

Bristol Composites Institute (BCI)

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BCI Co-Directors

bristol.ac.uk/composites

Delivering inherently sustainable composites solutions for the benefit of society and the global community.



Est. in **2007** as Advanced Composite Centre for Innovation and Science (ACClS) and rebranded Bristol Composites Institute in **2017**.

Fundamental and applied composites research and education, with strong industrial links for exploitation.

BCI numbers

 **>200**
Core staff
and students

 **£25M**
R&D Investment

 **797**
Academic papers
since 2017

 **>40**
Engaged companies

 **55**
Live projects

 **4**
Postgraduate
programmes



About us



Collaboration & Partnerships

- Partner in £42M Dstl funded Defence Materials Centre of Excellence (DMEx).
- Programme Grants with Cambridge, Imperial College London, Bath, Exeter and Southampton.
- Dual PhD with TU Dresden and cotutelle agreements with RMIT and TU Delft, collaboration with Texas A&M.
- MOUs with DTU Copenhagen, UBC and others.

Strategic University
Partnership

Vestas®



Composites
University Technology
Centre supported by
Rolls-Royce



Shared goals and mutual trust



Research challenges

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Minimise waste

Reduce energy
consumption

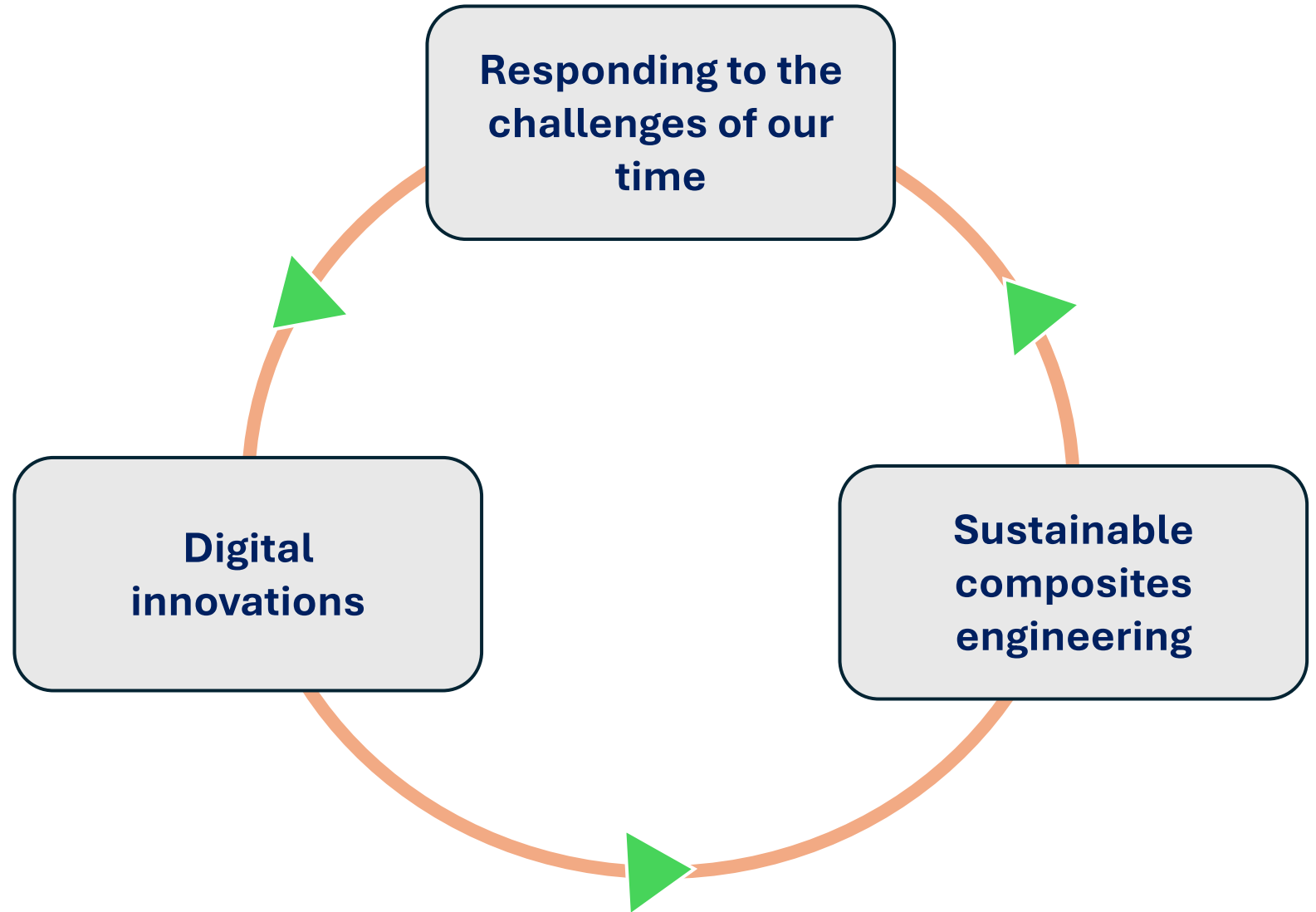
Lower toxicity

Faster testing

Efficiency

Optimisation

New tools / techniques



Engineering a sustainable future 

Research funders and partners



Design & manufacturing



Materials



Structures



Engineering a sustainable future

Enterprise



Aligned short fibre composites using HiPerDiF technology



Novel rapid, defect free tow shearing technology



Founded to rid industries of outdated hardware using origami methodology

Postgraduate Education

MSc Advanced Composites

PhD in Aerospace Engineering

**Innovation for Sustainable
Composites Engineering CDT**

**Composites Science, Engineering
& Manufacturing CDT**



Engineering and
Physical Sciences
Research Council



Engineering and
Physical Sciences
Research Council

A first-class education



