



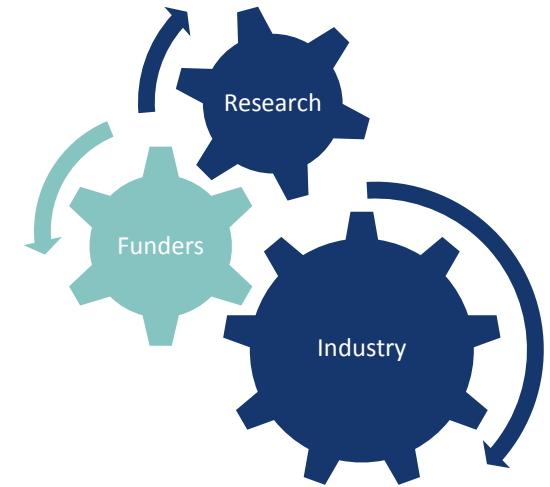
Mark Bustard
Specialist, Medicines Manufacturing
Introduction

Introducing The Knowledge Transfer Network

What we do

KTN is the UK's innovation network. It brings together businesses, entrepreneurs, academics and funders to develop new products, processes and services

We help business to grow the economy and improve people's lives by capturing maximum value from innovative ideas, scientific research and creativity



The Knowledge Transfer Network

Connecting people to accelerate innovation



Strategic

Connecting people who wouldn't usually meet to solve innovation challenges.



Interdisciplinary

Bringing together businesses and researchers from different sectors.



Entrepreneurial

Linking people with new ideas and technologies to partners and customers.



Commercial

Introducing innovators to public and private funders and investors.

KTN Support for Medicines Manufacturing

Focus on human health biotechnology, medicines and manufacturing

- Biopharmaceuticals
- Cell and Gene Therapies
- Pharmaceuticals
- Manufacturing and Supply Chain
- Bioprocessing Research Industry Club Coordination

KTN Support for Business with Innovate UK

KTN is the main vehicle for business interface for Innovate UK

Innovate UK has recently restructured:

- Health and Life Sciences
- Manufacturing and Materials
- Emerging and Enabling Technologies
- Infrastructure Systems

Currently evolving its funding mechanisms

Innovate UK core budget 2016/17 is £561M

Moving to more simplified funding for businesses

Innovate UK will now move to more regular and broader funding competitions

- On average 2 calls per year supporting the 4 main theme
- Open Programme

- **Health and Life Sciences** – February and September
- **Manufacturing and Materials** – May and November
- **Open Programme** – June and December

Thematic strategic calls will still occur eg Advanced Therapies Industrial Manufacture call or the two recent SBRI Vaccines calls

KTN-TSB Pharmaceutical Manufacturing Technology Roadmap 2013

Technology Strategy Board
Driving Innovation

The Future UK Life Sciences Manufacturing Landscape
Opportunities and Challenges for High Value Manufacturing
in the Pharmaceutical and Biopharmaceutical Sectors

A Consultation for the Technology Strategy Board
November 2012



Key Areas in Biologics Manufacture

1. New low cost routes to market
2. Improvements in analytics
3. Increased understanding of biopharmaceutical formulations
4. New approaches in biological production

Has been used to inform a number of initiatives to date



MMIP

What is the MMIP?

The Medicines Manufacturing Industry Partnership (MMIP) represents the voice of medicines manufacturers in the UK. It was established jointly by Government and the biopharmaceutical industry in 2014 to ensure that the UK is recognised by the global medicines industry as a world-class, advanced centre for medicines manufacturing.

MMIP's 3 year mission is to:

-) increase the relative global proportion of medicines manufacturing investment in the UK
-) act as a strong coordinated voice for the medicines manufacturing sector
-) identify measures to improve the global competitiveness of UK medicines manufacturing
-) promote the benefits of the UK as a location of choice for medicines manufacturing



Advanced Therapies Manufacturing Taskforce

Securing Advanced Therapy Manufacturing in the UK:

An Industry Taskforce working with Government to set the conditions for productivity and commercial scale industrialisation to anchor Advanced Therapy manufacturing in the UK



MEDICINES MANUFACTURING UK LANDSCAPE

Overview



Click a bubble to begin your search



22
FUNDING SOURCES

193
MANUFACTURING SITES

1313
COMPANIES

21
NATIONAL CAPABILITIES

75
ACADEMIC CAPABILITIES

6
CATAPULTS

38
UNDERPINNING ORGANISATIONS

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SECTOR ORGANISATIONS

FIND BROADER INFO ON THE UK LIFE SCIENCE SECTOR

FIND OUT MORE FROM THE KTN

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Thank You