

4 Manufacturing

Connecting the innovation landscape to help realise the next industrial revolution

The Knowledge Transfer Network's **4Manufacturing** initiative is helping manufacturers to innovate, to realise a more productive, prosperous future enabled by the integration of technologies and systems using digital data within both the business and the supply chain.

SMEs in particular are central to realising this “fourth industrial revolution”. However, knowing where to start is not easy, and your budget may be tight.

We provide impartial support, funded by Innovate UK.

We work with you to:

- understand your needs and identify opportunities
- define and follow a step-by-step balanced plan of action
- start with small improvements and grow capability and confidence
- make targeted links to enablers and funding
- deliver tangible benefits for your business



Department for
Business, Energy
& Industrial Strategy

Institution of
**MECHANICAL
ENGINEERS**

THE Manufacturer

GAMBICA

cATAPULT
High Value Manufacturing

IET The Institution of
Engineering and Technology

Innovate UK
Knowledge Transfer Network

To find out more please contact: 4manufacturing@ktn-uk.org

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KTN's independent innovation experts work with you to provide:

Clarity

We work with you to develop a straightforward, balanced innovation plan that matches your needs, and will drive competitiveness, productivity & growth.

Connections

KTN has an unparalleled ability to connect you to the partners & enablers that will be most appropriate for you, drawing on our extensive network and deep knowledge across sectors. We also provide networking opportunities to help share best practice and address barriers.

Funding

We work with you to identify funding opportunities to match your needs which could significantly improve your return on investment.

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Business integration

- Factory floor and production systems
- Additive manufacturing
- Industrial Internet of Things
- Sensors
- Systems integration
- Digitally assisted assembly
- Robotics & automation
- Simulation
- Cyber security
- Flexible manufacturing
- 3D visualisation
- Digital processes
- Predictive maintenance
- Energy & water efficiency

Supply chain integration

- Supply chain integration & mapping
- Circular economy & remanufacturing

Customer integration

- Servitisation
- Web-based customer order tracking
- Mass customisation

Product innovation

- Innovation best practice/readiness
- Development of a new product
- Improvement of an existing product

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