

LIVESTREAM HOUR

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**PACKING THE POWER IN
BATTERY SYSTEM PRODUCTION**



Tony Persson
Head of Battery Production
Scania Group



Benoit Lemaignan
CEO & Cofounder
Verkor



Stephan Höfer
Head of E-Mobility
Henkel



Dr. Stefan Schlag Leon Beraud
Executive Director, Inorganic Chemicals,
Minerals, Mining Chemicals
S&P Global



Claude Chanson
General Manager
Recharge

EV battery ramp-up: high-powered ambitions, highly charged reality

- Huge investment in Europe, China and North America to scale battery cell and system production – gigafactory, pack and module assembly localisation
- Gigafactory capacity pipeline for more than 4,000 GWh by 2030 (Automotive from Ultima Media). Who's for real, who are the pretenders?
- Price and supply volatility in upstream materials (nickel, lithium, cobalt), exacerbated by Russia-Ukraine war and supply chain crises
- Sustainable regulations? EU to set targets for localisation of cell and upstream supply chain, recycling and circular economy. What's realistic?
- Battery ramp up planned on timescales much more compressed than typical automotive development cycles. How can manufacturing adapt?

Innovation, digitalisation and partnership in battery cell & pack production

- Joint ventures and alliances forming across the battery value chain between traditional automotive players, tier-1s, battery producers, mining and material suppliers
- Automation and digitalisation focus across cell production and pack assembly
- Software-defined batteries and BMS require new production and data processes, i.e., in-line testing and communication between battery and vehicle in production
- Material and adhesive innovation for thermal management and battery housings
- Next generation cell and pack design can optimise production

Agenda for today's show

- **Panel discussion on upstream value chain and gigafactory ramp up**
- **Interview with Tony Persson, head of battery production, Scania**
- **Panel discussion on battery module and pack production**
- **Future of battery production**

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Volvo's mega changemaker

Javier Varela discusses Volvo Cars' investment in new technologies, EV platforms and sustainability



Volvo:
Javier Varela



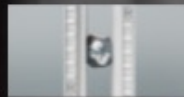
Volvo:
Megacasting for EVs



Ineos:
Production at Hambach



Magna:
Electric pickup trucks



Materials:
Aluminium casting



Audi:
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Machine learning



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Ignacio Martín,
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R&D General Director,
Gestamp



Gregorz (Greg) Ombach,
Executive Vice President,
Head of Battery Systems
& Head of Strategy
and Innovation,
Dräxlmaier Group



Jerome Favero,
Head of Automotive
Steel Solutions –
Global R&D,
ArcelorMittal



Joe McCabe,
CEO of AutoForecast
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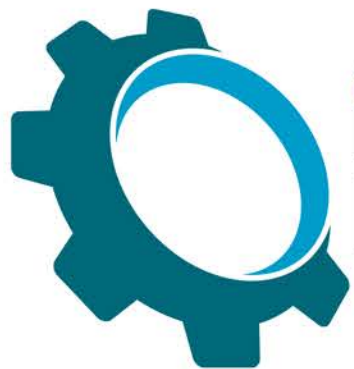
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Tony Persson, Scania



Christopher Ludwig, AMS



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The Way to Production of the Future



Event language: German

- 1 Our confirmed speakers include leading automotive manufacturers and suppliers such as.



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**MAKING IT MODULAR:
PRODUCTION'S FLEXIBLE FUTURE**

WEDNESDAY APRIL 27, 2022

9.30 EST / 14.30 BST / 15.30 CEST

REGISTER NOW

The logo for 'ams Automotive Evolution Livestream' is centered on a dark background. The word 'ams' is in a white, lowercase, sans-serif font at the top. Below it, 'AUTOMOTIVE' is written in a smaller, white, uppercase, sans-serif font. The word 'Evolution' is the largest element, with 'E' in white and 'volution' in orange. At the bottom, 'LIVESTREAM' is written in a white, uppercase, sans-serif font. The background features abstract, glowing lines in shades of orange and teal, creating a sense of motion and technology.

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Online panels, events, fireside chats and roundtables on the topics that matter most to automotive manufacturing experts

<https://www.automotivemanufacturingsolutions.com/spotlight/live-lounge>

Get in touch if interested in participating

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Ahmo Saric: ahmo.saric@ultimamedia.com

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