

PRESS RELEASE

Paris, April 11th, 2023

The best of composites innovation is at the JEC Composites Innovation Planets

Composites are used in an incredibly diverse range of applications due to their unique properties and possibilities. The JEC Composites Innovation Planets present parts from different companies and R&D centres in two showcase areas.

At JEC World 2023, there will be two Innovation Planets:

- Mobility Planet: including Automotive, Land Transportation (railway, trucks, buses...), Aerospace, UAVs and New mobility solutions
- Industry Planet: including Building & Construction, Sports & Lifestyle, Energy (oil & gas, wind energy...), and Marine

INDUSTRY PLANET – H5F97

The Industry Planet offers a strong focus on Building, Sports & Leisure. It also covers major areas including Civil Engineering, bridges, Equipment & Machinery, Renewable Energy, Maritime Transportation & Shipbuilding.

Company Name	Name of the part
ADVANCED COMPOSITES SOLUTIONS SRL	Vehicle tunnel
Axiles Bionics and Solico Engineering	Lunaris ankle-foot prosthesis
Bcomp Ltd	ecoFoiler recyclable foiling dinghy with ampliTex™ and Elium® resin hull produced in a 3D-printed mould
Bcomp Ltd	K2 freetouring skis made with an ampliTex™ flax fibre reinforcement
BK COMPONENTS S.A.	Lightweight Boom Part for Agricultural Sprayers
CARBO-LINK	CFRP cable-net glass facade
CHOMARAT / GROUPE BENETEAU	Sailboat Boot Lid
COBRA INTERNATIONAL CO.,LTD.	Ankle-Foot Orthosis
COBRA INTERNATIONAL CO.,LTD.	Surf ski
COBRATEX	New-Generation Cobractive fins
COMPO TECH PLUS	Integrated Loop Technology (ILT) bicycle frame
COMPPAIR TECHNOLOGIES LTD.	Healable ski pole
CORPOWER OCEAN	C5 - Wave Energy Converter Composite Hull
DEMGY	Traxium Compressor by KIPSTA
EPSILON COMPOSITE	HVCRC® composite core conductor for overhead high voltage lines
G12 INNOVATION	Composite Fire Wall for different fire resistance requirements
INSTITUTE FOR TEXTILE AND FIBER TECHNOLOGIES (ITFT)	Adaptive FRP elements for façade shading
IPF Dresden / FILACON Systems	Knee Orthosis
ISOTRUSS	IsoTruss Carbon Fiber Tower
k2i	zUFO Ski Boots
Leibniz-Institute für Polymerforschung Dresden e. V.	CFRP C-frame made by TFP: a demonstration game
LUMA	Green fairing for spraying machine (agribusiness)

NANOTURES	COMPOSITE BEAMS
PITAKA	Modular Suitcase made from rCFRP
RANGER COMPOSITI S.R.L	Hedera.design
SAERTEX GMBH & CO KG	STIDO Flax bucket seat
SAERTEX GMBH & CO KG	Recyclable Flax Boat
SICOMIN	GREENBOATS FLAX27 Daysailer with Sicomin GreenPoxy Resins
SOLARGE	Lightweight composite solar panel
SOMOCAP	SOF Radlink System
SWANCOR HOLDING CO., LTD	Recyclable Thermoset CFRP Composite Bike
TECNALIA	Foamed Solar Generation/Storage Panel
TOYOTA INDUSTRIES CORPORATION	rCFRP heald frame

MOBILITY PLANET – H6G85

The Mobility Planet reflects the dynamic changes in the future of mobility and the enormous opportunities it bears for **tomorrow's mobility ecosystems, including road transportation and aerospace.**

Company Name	Name of the part
9T LABS AG	Aerospace overhead bin pin bracket
9T LABS AG	Motorbike rear suspension rocker arm
AERO CONSULTANTS AG	Passenger Aircraft Door Hinge
AIMEN Technology Centre	Carbody Sidewall Multimaterial Composite Sandwich
AIMPLAS	Thermoplastic composite window frame
AIRBUS ATLANTIC	Composite Radome made with innovative pick-and-place technology
ALBANY ENGINEERED COMPOSITES	3D Woven VTP Fitting
AMRC - University of Sheffield	MASTRO Self-Cure Leading Edge
BOSSARD	Automated fastening solution for lightweight panels
CETIM	Innovative thermoplastic composite Krueger Flap
COBRA INTERNATIONAL CO.,LTD.	VETAL DRONE
DR. ING. H.C. F. PORSCHE AG	World's first carbon roll cage for production cars
EURECAT	COMPOSITRONIC
FHNW University of Applied Science and Arts Northwestern Switzerland	Circular welding process for thermoset composites
FORVIA Faurecia	Hydrogen XL Compressed Gas Tank
Fraunhofer ICT	Hybrid seating structure
GKN AEROSPACE	Area-Ruled Thermoplastic Composite Fuselage Panel
GKN AEROSPACE	Wing of Tomorrow FSD Spar
HELICOID INDUSTRIES	Bioinspired Helicoid™ EV battery enclosures
herone GmbH	Zero-Waste Pipe System
HEXCEL	AIRBUS Cradle
HRC	Front Bumper Lower Body Assembly
IDEKO	FRONT LOWER FAIRING OF A TRAIN
L&L PRODUCTS	2022 Toyota Tundra™ Composite Seatback
LUKASIEWICZ RESEARCH NETWORK – INSTITUTE OF AVIATION	Composite battery box for electric vehicles
MASSIVIT 3D	3D Printed Sacrificial Mold for a missile body
Mitsui Chemicals Group / albert ebenbichler innovations	Fat Albert cargo e-scooter (Tafnex Edition)
NIKKISO CO.,LTD	Integrally Stiffened TP Primary Structure

NIMROD COMPOSITES	Helicopter seat
POLYTEC GROUP	Lightweight BEV underride guard for the new Audi Q8 e-tron
PRONAT AEROSPACE	UAV machined part, to show advanced CNC milling techniques
ROCTOOL	Lightweight Solar Panel
ROCTOOL	BabyArk's child safety car seat
SEKISUI AEROSPACE	SEKISUI Aerospace Thermoplastic Blocker Door
STELIA Composites - Airbus Atlantic Group	Composites rear fuselage panel for the A220
STRATIFORME INDUSTRIES	Coupler Front Hatch (100% Linen)
TALGO	Composite High-Speed Train Carbody
TDL Technique / Terre de Lin	ALPINE A110 E-TERNITE ELECTRIC CAR WITH FLAX FIBRES COMPOSITES PARTS
TECNALIA	Train carbody floor structure
VALEO	Organosheet Composite Bumper Beam with Crashboxes
VESO CONCEPT	Bodywork of a competition vehicle made of bio-based and recycled composite materials
WOODOO	Woodoo SLIM X Marquardt Demonstrator
ZIUR COMPOSITES	GUIDING BAR

More information: <https://www.jec-world.events/program/innovation-planets>

JEC World 2023
April 25-27 – Paris Nord Villepinte

ASK FOR YOUR ACCREDITATION TO JEC WORLD 2023!

JEC

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About JEC Group

JEC Group is a non-profit organization entirely dedicated to promoting composite materials and fostering their applications globally. Publisher of the JEC Composites Magazine, the industry's reference magazine, JEC organizes several events around the world, including JEC World, the leading international exhibition dedicated to composites and their applications, which takes place annually in Paris. JEC media, events and digital channels connect a global community of professionals from the composites industry and beyond, to enable knowledge transfer, create networking opportunities, and highlight innovation.

JEC: Connecting the World with Composites

www.jeccomposites.com