

mtc

Manufacturing
Technology Centre

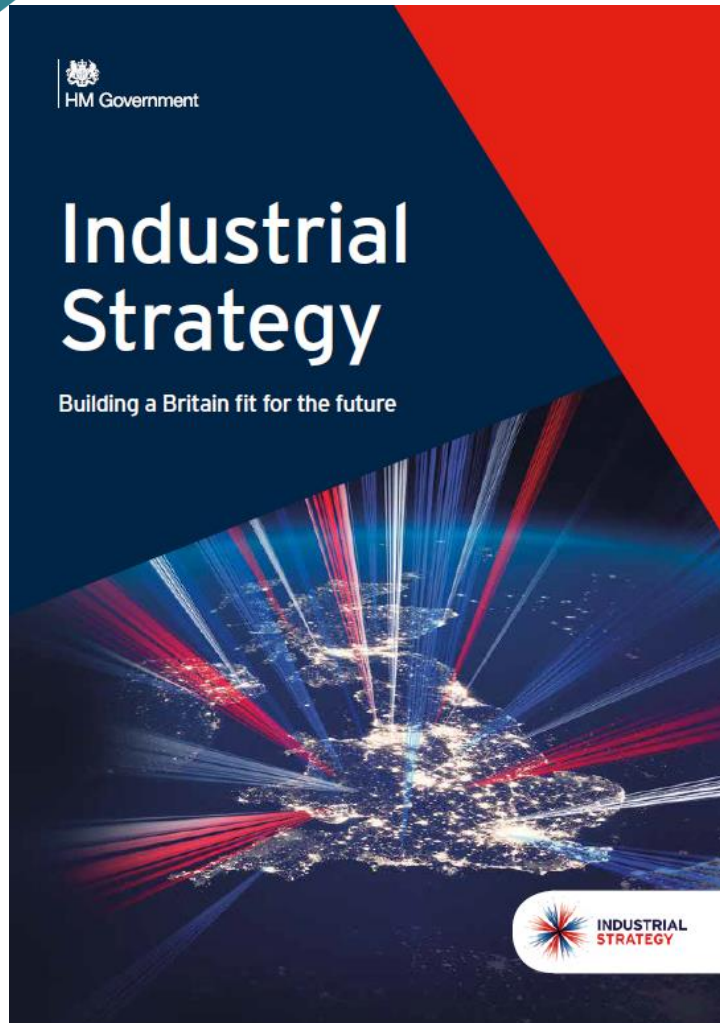
Industrial Strategy & the Role of Manufacturing in the Growth of the UK Economy

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Industrial Strategy Key Priorities



Our five foundations align to our vision for a transformed economy





Ideas

the world's most innovative economy

- **4IR the forth industrial revolution connected to the Internet of Things**
- **Net Shape and Additive Manufacturing (metals 3D printing)**
- **Intelligent Automation**
- **Advanced Laser Processing**

A350 –Trent 1000 Front Bearing Housing





People

good jobs and greater earning power for all

- **Apprenticeships**
- **Upskilling short courses & intensive focussed development programmes**
- **Apprentice Degrees and Manufacturing MBA in collaboration with academia**
- **PhD/Eng Doc Programmes**
- **MTC STEM Programme**
- **Primary School Chocolate Impact Challenge**
- **GCSE Boat Race**



Infrastructure

a major upgrade to the UK's infrastructure

- **Transforming Construction Alliance**
 - ✓ **MTC**
 - ✓ **Centre for Digital Built Britain**
 - ✓ **Building Research Establishment**

Business Environment & Place



Business environment

the best place to start and grow a business



Places

prosperous communities across the UK

- **Midlands Engine Investment Fund**
- **Companies expanding activity to the UK**
 - ✓ AVL
 - ✓ Fanuc
 - ✓ IPG Photonics
 - ✓ Meggitt

