

Unlock Your Global Business Potential

The New UK Life Science Prospectus

**INNOVATION
IS
GREAT**
BRITAIN



Foreword

"In December 2011, I made a firm commitment to re-establish the UK's global leadership in the life science sector, announcing the Government's ten-year Strategy for UK Life Sciences."

"...we need to make the most of the key elements of UK Life Sciences: basic science in universities, clinical research, industry and the National Health Service (NHS). By more closely integrating the UK's unique strengths, I believe that we can improve healthcare for patients, attract new investment to the UK, and create new jobs and business opportunities in an increasingly competitive and international industry."

"We have also made excellent progress on our commitment to open up NHS data to researchers. The NHS is one of our greatest assets, and its standardised system of data collection has the potential to help transform healthcare and support new discoveries and clinical research. We are committed to making even more of this data available in a secure and anonymised way."

David Cameron
Prime Minister

Our Commitment to Business

The commitments made in the Strategy for UK Life Sciences, launched in December 2011, and the progress made to date, focus on improving the efficiency of the translation of scientific discoveries into innovative products and services, making that process smarter, better, and faster, and leading to bigger returns for patients, businesses, and investors.

The UK has a vibrant research base, and is a good place to locate as it offers opportunities to launch to other international markets, whether in Europe or beyond. The UK's excellent reputation in research, clinical development, health regulation, and health economics combined with UKTI's own global connectivity means that the UK can help your business maximise the potential of your health technologies or services.



Improving The Business Environment For Life Sciences

The UK Government is introducing a suite of fiscal measures including: targeted investment, funding initiatives and tax incentives to stimulate innovation and growth for start-ups and small and medium sized enterprises (SMEs) through to large global enterprises. By locating in the UK, your business also becomes eligible for funding initiatives from the European Commission.

To see a full list of actions outlined in the Strategy and to get an update on progress to date, read The Strategy for UK Life Sciences: One Year On which can be downloaded from:

www.bis.gov.uk/ols

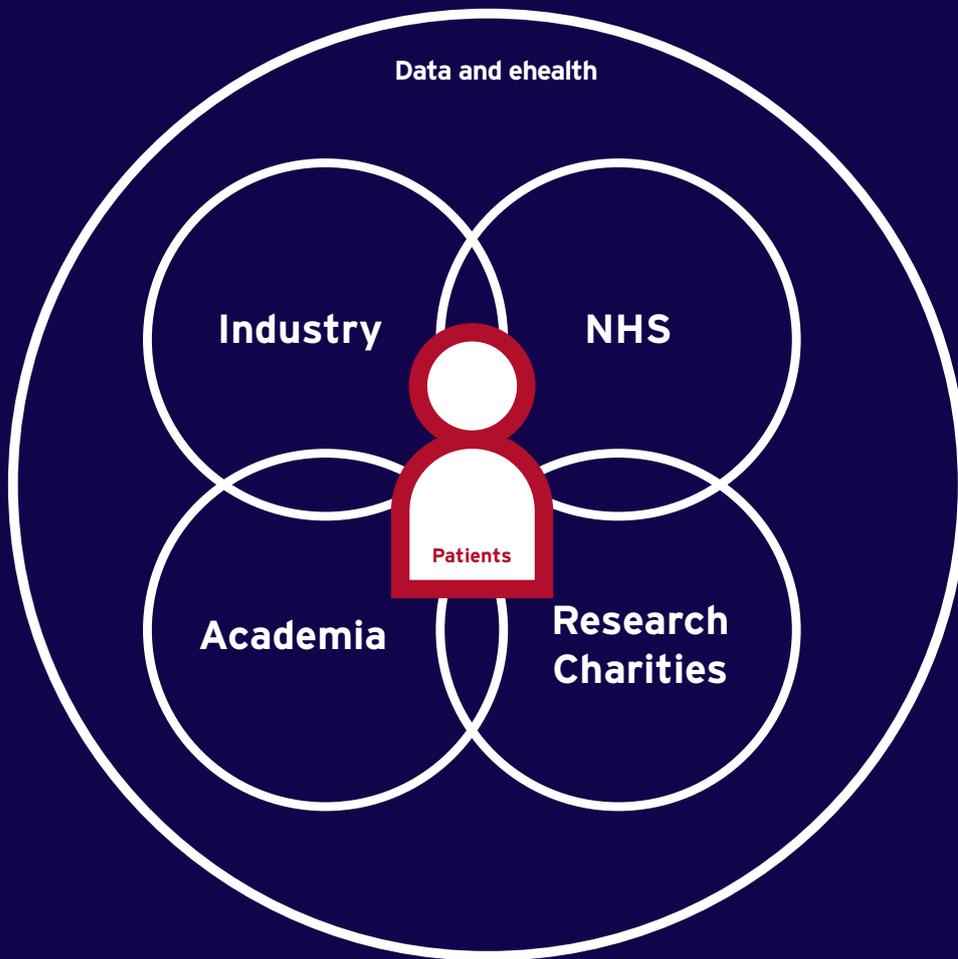
Supporting The UK's Vibrant Research Base

The UK Government has protected the UK's science budget and is committed to supporting core science funding with major investment in genomics, informatics and synthetic biology.

Additionally, several of the Research Councils have committed to invest £25 million over five years to address key barriers to progress, of which £20 million will fund a UK Regenerative Medicine Platform (UKRMP), with up to five interdisciplinary research hubs.

The UK has a rich heritage of life science discovery that has transformed scientific knowledge and continues to unlock clinical and commercial opportunities. From the building blocks of the new genomic age, to the secrets of cells, and the physics that makes magnetic resonance imaging possible, UK science is world-class, offering industry an opportunity to partner with globally recognised pioneers and innovators.

An Integrated Healthcare Environment



The UK has a uniquely powerful combination of:

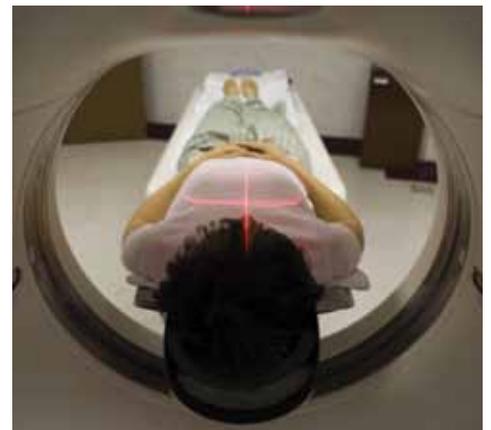
- World-leading universities, science, facilities, and principal investigators
- Established industrial R&D, manufacturing and supply chain
- Translational research infrastructure and clinical network supported by key opinion leaders
- Globally renowned research charities
- A National Health Service with 60+ million patients and access to unrivalled, clinically coded, granular health data that tracks patients throughout care pathways
- A firm commitment to partner with industry and establish access points for industry to the UK life science base
- A great place to undertake quality, efficient R&D and validate new products.

Improving The Quality And Efficiency Of Clinical Translation

The UK is committed to making clinical studies more efficient by introducing the Health Research Authority to streamline approvals for clinical research and new performance metrics for patient recruitment.

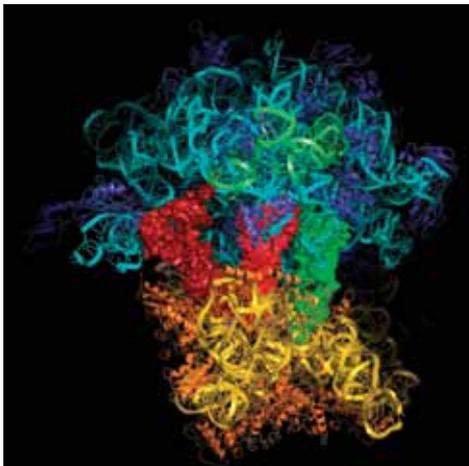
The UK spends more than £500 million annually on the NIHR infrastructure, supporting experimental medicine research and clinical trials in the NHS, and is introducing a benchmark of 70 days or less from receipt of a valid research application to recruitment of the first participant in clinical trials.

The UK is also committed to enabling every willing patient to be a research patient and embedding this commitment in the NHS Constitution, and encouraging more patients to participate in clinical research.



Providing Access To Drive Healthcare Innovation

- The UK has the largest national healthcare system in the world - the NHS
- England, Northern Ireland, Scotland and Wales provide a single access point for industry to their respective populations. This ensures faster access to the right contacts, key opinion leaders, and patient cohorts to accelerate the development of your technology
- With well characterised populations and integrated research, the UK can be a great launch pad for market access and adoption of your technology in Europe and beyond.



Unlocking Data To Drive Innovation

UK life science is informed by real world data and information, from biosources to anonymised patient records, clinical practice, and outcomes data. Enabled by the NHS and anonymised electronic patient records, your business will have access to unrivalled, clinically-coded health data, including linked datasets offering a unique opportunity to understand care pathways.



Creating An Open And Flexible Regulatory Framework

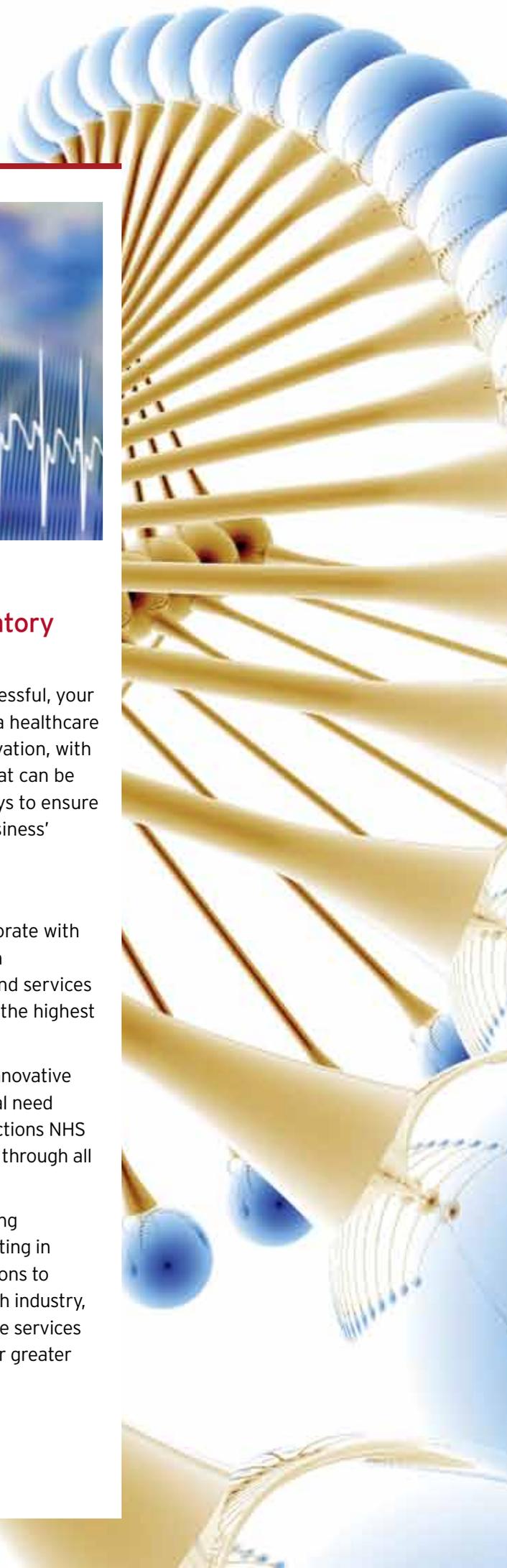
Our ambition is that, if successful, your technology is adopted into a healthcare system that is open to innovation, with access to real world data that can be tracked across care pathways to ensure robust appraisal of your business' product or service.

Our commitments:

- the NHS is open to collaborate with your business on research
- your business' products and services are critically appraised to the highest standard.

The NHS is a repository of innovative ideas based on unmet clinical need gained from the daily interactions NHS clinicians have with patients through all stages of the care pathway.

The Government is harnessing this unique position by investing in incentivising NHS organisations to research and collaborate with industry, in an aim to create innovative services and technologies that deliver greater benefits to patients.



A competitive tax environment: The Patent Box

10%

rate of corporation tax on all profits attributable to qualifying patents

Making the R&D spend of your business go further: R&D tax credits

The single biggest UK Government support for business investment in R&D are tax credits. The scheme for SMEs is amongst the most generous in the world. Large companies applying to the scheme receive relief worth approximately 7p on every £1 of qualifying expenditure.



The SME scheme provides relief worth approximately **25p** on every **£1** of qualifying expenditure

ACCESSING INVESTMENT: GROWTH IN UK VENTURE CAPITAL

New life science venture capital funds have formed in the UK, providing additional early-stage investment for start-ups and companies.

Invention for Innovation

A research award from the National Institute for Health Research (NIHR) which aims to support and advance the development of innovative medical technologies and their translation into the clinical environment for the benefit of patients.

Incentivising partnership working: UK Research Partnership Investment Fund (UK RPIF)

£300 million

from UK RPIF to stimulate R&D collaborations between universities, businesses and charities

Bridging the gap: Biomedical Catalyst

In 2012 the MRC and the TSB committed

£180m

over three years to the Biomedical Catalyst to financially support life science projects

The Welsh life science sector

employs

15,000 people

contributing around

£1.3 billion



£100 million

fund for the life science sector

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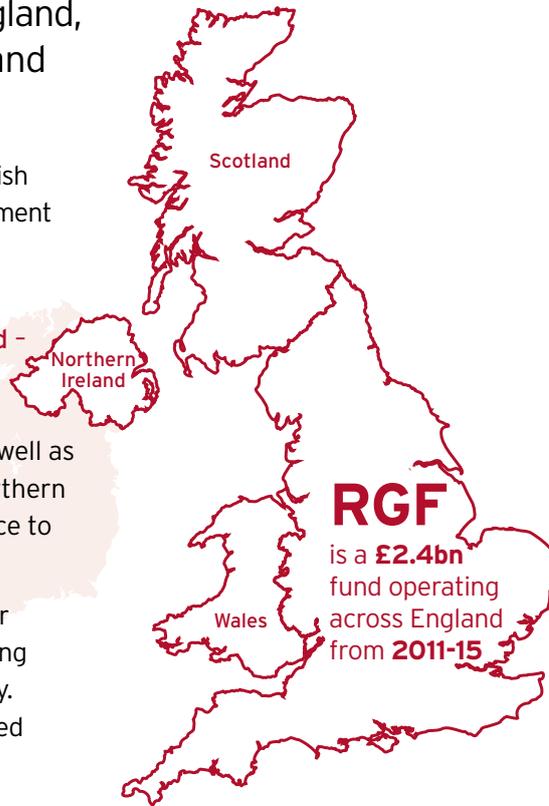
The UK is an attractive location to initiate pivotal clinical studies and is a gateway to enter other European markets.”

Funding initiatives in England, Scotland, Northern Ireland & Wales

Life Science in Scotland - Scottish Enterprise offers grants for investment projects via the Regional Selective Assistance (RSA) funds

Life Science in Northern Ireland - Invest Northern Ireland offers some of the most attractive incentive packages in Europe as well as financial support to set up in Northern Ireland, and comprehensive advice to facilitate the investment process

Life Science in Wales - The sector employs 15,000 people contributing around £1.3 billion to the economy. The Welsh Government has created a £100 million fund for the life science sector



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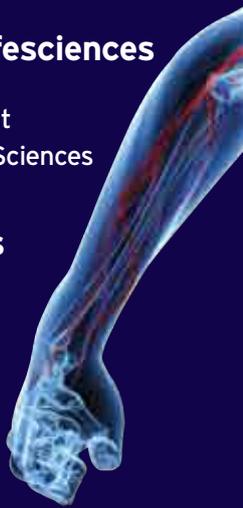
UK Trade & Investment's Life Science Investment Organisation (LSIO) is here to help your business navigate the opportunity to partner with and invest in the UK, and to connect you to the wider UK life Science community.

The UK's excellent reputation in research, clinical development, health regulation, and health economics combined with UKTI's own global connectivity mean that the UK can help your business maximise the export potential of your health technologies or services.

www.ukti.gov.uk/lifesciences

For documentation about the Strategy for UK Life Sciences go to...

www.bis.gov.uk/ols



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