



RETAIL INDUSTRY
LEADERS ASSOCIATION

RESOURCE GUIDE

Transportation + Sustainability
Webinar Series

May-July 2021



TRANSPORTATION + SUSTAINABILITY WEBINAR SERIES

OVERVIEW

This [six-part webinar series](#), explores solutions to the challenges many retailers face at the intersection of logistics and sustainability—from understanding Scope 3 emissions to reducing empty miles.

This guide is designed to help build stronger, more resilient transportation networks while reducing environmental impact. To hear from our speakers with firsthand experience in translating corporate sustainability and emissions goals into actionable strategies, including retailers who have sought to implement effective solutions see the recordings and slides on at the [RILA website](#).

Note: RILA is grateful to the webinar speakers for helping supply the Non-RILA resources. Inclusion of these resources does not imply endorsement by RILA.

RILA COMPILED RESOURCES (ENTIRE SERIES)

- Report: [Getting UK Retail to Net Zero Vehicle Logistics by 2035](#) commissioned by the British Retail Consortium and DP World, authored by BearingPoint suggests the systems and associated government support needed in the UK to facilitate net zero for logistics by the UK retail industry.
- Report: [Net-Zero Challenge](#) by the World Economic Forum and Boston Consulting Group shows the role decarbonizing supply chains has on achieving net zero carbon goals, including key tactics to reduce emissions.



CORPORATE SUSTAINABILITY GOALS AND SUPPLY CHAIN IMPACTS

WEBINAR ONE - MAY 19TH, 2021

Increasing numbers of retailers have launched commitments to reduce their greenhouse gas emissions. These goals are frequently guided by Science-Based Targets (SBT), and often include many indirect or "Scope 3" emissions, like those from transportation. Building upon the discussions in this webinar, the resources below will supply more information about what these—and other key terms—mean, and how transportation & logistics executives can help their companies set or improve their freight-related emissions targets and strategies. Thank you to Proctor & Gamble and industry experts CDP, one of the originators of SBTs, for sharing lessons learned on this journey

NON-RILA RESOURCES

- Resources from EPA's [Center for Corporate Climate Leadership](#):
 - » Transportation Opportunity: [The Center's supply chain resources](#)
 - » Sustainability Education Opportunity: The Center's range of resources are valuable to retailers and their suppliers in quantifying and managing emissions including the [roadmap](#) on their website that provides step-by-step guidance through the inventory development process in measuring and managing emissions, as well as numerous guidance documents (see links from homepage) that are used by a numerous organizations nationwide.
- [CDP North America : Supply Chain](#)
 - » CDP Report: [Changing the Chain](#) helps companies understand how to engage with their supply chain to reduce emissions.
- [Global Logistics Emissions Council](#) (GLEC) Framework guidelines
 - » [Smart Freight Centre](#) is a global non-profit organization who co-created GLEC methodology
- Calculation Tools:
 - » [Greenhouse Gas Protocol](#) sets standards and

- measures greenhouse gas emission.
- » [EcoTransIT World](#) is one of the GLEC accredited GHG calculation tools with global coverage and strong cooperation with scientific institutions.
- » [REff Tool](#) is a GHG assessment tool for logistic sites resulting from a partnership between [Green Logistics](#), [LEARN project](#), the [Global Logistics Emissions Council](#), [EcoTransIT World](#), [Sustainable Performance Monitor](#) focusing on container terminals, and others.
- » [LogEC Logistics](#) Emissions Calculator which includes the ability to understand the link between transportation and shipment data.

- Striving for Zero
 - » Greenbiz article: [Achieving a Netzero Emission Supply Chain could be Cheaper than You Think](#) helps to understand the cost of acting upon supply chain decarbonization goals.
 - » World Economic Forum Report: [Net-Zero Challenge: the supply chain opportunity](#)
 - » [Exponential Roadmap Initiative](#) highlights 36 solutions that can scale exponentially to halve GHG by 2030.
 - » Upcoming Webinar: [Verge NetZero](#) July 27th-28th for further conversations about how to achieve net zero.
 - » Announcement: [Maersk Research Center](#) on decarbonizing shipping and case study: [H&M reduces carbon footprint with Maersk Eco Delivery](#)
 - Both help frame possibilities to reduce carbon and thought leadership around guiding the shipping industry to a more sustainable future.

RILA RESOURCES

- Webinar: [How Retailers are Setting and Implementing SBTs](#) helps retailers understand the benefits of setting Science Based Targets (SBTs) and the steps along the way.



CUT COSTS, INCREASE EFFICIENCY, AND REDUCE EMISSIONS THROUGH FREIGHT MATCHING

WEBINAR TWO - JUNE 2ND, 2021

Empty miles have been estimated to account for up to 40% of all truck miles and contribute an estimated 76 million metric tons of CO2 to the atmosphere each year. For large retailers, empty miles represent a tremendous opportunity to reduce emissions—and also increase efficiency through freight matching, while gaining a cost advantage. Ron Guzzi from The Home Depot shared insights on how one of the largest shippers in the country maximizes its fleet. Jennifer Wong, Head of Sustainability at Convoy discussed how retailers can get started—or accelerate—the journey to fewer empty miles.

NON-RILA RESOURCES

- Report: [Ship Responsibly](#) is Convoy's 2020 Sustainability Report, which provides insight into how Convoy aligns with its clients on sustainability objectives.
- Report: [State of Sustainability in Transportation](#) discusses the future of sustainability in transportation based upon insights from 120 companies.

The logo for Convoy, featuring the word "CONVOY" in white, uppercase, sans-serif font on a dark blue rectangular background.

E-COMMERCE FULFILLMENT AND EMISSIONS

WEBINAR THREE - JUNE 16TH, 2021

Covid has accelerated the growth of e-commerce, though many retailers and consumers alike are increasingly aware of e-commerce's potential impact on the planet. In addition, the mainstreaming of e-commerce has put a spotlight on resilient and efficient supply chains, which directly contribute to customer engagement. Attracting a "conscious consumer" will be strategically important to the retailers to build brand loyalty, increase sales, and reduce costs of inefficiency.

NON-RILA RESOURCES

- Website: [Supply Chain Transportation & Logistics Center](#) and [Urban Freight Lab](#) at the University of Washington provides in depth consultation with industry and the private sector in addition to research and executive education.
- Website: [Microsoft Sustainability](#) provides a variety of resources and tools to support sustainability objectives.

RILA COMPILED RESOURCES FOR E-COMMERCE

Inclusion of these resources does not imply endorsement by RILA.

- Brief: [Retailers' Challenge: How to Cut Carbon Emissions as E-Commerce Soars](#) by Bain & Company demonstrates the ability to use delivery channels to reduce emissions and meet customer expectations. Plus, an included infographic to illustrate the impact of online shopping on retailer's carbon footprint.
- Report: [The Sustainable Last Mile](#) by Accenture illustrates the ability to create sustainable e-commerce channels of operations.
- Article: [How to Shop Online More Sustainably](#) discusses the consumer side of e-commerce, presenting a theory that online shopping can be a greener alternative to traditional retail experiences.



SUSTAINABLE FLEETS

WEBINAR FOUR - JUNE 30TH, 2021

Whether your company works with carrier partners or has a private fleet, this behind-the-scenes discussion on the rapidly-evolving world of sustainable trucking discusses ways to chart your path! Supply chain fleet emissions reductions are critical to improving retail transportation sustainability, and mobile emissions are getting more attention than ever before from federal and state policymakers. Our speakers were, Yann Kulp, Co-founder at eIQ Mobility, a NextEra Energy Company, Brook Detterman, Principal with environmental law firm Beveridge and Diamond and Steve Moelk, Fulfillment Project Implementation Manager at IKEA. This overview of sustainable trucking and fleets, included the landscape of regulations and incentives aimed at decarbonizing trucking, as well as practical insights into the state of low-carbon fleet technology. Additionally, speakers broke down what a company transition towards electric fleets looks like in practice!

NON-RILA RESOURCES

- [eIQ Mobility](#)
 - » Newsletter: eIQ Mobility breaks down the latest [news in sustainable fleets](#).
- [Beveridge & Diamond](#)
 - » Webinar: By Beveridge & Diamond, this webinar on [Key Legal Drivers for Climate Change Actions](#) discussed the current and future of international and U.S. laws around climate.
 - » Webinar: hear about [Air & Climate initiatives in the Biden Administration](#) by Beveridge & Diamond.
 - » Article: Beveridge & Diamond breaks down [South Coast AQMD Adopts Warehouse Indirect Source Rule](#).
 - » Article: [CARB Announces Plan to Expand Zero-Emission Requirements for Transportation Refrigeration Units](#) provides key insights into the expansion of zero-emission requirements by Beveridge & Diamond.
 - » Article: Beveridge and Diamond explains state based objectives in [Petal to the Medal: 15 States](#)

[and D.C. Seek to Achieve 100% Zero Emission Vehicle Sales for New Medium-and Heavy-Duty Vehicles by 2050](#).

- » Article: [Fourth Time's the Charm: Washington Enacts Clean Fuels Program, Creating West Coast Market For Low-Carbon Transportation Fuels](#) by Beveridge and Dimond discusses the creation and impact of the Clean Fuel Program.

RILA COMPILED RESOURCES FOR SUSTAINABLE FLEETS

Inclusion of these resources does not imply endorsement by RILA.

- Resources from the [U.S. Environmental Protection Agency's SmartWay](#) program:
 - » Brochure: [SmartWay for Shippers](#) introduces the program.
 - » FAQ Guide: [SmartWay's FAQ guide](#) breaks down more sustainable options to boost your retail value chain.
 - » Business Case: Learn about the benefits of partnering with SmartWay with their [Business Case for Being a SmartWay Shipping Partner](#).
 - » Overview: Smartway's [Overview of Shipper Strategies](#) discusses ways to reduce environmental impacts.
- [Heavy-duty truck electrification resources](#) from U.S. Environmental Protection Agency's SmartWay program covers topics such as:
 - » Funding: Grants, Loans, and Incentive
 - » Total Cost of Ownership Calculators
 - » Technology and Market Readiness Resources
 - » Charging Infrastructure and the Grid
 - » Research and Other Resources

RILA Resources

- Tools: [Electric Vehicle Fleets](#) provides retailers with tools to assess the key considerations, benefits and barriers to pursuing EV fleets within their supply chain.



REDUCING WASTE & INCREASING REVENUE THROUGH INNOVATIONS IN REVERSE LOGISTICS & RESALE

WEBINAR FIVE - JULY 14TH, 2021

Transportation plays a critical role in helping retailers meet their waste reduction and circularity goals. Use the resources below to learn about PreZero and how to optimize reverse logistics and other materials transportation avenues to reduce empty miles while increasing company recycling rates. And if your company is considering resale as a new source of revenue from pre-owned products, learn from Recurate how to avoid the headache of designing resale warehousing and logistics and skip straight to an integrated ecommerce resale marketplace.

NON-RILA RESOURCES

- PreZero webpage: [PreZero](#) helps retailers reduce waste while thinking about circular systems.
- Recurate webpage: [Recurate](#) has helped a variety of partners engage the resale market place including Mara Hoffman, Re/Done, La Linge, Womance, and more.

RILA RESOURCES

- [Zero Waste Network](#): RILA's Zero Waste Network provides a forum for retail zero waste executives to hear from experts and engage peer-to-peer benchmarking on the implementation, management, and oversight of retail waste programs
- Report: [The Waste Landscape and Solutions for the Retail Industry](#) from RILA's Retail Compliance Center provides retailers with information to help them navigate the complex issues of waste elimination.
- Webinar: During August 2020, RILA's Retail Compliance Center hosted [Supply Chain Transparency and Resilience](#), an opportunity for retailers to learn about how COVID-19 challenges presented the opportunity to rethink sustainable retail.



ENERGY RESILIENCY IN THE SUPPLY CHAIN

WEBINAR SIX - JULY 28TH, 2021

Retail's increased growth and velocity, coupled with more technology and automation, means more demand for power in DCs and other facilities – and a greater imperative for uninterrupted power. In the final webinar of RILA's 2021 Transportation & Sustainability Series, Argonne National Laboratory spoke about the current and future state of energy resiliency. After, nationwide retailer/wholesaler Stewart & Stevenson broke down how they are working toward a more resilient supply chain, made possible through microgrid technology. Unlike generators and other power management strategies, microgrids give retailers a powerful tool to help ensure continuous product flow, keep customers happy and move one step closer toward carbon neutrality. This webinar, sponsored by Duke Energy Sustainable Solutions, taught about how to gain foundational uptime assurance, achieve true supply chain resiliency and operate with fewer emissions and more control over your energy use and spend.

NON-RILA RESOURCES

- [Argonne National Laboratory](#):
 - » [Climate and Energy Action](#) Webpage: See how Argonne national helps to adapt communities and businesses to the issues around climate change and build resiliency.
 - » Conference [recording](#) and [report](#): "America Resilient: Projecting and Preparing for the Effects of Climate Change" helps stakeholders from governments to industries across the United States understand how to adapt to climate change impacts.

- [Duke Energy Sustainable Solutions](#):
 - » Blog: [Keeping up with Online Retail Growth](#) discusses the relationship between energy resiliency and successful e-commerce operations.
 - » Podcast: [Beyond The Meter – Episode 10: Teaming on Sustainability: Manufacturing & Retail](#) discusses Kroger's efforts to make positive environmental and social impact.
 - » Whitepaper: [The Energy Resiliency Spectrum eBook](#) is designed to help explore energy resiliency solutions- see this whitepaper for an overview of key concepts.
 - » Interview: Hear how [Craig D'Arcy](#) leads energy management at The Home Depot to help reduce store emissions by 50%
 - » [Microgrids](#) webpage: Learn about the benefits and requirements for clean energy microgrids.

