

AMRC with Boeing
Factory 2050
Europa Way
Sheffield
S9 1ZA
United Kingdom
07/08/18

Dear Tom,

As Head of the Integrated Manufacturing Group at Advanced Manufacturing Research Centre, I fully recognise the importance of accelerating the UK's vocational skills and knowledge about digital manufacturing. Valuechain's SmartFactory^{vr} project offers an innovative, engaging and scalable solution to raise awareness of digital manufacturing challenges and benefits, serving as a catalyst to upskill vocational students and manufacturing workforces of all sizes.

The University of Sheffield Advanced Manufacturing Research Centre with Boeing helps manufacturers of any size to become more competitive by introducing advanced techniques, technologies and processes. We specialise in carrying out world-leading research into advanced machining, manufacturing and materials, supporting vocational skills through knowledge transfer which is of practical use to the manufacturing industry.

Our 100-plus industrial partners range from global giants like Boeing, Rolls-Royce, BAE Systems and Airbus to smaller but highly innovative companies such as Valuechain which will provide an excellent route to market for SmartFactory^{vr}.

We have 11 core capabilities: Machining; Integrated manufacturing; Composites; Castings; Design & prototyping; Structural testing; Medical; Additive Manufacturing; Microscopy; Metrology and Virtual Reality.

AMRC has a global reputation for helping companies overcome manufacturing problems and has become a model for collaborative research and vocational training, involving universities, academics and industry, worldwide.

Sub-centres of the AMRC include Rolls-Royce Factory of the Future, AMRC Training Centre, Knowledge Transfer Centre (KTC), AMRC Castings, the Medical AMRC, Nuclear AMRC, The National Metals Technology Centre, Factory 2050, Composite Centre, Design and Prototyping Centre, Advanced Structural Testing Centre and Industrial Doctorate Centre.

The AMRC is a core part of the High Value Manufacturing Catapult, an alliance of seven leading manufacturing research centres backed by the UK's innovation agency, Innovate UK. Being part of the Catapult ensures that we play a core role in the revival of the national manufacturing sector. It also allows companies working with us to tap into a national network of manufacturing research excellence.

Through our extended network of the UK's leading Technology Centres, industrial and academic partners, I am confident that AMRC can support SmartFactory^{vr} to promote wide scale adoption throughout the UK.

I have no hesitation in confirming our support for your SmartFactory^{vr} application with UFI.

Yours sincerely,



Ben Morgan MEng CEng FIMechE

Head of the Integrated Manufacturing Group/Factory 2050