CARES' ORIGIN AND PURPOSE

The Global Imperative

Leading global carmakers are making significant investments in sustainability to meet carbon neutrality and decarbonization goals. In response to the growing challenges of sustainable automotive manufacturing, CARES was created as a collaborative initiative by major industry players and stakeholders.

The Vision Behind CARES

In 2022, industry leaders recognized the need for a unified platform to address pressing sustainability challenges. CARES was established to:

- Foster Greener Manufacturing Practices: Transition from traditional methods to sustainable production.
- Enhance Cross-Sector Collaboration: Connect mobility manufactures, suppliers, innovators, and policymakers to share strategies.
- Anticipate Regulatory Changes: Address evolving regulations and maintain industry compliance.
- Meet Consumer Expectations: Satisfy increasing demand for ethical and eco-friendly vehicle production.
- Lead the Industry Transition: Establish thought leadership in achieving a low-carbon future.

CARES ASIA 2025

Building on the success of our high-end technical conferences in Europe and the USA, by leveraging our extensive experience and industry partnerships, CARES Asia 2025 will address critical sustainability challenges unique to the region while leveraging global best practices and is set to lead the charge towards a greener, more efficient future in Mobility Manufacturing.

Call for Dynamic Speakers at CARES Asia 2025

Do you represent a company with a unique and impactful perspective that can resonate with Mobility professionals and sustainability advocates? We are on the lookout for dynamic speakers who are not only passionate about their topics but also bring inspiring real industry experience to the table, capable of captivating our discerning audience.

CARES 2025 is set to be a platform where we delve into the critical challenges and driving forces shaping our industry's future.

We invite speakers to propose presentations that align with our theme. While we welcome diverse topics, the following suggested areas will serve as focal points for our discussions:

A. Sustainable Materials

1. Raw Material Sourcing

- Low-Carbon Materials: Collaborate with suppliers to use low-carbon materials such as CO_2-reduced Steel, sustainable Aluminum, and recycled content in batteries.
- Sustainable Sourcing: Encourage suppliers to adopt sustainable practices and materials, reducing emissions associated with raw material production.

2. Carbon neutral Component Production

- Low-Carbon Component Manufacturing: Work with Tier 1 suppliers to implement low-carbon manufacturing processes for components such as Bumpers, Hoods, and Liftgates etc., Decrease emissions during battery production by making it carbon neutral.
- Recycled Content: Incorporate recycled materials to produce vehicle components where possible, such as in battery production and other critical parts. Encourage suppliers to design products and packaging with recyclability and reusability in mind, thereby reducing overall waste generation in the supply chain.

3. Body Shop and Paint Shop Materials

- Recycled and Eco-Friendly Materials: Use recycled or eco-friendly materials for replacement parts in the body shop.
- Water-Based and Low-VOC Paints: Use water-based or low-VOC paints as well as Overspray free painting in the paint shop to reduce emissions.

B. Energy Management and Efficiency

1. Carbon-Neutral Production

- Energy-Efficient Technologies: Implement energy-efficient technologies and practices in manufacturing facilities to reduce direct energy consumption.

- Renewable Energy Sources: Transition to renewable energy sources like solar, wind, biomass, or hydroelectric power to power manufacturing processes. Install renewable energy systems such as solar panels or wind turbines to generate electricity directly.

2. **Smart AI-driven Manufacturing Solutions**

3. **Paintshop Optimization**
   - Efficient Paint Shop Operations: Implement systems like the EcoQPower combined heating and cooling system to increase energy efficiency in paint shops. (Feedback from SURCAR events on the 5 - year innovations plans).
   - Electrification: transition to fully electrified Paintshops using green electricity.

C. Process Optimization and Innovation

1. **Manufacturing Process Optimization**
   - Efficient Manufacturing Processes: Optimize manufacturing processes to minimize waste and reduce the energy required for production. Use more efficient machinery and reduce downtime.
   - Innovative Technologies: Utilize advanced technologies such as giga stamping and hybrid material solutions to produce lighter, stronger, and more sustainable automotive components.

2. **Tier 1 Component Production Innovations**
   - Advanced Component Technologies: Encourage tier 1 suppliers to adopt innovative technologies that reduce energy consumption and emissions during component production.
   - Lightweight Materials: Promote the use of lightweight materials in component manufacturing to enhance vehicle efficiency.

3. **Body Shop and Paint Shop Innovations**
   - Eco-Friendly Repair Techniques: Adopt techniques like paintless dent repair (PDR) and spot repair in the body shop to minimize material consumption and waste.
   - Advanced Paint Technologies: Use technologies to reduce paint usage and minimize the need for masking and de-masking.

D. Water and Waste Management in Mobility Manufacturing

Promote technologies and innovations that support sustainable waste and water management. This could include advanced recycling technologies, water-efficient equipment, and digital tools for monitoring and optimizing resource use.

1. **Water Recycling and Reuse:** Implement water-saving technologies and best practices to reduce water consumption in manufacturing processes. Promote water recycling and reuse practices among suppliers. This includes treating and reusing water for non-potable purposes such as cooling systems, cleaning, and other industrial processes.

2. **Robust Waste Reduction Programs**: Implement robust waste reduction and recycling programs in both manufacturing facilities and tier 1 component production. Segregate and recycle materials like metal, plastic, glass, and cardboard. This reduces the need for raw material extraction and processing, lowering upstream Scope 3 emissions.

Before you submit, what you need to know about:

HOW ARE THE PAPERS SELECTED?

Papers are evaluated and assembled by a high-level International Committee composed of major Mobility Manufacturers and suppliers. Using the information in the form you will have filled in below, they will assess its industrial relevance and contribution to the industry. It is therefore crucial for your form to be filled in with key details in each section. Focus will be on tests results, figures, applicability, and benefits.

Preference will be given to detailed technical papers on:

- Joint presentations between the Mobility Manufacturers and Supplier
- First-hand presentation
- Real life industrial experience sharing
- Focus on Technical innovation.
- Follow-up from 2024 winning CARES US and EUROPE Congress presentations

The committee reminds you the presentations should be technical than purely Commercial presentations.

BENEFITS OF BEING CARES SPEAKERS

Being a speaker at the CARES Conference is an excellent way to gain visibility for your company solutions and business expertise. This allows you to share your knowledge and expertise with a wider audience, establishing yourself as a thought leader in your field. This can significantly enhance your credibility and reputation within the industry, opening doors to new opportunities and collaborations.

Speaking engagements also gives the presenting companies a platform to spread the word about company's products, services and reach a global audience of decision-makers and experts in automotive manufacturing companies (Mobility manufacturers, Component manufacturers, Suppliers, OEM final assembly suppliers, raw material suppliers, energy suppliers, battery producers, battery recycler, waste management, water, energy management experts, data management, etc.) from around the world.

By presenting a topic at CARES, you are eligible to receive a CARES Award! At the end of the two-day conference, the CARES committee will reward the best presentations in different categories.

- **The Award for Innovation**
- **The Award for Technical Solution**
- **The Jury's Award**
- **The Audience Choice Award**

ONLY 20 Presentations will have the opportunity to be shared at CARES. So please be aware that many high-quality proposals may regretfully have to be declined.

SESSION FORMAT

- Joint Presentation (between OEM and Suppliers) will have 25 minutes to present their contribution (preferred) and 5-min question & answer session with Session Chairpersons and audience.
- A single speaker will have 15 minutes to present, plus an additional 5-min Q&A.

SPEAKER REGISTRATION FEE: EUR 1495

Registration fee includes the two-day conference, break-out sessions, refreshment break, lunch, gala dinner, awards ceremony. The registration fee does not include travel expenses, parking fees or any other additional cost or service.

In submitting a paper, you agree to register and pay the presenter fees to CARES and make yourself available to present it at any slot that the committee chooses.

2025 SUBMISSION FORM

All fields are Compulsory.

Contact person in charge of the submission

Company Name: .....

Surname: .....

Name: .....

Job title: .....

Email: .....

Mobile number: .....

Company location (City, Country): .....

SPEAKERS 1 and SPEAKER 2 *(only for Joint presentations from different companies)*

Company Name: .....

Surname: .....

Name: .....

Job title: .....

Email: .....

Mobile number: .....

Has this paper already been presented at other professional events? ☐ YES, ☐ NO.

IF YES, PLEASE SPECIFY WHICH EVENT AND WHEN .....

If you are interested in submitting a paper, you must fill in the form below and return it by email, no later than the **10th of February 2025** to: bin.wu@infopro-digital.com

Submission Guidelines

To ensure your proposal aligns with the conference objectives and provides valuable insights, please structure your submission as follows:

- ***Presentation Title**: A clear and compelling title for your session.*
- ***Abstract** (Max 250 Words): A concise summary of your topic, its relevance, and key takeaways.*
- ***Speaker Information**: Name, title, organization, contact details, and a brief bio (100 words).*
- ***Relevance to Conference Tracks**: Specify the track your proposal fits within and why it's impactful.*

1. TOPIC OVERVIEW

PRESENATION TITLE:

(Provide a clear, concise, and compelling title for your presentation)

GENERAL CONTEXT:

(Describe the topic in detail, including its relevance to Sustainability in Mobility Manufacturing. Highlight the challenges, opportunities, or trends your presentation will address)

2. VISION AND INNOVATION

LONG-TERM VISION:

(Explain the broader impact and future potential of your topic. How does it contribute to advancing the industry?)

INNOVATION OR DIFFERENTIATION:

(Clarify what makes your approach, solution, or research unique. How does it stand out from existing practices or technologies?)

3. DEVELOPMENT JOURNEY

PROCESS IMPLEMENTATION:

(Detail the steps you took to achieve the current state of development. Include key milestones, dates, processes, and methodologies. Where applicable, attach diagrams, illustrations, or supporting visuals.)

4. RESULTS AND IMPACT

ACHIEVEMENTS/OUTCOMES:

(Summarize measurable results such as time savings, cost reductions, improved sustainability metrics, or other quantifiable achievements. Provide concrete figures and benchmarks where possible.)

Please ensure your proposal aligns with one or more of the conference tracks and submit your complete document by **February 10, 2025**, to [bin.wu@infopro-digital.com].