

Sustainable composites breakthrough: Bcomp showcases mobility, motorsport, and more at JEC World 2024

- Bcomp exhibits host of new applications across exciting sectors at JEC World 2024
- Company has seen expansive growth in production automotive for European OEMs
- All-new Polestar 5 & Polestar 3 prototype seatbacks, both featuring Bcomp materials
- Christian Fischer, CEO, to join natural fibres panel discussion Tuesday 5th March
- Numerous components made from flax fibre composite technologies on show at Bcomp's booth in Hall 5, A63, and JEC Mobility Innovation Planet

Fribourg, Switzerland... Swiss sustainable lightweighting company Bcomp returns to JEC World off the back of immense success in production automotive, global motorsport, and sports equipment. This year, Bcomp will bring several parts from its ongoing collaboration with Polestar, as well as motorsport components and high-performance sports equipment. JEC World 2024 will take place from 5-7 March 2024 at the Paris-Nord Villepinte Exhibition Centre, France. Bcomp will be located in the Natural Fibre village in Hall 5, stand A63.

With sustainability an increasing area of focus across numerous industries, the company's flax fibre-based composite technologies, ampliTex™ and powerRibs™, are seeing broader and production-scale appeal. This year, Bcomp's successful push into production automotive applications will be on show with new Polestar seatbacks made using Bcomp technologies. The prototype seatbacks for the Polestar 5 will be at the booth, while the version for Polestar 3 will be part of the JEC Mobility Innovation Planet. The stand will also feature an innovative bus A/C cover developed by Eberspächer, highlighting the diverse applications possible within the wider mobility sector.

In addition to its road-going parts, Bcomp will also be showcasing a selection of motorsport components from some of the world's fastest racecars. This includes an award-winning engine cover for Japanese Super Formula – a highlight of JEC World 2023 – as well as BMW M4 GT4 pre-production diffusers, a motorsport seatback developed in conjunction with Sabelt, and the JEC Innovation Award-winning KTM brake cover.

Bcomp has made great strides in the high-performance sports equipment industry, including volume production applications. Its technology has proven popular due to its stiffness, vibration damping, and 'feel' while in use. This year's stand will feature kitesurfing gear developed with Duotone (kiteboard) and AK Durable Supply Co. (harness), K2's latest Mindbender C skis, Movements skis, a CAPiTA snowboard,

a Decathlon Sandever beach tennis racket, and the Adidas RX GREENPADEL – all benefitting from the unique properties of Bcomp's flax fibre technologies.

As part of JEC World 2024, Bcomp's CEO and co-founder, Christian Fischer, will be contributing to a speaker panel on *"Unleashing the Power of Nature: Exploring Natural Fibers and Bio-Sourced Materials in the Composites Industry"*. The 60-minute panel will take place on Tuesday 5th March from 12:00-13:00 in Hall 5 (Agora 5).

Harnessing the properties of flax fibres, Bcomp's sustainable composites can be used to produce parts with similar stiffness and weight to carbon fibre while cutting CO₂ emissions by up to 85%, depending on the application. The technologies also offer significantly better vibration damping and ductile failure modes, all while offering more sustainable end-of-life solutions.

Christian Fischer, CEO and Co-Founder at Bcomp, commented: *"The past year has been momentous for Bcomp and we are thrilled to share our achievements at JEC World 2024. Successfully entering the large-scale automotive market is not just a significant accomplishment for Bcomp, but also for the wider composites industry. We are thrilled to showcase the all-new Polestar seatbacks at JEC – a symbol of our extensive collaboration with a leading electric performance car brand and the viability of sustainable composites in today's cars."*

"This year, we continue the tradition of exhibiting components from diverse markets, including motorsport, wider mobility, and performance sports equipment. These are all sectors that find meaningful benefit in harnessing our flax fibre-based composite technologies to deliver performance benefits, aesthetic, sustainability, and lifecycle."

JEC World is a leading industry event for the composites sector, attracting more than 40,000 professionals from across the globe. Uniting major companies, startups, and experts, it covers the entire value chain, providing inspiration across sectors like aerospace, marine, construction, and automotive. With more than 1,200 exhibitors and 26 pavilions, the event facilitates over 7,100 business meetings, fostering connections within the industry.

For more information about JEC World 2024, please visit: <https://www.jec-world.events/>

For more information about Bcomp and its technologies, please visit <https://www.bcomp.ch/JEC24>

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