

# JEC COMPOSITES INNOVATION PLANETS

Showcasing composite innovations



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The Innovation Planet is a showcase area in the heart of JEC Asia compiling innovative parts and final products using composites in various industries. Visitors can explore innovative solutions proposed by the composite industry for their specific needs.

Parts and finished products from the following companies will be presented in this year's Innovation Planet



**Any further questions regarding the Innovation Planet?**

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- 3D printed demo tool of a **trim fixture** used in aerospace applications (Ascent Aerospace)
- The Motor Trends car of the year: **Hyundai Genesis G70** using CFRP for its high-end design (Hyundai Motors)
- The first **3D printed carbon fibre unibody composite bicycle** frame (Arevo)
- **FliteBoard** - The fastest electric foiling composite surfboard (Cobra)
- **Front bumper from the Electric GT racing adapted Tesla** using PowerRibs™ and ampliTex™ reinforcements (Bcomp)
- **BMW i3 Roof Bow** in skeleton construction saving up to 70% cost (Mai Carbon)
- CFRP **spare-wheel with integrated wireless sensor** systems (Daimler)
- **MILVUS drone** solving the problem of unstable take-off and land (Droneit)
- **Lightweight Engine Brackets** using Hybrid Processing of UD Carbon Fiber Thermoplastic (Hanyang University)
- **Pressure Vessel and Battery Pack** towards clean mobility solutions (Wells Advanced Materials)
- **Racing car** student project sponsored by Hankuk Carbon participated at the Formula SAE in Michigan (Kookmin University)
- Crashworthiness and fire-resistant fibre-reinforced **Battery Box** (HRC)
- **Composite Sandwich Panel** to demonstrate how Fiber Patch Placement handles multi-material lay-up (Cevotec)
- Arrow speed, accuracy and stability ensured with **Archery** designed and presented by Win&Win
- Ultralight **Indy Race Car Rear Wing** (Innegra Technologies)

And more from OCSiAI, Hyundai Fiber, University of New South Wales) ...

