



Future in the making

3RD AMERICAS FORUM

Agenda

October 23 - 24, 2024

The Henry Ford Museum
Dearborn (MI) - USA

 Visit Our Website
cares-sustainableforum.com





Michael NELSON
Paint Market Development
Manager
ABB



Michael BENNET
Marketing Director
AXALTA



Shuang CHEN
Global Automotive OEM
Coatings Sustainability
Manager
BASF



John BAETZ
Regional Business
Director
BOSTIK



Travis TARBET
Manager, Environmental
Management
BMW



Jason SCHROEDER
Vice President Product
Management
DÜRR SYSTEMS



Dean WAINEO
General Manager
FANUC AMERICA



Lisa HANSEN
Regional Manager,
Environmental Quality
Office
FORD



Paul D. PETERSON
Global VP of Automotive and
NA Integrators
GRACO



Steven TOMASZEWSKI
Global Environmental
Director
GENERAL MOTORS



Peng LIU
Manager Sustainability
Automotive Automotive
Components & OEM
HENKEL



Chris HALL
MSS Frame Manufacturing
– Paint Category
HONDA



Nadia BENHAMIDA
Senior Polymers and
Coatings Engineer
HYUNDAI – KIA



Kevin KAMMERER
Exterior Group
Environmental Manager
MAGNA EXTERIORS



Paul SIKORA
Vice President &
General Manager
NALCO WATER



Joshua SUDBURY
Key Account Manager
NPAC



Shigeo TAKAHASHI
Chef de service Energy &
Environment
NISSAN



Kevin DUNBAR
Manufacturing – Facilities NNM,
Infrastructure, and Energy
Manager
STELLANTIS



Wataru MURATA
Project General
Manager, Production
engineering
TOYOTA



Jinno TOMOYUKI
Technical Head of
Plant & Environmen
TOYOTA



Michael FINLEY
Technical Head of
Plant & Environment
VOLKSWAGEN



Kenny WHITE
North American
President
CARES



Tim HAYES
International President
CARES



ABOUT CARES

CARES, the pioneering worldwide initiative, is the first of its kind in the Automotive Industry solely dedicated to **Sustainable manufacturing**

Taking place in Detroit, Michigan, this two-day conference is dedicated to showcasing **innovative techniques and strategies utilized in sustainable automotive manufacturing**. The event encompasses keynote presentations, theme-oriented discussions, educational workshops, and networking opportunities tailored for **Manufacturing & Engineering Mobility OEMs and Suppliers, along with all stakeholders across sectors within the ecosystem of Sustainable Manufacturing**

As it enters its third year in 2024, the transdisciplinary forum expects to welcome over 300 professional attendees. The primary goal is to **facilitate collaboration among industry professionals, advancing green automotive manufacturing practices through cross-sector cooperation**.

CARES stands as the leading platform for attendees to delve into and deliberate on innovative strategies, state-of-the-art technologies, and burgeoning business prospects within sustainable manufacturing.

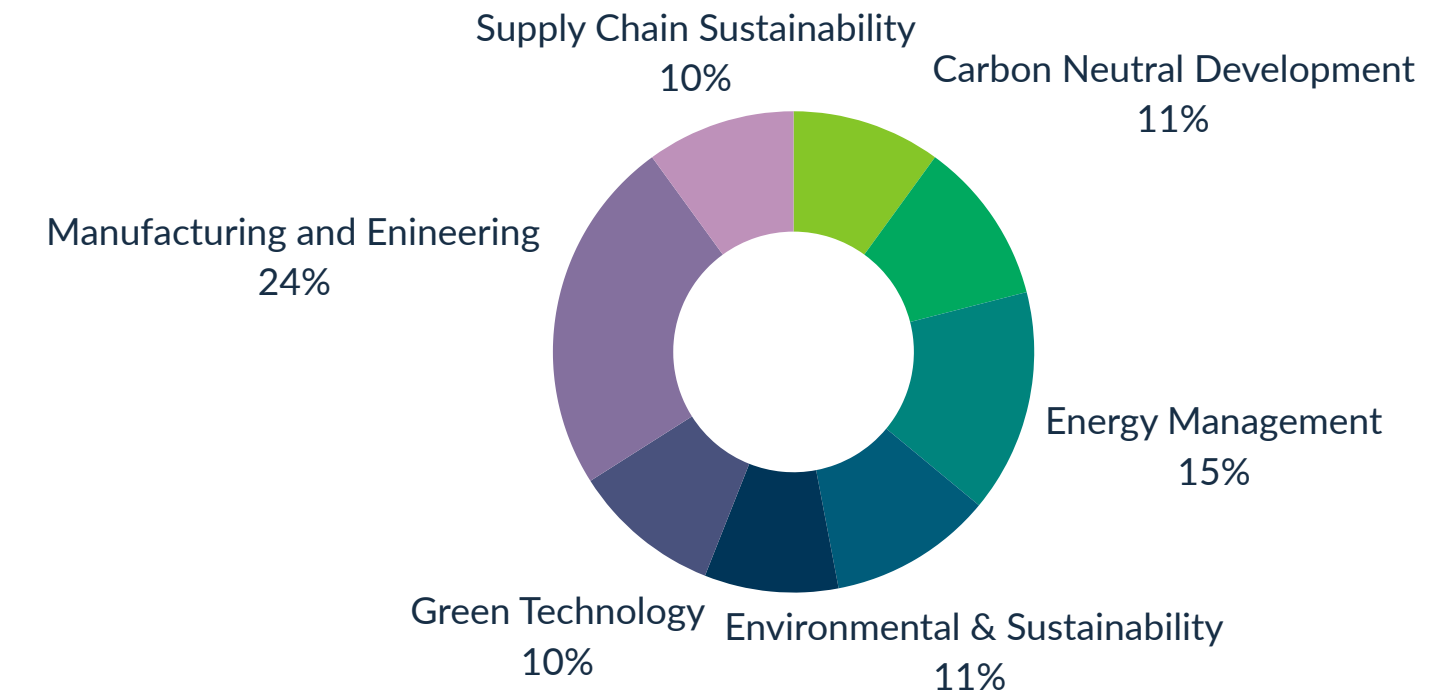
2023 CARES DEMOGRAPHICS



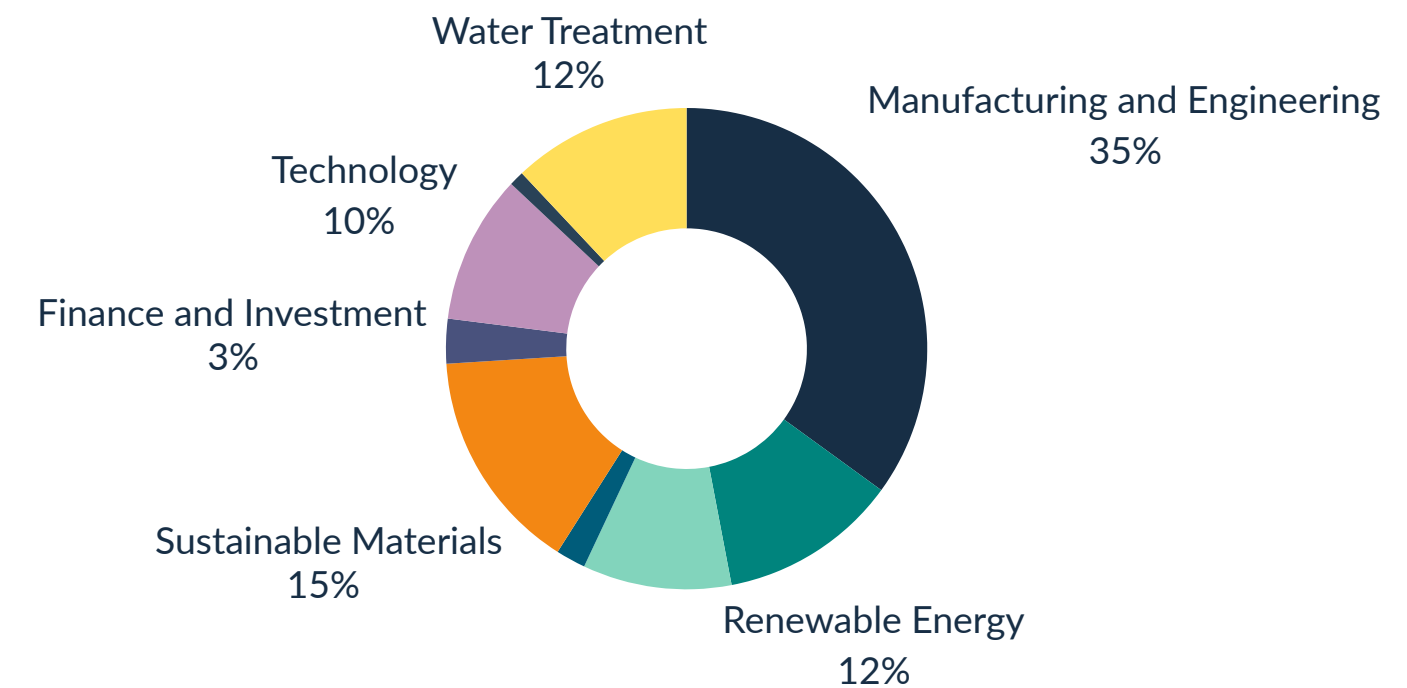
01. ATTENDEE TYPE



02. OEM ATTENDEES EXPERTISE



03. SUPPLIERS BUSINESS SECTORS





2023 CARES HIGHLIGHTS

95%

Attendees would recommend CARES to their colleagues and friends.

97%

Attendees would like to join in next CARES Congress.

258

Numbers of questions that Attendees asked to presenters and panelists at 2023 CARES.

WINNING PRESENTING COMPANIES

AWARD FOR INNOVATION

Recycled NCM cathode active material engineered for high-power, high-performance lithium-ion battery applications, **ASCEND ELEMENTS & XAL ENERGY**

AWARD FOR TECHNIQUE

Toyota Approach to Carbon Neutrality, **TOYOTA MOTOR MANUFACTURING**
Ford's Carbon Neutral Strategy for manufacturing facilities, **FORD MOTOR COMPANY**

JURY'S AWARD

Engineering New Carbon-Negative Plastic Materials for the Automotive Industry.
MAGNA EXTERIORS & HEARTLAND INDUSTRIES

THE AUDIENCE CHOICE AWARD

Cradle to Grave Carbon Footprint of Automotive coatings, adhesives and sealants materialsry. **PPG**



WHY ATTENDS

Strategic Market Positioning

Professionals in the automotive sustainable manufacturing ecosystems, including manufacturing and engineering mobility OEMs and suppliers, renewable energy firms, technology and software providers, circularity and remanufacturing companies, leverage CARES to align with sustainability trends, meet the expectations of automotive OEM companies, differentiate companies offerings and establish themselves as leaders in the sector.

Networking Platform:

CARES provides an exclusive chance to engage with stakeholders from diverse sectors, nurturing relationships and fostering potential collaborations. Moreover, automotive OEMs have their dedicated business meeting hub within the event, facilitating discussions and networking opportunities with participants.

Foster Cross-Sector Collaboration

Over two days of technical presentations and panel discussions involving OEMs and their suppliers at a high level, CARES acts as a central meeting point where various stakeholders come together. This fosters the development of relationships, reinforces existing connections, and encourages collaborative partnerships across sectors.

Stay Informed about Sustainable Auto Manufacturing

Engaging in CARES ensures that industries remain up-to-date with the latest advancements, practices, and technologies in sustainable auto manufacturing on a global scale.





AMONG 2024 TOPICS

1. Actionable Carbon Footprint Reduction Strategies:

What specific, practical measures can companies implement to effectively reduce their carbon footprint, excluding self-promotional pitches or self-serving agendas?

2.Environmental Impact of Batteries and Paint:

How can we assess and minimize the environmental footprint of batteries and paint, considering their recyclability, contribution to a circular economy, and efforts towards carbon neutrality

3.Sustainable OEM Sourcing:

How are original equipment manufacturers (OEMs) adapting their sourcing strategies to prioritize lower product carbon footprints (PCFs) and circular products, and what challenges do they face in this endeavor?

4.OEM Partnerships for Automotive Component Recycling:

What challenges do OEMs face in identifying and collaborating with reliable and efficient partners for sorting and recycling automotive components, and how can these challenges be overcome?

5.Sustainable Materials Adoption:

How can OEMs and suppliers collaborate to incorporate new materials with a lower carbon footprint, such as mastic materials, low-bake adhesives, and low-bake e-coats, while ensuring compatibility with existing OEM specifications for recycled materials?

6.Brownfield Adaptation and Multi-Material Challenges:

How can we effectively implement sustainable waste management practices and circular economy principles in brownfield plants and facilities that handle a diverse range of materials and product models?

7. Design for Remanufacturing:

What are the key obstacles to remanufacturing? What materials should we avoid using, and what components should be eliminated in favor of reusable elements?

PROVISIONAL AGENDA, DAY 1 – WEDNESDAY, OCTOBER 23



- 08:00 **Welcome and Registration Reception** 
- 08:45 **Opening Welcome remarks**
- 08:50 **Keynote presentation – The Road to Net Zero: How Automotive Suppliers contribute to the Success of our Industry**
 - **Lars KISSAU**, President – Net Zero Accelerator – **BASF**

Sustainable Materials Integration

- 09:15 am **Session Chairpersons Welcome remarks**
 - **Chris HALL**, MSS Frame Manufacturing Characteristics – **HONDA**
 - **Nadia BENHAMIDA**, Manager Total Vehicle Development – **HYUNDAI KIA**
- 09:20 am **Partnering with Suppliers to Transition from Primary Materials to Sustainable Solutions – Understanding the Strategy for Implementation**
 - **Ellen LEE**, Technical Leader – **FORD**
- 09:40 am **The Fundamental Ingredient for Sustainability**
 - **Alex HORISBERGER**, Senior Design Consultant – **BASF**
- 10:00 am Networking & Refreshment break
- 10:40 am **Fully Biobased Composite using Lignin-Based Epoxy Resin and Bamboo Fiber**
 - **Mojgan NEJAD**, Associate Professor – **MICHIGAN STATE UNIVERSITY**
- 11:00 am **Our Ambition: a Seismic Shift in the Way we Coat Vehicles**
 - **Shannon CARROZZI**, Global Strategic Product Manager – **PPG**
- 11:20 am **Regulatory Influences on Sustainability Reporting**
 - **Bill MCDERMOTT**, Environmental Specialist – **STELLANTIS**
 - **Chelsea SCALIA**, Environmental Health & Safety Project Manager – **ERA ENVIRONMENTAL MANAGEMENT SOLUTIONS**
- 11:50 am **Exhibition Partners Introduction**
- 12:00 pm **Networking & Lunch break** 

Practical Carbon Footprint Reduction Measures

- 01:30 pm **Session Chairpersons Welcome remarks**
 - **Steve TOMASZEWSKI**, Global Environmental Director – **GENERAL MOTORS**
 - **Dean WAINEO**, General Manager – **FANUC**
- 01:35 pm **From Disclosure To Decarbonization: How Organizations Can Set And Achieve Their Climate Goals And Drive Tangible Impact**
 - **Joey LANGE**, Sr. Managing Director, Energy Supply Advisory – **TRIO**
- 01:55 pm **The Methodology & Roadmap to Net Carbon Neutrality for automotive industry**
 - **Peng LIU**, Sustainability Manager Automotive OEMs – **HENKEL**
- 02:15 pm **Strategies for Automobile Manufacturers to Reduce Their Carbon Footprint**
 - **Kevin TOPDJIAN**, RNG Marketing Director – **TOTALENERGIES**
- 02:35 pm **Enhancing Carbon Footprint Reduction: Overcoming Challenges in Quantifying Scope 3 Emissions**
 - **Brandon DOOM**, EHS and Sustainability Manager – **ADAC**
 - **Laura WEINKAM**, Managing Partner – Sustainability Coordinator and Project Analyst – **ERA ENVIRONMENTAL MANAGEMENT SOLUTIONS**
 - **Erin MANITOU**, Managing Partner – New Business Development – **ERA ENVIRONMENTAL MANAGEMENT SOLUTIONS**
- 03:05 pm Networking & Refreshment break
- 03:45 pm **Reducing Carbon Footprint through Electrification of Fluid Handling Equipment**
 - **Bryan PARKER**, Product Marketing Manager – **GRACO**
- 04:05 pm **Using LCA Data, Proven Results, and Sustainable Solutions to Reduce Carbon Footprint of New Automobiles and Manufacturing Processes**
 - **Joel GARRETT**, SVP – Safety-Kleen Oil – **SAFETY-KLEEN**
- 04:25 pm **Toyota & Das-Nano Paving the way of Terahertz Film Build Measurement systems for saving time, materials and energy**
 - **Jessie RICHARDSON**, Senior Paint Engineer – **TOYOTA**
 - **Israel ARNEDO**, Director –, **DAS-NANO**
- 04:55 pm **Tracking the Automotive Shift to Renewable Energy and Cleaner Supply Chains (TBC)**
 - *Speaker TBC*, **SCHNEIDER ELECTRIC**
- 05:15 pm **Panel Discussion**
 - **Sarah SAJEDI**, CEO – **ERA ENVIRONMENTAL MANAGEMENT SOLUTIONS**
 - *Speaker TBC*, **SCHNEIDER ELECTRIC**
- 06:00 pm **Gala Dinner – The Henry Ford Museum**

PROVISIONAL AGENDA, DAY 2 – THURSDAY, OCTOBER 24



08:00 **Welcome and Registration Reception**
In partnership with

08:45 **Opening Welcome remarks**

08:50 **Keynote presentation**

- *Speaker TBC*

From Waste to Worth: Designing for a Circular Economy

09:15 am **Session Chairpersons Welcome remarks**

- **Lisa HANSEN**, Regional Manager, Environmental Quality Office – **FORD**
- **Joshua SUDBURY**, Key Account Manager – **NIPPON PAINT**

09:20 am **Unmasking the Hidden CO2: Waste Paint Streams in Emission Calculations**

- **Laurie GRAVES**, Environmental Specialist – **TETRA TECH**
- **Sarah SAJEDI**, CEO – **ERA ENVIRONMENTAL MANAGEMENT SOLUTIONS**

09:50 am **LCA Evaluation, Simulations And Decisions For The Most Economical And Sustainable Paintshop With The ‘Glass’ Tool**

- **Markus PIEPENBRINK**, Director Global Sustainability – **BASF**

10:10 am **Enabling more sustainable design and manufacturing processes leveraging AI, predictive analytics and digital factory**

- **Marc BANNING**, Global Business Development Exec – **AUTODESK**

10:30 am **Closing the Loop: Innovations in Durable Goods End-of-Life Management**

- **Jason HIPSHIER**, Chief Innovation Engineer, Advanced Product Development – **YANFENG**
- **Kari BLISS**, Principal, Sustainability – **PADNOS**
- **Hayden LATHAM**, Account Executive – **PADNOS**

11:00 am **Networking & Refreshment break**

11:40 am **Design for Remanufacturing – Benefits from warranty cost reduction to OES Service Support**

- **Joe KRIPLI**, President – **APRA**

12:00 pm **Panel discussion**

12:30 pm **Networking & Lunch break**
In partnership with

OEM Strategies for Sustainability

01:30 pm **Session Chairpersons Welcome remarks**

- **Kevin KAMMERER**, Group Environmental & Sustainability Manager – **MAGNA STEYR**
- **Kevin DUNBAR**, Manufacturing – Facilities NNM, Infrastructure, and Energy Manager – **STELLANTIS**

01:35 pm **ESCO – Energy Systems Co-Op**

- **Megan DIBENEDETTO**, Senior Engineer – Environmental Planning – **TOYOTA MOTOR NORTH AMERICA**

01:55 pm **Enhancing Brand Protection and Optimizing Recycled Material Availability Through Vehicle Recycling**

- **Pierce CLEARY**, Senior Director Business Development & Strategy – **RADIUS RECYCLING**

02:15 pm **Recycled Ncm Cathode Materials Engineered For High Performance Lithium-Ion Batteries With Low Carbon Footprint**

- **Michael CORACI**, New Business Development Manager – **ASCEND ELEMENTS**
- **Kevin DAHLBERG, Ph.D.**, VP of Cell Technology – **FREUDENBERG E-POWER SYSTEMS**

02:45 pm **Climate-neutral production without additional costs: measures to electrify the paint shop while reducing overall energy consumption**

- **Michaek MUNN**, Key Account Manager – **DÜRR**

03:05 pm **How to build a more durable GM electric delivery vehicle using an adhesive/sealant that enables a more sustainable manufacturing process like the Bostik MSR CA Silane-Modified Polymer (SMP) technology**

- **Patel ATUL**, Materials Engineering – Adhesives Lead – **GENERAL MOTORS**
- **Terry SMART**, Business development Manager – Automotive – **BOSTIK**

03:35 pm **Networking & Refreshment break**

04:00 pm **Panel Discussion**

04:30 pm **Wrap-up**

04:35 pm **Awards Ceremony**
In partnership with



PRACTICAL INFORMATION

DATE

October 23 & 24, 2024

VENUE

THE LOVETT HALL – The Henry Ford Museum
20900 Oakwood, Dearborn, MI 48124

INDIVIDUAL REGISTRATION FEE *

Standard Rate

US\$ 1450/ ticket

Please contact us for Automotive OEM rates

** Each ticket includes the two-day conference, refreshment break, lunch, Cocktail reception, awards ceremony, access to exhibition and meeting areas. The registration fee does not include travel expenses, parking fees or any other additional cost or service.*

DRESS CODE

Business or business casual attire is recommended (no tie).

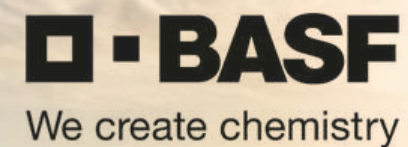
NETWORKING OPPORTUNITIES

- Engage in networking breaks and connect with industry leaders. Attend the designated networking lunch for collaborative discussions.



IN PARTNERSHIP WITH

FRONT RUNNER PARTNER



KNOWLEDGE PARTNER



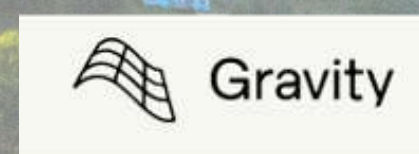
VIP PARTNER



BRANDING PARTNERS



EXHIBITOR PARTNERS



MEET THE TEAM

SPONSORSHIP OPPORTUNITIES

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