

Digital 4 Industry in the UK

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Manufuture, Tallinn, October 2017

The UK Innovation Landscape for Digital Manufacturing

HVM Catapult – History

Ingenious Britain
Making the UK the leading
high tech exporter in Europe
A report by James Dyson
March 2010

The Current and Future Role
of Technology and Innovation
Centres in the UK

A Report by Dr. Hermann Hauser

For Lord Mandelson

Secretary of State
Department for Business Innovation & Skills

Technology Strategy Board
Driving Innovation

High Value Manufacturing
Strategy

Technology Strategy Board
Driving Innovation

A landscape
for the future
of high value
manufacturing
in the UK

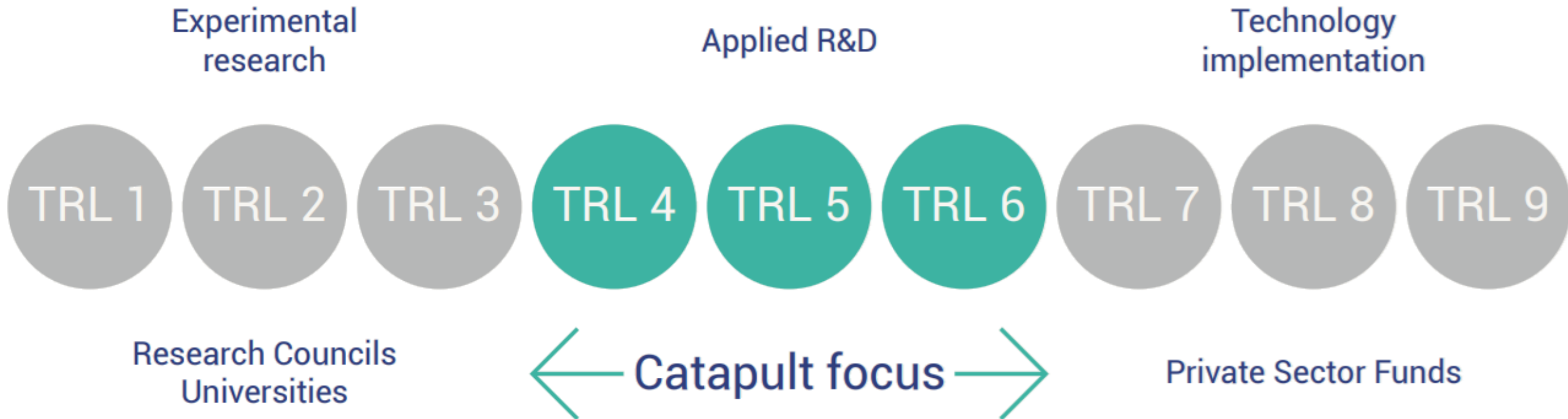
A study conducted for the
Technology Strategy Board

February 2012

HVM Catapult

- 7 World class centres of industrial innovation
- Cutting-edge equipment for industrial scale up
- Lowering risk for business
- Platform for skills development at all levels
- Cross sector capability
- Supply chain partnership

Bridging the gap to commercial success



HVM Catapult centres

AFRC

Nuclear AMRC

MTC

NCC

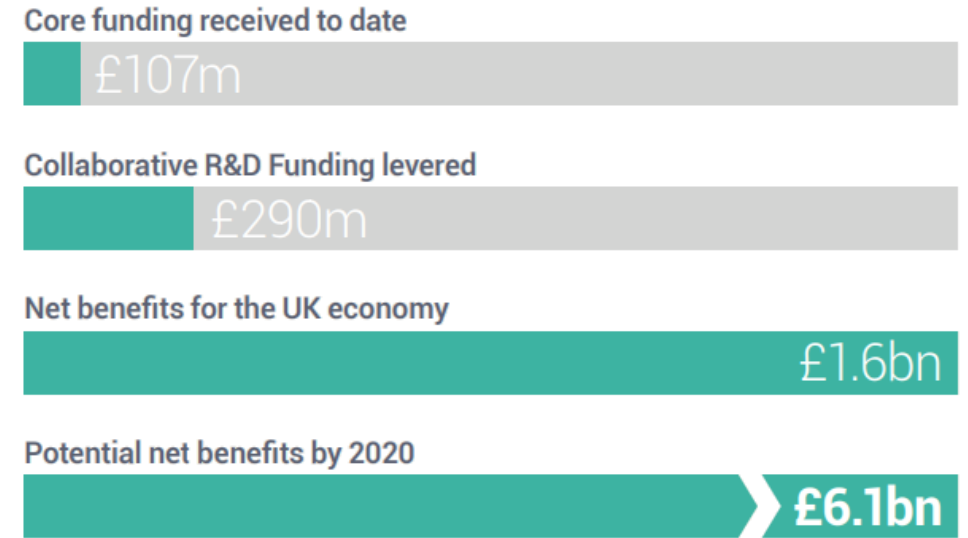
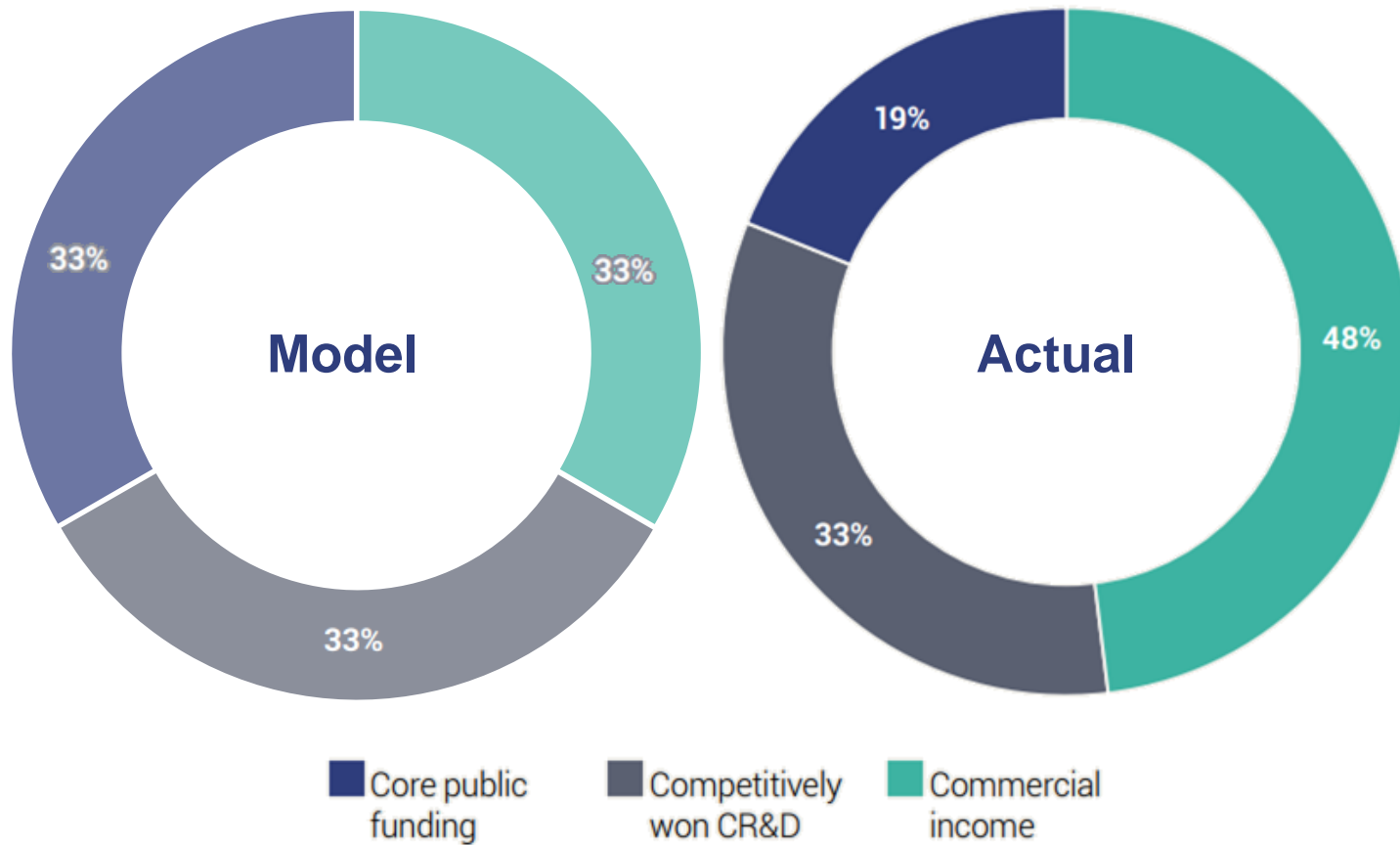
CPI

AMRC

WMG



HVMC Economic Impact Evaluation



£15 net benefits to the UK economy from every → £1 core public funding received

Source: WECD Economic Impact Evaluation study

Manufacturing Technology Centre

An example

BRIDGING THE VALLEY OF DEATH

Catapult FOCUS

MTC FOCUS

RESEARCH AND DEVELOPMENT

NEW IDEAS

IDEAS APPLIED TO REALITY

COMMERCIALISATION

UNIVERSITIES

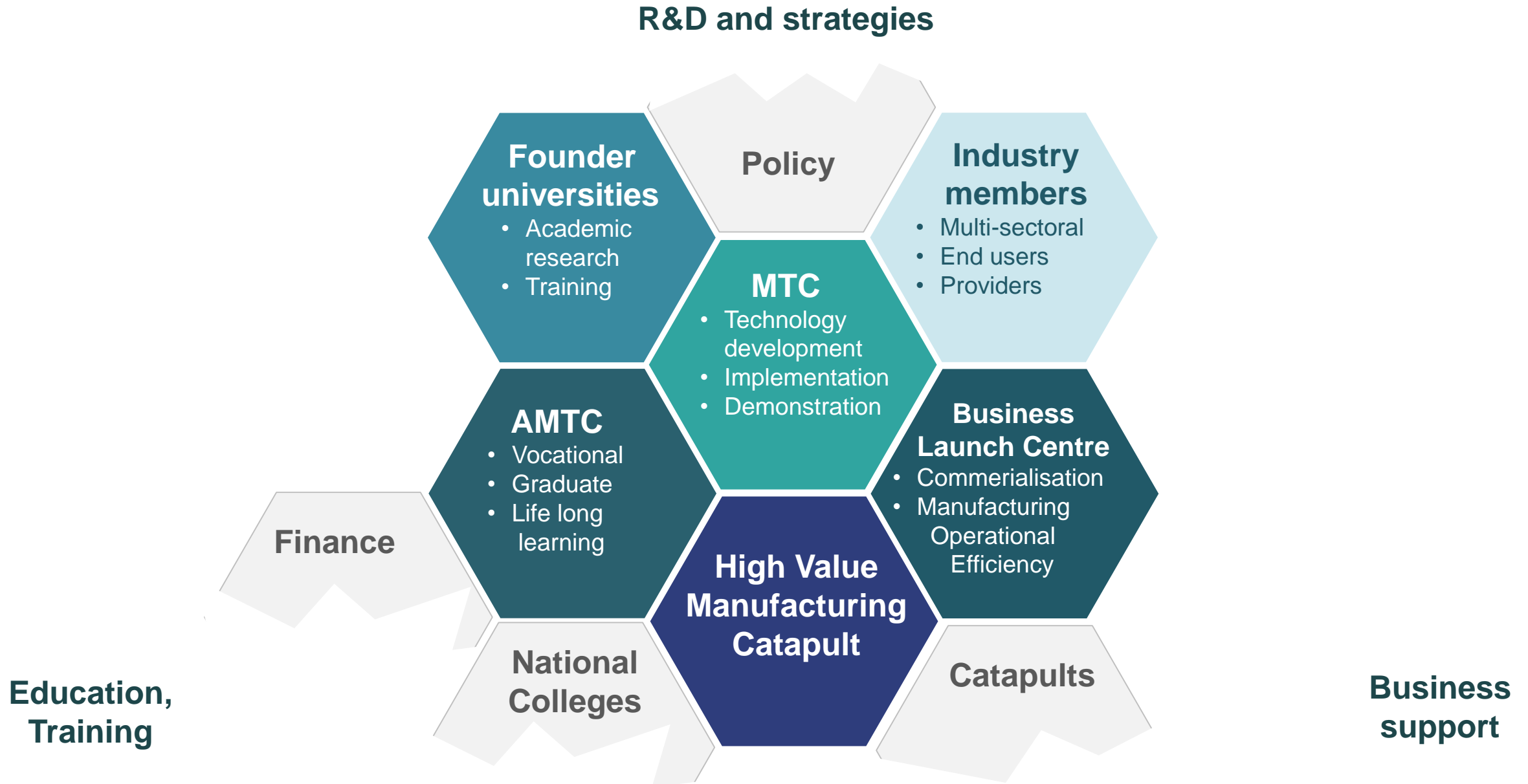
VALLEY OF DEATH

INDUSTRY



Becoming Aware
Identifying the Opportunity
Building the Business Case
Identifying Partners
Technology and Innovation
Business Transformation
Talent Transformation

MTC Evolution and Innovation Ecosystem





Apprentice
training

Engineer
upskill training

Conferences
& Events

Technical
solutions

Research &
Development

Projects

Operational
efficiency

Product manufacturing
incubator

SME support

mtc
Manufacturing
Technology Centre

Digital4Industry



Since 2015

Supported by:



Department for
Business, Energy
& Industrial Strategy



**Green Paper
January 2017**

An abstract graphic featuring a network of light blue lines connecting various nodes. Some nodes are represented by small, solid light blue circles, while others are just points where lines intersect. The network is spread across the upper two-thirds of the page, with a denser cluster of nodes and lines towards the bottom right.

Industrial Digitalisation Review

IDR

Interim Report

July 2017

UK Leadership

Connecting the national landscape and communicating the message to industry

Rapid Adoption

Providing the skills and the business support to manufacturing SMEs to enable a strategy and the identification of future innovation opportunities.

Innovation

Accelerating the commercialisation of new technologies and widening their adoption in meaningful and impactful use cases in industry.

THANK YOU FOR LISTENING



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