CENTER FOR THE CIRCULAR ECONOMY NEW YORK

Kate Daly, Executive Director

The **Center for the Circular Economy** fosters pre-competitive industry collaborations and supports entrepreneurs, serving as a hub for business acceleration, investment, and research in sectors including textiles & apparel, packaging, food, and the built environment.

## Population Growth, Resource Volatility, Urbanization







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Image: Re:Source Media Inc.

## **Risks of Business as Usual**

Market shifts

Supply Chain disruption

- Drought
- Political unrest

Shareholder activism

Corporate accountability

Competition for *talent*

Retaining millennial talent

Material regulation

- Regional plastic bans



## Shift to leasing vs. ownership models

Restrictions on retail disposal of goods

# **Circular Economy Innovation**

- Innovation opportunities
- Massive digital disruption creates opportunities
- Idle capacity is a market opportunity (AirB&B)
- The shift from providing goods to providing services creates new market opportunities in the sharing economy

- Design *thinking*
- Designing for disassembly and remanufacture to retain value
- Using systems thinking to define intelligent reverse logistics opportunities, leveraging the Internet of Things



## Competitive advantage

- Pre-competitive collaborations drive infrastructure improvements at scale
- Cost savings through greater efficiency, design innovation, and reduced inputs

# Circular Economy Business Models in Textiles



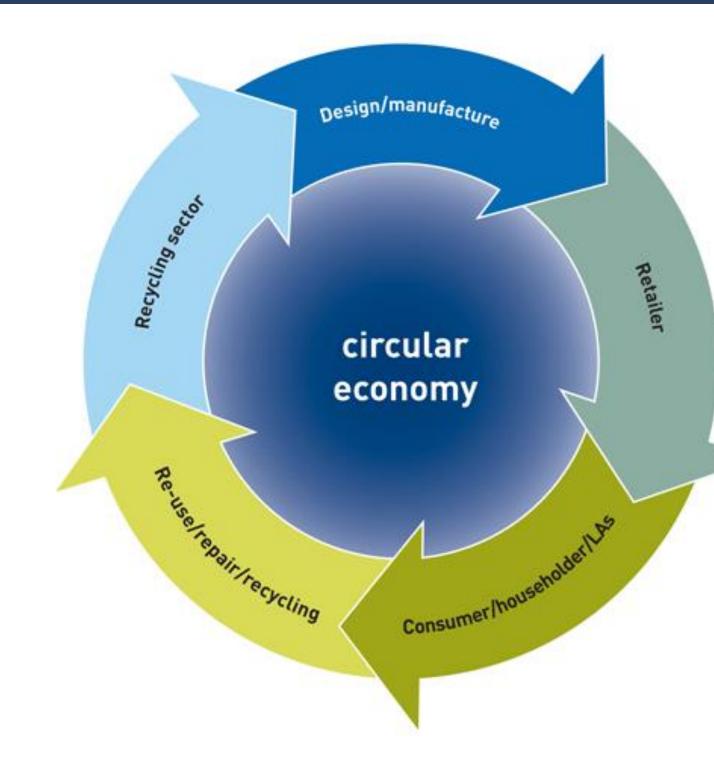


## **Chemical Textile** Recycling

# EV **X**NU

### AMBERCYCLE

## Collaboration is Critical to Accelerate our Transition



Decoupling economic growth from the consumption of finite resources

