Composites Leadership Forum

Established as a result the 2009 UK Composites Strategy to strengthen leadership in the sector.

The CLF is working to influence the Government and other bodies to bring together support for composites and ensure growth and industrial success for the UK.

Strategy refresh delivered 2016.

www.compositesleadershipforum.com

Stakeholders:

BEIS, Innovate UK, EPSRC, KTN Ltd, DIT (formerly UKTI).

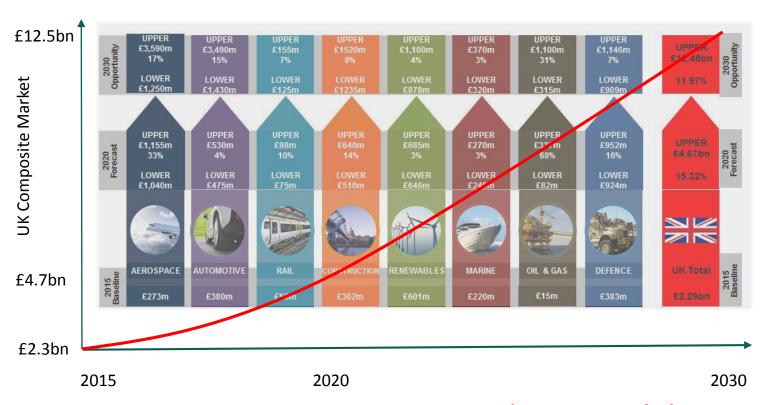
Delivery Partners:

National Composites Centre, Composites UK, CIMComp.

Industry Groups:

Aerospace Growth Partnership,
Automotive Council, Motorsport
Industries Association, Construction,
Defence, Renewables UK, Marine
Industries Alliance, Railway Industry
Association, Materials Suppliers

CLF Mission



Supporting UK Composites Industry to deliver six-fold growth by 2030

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UK Composites Strategy

Current UK status/ Types of Parts Increased Productivity. Action UK Growth to 2030 Opportunity Produced Products and Services 2015 £2.3bn Nacelles, Single Aisle Wings, Wide Body UK is world class in low Low Volume. **DELIVER** volume (autoclave/ High Land Systems, Military Aircraft, UAVs 2030 £12.5bn Performance Accelerate organic prepreg), high performance Motorsport growth in established composite part production. AEROSPACE To grow market share need sectors Engine Blades, Brackets, Propellers, Rote £3.590m Higher already using to develop higher volume & Volume, **DEFENCE** composites. productivity materials & Weapons High £1.150m production technologies. Performance Spoolable Pipes **AUTOMOTIVE** £3,490 Interiors High Volume. RAIL Components, High Volume Low Cost. £160m Semi Interiors **DEVELOP** CONSTRUCT'N structural UK has limited high volume, Fittings, Pipes, Systems Technologies and low cost materials & supply chains to Medium Volume, Luxury Vehicles, Bus MARINE production capability. Need £370m capture immediate Lineside furniture, Gantries, Vehicles / M to develop supply chain. market opportunities. Functional Panels, Tunnel Linings Mid Volume, OIL & GAS Structural Cabin Modules, Leisure Craft £1.100m Equipment, Pressure Vessels Wind Blades, Nacelles, Marine Turbines UK has limited large **DIVERSIFY Naval Vessels** structures production Enable UK industry to take Platform Systems, Trackbed Large, Low capability. Longer term advantage of increased Volume. **Custom Bridges** opportunity once lower cost Structural use of composites Work Boats, Super Yachts supply chain capability Modules, Protection in other sectors. developed.

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Strategy Delivery

CLF Leadership & Strategy Delivery

Working Groups Regs, Codes & Technology Workforce Sustainability Standards **DELIVER** Lead Industry Group Aerospace Accelerate organic growth in established sectors already using composites. **DEVELOP** Technologies and supply chains to capture **Automotive** immediate market opportunities. **DIVERSIFY** Enable UK industry to take advantage of opportunity Construction in other sectors.

Technol Chain Skills



Industry sector and common capability requirements converted into delivery plans through existing funding mechanisms and specific asks

Acceleration of cross sectoral knowledge transfer to improve supply chain capabilities, in technologies and skills

Increased supply chain productivity through earlier exploitation and deployment of disruptive technologies and greater use of automation via Ind 4.0

Growth by £10.2bn to £12.5bn by 2030

MOH MOH

OUTPUTS

COMPOSITES LEADERSHIP FORUM

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