



Future in the making

# <sup>nd</sup> 2 NORTH AMERICAN CONFERENCE

**October 19 – 20, 2023**

Saint John's Resort, Plymouth (MI) – USA



Visit Our Website

[cares-sustainableforum.com](https://cares-sustainableforum.com)





A wide-angle photograph of the Chicago skyline, featuring prominent skyscrapers like the Willis Tower, set against a clear blue sky. The city is situated along a body of water, with some lower-rise buildings and greenery visible in the foreground.

# CONTENT

**01**

About CARES

**02**

Committee

**03**

Latest edition

**04**

Who attends

**05**

2023 themes

**06**

Speakers

**07**

Agenda

**08**

Practical Info

A solid green vertical bar located on the right edge of the page.



# ABOUT CARES

CARES is a two – day conference highlighting **the innovative techniques and strategies used in sustainable automotive manufacturing**. Held in Detroit (Michigan), the CARES North American Conference will have keynote presentations, theme-oriented discussions, educational workshops, and networking events with car manufacturers and environmental experts.

In its second year in 2023, the transdisciplinary forum expects to host **400+ professional attendees** ranging from automotive professionals and sustainability advocates.

Our goal is to inspire industry professionals to **advance green automotive manufacturing practices, cross-sector and industry collaboration**. CARES is the premier platform for attendees to learn and discuss **innovative strategies, leading technologies, and new business opportunities** related to sustainable manufacturing.



Visit Our Website

[cares-sustainableforum.com](https://cares-sustainableforum.com)





**Patrick MATTHEWS**  
Global Powertrain Group  
Manager  
**ABB**



**Michael BENNET**  
Marketing Director  
**AXALTA**



**Paul STACHURA**  
Sustainability and  
Strategy,  
Coatings Americas  
**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**



**Steven TOMASZEWSKI**  
Global Environmental  
Director  
**GENERAL MOTORS**



**Marcus DE LA MERCED**  
Head of Application  
Engineering & Technical  
Management  
**HENKEL**



**Chris HALL**  
Staff Engineer  
**HONDA**



**Nadia BENHAMIDA**  
Senior Polymers and  
Coatings Engineer  
**HYUNDAI - KIA**



**Philipp RUCKER**  
Director Manufacturing  
Engineering & Logistics  
**MAGNA STEYR**



**Paul SIKORA**  
Vice President & General  
Manager  
**NALCO WATER**



**Joshua SADBURY**  
Key Account Manager  
**NPAC**



**Shigeo TAKAHASHI**  
Chef de service Energy &  
Environnement  
**NISSAN**



**Dennis TALJAN**  
General Manager  
Automotive OEM Services  
**PPG**



**Gael THEZE (TBC)**  
Deputy General Manager  
Decarbonization  
& Energy Performance  
**RENAULT**



**Kevin DUNBAR**  
Manufacturing - Facilities NNM,  
Infrastructure, and Energy  
Manager  
**STELLANTIS**



**Wataru MURATA**  
Project General  
Manager, Production  
engineering  
**TOYOTA**



**Kenny WHITE**  
North American  
President  
**CARES**



**Tim HAYES**  
International President  
**CARES**



# 2022 CARES REVIEW

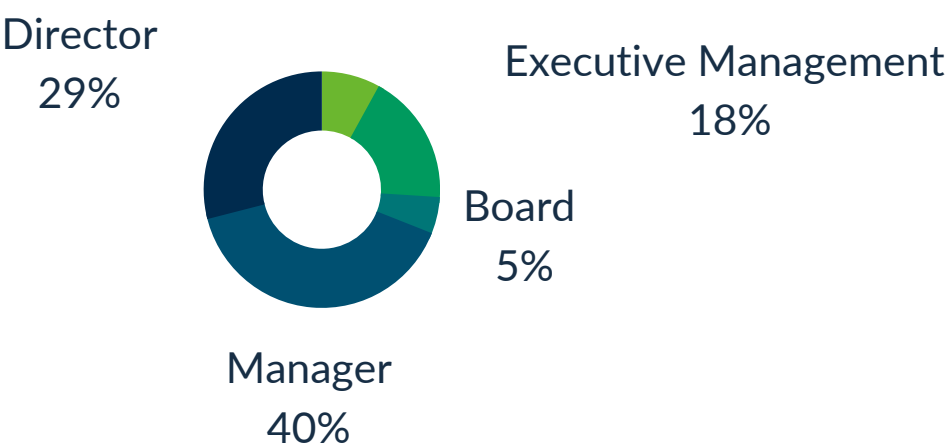


## PARTICIPANTS' DEMOGRAPHICS

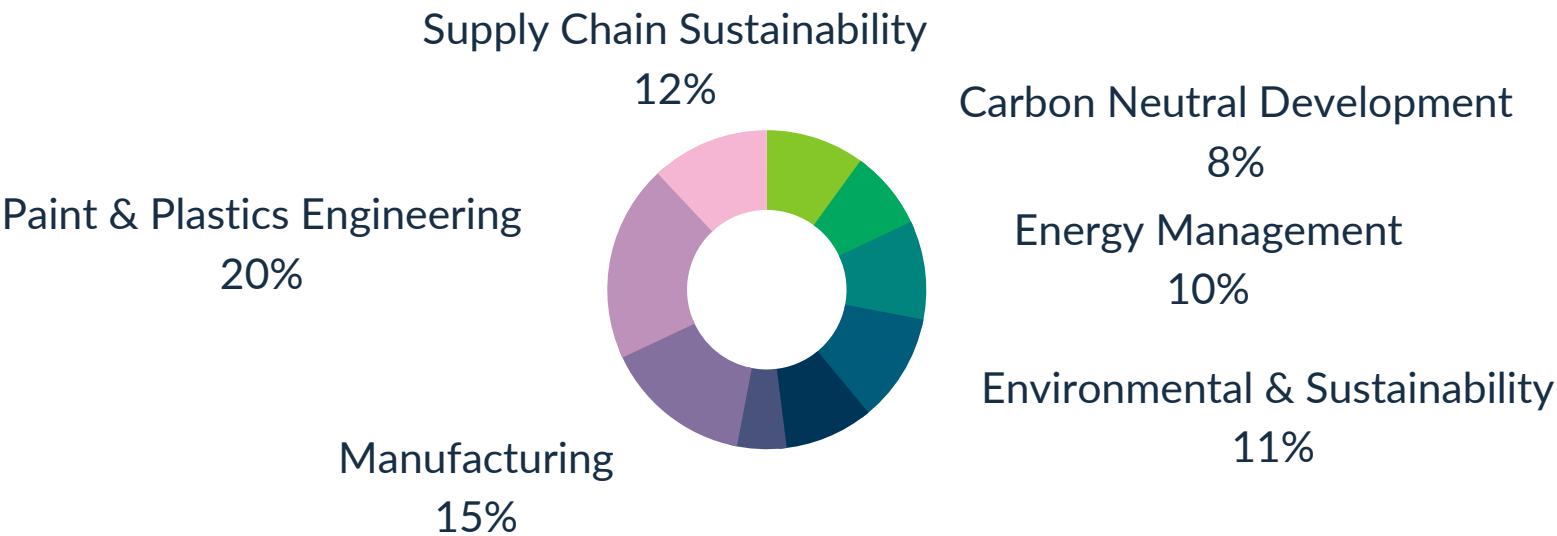
### 01. ATTENDEE TYPE



### 02. JOB LEVEL



### 03. OEM ATTENDEES DEPARTMENT



## PARTICIPANTS' FEEDBACK

- 95%** Attendees would like to join in next CARES Congress.
- 96%** Attendees would recommend CARES to their colleagues and friends.
- 219** Numbers of questions that Attendees asked to presenters and panelists.



With more than 400 expected attendees descending upon Detroit, it's inevitable you'll connect with various CARES personas.



### **AUTO OEM**

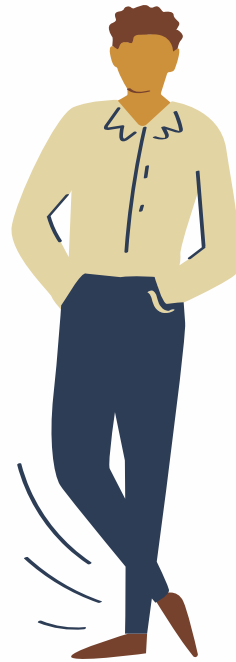
**Sustainability, Environment & Safety Engineers and Experts**

#### **WHAT THEY WANT**

- Develop and lead a multi-pronged strategy for Environmental Social and Governance
- Develop objectives and metrics to achieve short- and long-term goals, including eventual carbon neutrality

#### **HOW TO CONNECT**

- Find them on stage presenting
- Meet them at OEM corner
- Attend the networking receptions and break.



### **AUTO OEM**

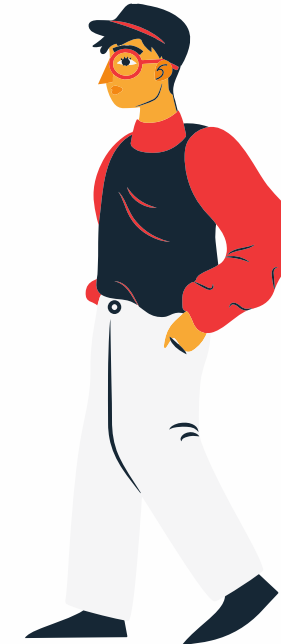
**Water, Energy, Sustainable Materials, Waste Reduction Engineers and Experts**

#### **WHAT THEY WANT**

- Benchmark and learn best practice on reducing the waste, water and carbon impact that are produced by manufacturing and operational processes and plants.

#### **HOW TO CONNECT**

- Find them on stage presenting
- Meet them at OEM corner
- Attend the networking receptions and break.



### **AUTO OEM**

**Manufacturing and Sustainability Engineers and Experts**

#### **WHAT THEY WANT**

- Benchmark and learn best practice on how to evaluate energy, air consumption, and target efficient practices, etc the innovative techniques their teams can put to use now to improve manufacturing efficiency, production yields, product quality and consistency

#### **HOW TO CONNECT**

- Find them on stage presenting
- Meet them at OEM corner
- Attend the networking receptions and break.



### **CEO**

#### **WHAT THEY WANT**

- Build relationships with other C-Level executives in Industry
- Understand what's needed of their various business partner and auto OEMs to grow their business

#### **HOW TO CONNECT**

- Find them on stage presenting
- Attend the networking receptions and break.



### **SALES & MARKETING LEADER**

#### **WHAT THEY WANT**

- Monitor market changes and demands, collect and provide a full market analysis and date awareness of industry trends, technical & training development, market intelligence.
- Drive Auto OEM account business growth

#### **HOW TO CONNECT**

- Find them on stage presenting
- Attend the networking receptions and break.



### **RESEARCH & DEVELOPMENT EXPERTS**

#### **WHAT THEY WANT**

- Lead innovation, new product development, and sustaining engineering initiatives to improve product efficiency to suit Auto OEM's expectation
- Identify the cutting-edge technologies, tools, and best practices for the sustainable manufacturing production process

#### **HOW TO CONNECT**

- Find them on stage presenting
- Attend the networking receptions and break.



### **CUSTOMER SERVICE ENGINEERS**

#### **WHAT THEY WANT**

- Heavily focused on Auto OEM customer service and innovative progression.
- Learn best practices and key strategies that can drive their customer service roadmap for years to come.

#### **HOW TO CONNECT**

- Find them on stage presenting
- Attend the networking receptions and break.



# 2023 MAIN TECHNICAL THEMES



## OEMs STEPS FOR SUSTAINABLE MANUFACTURING

- The current status of OEMs' sustainability implementation in regards to the production – where is the industry today,
- what are Auto OEMs' goals to sustainability
- where do OEMs want to go
- which return on invest is acceptable for Auto OEMs.

## RESOURCE SUSTAINABILITY

- Reduce the use of raw materials and use secondary materials instead on battery production, and in other manufacturing process
- Implement sustainable materials: zero-carbon steel, carbon fibre materials, soy, wheat...
- Close the loop by reusing batteries and recovering the metals to reuse
- Increase the supply of renewable energy

## DATA EMPOWERMENT

- Collect quality, comparable and transparent data, create effective data management system provide OEMs clarity, more visibility and better insight into product footprints
- Introduce ambitious and attainable measures to help cut emissions.
- Measure the ROI of Sustainability to implement a finally and environmentally responsible business model.



# PROVISIONAL AGENDA





# 2023 GUEST OF HONOR SPEAKERS

## Guest of Honor Speaker

Day 1 – Thursday Oct 19



**Emilio TENUTA**

Senior Vice-President and  
Chief Sustainability Officer

**ECOLAB**

**Emilio Tenuta** has over 32 years of experience and is a highly regarded leader in the sustainability community. Emilio has led multiple initiatives across multitude of industries and speakers at COP 27, World Climate Summit, UN water council.

***Emilio Tenuta 's presentation at CARES 2023:***

### ***We Can't Get to Net Zero Operations Without Addressing Water and Nature***

This session will provide real-world examples of how operational water stewardship and nature-based solutions can help save energy and enable companies to reach their climate goals. It will also outline strategies to help the automotive industry manage operational risk as well as create opportunities for growth now and in the future.

## Guest of Honor Speaker

Day 2 – Friday Oct 20



**Deborah MIELEWSKI**

Formerly Technical Fellow of  
Sustainability

**FORD MOTOR COMPANY**

Dr. Deborah Mielewski has been the Technical Fellow of Sustainability at Ford Motor Company for 34 years. She has over 60 referred journal publications and 20 U. S. patents. Her work has been acknowledged with awards such as the Henry Ford Technology Award, the R&D100 Award, the Environmental Management Association Award etc.

***Dr. Deborah Mielewski 's presentation at CARES 2023:***

### ***Driving Green in the Automotive Industry and Beyond***

Deborah F. Mielewski, PhD will deliver a keynote presentation on her 25+ years effort at Ford to research, develop, and implement sustainable materials on Ford production vehicles. The presentation will cover the myriad of ways that Ford addressed making materials that have lower environmental impact, are lighter in weight (increasing fuel economy or battery range), and using recycled materials from their own and other industries' waste products.



# DAY 1 – THU OCT 19

- 7:30 **Welcome Registration & Reception**
- 8:50 **We Can't Get to Net Zero Operations Without Addressing Water and Nature**  
*Guest of honor – Keynote presentation*
- **Emilio TENUTA**, Senior Vice-President and Chief Sustainability Officer – **ECOLAB**

## Resource Sustainability

- 9:20 **Session Chairperson welcome note**
- **Steve TOMASZEWSKI**, Global Environmental Director – **GENERAL MOTORS**
- 9:25 **Ford's Carbon Neutral Strategy for manufacturing facilities**
- **George ANDRAOS**, Director, Sustainable Energy and Innovation – **FORD MOTOR COMPANY**
- 9:45 **Recycled NCM cathode active material engineered for high power, high performance lithium ion battery applications**
- **Michael CORACI**, New Business Development Manager – **ASCEND ELEMENTS**
  - **Kevin DAHLBERG**, Vice President of Cell Technology – **XALT ENERGY**
- 10:10 **Onsite recovery, refining and reuse of N-methylpyrrolidone (NMP) for coating of li-ion battery electrodes**
- **David VENTOLA**, Business Development Director, Engineered Products – **DURR SYSTEMS**
- 10:30 *Refreshment break & Networking*
- 11:00 **Moving the needle on decarbonization in the automotive sector: solutions across the value chain**
- **Aaditya RAMAN**, Director – Development, Strategy & Innovation – **VEOLIA**
- 11:20 **From scrap tires to door handles**
- **Chris KORSON**, Market Segment Manager – **BASF**
  - Speaker to be confirmed – **MERCEDES**
- 11:50 **How to achieve sustainability and Recycling of all components including Batteries?**  
*Panel discussions*
- 12:15 *Exhibition Partners Introduction Pitch*

## Data Empowerment & Energy Efficiency

- 13:25 **Session Chairperson welcome note**
- 13:30 **OEM' sustainability plan for Carbon Neutrality**
- Speaker to be confirmed – **NISSAN NORTH AMERICA**
- 13:50 **Beyond EVs – the circular paradigm shift and how to break through**
- **Joshua HINKEL**, Partner – **BAIN & COMPANY**
  - **Lucas MARTIN**, Partner – **BAIN & COMPANY**
- 14:10 **Sustainability, decarbonization and the circular economy for mobility manufacturing: the roads towards net zero**
- **Laurence MARECHAL**, Global Market Executive – OEM & Mobility – **TOTALENERGIES**
- 14:30 **Cradle to Grave Carbon Footprint of Automotive coatings, adhesives and sealants materials**
- **Thierry DESTRUHAUT**, Sustainability Director Global Automotive OEM – **PPG**
- 14:50 *Refreshment break & Networking*
- 15:20 **A Sustainable Alternative for Automotive Paint Shops**
- **Abraham SALAZAR**, Senior Manager, R&D – **GIFFIN**
  - **Mounir SLAMA**, Vice President Global Sales – Finishing – **COLUMBUS INDUSTRIES**
- 15:50 **Benefits of utilizing DC electric driven pumps in Paint mix room and sealer applications**
- **Bryan PARKER**, Automotive Market Strategist – **GRACO**
- 16:10 **Aligning and scaling carbon reporting and reduction through the supply chain**
- **Kellen MAHONEY**, Director – **SUPPLIERS PARTNERSHIP FOR ENVIRONMENT**
  - **Julie LAI**, Global Purchasing and Supply Chain Sustainability Supervisor – **GENERAL MOTORS**
- 16:40 **How circular Supply Chain is playing a crucial role in meeting today's sustainability demands in automotive industry**  
*Panel discussions*
- 17:20 *End of the day*
- 18:00 **GALA DINNER** in partnership with **NALCO Water**  
An Ecolab Company



# DAY 2 – FRI OCT 20

- 8:00 **Welcome Registration & Reception**
- 8:50 **Driving Green in the Automotive Industry and Beyond**  
*Guest of honor – Keynote presentation*
- **Deborah MIELEWSKI**, Formerly Technical Fellow of Sustainability – **FORD MOTOR COMPANY**

## Resource Sustainability

- 9:20 **Session Chairperson welcome note**
- **Lisa HANSEN**, Regional Manager, Environmental Quality Office – **FORD MOTOR COMPANY**
- 9:25 **Toyota Approach to Carbon Neutrality**
- **Liesa BEDNAR**, Group Manager, Paint – **TOYOTA MOTOR MANUFACTURING NA**
- 9:45 **Green benefits of using returnable**
- **Jack SUBEL**, Vice President, New Business Development – **TRIENDA**
- 10:05 **Net Zero Without Compromises: The Potential of Graphene to Decarbonize the Automotive Sector**
- **Keith NORMAN**, Chief Sustainability Officer – **LYTEN**
- 10:25 *Refreshment break & Networking*
- 10:55 **Engineering New Carbon-Negative Plastic Materials for the Automotive Industry**
- **John ELY**, Chief Marketing Officer – **HEARTLAND INDUSTRIES**
  - **Kevin KAMMERER**, Exterior Group Environmental Manager – **MAGNA INTERNATIONAL**
- 11:25 **Sustainable carbonaceous material as a pigment for coating applications**
- **Jerry LAI**, R&D Director – **BIRLA CARBON**
- 11:45 **Sustainability Benefit of UV/EB**
- **Christopher SEUBERT**, Technical Expert Coatings – **FORD MOTOR COMPANY**
  - **Ted CANTERBURY**, Research Scientist – **AKZO NOBEL**
- 12:15 **In what areas can we rapidly improve sustainability in all materials being used and reduce energy consumption ?**

*Panel discussions*

## Data Empowerment & Energy Efficiency

- 13:40 **Session Chairperson welcome note**
- 13:45 **EV battery plant decarbonization: Technologies enabling a carbon neutral future for the automotive industry**
- **Kevin SELF**, Senior Vice President of Strategy – **SCHNEIDER ELECTRIC** (tbc)
- 14:05 **Streamlining the management of Scope 3 carbon reduction commitments**
- **Saleh ELHATTAB**, CEO – **GRAVITY CLIMATE**
- 14:25 **Driving Sustainability in the Automotive ecosystem with Industry networks**
- **Raju MONCOMBU**, Sustainability lead – **SAP**
  - Speaker to be confirmed – **CATENA-X**
- 14:55 **Product Carbon Footprint s as a vehicle for decarbonization in the Automotive value chain**
- **Kevin RAMM** – Global Director of Sustainability – **MANUFACTURE 2030**
- 15:15 *Refreshment break & Networking*
- 15:40 **How can data help us reduce carbon? Outside of carbon credit system, which measures are really sustainable?**
- Panel discussions*
- 16:05 **Wrap-up sessions**
- 16:10 **Awards Ceremony** *in partnership with*







# PRACTICAL INFORMATION

## 2023 DATES

- Thursday – 19 October
- Friday – 20 October

## VENUE

### SAINT JOHN'S RESORT

44045 Five Mile Road  
Plymouth, Michigan 48170

## INDIVIDUAL REGISTRATION FEE

### Standard Rate

**US \$ 550**

*\* Each ticket includes the two-day conference, refreshment break, lunch, gala diner, awards ceremony. The registration fee does not include accomodation, travel expenses, parking fees or any other additional cost or service.*

## HOW TO REGISTER

- step 1: Go to CARES Website
- step 2: complete the online form to receive Registration Form by email
- step 3: Send the completed Registration Form to CARES team

## CONTACT US

### Bin WU – Event Director

Email: [bin.wu@infopro-digital.com](mailto:bin.wu@infopro-digital.com)