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Future in the making

4 TH EUROPEAN CONFERENCE

November 25 - 26, 2026 I Paris France

2026 CALL-FOR-SPEAKER

About CARES

Since 2022, CARES has been the premier global platform dedicated exclusively to **Sustainability in Mobility Manufacturing**. Each edition convenes leading carmakers, suppliers, and innovators to accelerate carbon-neutral transformation through real industrial collaboration — not theory.

Backed by its tri-regional ecosystem — CARES Americas, CARES Europe, and CARES Asia — the Paris -based forum acts as the European leadership hub for exchanging best practices, emerging technologies, and actionable strategies toward measurable decarbonization.

Why join the Speaker Lineup

Being selected as a CARES speaker means joining a community of industry leaders shaping the future of sustainable mobility manufacturing.

- **Exclusivity:** Only 25 presentations will be featured.
- **Influence:** Drive measurable changes across global production lines.
- **Recognition:** Present alongside OEMs, Tier 1 suppliers, and innovators. .
- **Networking:** Engage with decision-makers and sustainability champions.
- **Awards:** Eligible for CARES Awards — Innovation, Technique, Jury's Choice, and Audience Choice.

Selection Criteria

- **Relevance to CARES Themes:** Must align with at least one technical theme.
- **Innovation & Originality:** Present Innovative approaches with clear ROI, breakthrough technologies or first-hand industrial case studies
- **Practical Applicability & Case Study Value:** Quantified results, compliance proof, ROI evidence.
- **Collaborative Impact:** Joint OEM–Supplier presentations and cross-industry case studies are highly encouraged.
- **Transparency & Real-World Relevance:** Emphasize measurable results, full-scale industrial deployments, and honest discussion of limitations, trade-offs, and scalability.

Who Should Submit

- Automotive OEMs and Tier 1 suppliers
- Technology innovators in electrification, AI, automation, circularity
- Regulators and sustainability agencies
- Experts in green finance, industrial retrofits, and digitalization

Before You Submit

By submitting a proposal, you agree to:

- Register for the conference (Speaker rate € 1195 applies – 20% reduced Standard Rate).
- Present in person during any session assigned by the committee during the two-day session.
- Ensure your content is **technical and actionable**, not pure promotional.

How to Submit

- Complete the ***Speaker Submission Form*** (all fields mandatory).
- Send your completed form and abstract by **Wednesday, April 22nd, 2026**, to: bin.wu@infopro-digital.com

TECHNICAL THEMES & SPEAKER GUIDANCE

CARES Europe 2026 focuses on **verified, industrially deployed solutions** that reduce carbon, resource intensity, and environmental impact across **automotive manufacturing (Scope 1, 2, and upstream Scope 3)**. Submissions must demonstrate **measured results, operational trade-offs, and scalability**.

I. Decarbonizing manufacturing operations

Scope: All high-energy and carbon-intensive automotive manufacturing operations, including:

- Stamping, casting, machining, welding, joining
- Painting, curing, drying, surface treatment
- Battery module & pack manufacturing
- E-drive and powertrain assembly
- Internal logistics and final assembly

Speaker Guiding Questions

- How can the Automotive Industry address natural gas to reach carbon neutrality?
- How can legacy manufacturing plants accelerate full electrification to minimize fossil fuel use while maintaining reliability and cost efficiency?
- Which manufacturing processes have you electrified (thermal, HVAC, machining, joining, curing), and what quantified CO_2 and energy savings were achieved?
- Which processes have you electrified (thermal, HVAC, machining, joining, curing) and what quantifiable CO_2/kWh savings were achieved? how do you measure success, which KPI´s are the most relevant and why
- How have you implemented waste-heat recovery, high-temperature heat pumps, thermal batteries, or flexible load scheduling across your factories?
- How do you balance energy efficiency with cycle time, throughput, and quality in high-volume automotive production?
- What operational levers (shift model changes, automation, real-time energy balancing) delivered the strongest verified impact?

II. Low CO2 materials and circularity for Mobility Production

Scope: Material flows across the full vehicle manufacturing lifecycle:

- Batteries materials and critical raw materials
- Coatings, chemicals, fluids, lubricants (industrial lubricant ‘Rerefined», recycled polymers)
- Packaging, tooling, scrap management
- End-of-life recovery and Closed-loop recycling systems
- **Design for circularity:** Components, assemblies, and battery packs designed for disassembly
- **Resource efficiency KPIs:** recycled content, recovery rate, scrap reduction, CO_2 avoided per material stream

Speaker Guiding Questions

- How much CO2 can novel manufacturing process really save?
- How to achieve materials that provide the highest CO2 reduction?
- Which Chemicals, Plastics, Metals, should be addressed first?
- How to push the upstream supply chain?
- What quantifiable circular-performance metrics have you achieved (recovery rate, recycled content, scrap reduction, CO_2 avoided)?
- How did OEM–Tier collaborations enable closed-loop recovery of metals, plastics, or battery materials?
- Which industrial recycling technologies have you validated at scale, and what lessons emerged?
- How has design-for-disassembly changed your production processes and total material yield?
- How have you implemented digital passports and what data architecture supports them?

III. AI, Automation & Data Systems for Sustainability

Scope: Digital systems enabling **real-time, plant-level sustainability optimization**, including:

- **AI-driven optimization:** AI/ML systems for energy prediction, carbon optimization, scrap reduction, and defect prevention
- Digital twins of manufacturing systems - CO_2 and energy performance simulation at line or plant level
- **Real-time environmental KPI verification**
- **Data infrastructure & cybersecurity** - Secure, multi-plant, multi-country data frameworks
- **Digital readiness :** Sensorization and data quality as prerequisites for sustainability gains
- **Data infrastructure & cybersecurity**
- Real-time energy & emissions tracking in all manufacturing operations.

Speaker Guiding Questions

- How can we standardize sustainability performance measurement and create a level playing field?
- Which AI or digital-twin tools have delivered measurable reductions in scrap, energy, downtime, or waste?
- What ROI and payback have you validated through AI-based optimization of manufacturing operations?
- How do you verify real-time carbon performance across multiple plants or regions?
- What gaps existed in data, sensors, or MES systems, and how did you solve them?
- How do you ensure cybersecurity while enabling cross-plant data integration for sustainability?

IV. Plant Modernization & Low carbon Mobility Novel Manufacturing

Scope: Whole-factory transformation across:

- Legacy plants modernization
- New EV and battery plants
- Powertrain transitions
- Brownfield modernization programs
- Modular manufacturing - Modular and phased retrofits
- Mult-plant scaling strategies
- Regulatory drivers
- Funding pathways.

Speaker Guiding Questions

- How much CO2 can these novel manufacturing processes really save?
- Which modernization projects (thermal, energy, digital, process) delivered verified CO_2 or energy reductions?
- How did regulatory pressure (ETS, BREF, VOC rules) shape your investment roadmap?
- How were your retrofit projects financed, and which incentive schemes worked best?
- What ROI, payback, and risk-mitigation outcomes did you validate?
- What bottlenecks emerged when scaling modernization across multiple sites or countries?

SPEAKER SUBMISSION FORM

(all fields mandatory)

A. Contact & Speaker Information:

Primary Contact

Mr ☐ *or* Mrs ☐

Full Name

Job Title / Role

Number of years of experience

Company / Institution

Division / Department (if applicable)

Corporate Email

Phone (direct line or mobile)

Country

Proposed Speaker(s) *(The individual(s) who will present if selected)*

SPEAKER 1

Company Name

Mr ☐ *or* Mrs ☐

Full Name

Job Title

Number of years of experience

Mobile Phone

Corporate Email

Country

SPEAKER 2 *(only for joint presentations from two different organizations)*

Company Name

Mr ☐ *or* Mrs ☐

Full Name

Job Title

Number of years of experience

Mobile Phone

Corporate Email

Country

B. Proposed Technical Session

Select the theme(s) most relevant to your topic. The Committee will guide final placement to ensure maximum impact.

- ☐ Decarbonizing Manufacturing Operations
- ☐ Low CO2 materials and circularity for Mobility Production
- ☐ AI, Automation & Data Systems for Sustainability
- ☐ Plant Modernization & Low carbon Mobility Novel Manufacturing

C. Has this work been presented before?

- ☐ No, it is first disclosure at CARES
- ☐ Yes, previously presented at:

(Please specify event name, year, and audience profile.)

TECHNICAL PROPOSALT

(all fields mandatory)

Send your completed form and abstract by Wednesday, April 22nd, 2026

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Presentation Topic

Abstract

(In no more than 300 words, describe the essence of your paper. Highlight the challenge, your approach, and why it matters now.)

What Makes It Original or Differentiating?

(Explain how your work breaks new ground compared with established solutions. Why should industry leaders hear it on the CARES stage?)

Proven Achievements & Results

(Provide measurable outcomes: CO_2 reduction, energy savings, cost efficiency, circularity, digitalization, modernization, or key impact areas...)