glass arguably better for climate change mitigation? Are there methods for increasing recovery of glass to expand industry feedstock?

- Michael Misstishin, *Environmental Coordinator*, D.G. Yuengling & Son, Inc.
- Jim Nordmeyer, *Vice-President Global Sustainability*, Owens-Illinois Inc.

1:15 PM | Take Away Lunch

*Growing their success - a conversation
between Henry Ford and Thomas Edison
at the Historic Hotel Bethlehem.*

*Advance your circular economy
at the PA ReMaDe Conference.*



Historic images courtesy of the Historic Hotel Bethlehem.



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