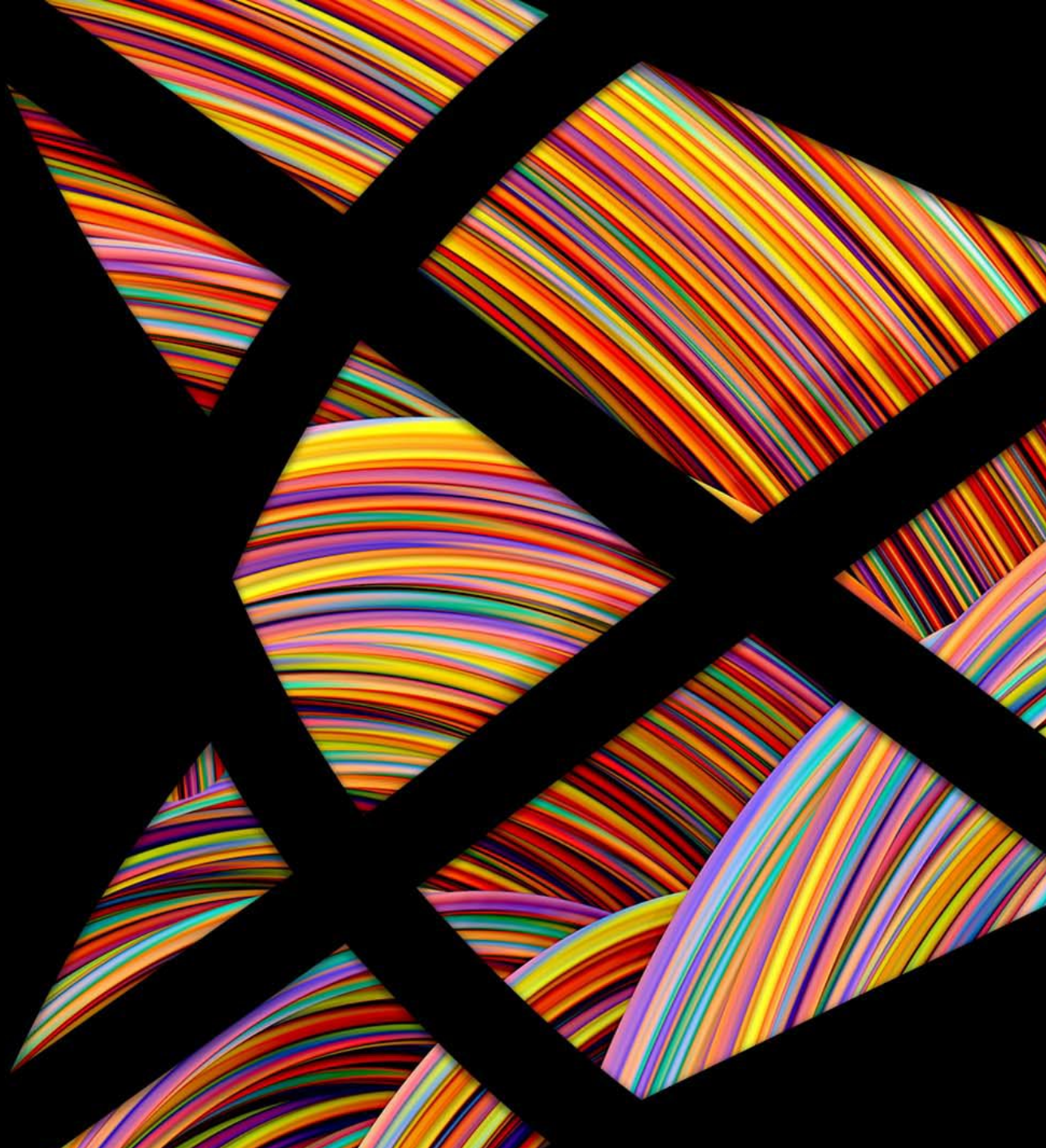




**TRINSEO™**

# **Company Overview Presentation**

March 2024





# **About Trinseo**

## Connecting ideas with solutions.

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Trinseo partners with customers to solve their unique challenges and inspire creative, bold material solutions that are more effective, efficient, and sustainable. With diverse material expertise, we provide decades of technical knowledge and expertise across our key verticals of building & construction, consumer goods, medical, and mobility.

**Trinseo's Vision: To be the global leader in driving specialty and sustainable material solutions across every market we impact.**



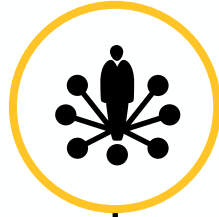


# Our Core Values



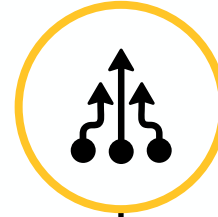
## RESPONSIBLE CARE®

As a Responsible Care® company, we consider the health and safety of our employees and the protection of our communities to be our highest priorities. We strive for meeting or exceeding the highest standards of environmental and safety performance.



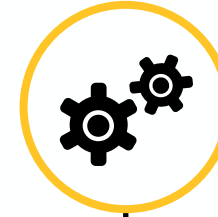
## RESPECT AND INTEGRITY

We treat each other, our customers, and our stakeholders with respect and dignity. We conduct all business activities with the highest ethical standards and are fully committed to comply with the law everywhere we operate.



## ACCOUNTABILITY AND VALUE CREATION

We believe that speed and agility combine with good decision-making to create value. We feel ownership and take accountability for our company's success.



## INNOVATION

We believe that innovation through our technology and the creativity of our people powers our success and the success of our customers.



## COMMITMENT TO CUSTOMERS

By collaborating with our customers, we deliver value through our technology, innovation, and solutions.

# What Makes Trinseo Different?



## Partnership

Trinseo works day-to-day with customers as a true, responsive partner. We're always there to help meet their evolving needs.



## Sustainability

We help our customers meet their sustainability goals by offering sustainable products using renewable resources and by working to minimize the carbon footprint of our operations and products.



## Focus on Quality

Our customers rely on Trinseo to provide best-in-class materials for their products.



## Technical Expertise

We bring decades of experience to the table, driving manufacturing and operational excellence to develop creative, cutting-edge solutions for our customers' unique business challenges.

# Revenue

**\$3.7 Billion**  
Trinseo Total

2023 Net Sales (by segment)

In USD, Approx.

**\$939 Million**

Latex Binders

**\$789 Million**

Engineered Materials

**\$1,038 Million**

Plastics Solutions

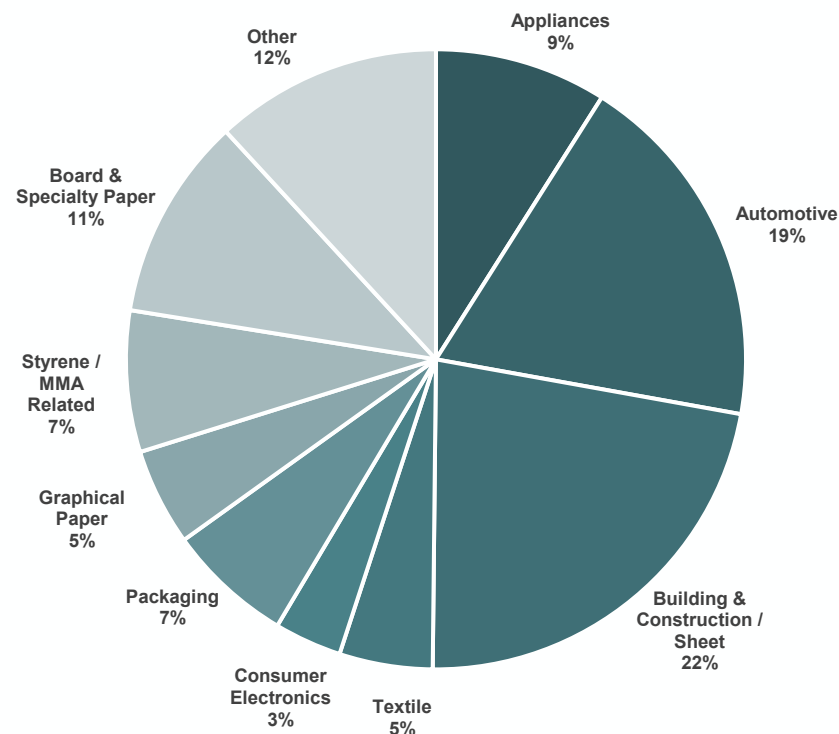
**\$743 Million**

Polystyrene

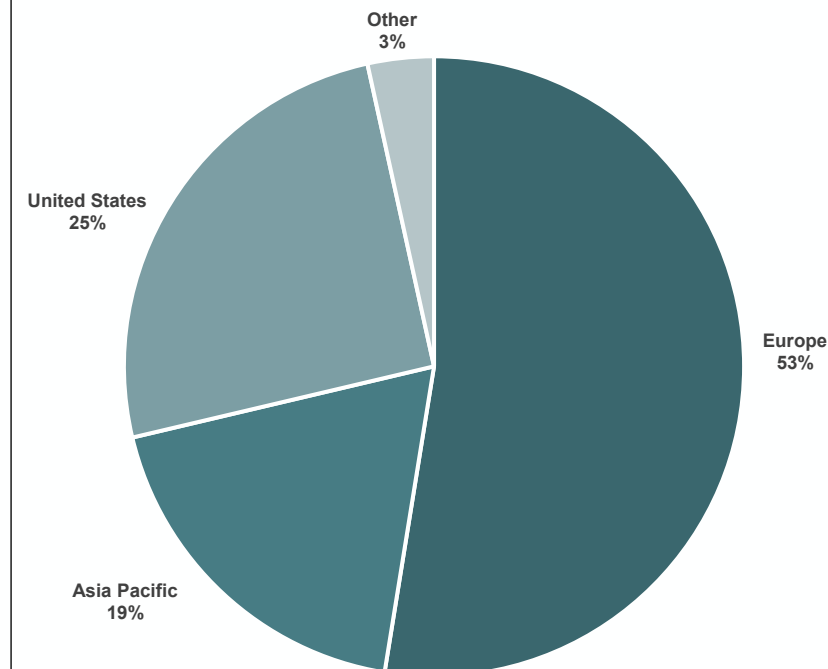
**\$166 Million**

Feedstocks

2023 Net Sales by End Market



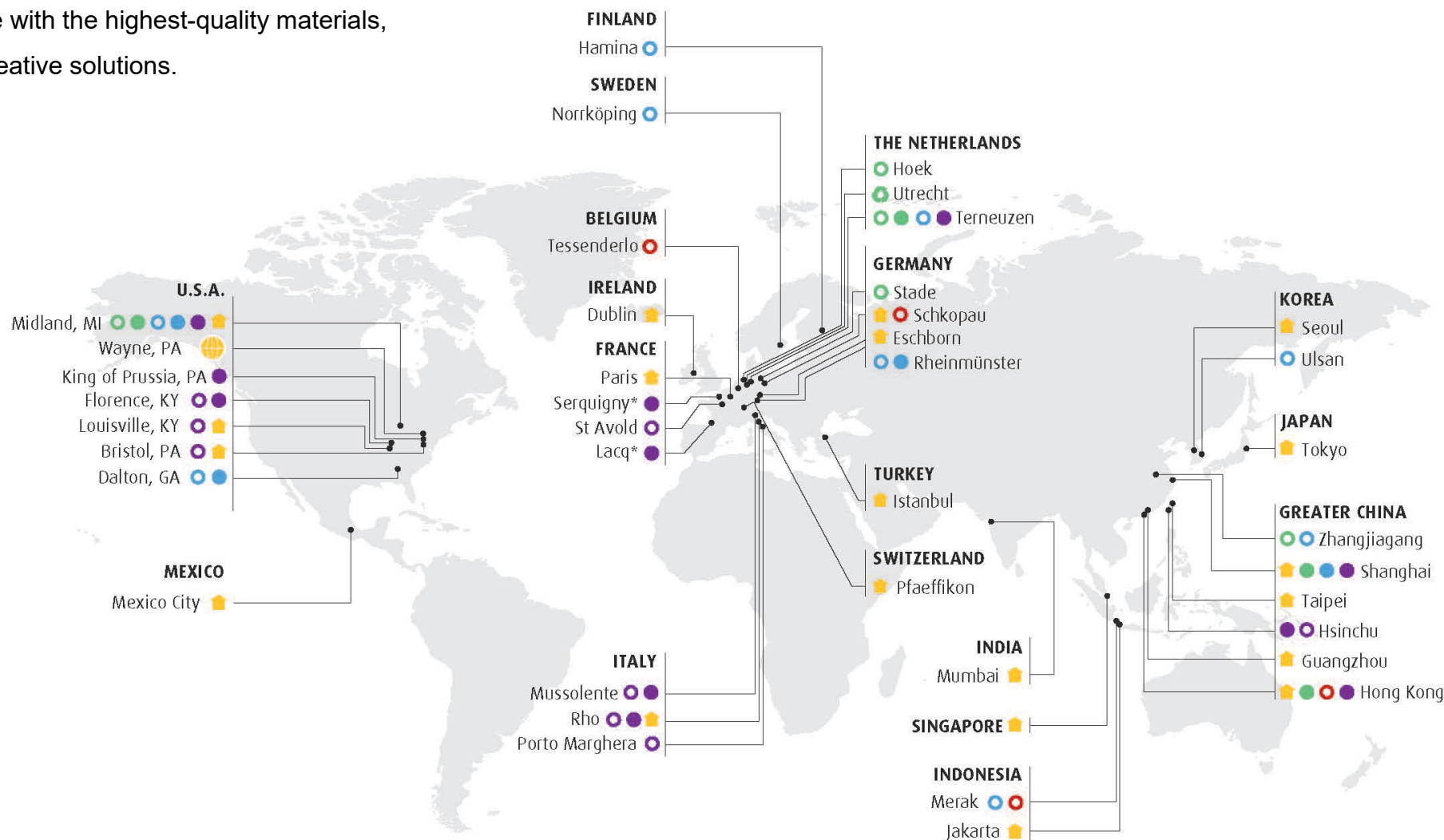
2023 Net Sales by Geography





# Global Footprint

Trinseo has made strategic connections around the world, allowing us to provide our global clientele with the highest-quality materials, innovative thinking, and bold, creative solutions.





**22**

MANUFACTURING  
SITES GLOBALLY



**\$3.7** Billion

2023 NET SALES



**3,100**

EMPLOYEES



**11**

R&D FACILITIES

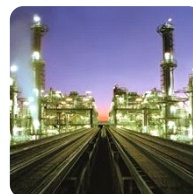


# Company History

ORGANIC GROWTH



Started up an ABS Plant at Zhangjiagang Site



Started up a pilot plant and expanded SSBR capacity at Schkopau Site



Started up a compounding plant at Terneuzen Site



Started up a TPE pilot plant at Hsinchu Site



2010

2014

2015

2017

2018

2019

2020-2021

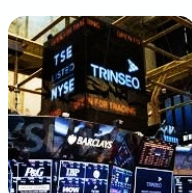
2022 & Beyond



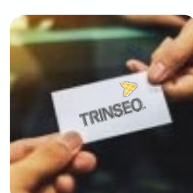
JV with Americas Styrenics LLC



Spun off from The Dow Chemical Company



Completed IPO on the NYSE ("TSE")



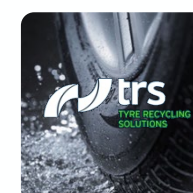
Changed the company name to "Trinseo."



Acquired Applicazioni Plastiche Industriali S.p.A. (API) in Italy



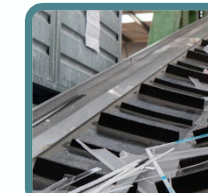
Acquired additional latex binder assets at Rheinmünster, Germany Site



Partnered with Tyre Recycling Solutions



Completed acquisition of Arkema's PMMA business



Completed acquisition of Heathland B.V.



Completed the sale of Synthetic Rubber to Synthos



Completed acquisition of Aristech Surfaces LLC

Position Trinseo as a specialty material solutions provider.

STRATEGIC GROWTH

# Recent Company Transformation

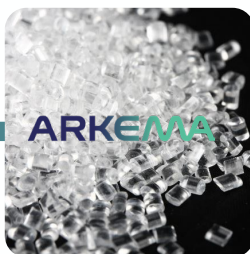


2020-2021

2022 & Beyond

Organic Growth

Strategic Growth



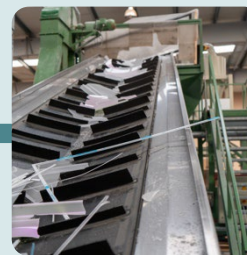
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**Position Trinseo as a specialty material solutions provider.**

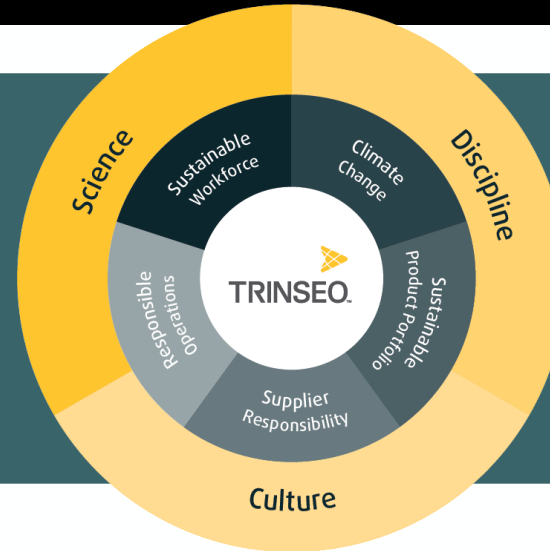
## Our mission



Enable **customers** to utilize premium, sustainable and circular solutions profitably



Contribute to the environment and people's **well-being** through responsible operations



We realize our goals through

- Science
- Discipline
- Culture

## Sustainability Goals

- Trinseo has developed **17 sustainability goals** under 5 categories



Climate Change



Supplier Responsibility



Sustainable Products



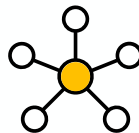
Sustainable Workforce



Responsible Operations

## Consolidated Efforts

- Trinseo Sustainability & Business Services (SBS) team is a centralized, cross-functional unit to consolidate and align company-wide efforts to achieve our sustainability goals.



## Sustainability Reporting

- Transparent annual reporting showing our progress in sustainability.
- Adoption of international standards to allow easy comparison with other companies.



## Trinseo Sustainability Academy (TSA)

- Internally, TSA webinars help to provide sustainability knowledge and training to our people. Externally, we share know-how and insights to our value chain partners, customers and anyone interested in the topics.
- In 2023, ~7,000 people have participated in our TSA webinars.
- <https://www.trinseo.com/Sustainability/Trinseo-Sustainability-Academy>



# Our Sustainability Journey in Action

As we work toward our goal of sustainability, we recognize the importance of an objective, scientific approach:



**Mass Balance Certification**



Scientific analysis is being adopted in our product development and we are building our own internal capabilities:

- Life Cycle Analysis (LCA)
- Product Carbon Footprint (PCF)

**Trinseo's recognized advocates and alliances for sustainable solutions:**





# Trinseo's Sustainability Strategic Roadmap





## Sustainability Strategy



- Incorporated five new members into the **Sustainability & Business Services team**
- Added the **Scope 3 Council**
- Announced launch of **pilot PC dissolution** and **PMMA depolymerization technologies**

## Safety



- Achieved an **injury rate of 0.30**, which puts Trinseo in the upper echelons of the chemical industry for safety
- Experienced an **18% decrease** in transportation incidents
- Recognized **72%** of teams with the **Triple Zero Award** for achieving zero injuries, spills and process safety incidents

## People



- Employed 3,126 people at facilities around the world
- Inaugurated **three new Employee Resource Groups**
- Enhanced our **2030 Sustainable Workforce goals**

## Environmental Protection



- Decreased GHG emissions intensity by **11%**
- Reduced freshwater intake by **12%**
- Increased renewable energy sources by **5%**

*\*All comparisons are made against Trinseo's 2022 data.*

## Business & Operations



- Implemented a **Scope 3 greenhouse gas (GHG) emissions supplier program**
- Added two new **Operation Clean Sweep®** compliant facilities in Europe

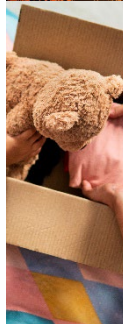
## Products & Innovations

### Building & Construction

- Incorporated more than **50% mechanically recycled** content into the CALIBRE™ ECO PC series

### Consumer Goods

- **Partnered** with RWDC Industries on PHA dispersion technology
- Incorporated **70% mechanically recycled** thermoplastic polyurethane feedstocks into APILON™ 52 ECO grades
- Launched LIGOS™ BH 7340 SCE binder, our first **compostable** bio-hybrid latex binder solution



### Medical

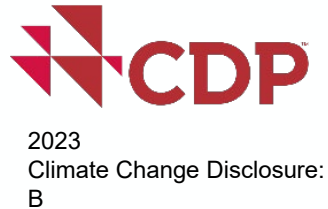
- Developed a **mass balanced** acrylonitrile butadiene styrene (ABS) medical solution

### Mobility

- Delivered ALTUGLAS™ and PLEXIGLAS® R-Life acrylic solutions that use **recycled feedstocks**
- Developed PULSE™ GX90 Engineered Resins with at least **30% recycled content**

# Sustainability Journey Results

Trinseo has become a leader in the industry for sustainability by helping our customers reach their sustainability goals:



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# The Future of Sustainability

## 2030 Trinseo Corporate Sustainability Goals

### Climate Change



- By 2035, Scope 1 & 2 GHG emissions intensity reduce by 35% (2017 base year)
- By 2030, increase the share of electricity from non-fossil sources from 5% to 30% (2017 base year)
- By 2025, establish a management system for Scope 3 emissions, and begin reporting and tracking Scope 3 emissions

### Sustainable Product Portfolio



- By 2025, 30% of Trinseo's technology and innovation/R&D efforts will be aimed at circular economy solutions
- By 2030, 40% of Trinseo's products will be sustainably advantaged
- By 2030, 50% of Trinseo products will be used in applications that align with the United Nations Sustainable Development Goals (UNSDG)

### Supplier Responsibility



- By 2025, implement a Sustainability/CSR Due Diligence program for new key suppliers as an addition to the existing supplier onboarding process
- By 2030, 80% of our existing suppliers with recurring spend of >\$100K will be assessed and demonstrated to be compliant with our sustainability requirements

### Responsible Operations



- By 2030, reduce freshwater intake by 20%
- By 2030, reduce overall waste generation by 15%
- By 2030, reduce waste disposal to landfill to zero
- By 2030, all pellet-handling sites achieve zero pellet loss to the environment through Operation Clean Sweep

### Sustainable Work Force



- By 2030, have 40% of management positions filled by women globally and increase the number of roles filled by underrepresented ethnic groups in the U.S.
- By 2030, achieve one or more years where the voluntary turnover rate for women is equal to or less than the global turnover rate.
- By 2030, achieve one or more years of zero recordable injuries for employees and contractors globally.
- Establish talent programs to spotlight, develop and promote women and underrepresented racial and ethnic groups.
- Develop an enterprise-wide strategy to measure, understand and respond to employees' sense of inclusion, belonging and engagement.



**Solutions**



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Solutions:  
**Discover What's Possible**

**We bring our bold creativity and technical expertise to a broad set of products and materials, helping solve customers' unique business challenges across key industries.**







## Consumer Goods

At every step of the way, we're focused on simplifying and enhancing the way consumers live with, work with, and ultimately experience the products that power our daily lives. We offer a variety of premium plastics and latex binders with specialty solutions for use in consumer electronics, footwear, home appliances, personal care and more.



## Mobility

With sustainability in mind, our goal is to minimize the mobility industry's environmental footprint, while advancing electric vehicles and battery technology and through lightweight, durable automotive materials.

Our portfolio of diverse materials meets a growing demand for interior, exterior, and semi-structural automotive applications for vehicles while driving down costs and improving performance, sustainability, comfort, durability, fuel efficiency, and safety.





## Building and Construction

We're enhancing the safety, strength, and longevity of building materials by customizing high-quality, sustainable construction solutions. We offer a broad portfolio of plastics and latex binders that offer consistent quality, differentiating technology, and performance in a variety of applications.



## Medical

Trinseo is helping our customers equip healthcare professionals with hygienic, durable, and biocompatible material solutions with the goal of improving the patient experience. We offer a range of rigid and soft plastic materials that give medical device manufacturers options to meet stringent performance requirements and ensure patient safety.

Engineered Materials, Plastics Solutions & Polystyrene				Latex Binders	
Products	<ul style="list-style-type: none"><li>Acrylonitrile Butadiene Styrene (ABS)</li><li>Bio-based and/or Biodegradable Plastics</li><li>Polycarbonate (PC) / blends</li><li>PC/PET</li><li>Long-Glass-filled Polypropylene</li><li>Glass-filled Alloys</li></ul>	<ul style="list-style-type: none"><li>Polypropylene compounds</li><li>General Purpose Polystyrene (GPPS)</li><li>High Impact Polystyrene (HIPS)</li><li>Styrene Acrylonitrile (SAN) Resins</li><li>Polycarbonate Resins (PC)</li><li>Thermoplastic Elastomers (TPE)</li><li>Thermoplastic Polyurethanes (TPU)</li><li>Methyl Methacrylate (MMA)</li></ul>	<ul style="list-style-type: none"><li>Polymethylmethacrylate (PMMA) Sheets (Acrylic, Continuous Cast)</li><li>Polymethylmethacrylate (PMMA) / ABS Sheets (Acrylic/ABS Continuous Cast)</li><li>Polymethylmethacrylate (PMMA) Resins and Beads</li><li>Solid Surface (Acrylic, Acrylic / Polyester)</li></ul>	<ul style="list-style-type: none"><li>Styrene Butadiene (SB) Latex Binders</li><li>Styrene Acrylate (SA) Latex Binders</li><li>Vinyl pyridine (VP) latex</li><li>Starch Containing Emulsion (SCE) Latex Binders</li><li>Compostable Bio-hybrid Latex Binders</li></ul>	
Registered Product Trade Name	<ul style="list-style-type: none"><li>AcryClear™</li><li>AcrySTEEL™</li><li>AcrySTEEL™ Marine</li><li>ALTUGLAS™</li><li>APIL™ TPC</li><li>APINAT™</li><li>APIGO™ TPO</li><li>APILON™</li><li>Aristech Arylics®</li><li>AVONITE®</li><li>AVONITE® Flex</li><li>CALIBRE™</li></ul>	<ul style="list-style-type: none"><li>CALIBRE™ MEGARAD™</li><li>EMERGE™</li><li>TRINSEO CELEX™</li><li>ENLITE™</li><li>KENOS™</li><li>InDURO™</li><li>INSPIRE™</li><li>MAGNUM™</li><li>MEGOL™</li><li>NEOGOL™</li><li>OROGLAS™</li><li>PLEXIGLAS®</li></ul>	<ul style="list-style-type: none"><li>PULSE™</li><li>PURE By AVONITE®</li><li>RAPLAN™</li><li>SOLARKOTE™</li><li>STYRON™</li><li>SIMPLY™</li><li>STUDIO Collection ®</li><li>STYRON A-TECH™</li><li>STYRON X-TECH™</li><li>STYRON™ C-TECH</li><li>TIVILON™ TPV</li><li>TYRIL™</li></ul>	<ul style="list-style-type: none"><li>ENVERSA™ Technology</li><li>LOMAX™ Technology</li><li>LIGOS™ Binders</li><li>Modifier A™ / NA Binder</li><li>VOLTABOND™ Binders</li></ul>	
Applications	<ul style="list-style-type: none"><li>Architecture &amp; Construction</li><li>Bath, Pool and Spa</li><li>Consumer Electronics</li><li>Consumer Goods</li><li>Edgebands</li><li>Electrical and Energy</li></ul>	<ul style="list-style-type: none"><li>Footwear</li><li>Furniture and Design</li><li>Home Appliances</li><li>Lighting and Diffusion</li><li>Medical Devices</li><li>Mobility / EV Battery</li></ul>	<ul style="list-style-type: none"><li>Packaging</li><li>Safety and Security</li><li>Sheet &amp; Profile Extrusion</li><li>Transportation</li><li>Visual Communications</li></ul>	<ul style="list-style-type: none"><li>Adhesives</li><li>Construction</li><li>Functional Nonwovens</li><li>Paper &amp; Board</li><li>Textiles &amp; Carpet</li><li>Mobility / EV Battery</li></ul>	
Rigid Plastics 				Soft Plastics 	Latex Binders 



# TRINSEO™

Connecting ideas with solutions