



3M BUCKLEY
INNOVATION
CENTRE

DIGITAL TECH TRANSFORMATION

8 SEPTEMBER 2020

SUE COOKE, CEO



3M BIC PURPOSE

3M BUCKLEY
INNOVATION
CENTRE

Championing enterprise and innovation,
We help businesses to innovate, connect
and grow through access to knowledge,
support and technology, all contributing to
regional economic growth and
productivity.

- ☑ FACILITATE BUSINESS GROWTH
- ☑ ENCOURAGE BUSINESS TO
UNIVERSITY COLLABORATION
- ☑ ACTIVELY PROMOTE INNOVATION

3M BUCKLEY INNOVATION CENTRE



- ☑ Wholly owned subsidiary of University of Huddersfield
- ☑ Focus on supporting SMEs with tech adoption & innovation
- ☑ £4m investment in technology & software from Local Enterprise Partnership & University (Huddersfield Innovation & Incubation Project)

3M BIC SERVICES

3M BUCKLEY
INNOVATION
CENTRE



OFFICE & LAB SPACE
Office & laboratories for
rent



INNOVATION & TECHNOLOGY
Design & technology support
for business innovation



MEETING SPACE HIRE
Conference, training &
meeting space

3M BIC COMMUNITY

3M BUCKLEY
INNOVATION
CENTRE



MEMBERSHIP

Benefits include registered business address, post-collection service and discounts on meeting spaces.



CO-WORKING

A space for like-minded businesses to work and interact with each other.



ENTERPRISE HUB

Business support and co-working for entrepreneurial students and graduates.



INNOVATION & TECHNOLOGY

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- ☑ Design
- ☑ Prototyping
- ☑ Verification & Inspection

DESIGN

The design services at the 3M BIC are intended for businesses looking to create or modify products, processes or services.

- ☑ Computer aided design (CAD)
- ☑ Photogrammetry
- ☑ Generative Design, Simulation
- ☑ Failure Model Equipment Analysis (FEA)
- ☑ Virtual & Augmented Reality
- ☑ 2D & 3D Visualisation
- ☑ Design Diversification offer from £3k





PROTOTYPING

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We offer the ability to make prototypes and models in a range of materials, depending on the purpose of the product and budget

- ✓ Additive Manufacturing
- ✓ Selective Laser Sintering (SLS)
- ✓ Stereo Lithography Apparatus (SLA)
- ✓ Filament Deposition Method (FDM)
- ✓ Direct Metal Powder Bed Fusion (DMPF/SLM)
- ✓ Design and prototyping offer from £3k

VERIFICATION & INSPECTION

Having designed and manufactured a prototype it is often necessary to ascertain if the original CAD design is reflected in the finished item and if internal, often hidden, parts are present.

- ✓ Metrology
- ✓ Co-ordinate Measurement Machine
- ✓ Industrial X-Ray Computerised Tomography (XCT)
- ✓ Microscopy – Optical and Laser
- ✓ Laser Confocal and Biological Inspection Microscopy
- ✓ Scanning Electron Microscopy



CASE STUDIES

Sports car – visualisation

Camping Chair – generative design &
light-weighting

Orthopaedic Device – design and AM

Textiles production line – component
replication

GINETTA LMP1



UNIVERSITY SPECIALISMS

Centre for Precision Technology

Institute of Rail Research

Transmission Flow – Valves

Technical Textiles

Computer Games

Skin Integrity & Wound Care

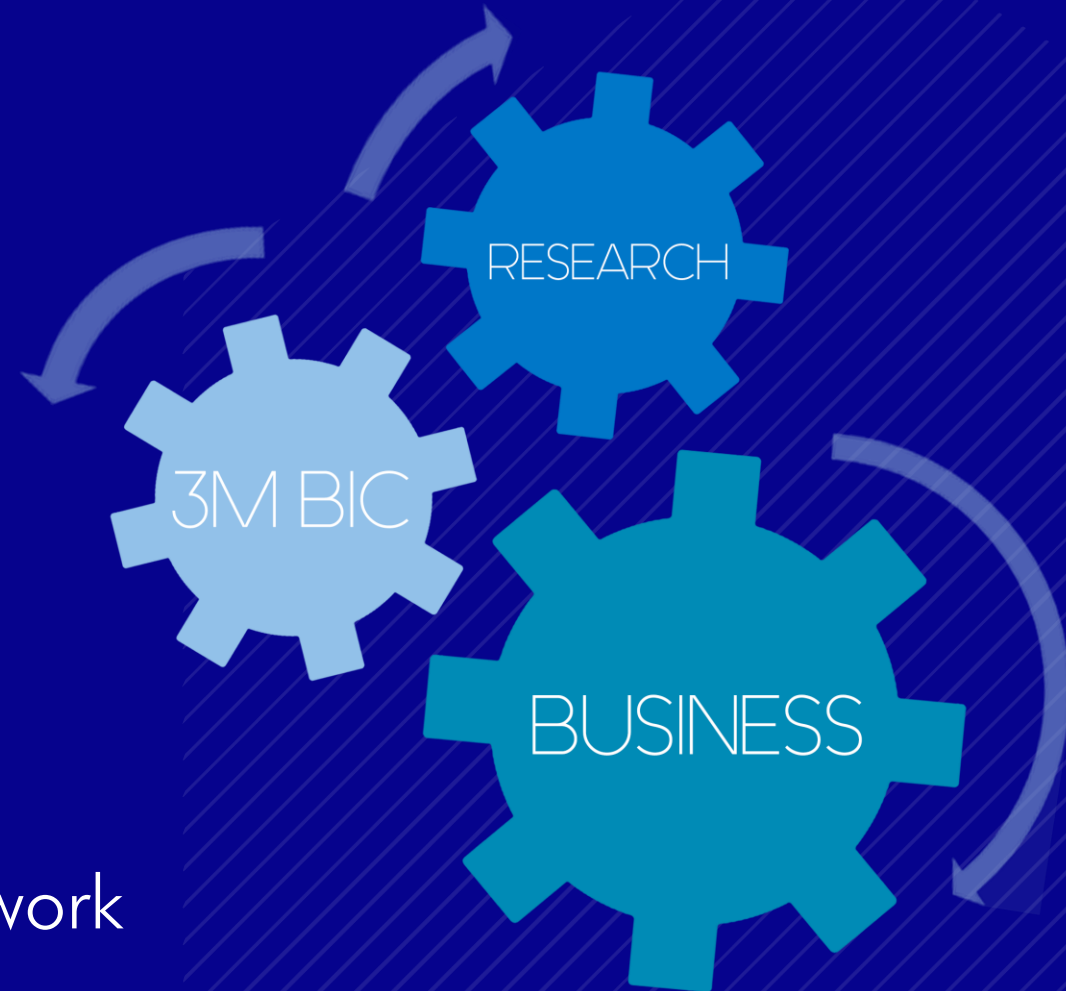
Data Analytics



3M BIC AS A CONNECTOR

3M BUCKLEY
INNOVATION
CENTRE

- ☑ Inspiring
- ☑ Innovative
- ☑ International



Anchor Member of
West Yorkshire Innovation Network

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