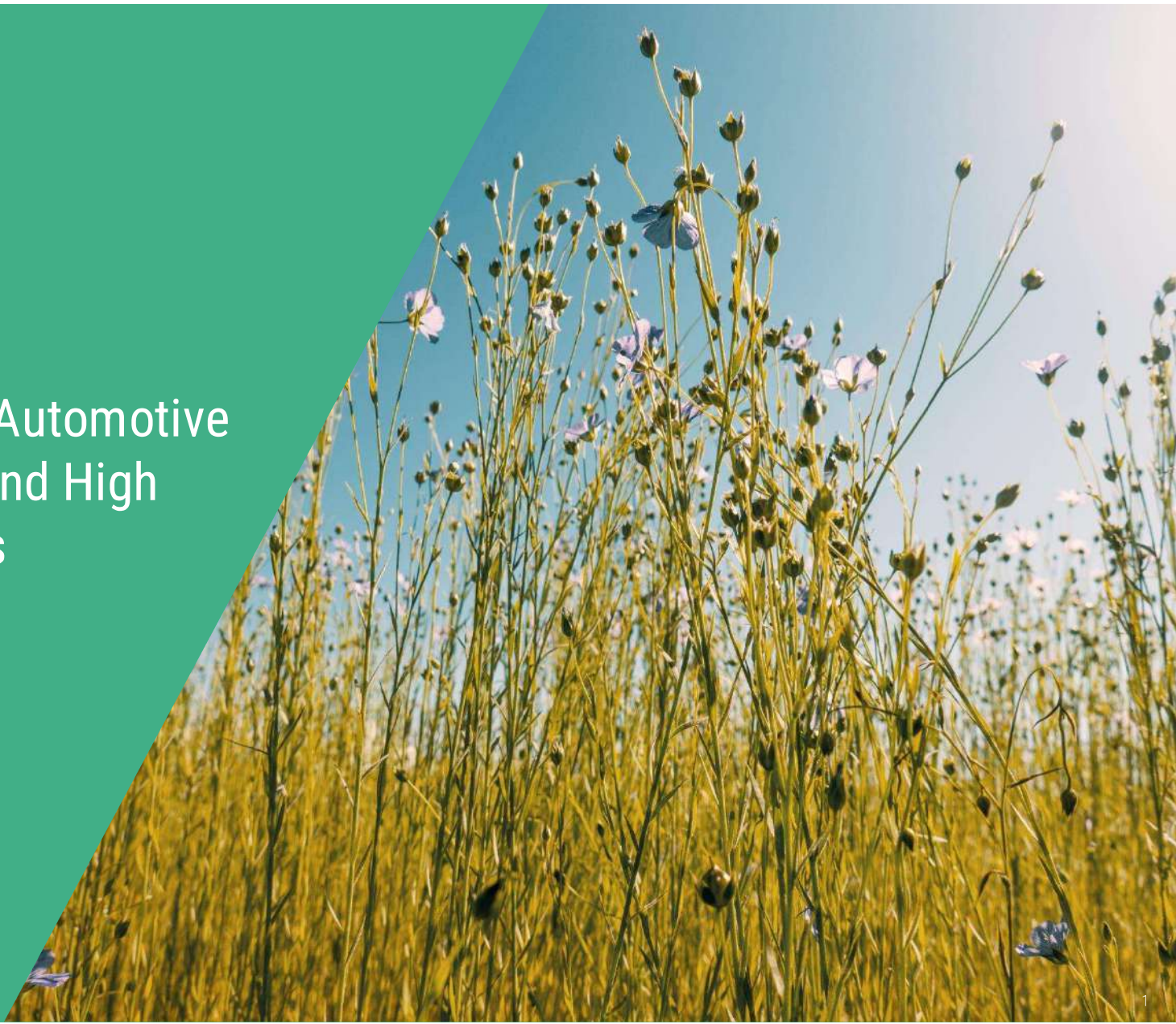




# Setting New Standards for Automotive Interiors with Sustainable and High Performance Natural Fibres

GABRIELE GREZZANA

DVN Workshop, Torino, 15.01.2026



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1. **About Bcomp**
2. Our sustainable solutions for automotive interior
3. Our win cases





We decarbonise the world through high-performance bio-based materials



## About us

- ▶ Founded in 2011
- ▶ Supplier of sustainable, high-performance composite materials and solutions
- ▶ Headquarters in **Fribourg** (Switzerland) & Office in **Shanghai** (China) | Represented in **Los Angeles** (United States), and in **Seoul** (South Korea)
  
- ▶ +80 employees, 30+ in R&D
- ▶ More than 15 programs with OEMs and Tier1s for interior and exterior applications

## Certifications & patents

Bcomp's clear intellectual property strategy has so far resulted in 10 patents, high-value trademarks and significant trade secrets – cementing our position as a global leader in high-performance, lightweight natural fibre reinforcement materials.



ISO 9001:2015 CERTIFICATION  
for quality management systems



ISO 14001 CERTIFICATION  
for environmental management system



IATF 16949 CERTIFICATION



SOLAR IMPULSE EFFICIENT  
SOLUTION



B CORP CERTIFICATION

We act with **sustainability in mind, in our operations as well as in our supply chain and customer support**. Bcomp's certifications are in line with its strong commitment towards sustainability.

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OUR OFFER FOR AUTOMOTIVE INTERIOR

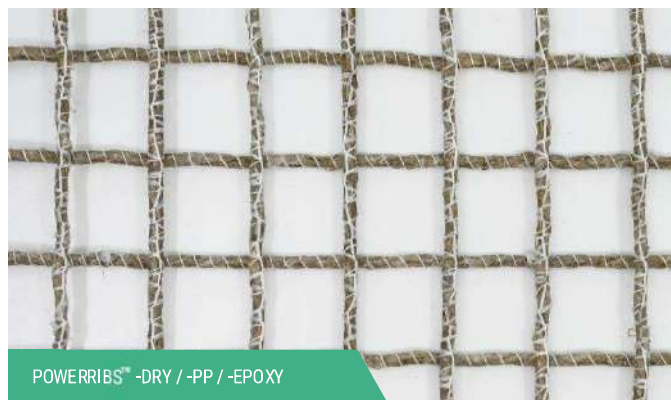
# Lightweight, high-performance sustainable material solutions



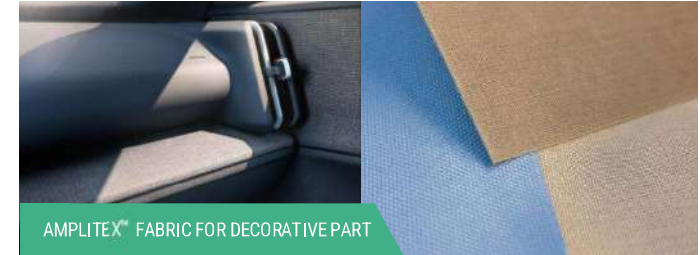
From flax fields



AMPLITEX™ -DRY / -PP / -PU-PA / -EPOXY



POWERRIBS™ -DRY / -PP / -EPOXY



AMPLITEX™ FABRIC FOR DECORATIVE PART

### vs. conventional A-surface in back injection moulding

- ▶ Cost reduction vs standard real material
- ▶ CO<sub>2</sub> reduction (as no coating) with the -PP version



NFPP AND POWERRIBS™ FOR WEIGHT SAVING VS PLASTIC

### vs. PP or ABS/PC in compression moulding

- ▶ Equivalent stiffness
- ▶ Up to 50% weight reduction / Up to 60% CO<sub>2</sub> savings

to Bcomp's reinforcement fabrics

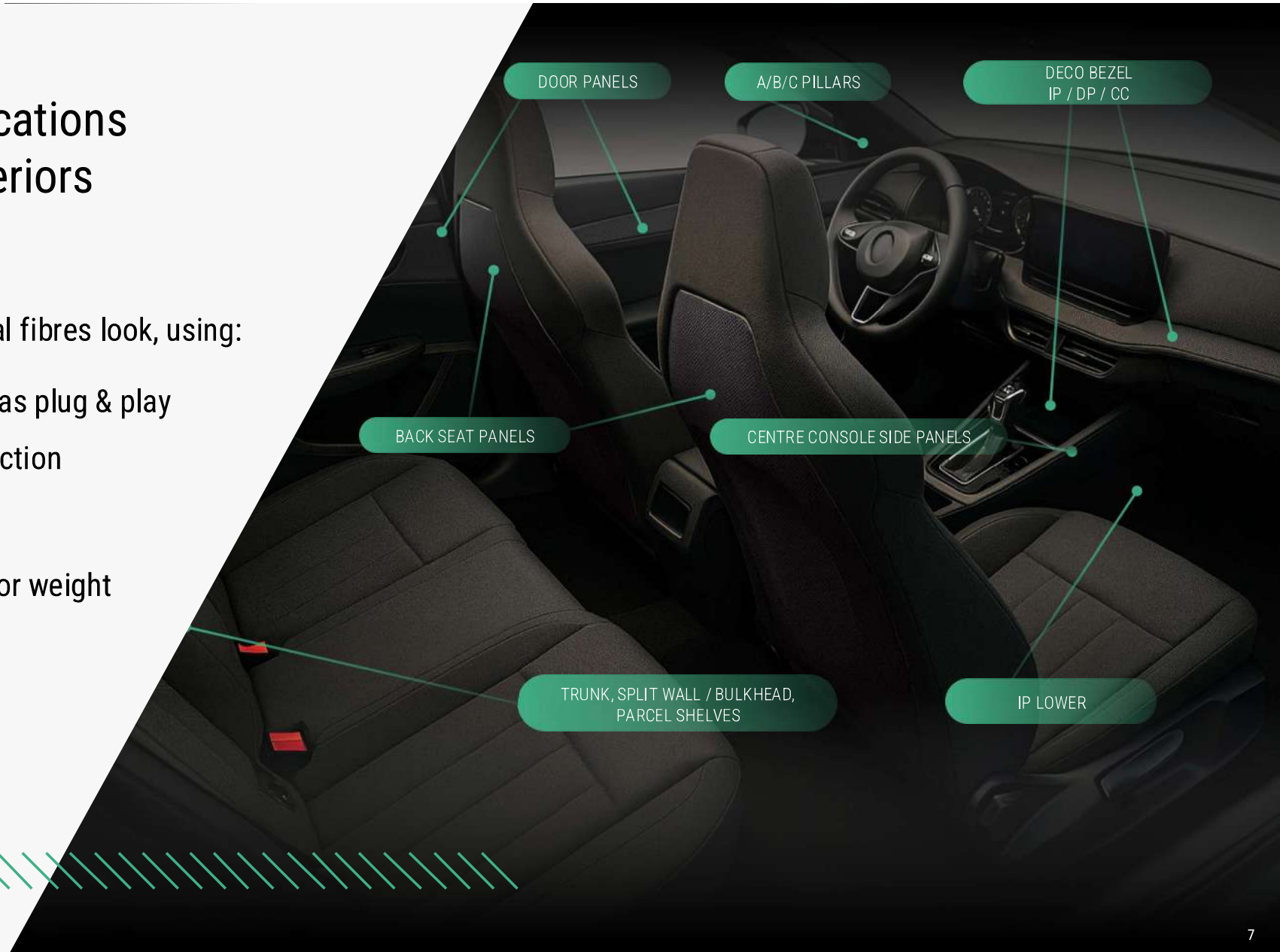
to natural fibre parts

LARGE-SCALE AUTOMOTIVE

## Natural fibre applications for automotive interiors

Decorative parts with natural fibres look, using:

- ▶ **back injection moulding** as plug & play process already in production
- or -
- ▶ **compression moulding** for weight saving potential



# Large scale automotive interior with natural fibre look

**NEW**

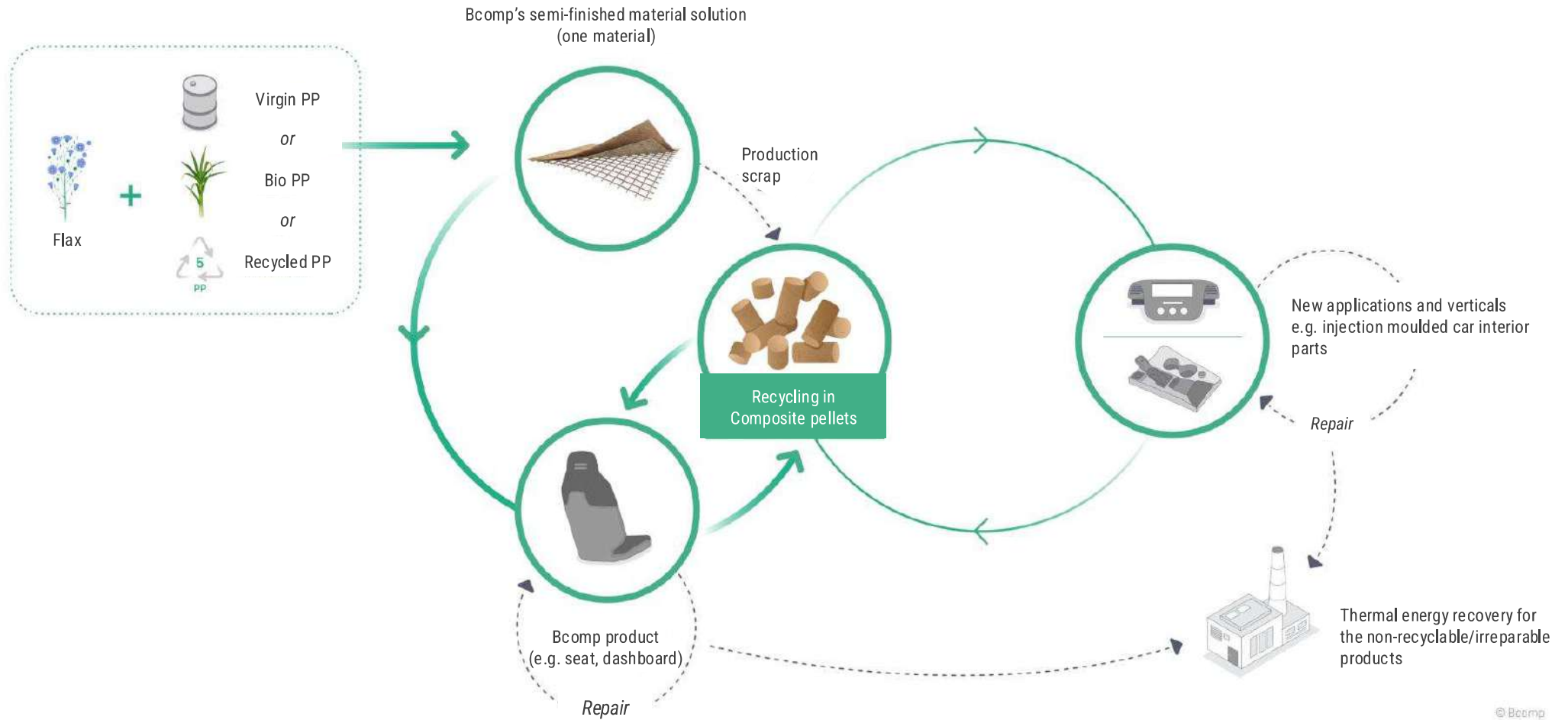
**ampliTex™ is now compatible with the back injection moulding !**

Cut weight, plastic and CO<sub>2</sub> emissions with ampliTex™ and a natural fibre look

- ▶ No need of coating for UV / scratch / ... thanks to our -PP
- ▶ Cost reduction vs standard real material
  - CO<sub>2</sub> reduction (as no coating) vs standard material
  - Better recyclability (as no coating) vs standard material
- ▶ Back injection process is a plug & play technology
- ▶ 1 tool for various finishings
- ▶ EU-sourced flax fibres

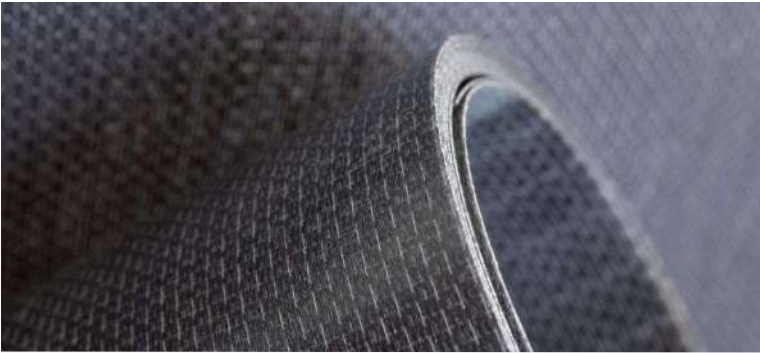


# Circular opportunities with Bcomp's natural fibre solutions



PREMIUM CUSTOMISATION

## Exclusive customised design possibilities



ampliTex™ thermoplastic solutions can meet specific aesthetic requirements for premium and unique decorative panels.

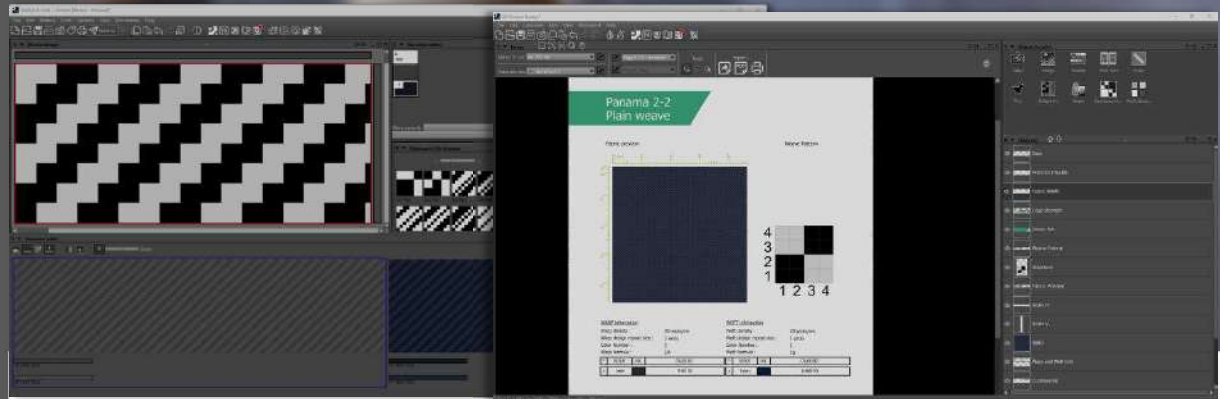


UNLOCKING TAILOR-MADE AESTHETICS

# From virtual visualisation to real world integration

## Software for rendering of textures, patterns and colours

- ▶ **Hyper realistic fabric rendering** to visualise materials with precise texture, colour and light interaction before physical prototyping
- ▶ Rapid design iteration based on your moodboard with **different weave patterns, colours and finishes** ensuring it aligns across different interior and exterior components
- ▶ Seamless integration with **CMF workflows** e.g. for **direct use in automotive visualisation tools**
- ▶ **Reduced development time and waste** by refining high-performance fabrics requirements and aesthetics before physical sampling
- ▶ **Technical feasibility**



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## LARGE-SCALE AUTOMOTIVE INTERIOR

# Bcomp enters serial automotive production in new Volvo EX30

- ▶ The small SUV focuses on sustainability and is designed to have **the lowest carbon footprint of any model in Volvo Cars' history\***
- ▶ Bcomp's ampliTex™ natural fibre composites is being used in EX30 **dashboard**, and **door trim**
- ▶ ampliTex™ combines a low environmental impact from renewable natural fibres with high performance and **unique design opportunities**

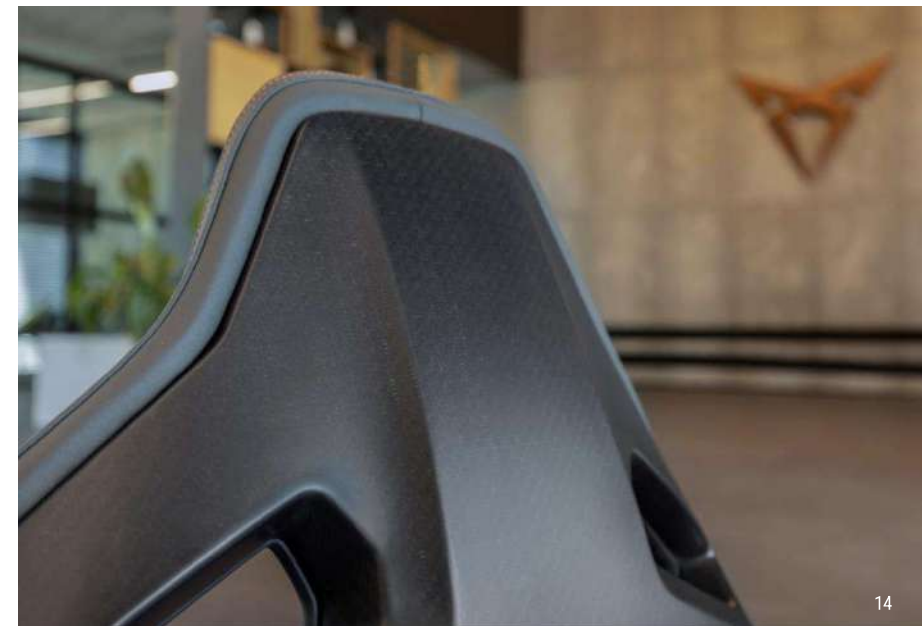
\* The lowest carbon footprint of any Volvo car to date statement relates to globally available products over 200,000 kms of driving.



LARGE-SCALE AUTOMOTIVE INTERIOR

## CUPRA Born VZ driving sustainability with Bcomp's natural fibre materials

- ▶ The fully electric vehicle sport EV to incorporate sustainable, **flax-based composites to decarbonise manufacturing**
- ▶ All top range **CUPRA Born VZ to have full natural fibre front seats** with Bcomp's high-performance ampliTex™
- ▶ Bcomp's natural fibre materials enable a **reduction of 49% of CO<sub>2</sub> emissions in seats' production** compared to previous version



## LARGE-SCALE AUTOMOTIVE INTERIOR

# Bcomp and Cupra collaborate to bring sustainable materials to Tindaya showcar

- ▶ Builds on a **three-year partnership** starting with the CUPRA Born VZ now in production
- ▶ CUPRA Tindaya Showcar features Bcomp's ampliTex™ flax fibre in its **bucket seats** and **bumper** with a custom copper finish
- ▶ ampliTex™ Twill 2/2 **cuts CO<sub>2</sub> by up to 85%** compared to carbon fibre
- ▶ Showcases **sustainable design without compromise** on performance or aesthetics



## LARGE-SCALE AUTOMOTIVE INTERIOR

# Polestar launches PS5 in Q3-2025 with significant Bcomp content

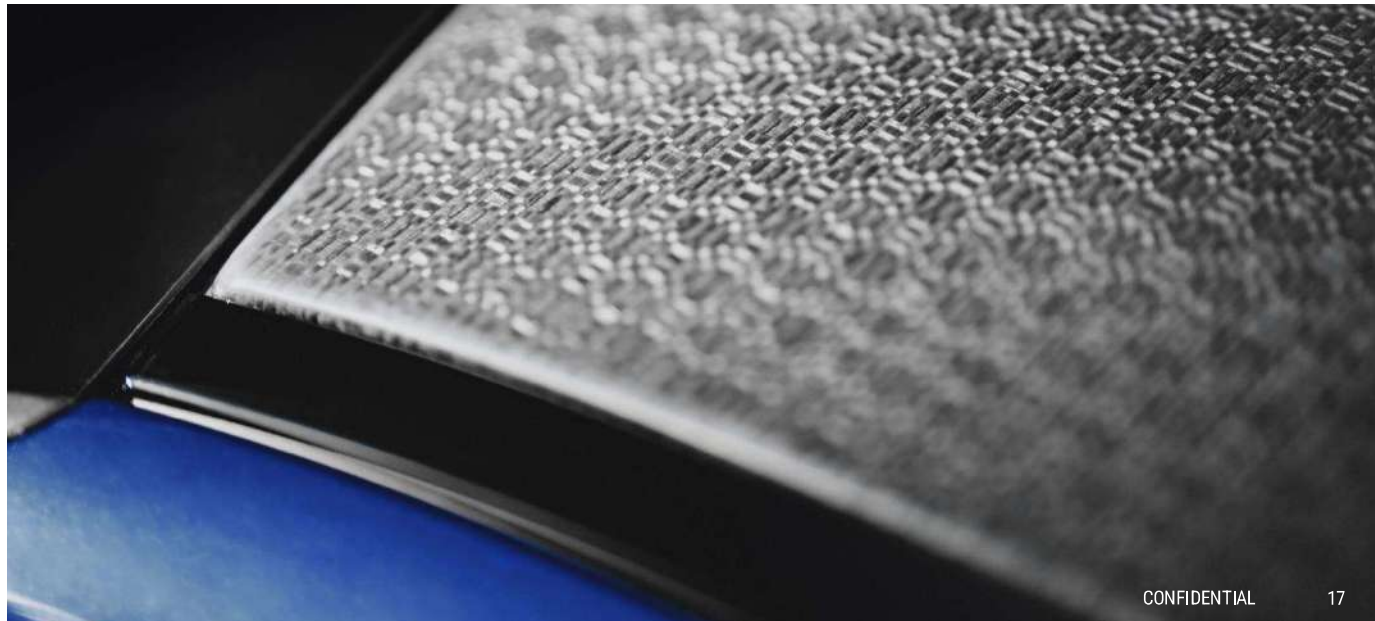
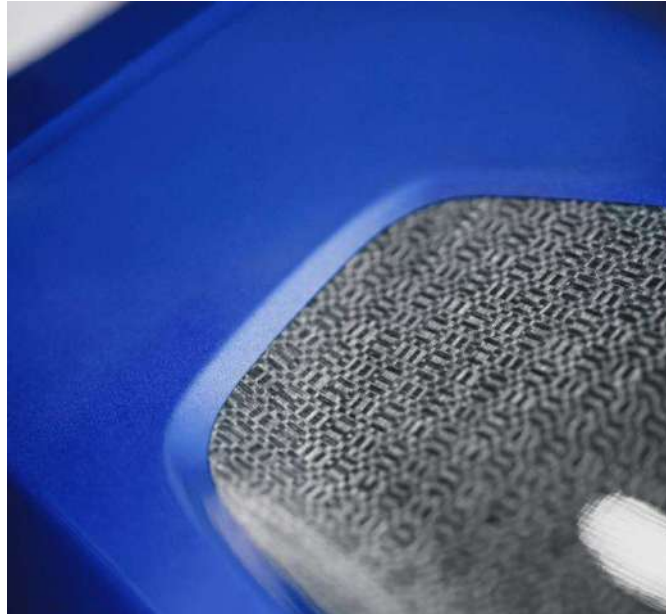
- ▶ Polestar and Bcomp share a common vision of **redefining luxury in automotive interiors** through the innovative use of sustainable materials powerRibs™, NFPP and ampliTex™
- ▶ Plastic content is **reduced by up to 50%**
- ▶ Total weight of the component is **reduced by up to 40%** compared to traditional materials and techniques



## LARGE-SCALE AUTOMOTIVE EXTERIOR

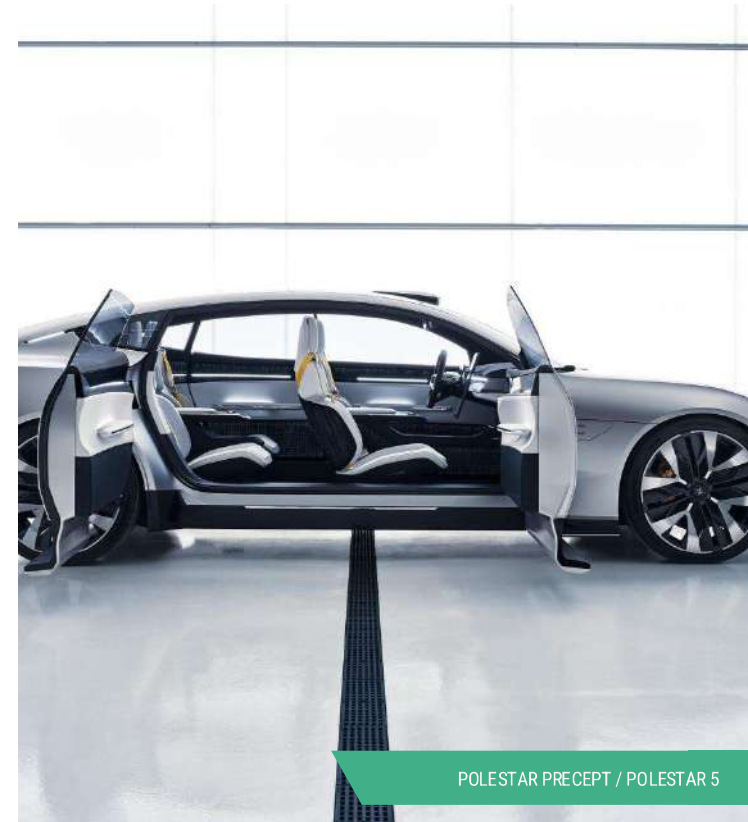
# Bcomp and BMW Group Will Bring Visual Natural Fibre Composites to Exterior Parts of Production Road Cars

- ▶ Bcomp and BMW Group have **successfully validated and industrialised natural fibres for exterior parts**, one of the composites industry's biggest engineering challenges
- ▶ A race to road success: Building on years of close collaboration and findings gained on the racetrack and in pre-development, Bcomp's technologies are now finding their way into **series production models**
- ▶ Bcomp and BMW have created a **bespoke high-performance fabric to replace** parts traditionally made by **carbon fibre**



CONCEPT VEHICLES - AUTOMOTIVE INTERIOR

Cut weight, plastic and CO<sub>2</sub> emissions with ampliTex™ and powerRibs™





Thanks a lot for your attention!

Any questions or requests?

Happy to read our latest news?  
Stay in touch!

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