



Summit for Recycling  
&  
Rocky Mountain Composting Symposium

# Navigating Colorado Plastic Bans within the Private Sector

August 23 - 24, 2022 Aurora, Colorado



# Zero Waste to Landfill Strategies

**Recycle Colorado Summit for Recycling**  
Emily Backus & John-Ryan Lockman  
August 2022

**VAIL RESORTS®**

WHISTLER  
BLACKCOMB



VAIL  
BEAVER CREEK  
BRECKENRIDGE  
KEYSTONE  
CRESTED BUTTE

STOWE OKEMO MOUNT SNOW  
MOUNT SUNAPEE JACK FROST  
BIG BOULDER HUNTER ATTITASH  
CROTCHEDE WHITETAIL WILDCAT LIBERTY  
ROUNDTOP SEVEN SPRINGS LAUREL  
MOUNTAIN HIDDEN VALLEY (PA)

STEVENS PASS

NORTHSTAR  
HEAVENLY  
KIRKWOOD

PARK CITY



PERISHER  
HOTHAM  
FALLS CREEK

WILMOT AFTON ALPS  
MT BRIGHTON ALPINE VALLEY  
BOSTON MILLS BRANDYWINE  
MAD RIVER HIDDEN VALLEY (MO)  
SNOW CREEK PAOLI PEAKS

# THE VAIL RESORTS NETWORK

40 resorts across 4 countries





**By 2030...**

1. Zero net emissions
2. Zero waste to landfill
3. Zero net operating impact to forests and habitat

2019  
2019  
2019  
NSAA Golden  
Eagle Award  
NSAA Golden  
Eagle Award  
NSAA Golden  
Eagle Award





## General Approach

- Replace single-use items with durable ones
  - Use compostable or recyclable items as a bridge to durable
- Utilize staffed sorting stations in restaurants
- Install clear, consistent signage everywhere
- Optimize infrastructure
- Work with partners to increase recycling, reuse, and compost opportunities
- Enable creative re-use across the company
- Measure accurately

# Working towards Zero Waste at Vail Mountain

- 5 cafeteria-style restaurants at 9,000ft with aging dishwashing infrastructure and high volume during peak times.
- Traditionally used single-use plastic cups for soda fountain and water cups.
- Local MRF restrictions on PET cups was initial driver to eliminate single-use plastics.
- Eco-Products became our Strategic Zero Waste partner in 2018 – Developed "Buyer's Guide" to help staff make appropriate purchasing decisions.
- Current effort: investing capital to expand and improve dishwashing throughput to fully convert to 100% durables – reducing freight/shipping impacts and waste volume.





# Working towards Zero Waste

## Examples of Infrastructure/Enhancements



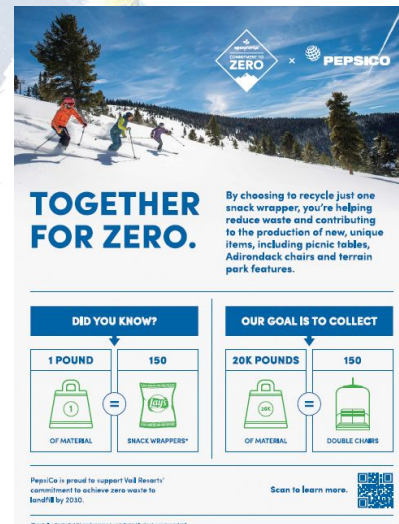
# Working towards Zero Waste

## Examples of Infrastructure/Enhancements





## Leveraging Partnerships for Zero Waste



# Questions



VAIL RESORTS®



# PUT WASTE TO WORK™

MEGAN JORGENSEN  
SUSTAINABILITY MAVEN  
RECYCLE COLORADO SUMMIT  
AUGUST 2022



Certified  
  
Corporation

  
PRODUCTS®  
A NOVOLEX BRAND

# WE'RE YOUR PARTNER IN GRIME.



At Eco-Products we believe waste can be a wonderful thing.  
A bottle can be recycled into a BlueStripe cup.  
An unfinished meal to-go can nourish our soils.  
A take-out container with food scraps can be sent to the compost.  
It sounds hard, but it's our job to figure it out.

We obsess over things like composting, recycling and a product's lifecycle.

We put specialists in the field to work with local communities to expand access to commercial composting and recycling.

We seek out opportunities in our everyday operations to curtail environmental impacts.

We believe there's purpose in our plates.

There's consciousness in our cups.

There's potential in your humble food scraps.

You don't need to be an expert to understand.

Together we can turn the end of a meal into a planet of possibilities.

At Eco-Products, we put waste to work.



# Our Product Lines & Raw Materials



## GreenStripe®



PLANT-BASED  
PLASTIC (PLA)



PLANT STARCH



WHEAT STRAW



SUGARCANE



SUGARCANE &  
BAMBOO BLEND

### What's cool:

- Made from renewable plant materials that can be grown again and again
- Not made from oil like traditional plastics
- The vast majority of GreenStripe® products are compliant with ASTM standards for compostability and many are BPI certified compostable, which means they can return to the soil to help plants grow

### What's to consider:

Compostable GreenStripe products are:

- Compostable in commercial facilities only, which may not exist in your area.
- Not suitable for backyard composting.

## BlueStripe®



POST-CONSUMER  
RECYCLED FIBER  
(PCF)



POST-CONSUMER  
RECYCLED  
POLYSTYRENE (RPS)



POST-CONSUMER  
RECYCLED PLASTIC  
(RPET)

### What's cool:

- Made from post-consumer recycled materials that have been used, recycled, and repurposed, meaning fewer virgin resources are required and less landfill waste is created
- Making new products from recycled materials helps drive recycling markets and infrastructure

### What to consider:

- Not recyclable in a majority of communities.



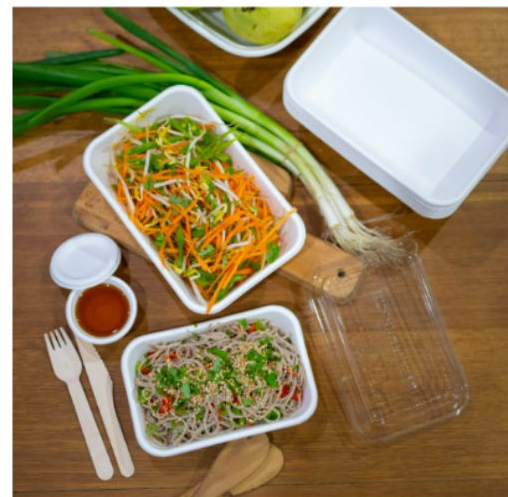
# Our Vision & Mission

## VISION:

Eco-Products will be in the vanguard of our Zero Waste future.

## MISSION:

At Eco-Products, we understand the connection between the health of the planet and the impacts of disposable packaging. Every day we work to advance Zero Waste systems, and help our customers be better stewards of the environment.





# We continue to lead the industry in innovation

## Vanguard™

No-Fluorine-Added Molded Fiber

- Proprietary alternative compounds to achieve grease-resistance performance
- BPI certified compostable under revised standards that went into effect January 1, 2020
- Patents pending on the new formula
- GreenScreen Certified™ Silver to avoid chemicals of high concern or known regrettable substitutes

First Place Innovation in Manufacturing



## Cutlerease®

Cutlery Dispensing System

- Improved Hygiene
- Space Savings
- Efficient Dispensing
- Convenience
- Cutlery compatible with Zero Waste Programs



## Product & Zero Waste Specialist

"Mavens in the Field"

- Dedicated waste diversion expertise at the regional level
- Working with End-Users, Haulers and Composters to divert waste from landfill
- Available resource for market level legislation and infrastructure questions or concern
- Dedicated advocates for leveraging our products and distribution network



# How our products + team can help customers with compliance, communities with Zero Waste.



## Procurement

**Complete Bundle of Disposables:**  
Procurement can rely on broad assortment of certified compostable products, or other products that meet other compliance obligations



## Eco-Products Team

**Regional Legislative + Compost Infrastructure Understanding:**  
Operators do not have to guess which products meet compliance obligations, or which may be accepted by a composter or recycler



## Transparency

**Supply Chain Impacts:**  
Transparency into information about Life Cycle Impacts, Supply Chain Journey, BOL material benefits



## Operations + Sorting

**Easy Identification + Training:**  
Facility Staff have access to training materials about EOL sorting depending on local infrastructure



## Logistics and Infrastructure

**Infrastructure Advocacy + Reliable Performance:**  
We strive for EOL markets to process materials after use. Composters can rely on our product to perform





# LET'S GET TO WORK.

Megan Jorgensen  
[Megan.Jorgensen@ecoproducts.com](mailto:Megan.Jorgensen@ecoproducts.com)



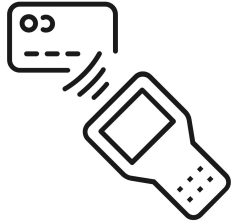


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takeout and delivery in returnable reusable containers



We make it easy for merchants to offer their customers the most climate-friendly packaging.  
Our neutral network of returnable reusable containers simplifies reuse



Platform, POS,  
and merchant  
agnostic.



Standard sizes shared  
between merchants.



Customers return at  
their door or any  
drop point.

# Even conservative adoption rates would result in profound environmental impacts



## Less trash

1 billion single-use containers diverted from landfills and oceans through reuse, for an avoidance of 33,500 US tons of waste



## Less emissions

119,000 US tons of greenhouse gas emissions avoided

\*Amortized energy to manufacture reusable and wash it after each use is less than energy to manufacture a single-use container



## Less water

238 million gallons of water saved

\*Amortized water expenditure to manufacture reusable and wash it after each use is less than water to manufacture single-use