

JEC Innovation Awards Finalists

Aerospace - Application

AeroComposit, JSC	Russia	Infusion technology for aircraft wing
Fraunhofer ICT	Germany	Modular thermoplastic stiffening panels
University of Applied Sciences Rapperswil	Switzerland	Polyurethane-RTM nose cone for jet engines

Aerospace - Process

Airbus	Germany	Complex structural applications of MAI sandwich
MTorres Diseños Industriales Sau	Spain	Mold-less monocoque manufacturing process
Stelia Aerospace	France	Full OoA TP welded primary airframe

Automotive - Application

Ford Werke GmbH	Germany	Composite Lightweight Automotive Suspension System
Hanwha Advanced Materials	Korea (South)	Lightweight seat back frame for SUV 2nd-row
Kangde Composites Co.,Ltd	China	Development & manufacturing of full CFRP car body

Automotive - Process

Action Composites	China	Massproduction of CFRP Stabilizers and Droplinks
Audi AG	Germany	High Volume CFRP Production : A8 Carbon Rear Wall
Dr. Ing. h.c.F. Porsche AG	Germany	combining CFRP and injection molding for series

Construction & Infrastructures

Grupo Navec	Spain	Below the line: concrete pipe repair with carbon
KOMATSU SEIREN Co., Ltd.	Japan	CFRTP CABKOMA Strand Rod
Solutions Composites	France	Innovative pultruded deck for station platforms

Marine

Multiplast Groupe Carboman	France	New building process for foil
Saertex GmbH	Germany	Steel to composite in 110m long river cruise ship
Uljanik JSC	Croatia	Composite cargo decks on a 7000 cars Car Carrier

Railway

ELG Carbon Fibre Ltd	United Kingdom	Optimised lightweight carbon fibre bogie frame
Penso	United Kingdom	Composite Rail Door
Saertex GmbH & Co	Germany	Breakthrough in railways: the renovation of the ICE

Sports & Leisure

Adherend Innovations, LLC	USA	Project Cedrus: Advanced Carbon Hydrofoil for Kite
BMW Group	Germany	MAI hiras + handle: Motorcycle rear swingarm
Schappes Techniques	France	First-ever Carbon/PEI hockey stick

Smart Cities

Exel Composites Oyj	Finland	5G Smart LED lighting pole
G12 Innovation	Brazil	Wet Core POD
Sicommin	France	InfuGreen 810 bio-resin for SeaBubble water taxi

Sustainability

Arkema Inc	USA	Innovative thermoplastic matrix wind turbine blade
CETIM-CERMAT	France	3-in-1 line for recycled composites manufacturing
GS4C srl	Italy	Loop650 sustainable cradle to cradle sailing boat