

# The UK: Your Partner for Health Systems Strengthening



Department for  
International Trade



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# Introduction: What is Health Systems Strengthening?

The World Health Organization defines health systems as all organisations, people, and actions whose primary intent is to promote, restore, or maintain health.

Health Systems Strengthening (HSS) interventions are principal levers for achieving Universal Healthcare Coverage (UHC) in countries progressing or enhancing full coverage.



- UHC means that all individuals and communities receive the health services they need without suffering financial hardship.
- It includes the full spectrum of essential, quality health services, from health promotion to prevention, treatment, rehabilitation, and palliative care.
- UHC enables everyone to access the services that address the most significant causes of disease and death and ensures that the quality of those services is good enough to improve the health of the people who receive them.

## Health Systems Strengthening definition:

*“any array of initiatives that improves one or more of the functions of the health systems and that leads to better health through improvements in access, coverage, quality or efficiency”*



# Introduction – the UK Offer

This document brings together a combination of NHS and UK private sector examples for each component of the Health System Strengthening offer

## Introduction

**1. World-class healthcare needs integrated systems, where every part works to improve patient outcomes.** In the UK, expertise in areas such as funding, strategy, regulation, training, innovation and delivery comes together to make the NHS one of the very best healthcare systems.

**2. You can partner with organisations from the rich network of NHS bodies and private sector to help develop every aspect of your healthcare system, from workforce planning to data management.**

**3. The NHS has evolved over nearly 70 years.** But achieving system excellence need not take you decades; all the know-how and experience that makes the NHS so successful is available to you right now.

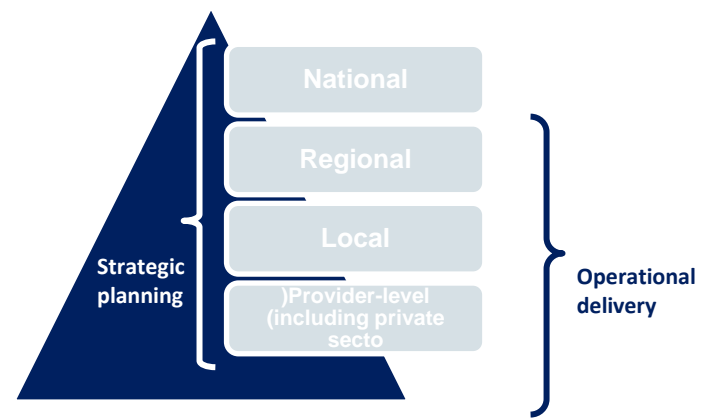
- Offer available to all levels of a health system
- To both public and private sector clients that request support in technical areas of health systems
- The UK is well placed in helping health systems lay the tracks they need to bring better care for all parts of their populations
- By providing packages of UK Health Systems expertise, we build capability in health systems to hand over to other UK organisations to deliver value in other areas

*"The UK's role in helping other countries with their health reforms shows that this is a natural focus for the country's diplomatic efforts and soft-power relations" Chatham House*

*"I welcome the leadership of the largest single health system in the world, the National Health Service, in committing to be carbon neutral in its own operations by 2040, and to drive emissions reductions in its suppliers and partners"*

*Dr Tedros Adhanon Ghebryesus – Director General World Health Organization 2020*

**75+**  
UK Organisations supporting Health Systems Strengthening



# Introduction – the UK Offer

## Why the UK? Top 5 best buys from NHS and UK private sector

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### Introduction

- An **integrated model** of care focused on the patient, built and developed over 70 years. Draws together expertise in healthcare financing, **policy & strategy, regulation and clinical guidelines** - to create comprehensive healthcare systems.
- Nationally coordinated **workforce planning** – monitoring of healthcare workforce, accreditation of training programmes, delivery of speciality education and continuous professional development.
- Organised system with sophisticated **data collection** for direct care, service planning and research. This is the keystone of organised healthcare in the UK for 100 years. Rich data sources enable **digital technology** ecosystem including teleconsultations, self care and care management and highly diverse private sector.
- **Primary care and public health** - foundations of the NHS from education and professional development through to organisation and commissioning services – enabling patients to access all NHS services.
- **Innovation**- quick systematic delivery of innovation through organisations like NHSx, Accelerated Access Collaborative, NIHR, NICE and Academic Health Science Networks. The rapid adoption of new approaches, for example, genomics – from sequencing, research, personalised healthcare and prevention – with underpinning education & training services. And new approaches to emerging challenges– e.g., **sustainability, cutting edge infrastructure and pandemic response.**

# Why the UK? UK Health Systems Strengthening Offer Summarised

The UK's International Portfolio themes with organisations ready to partner

## Why the UK?

### Data and Digital

Strategy to support the use of data and digital interventions to improve patient outcomes

### Public Health and Prevention

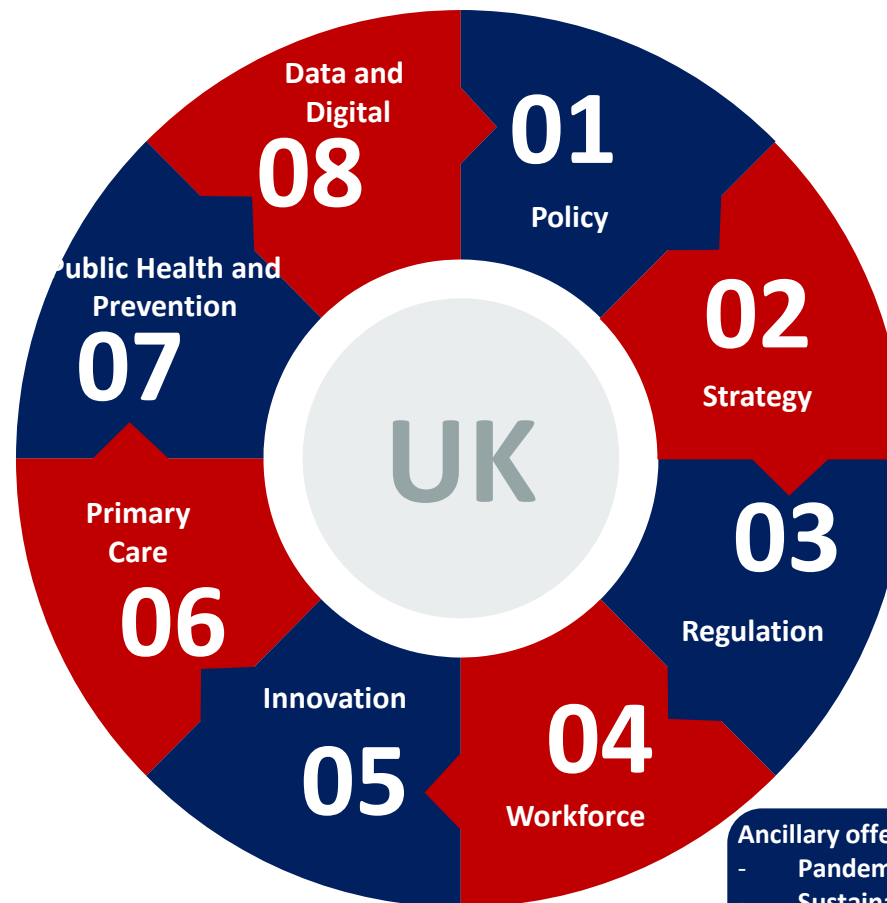
Services and interventions to prevent non communicable and communicable diseases and other life-threatening illnesses

### Primary care

Services acting as the first contact and principal point of continuing care for patients within the system

### Innovation

Systems, processes, services and products which change and improve the way we design and deliver care



- Ancillary offers:**
- Pandemic Response
  - Sustainability & Climate Change
  - Infrastructure
  - Education & Training

### Policy

Health system policy support to aid strengthening of health and care services and the development of UHC

### Strategy

System and process design aimed at improving the quality of care and patient outcomes

### Regulation and Clinical Guidelines

Setting standards to ensure quality and safety of care and the production of evidence-based guidance and advice including assessment of value of medicines and healthcare technologies.

### Workforce Development

National strategy and individual training programmes designed to build a skilled and effective clinical workforce

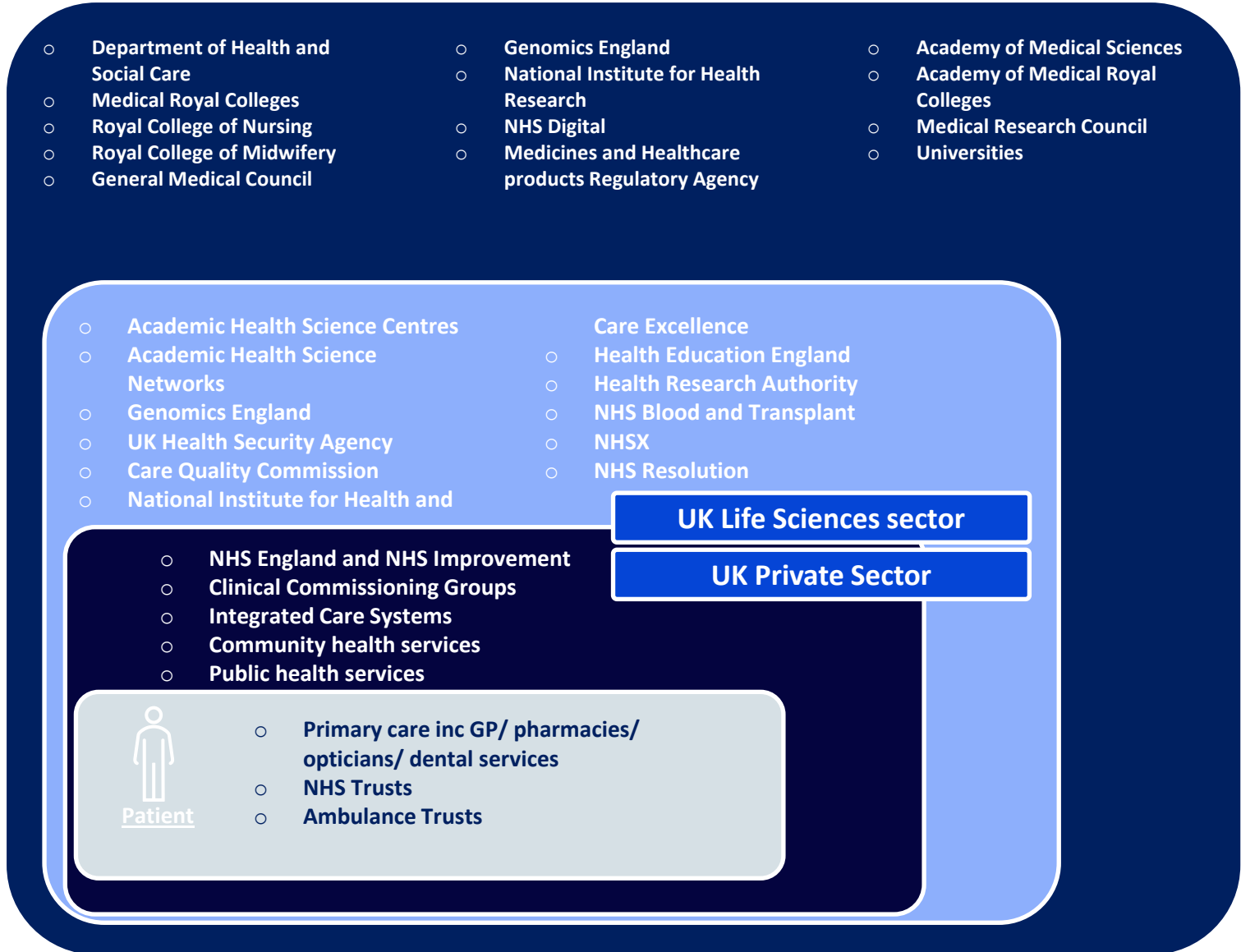
The NHS

# The NHS – a world class ecosystem with a mixed delivery model

## UK Health System Landscape and expertise

Formed in **1948** – first country to offer free universal health care to the whole population - the NHS

- Treats **1.4 million patients every 24 hours** and performs over six million day-case procedures per year
- **3 of world's top 4 medical universities** are in the UK
- **World-first programmes** to integrate genomics, AI, and early diagnosis, and preventative population medicine in the NHS
- is **still the world's largest publicly funded** healthcare system
- has become one of the most **efficient healthcare providers** globally
- UK spends **9.8% of GDP on healthcare**



# 1

## Policy

### Policy

#### UK Expertise

**How? Building an evidence base to establish and build resilient health systems. The development of interventions and support to build and strengthen health systems.**

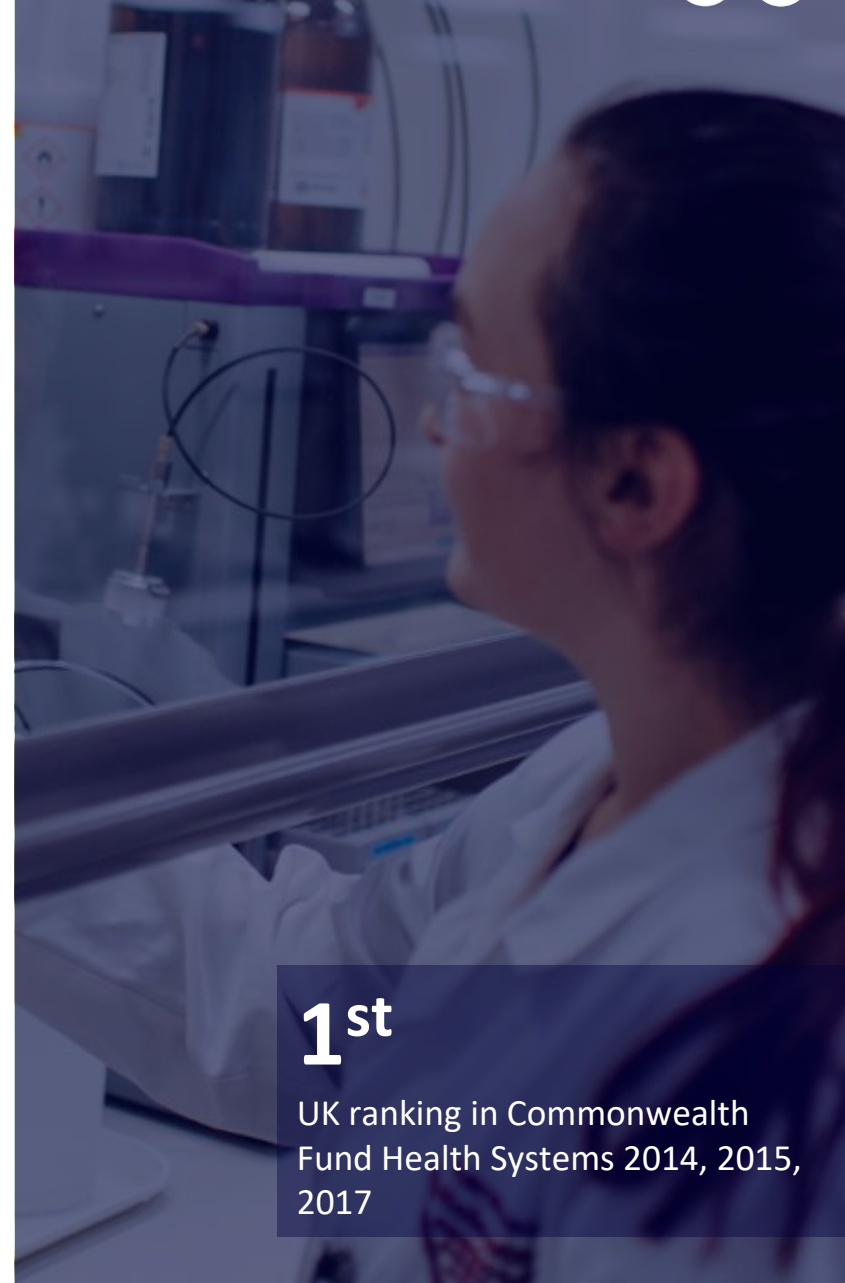
The UK's National Health Service (NHS) is one of the world's best healthcare systems for equitable service and access and has over 70 years of developing healthcare policy that ensures delivery of high-quality care to patients.

#### Global Offer

**This long history of evolving the NHS to adapt to changing patterns of disease, developments in research (the UK has many world firsts) and consumer expectations means that we are highly experienced and are able to offer this service to all countries across the globe.**

NHS policy focuses on building a health system that is fit for the future by: *enabling everyone to get the best start in life regardless of who they are or where they live, helping communities to live well by being able to impact on the service they receive, helping people to age well by tackling age related illnesses and keeping people well in the community.*

We have award winning integrated care systems across the country and can evidence transformation between primary and secondary care. We offer NHS and other consultancy in these areas as well as data capture and analysis and population health management



**1<sup>st</sup>**  
UK ranking in Commonwealth Fund Health Systems 2014, 2015, 2017



## BMJ

BMJ publishes one of the top five most cited general medical journals. We delivered on global projects, including health systems strengthening, human workforce development and primary care strengthening.

<https://www.bmj.com/company/internationalhubs/>



## Imperial College Healthcare NHS Trust

One of the largest NHS trusts; we work with international clinical teams to improve services at hospital, regional, national levels; frontline multi-disciplinary teams developing quality improvement plans.

<https://www.imperial.nhs.uk/>



## The Institute of Global Health Innovation (IGHI), Imperial College London

IGHI aims to transform health for all, and supports innovative policy development, bridging gaps between policymakers, academia, public and private sectors.

<https://www.imperial.ac.uk/global-health-innovation/>



## NECS

NECS was established in 2013 as part of NHS England. Our consultants and analysts have substantial experience across health, social care, and justice, worked globally and with other consultancies.

<https://www.necsu.nhs.uk/>



## NHS Consortium for Global Health

Provides a point of access to a range of UK health organisations, including NHS bodies, who between them make up technical expertise in the core health system building. Currently funded by the UK FCDO with processes in place to ensure that NHS resources are not distracted from their domestic healthcare responsibilities.

[ge@hee.nhs.uk](mailto:ge@hee.nhs.uk)



# 1

## Policy



NHS England and NHS Improvement



### NHS England/ Improvement (NHSEI)

NHSEI leads the NHS, sets strategic direction through the NHS Long Term Plan and funds key priorities for improvement. Provides advice on leadership development; Support Systems and more.

<https://www.england.nhs.uk/>

### NHS Genomic Medicine Service

The UK is a world leader in genomics. We enable the NHS to harness the power of genomic medicine and science to improve the health of our population.

<https://www.england.nhs.uk/genomics/nhs-genomic-med-service/>

### Options

Options is a global health consultancy driving transformational improvements that ensure that everyone can access the high-quality health services they need, without financial burden.

<https://options.co.uk/>

### Royal Papworth Hospital NHS Foundation Trust

A leading cardiothoracic hospital. We have built a reputation for providing outstanding consultancy for cardiothoracic disease and training solutions to international hospitals.

<https://royalpapworth.nhs.uk/>

**Other orgs: HEE, UKHSA, NICE, GMC, Office Health Promotion, Cell & Gene Catapult**

# 2

## Strategy

### Strategy

#### UK Expertise

**How? System and process design to improve quality and patient outcomes. Taking policy into implementation through building delivery capability.**

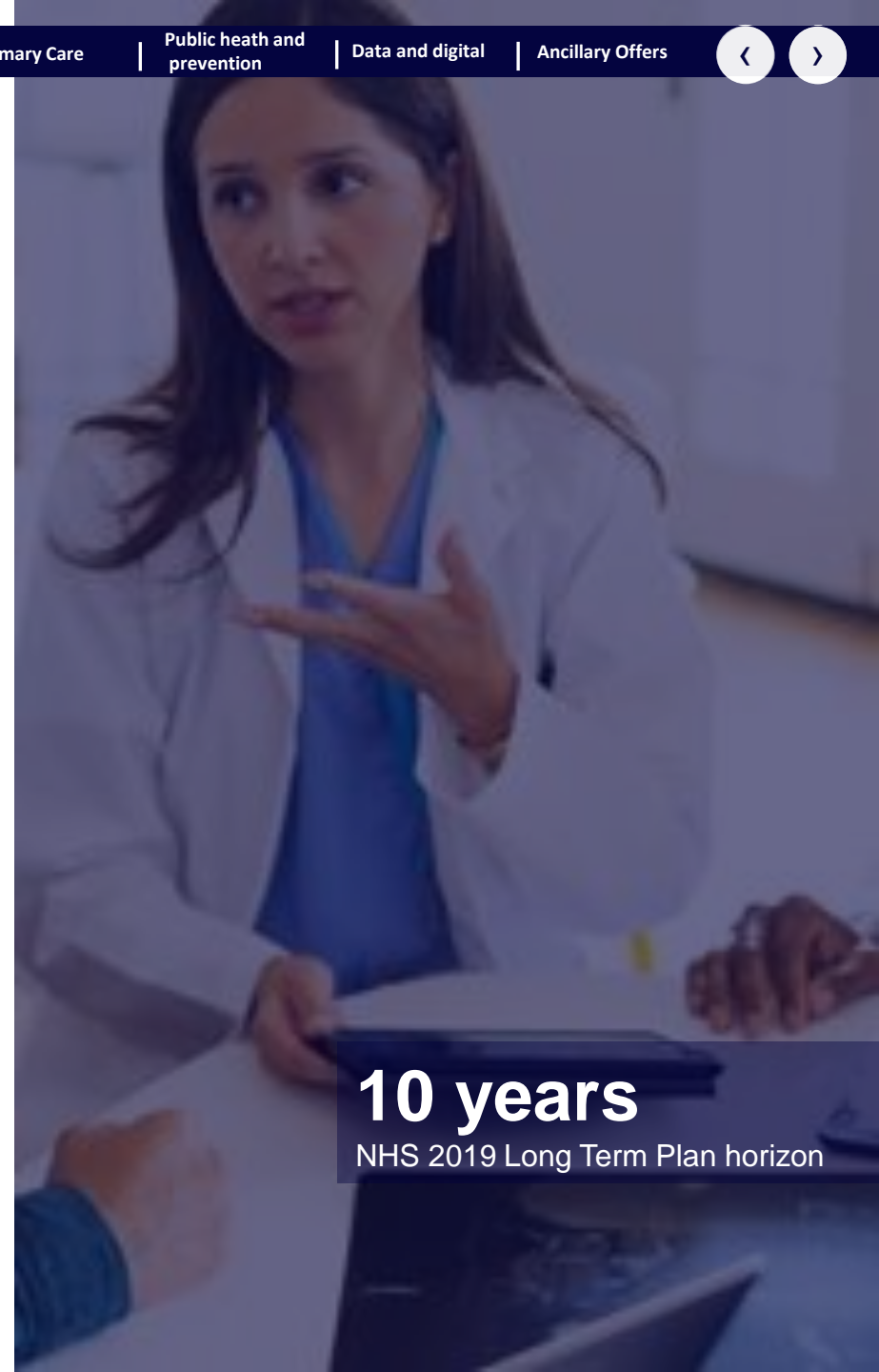
The NHS has a long track record in delivering world-class care to the UK population. Having a clear strategy nationally is key to ensuring that all elements work together to deliver clear objectives.

#### Global Offer

The NHS and the UK Private sector have a number of organisations that deliver component parts including:

- Leadership and management development to improve health system performance and delivery.
- Consultancy services to deliver integrated care and transformation between primary and secondary care and population health management.
- Business support and delivery of HR, finance, IT and data management.
- Consultancy for quality improvement, patient safety and incident recording.

We can help you to develop a clear and comprehensive strategy for your healthcare system that will help you to deliver a comprehensive prevention agenda or the most appropriate care, to the right patients at the right time.



**10 years**  
NHS 2019 Long Term Plan horizon

# 2

## Strategy

### Agencia

Agencia has been transforming health and social care organisations for almost 25 years. We offer solutions to major healthcare challenges, including redesigning, implementing and delivering new services.

<https://agencialtd.com/>



### Alder Hey Children’s Hospital

Alder Hey recognizes the necessity to share our expertise with other healthcare organisations across the globe and provide consultancy and support in range of areas of interest.

<https://alderhey.nhs.uk/>



### Capita

With over 27 years of experience, spanning more than 400 healthcare organisations, and recording in excess of 100 million successful patient interactions globally to date, Capita Healthcare Decisions empowers healthcare providers in delivering high quality patient outcomes in a sustainable and long-term manner. Our unrivalled expertise, trusted technology, and industry-leading partnerships have led us to creating best-in-class Clinical Decision Support solutions. We are unique in providing one integrated package, owning all accountability for a better client and patient experience.

<https://capitahealthcaredecisions.com/>



### Carnall Farrar

We are a management consultancy and analytics company dedicated to improving health and care. We partner with health, care, pharma and life sciences organisations to deliver and sustain effective change.

<https://www.carnallfarrar.com/>



### ETL

Our dedicated team can offer the full spectrum of healthcare planning from our team of experts with backgrounds in architecture, clinical, finance, health services operational management, and informatics.

<https://www.etl.co.uk/>





# 2

## Strategy

**Other orgs: NHS Leadership Academy, HEE, UKHSA, CSUs**



### Guy's and St Thomas' NHS Foundation Trust

One of the largest, most clinically comprehensive and high-quality NHS foundation trusts in the United Kingdom. We use our excellence in clinical services, education and research as the basis on everything from consultancy services to long-term partnerships. <https://www.guysandstthomas.nhs.uk/Home.aspx>



### Iqarus

Iqarus core mission is as an enabler and force multiplier for organisations engaged in development missions globally. Iqarus projects the highest standards of medical care into the world's most challenging and difficult operating environments – whether building capacity through training and mentoring programmes, supporting complex medical supply requirements, or delivering comprehensive turnkey solutions, with our own medical staff, clinical governance regime, infrastructure, and logistical capabilities". <https://www.iqarus.com/>



### Mott Macdonald

Our advisors help governments and organisations think through health systems – from the wider determinants of health through to the delivery of care in healthcare facilities – to create health systems that incorporate climate and pandemic resilience, digital innovation and social outcomes at the heart of what we do. <https://www.mottmac.com/health>



### NHS Commissioning Support Units (CSUs)

Delivering a range of managed services, consultancy and a variety of digital support and products to NHS. We bring the best of commercial disciplines and know-how combined with the NHS ethos to tackle health care challenges at all levels. <https://www.england.nhs.uk/commissioning/>

### NHS Supply Chain

NHS Supply Chain manages the sourcing, warehousing and delivery of healthcare products, services and food for NHS trusts and healthcare organisations across England. <https://www.supplychain.nhs.uk/>



### NHS Transformation Unit (TU)

TU is an NHS-based consultancy specialising in redesign and transformation of healthcare services. We work to deliver clinically led change, improving patient experience, health outcomes and creating sustainable, resilient services. <https://transformationunitgm.nhs.uk/>



### Strategic Health Planning

We are a team of specialist healthcare planners with unrivalled experience and expertise in the planning and development of healthcare services and facilities. <https://www.shp-uk.com/>



# 3

## Regulation & Clinical Guidelines

### Regulation & Clinical Guidelines

#### UK Expertise

**How? System and process design to improve quality and patient outcomes. Taking policy into implementation through building delivery capability.**

The NHS has a long track record in delivering world-class care to the UK population. Having a clear strategy nationally is key to ensuring that all elements work together to deliver clear objectives.

#### Global Offer

**We use our experience of promoting evidence-based decision-making in the UK's NHS to help countries to:**

- Allocate health and social care resources in a cost-effective and evidence-based way, to improve quality of care and reduce variation of access. Typical projects include:
- Guidelines adaptation and contextualisation to local settings
- Development of quality standards, indicators and pathways of care
- Improvement of patient safety through openness, learning, regulation and monitoring

**Develop a system for health and social care priority setting, and introduce evidence-based decision-making for reimbursement. Typical projects include:**

- Support with developing health technology evaluation methods and processes development
- Capability building
- Setting up committees that include public and patients, and stakeholder management programmes



**70+**  
 Years of experience and expertise of the NHS designing, delivering and innovating care



**Care Quality Commission (CQC)**

The CQC ensures care services in England provide people with safe, effective and high-quality care to encourage improvement. CQC have delivered international work via visits between international partners, incorporating presentations, workshops and facility visits. <https://www.cqc.org.uk/>



**Christie International**

The largest radiotherapy provider within the NHS and across Europe and is one of only two cancer centres worldwide to offer treatments using an MR-linear accelerator and high energy proton beam therapy (PBT). The Christie School of Oncology is unique as an educational institute within the NHS. <https://www.christie.nhs.uk/about-us/about-the-christie/the-christie-international>

**General Medical Council**

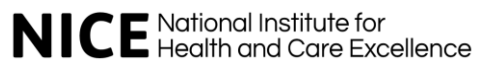
**General Medical Council Services International (GMCSI)**

World-leading experience of regulation across all phases of doctors' education and careers. GMCSI is uniquely placed to deliver tailored solutions for regulatory challenges. <https://www.gmc-uk.org/about/what-we-do-and-why/consultancy-and-advisory-services>



**National Institute for Health Research (NIHR)**

NIHR is a unique resource for the global life sciences industry. We provide fast and easy access to the UK's clinical research infrastructure, expert investigators, and cutting-edge technologies and tools to support collaborative research. <https://www.nihr.ac.uk>

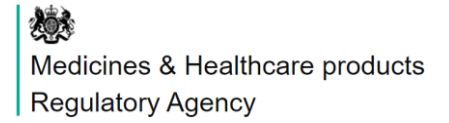


**NICE International**

NICE defines the value of medicines and technologies for the UK health and care system and sets best practice standards of care through production of evidence-based guidelines. NICE also provides an international advisory service to health organisations, ministries, and government agencies, aimed at supporting them to make better and more cost-effective health and care decisions, improve care quality and reduce variation in access to care. <https://www.nice.org.uk/about/what-we-do/nice-international>

**Medicines and Healthcare products Regulatory Agency (MHRA): :**

Recognised globally as an authority in its field, MHRA plays a leading role in protecting and improving public health and supports innovation through scientific research and development. <https://www.gov.uk/government/organisations/medicines-and-healthcare-products-regulatory-agency/>



**RELX/Elsevier**

We want to make analysis easier for everyone in science and medicine, enabling them to manage their work more efficiently and spend more time making breakthroughs. <https://www.relx.com/>



**The Tavistock and Portman NHS Foundation Trust**

For 100 years the Tavistock has been at the forefront of development in mental health theory and practice. Specialisms include child observation often referred to as the "Tavistock Method," The Tavistock has many global partnerships. <https://tavistockandportman.nhs.uk/>



# 4

## Workforce development

### Workforce development

#### UK Expertise

**How? National Strategy & specialist training programmes to build a world class workforce. Ensuring workforce coverage and availability of specialist and management training programmes.**

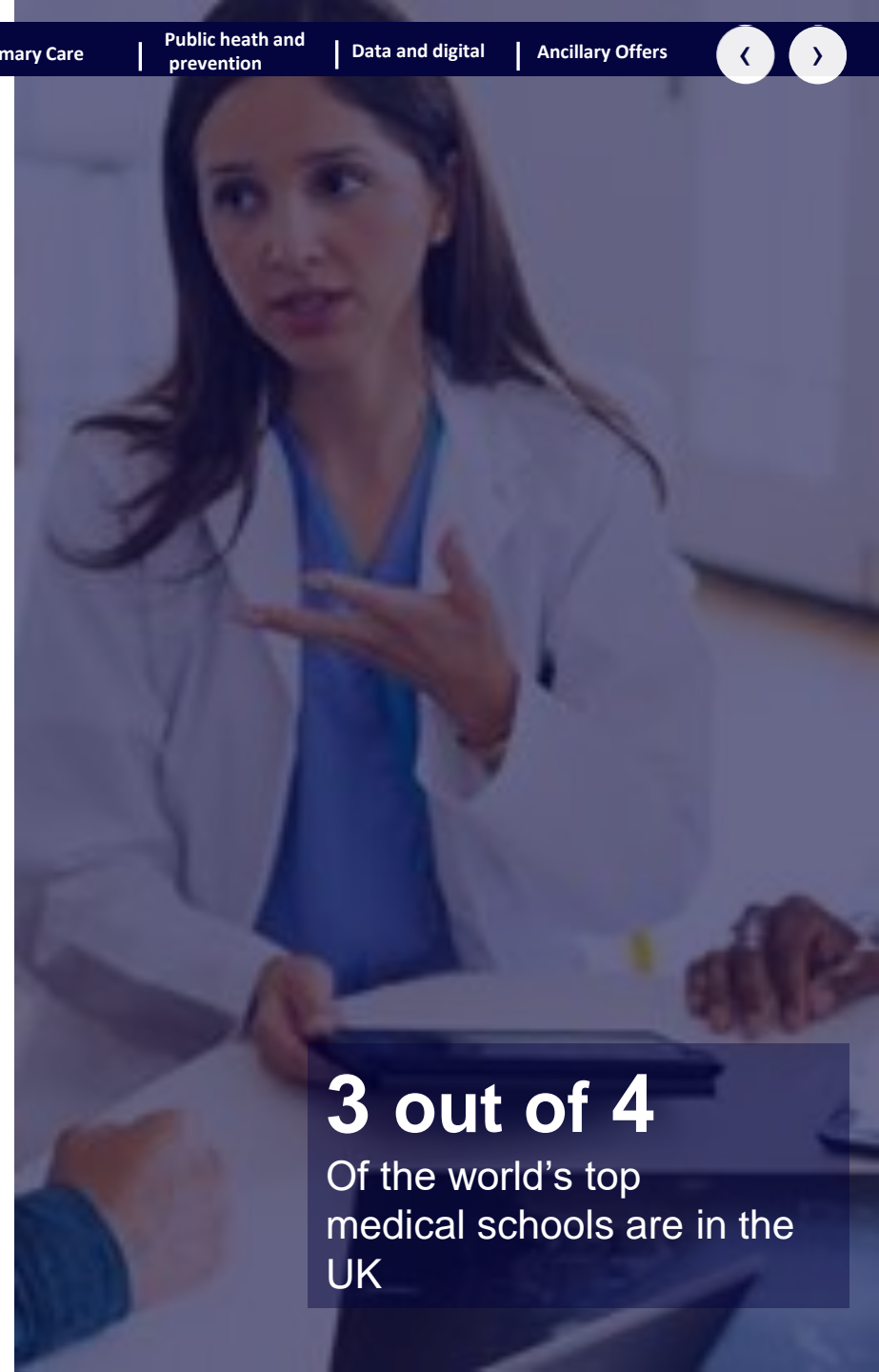
The most important resource that the NHS has is its people. At any one time we have approximately 160,000 students studying to become one of over 300 different types of jobs performed by more than one million people in the NHS, including doctors, nurses, midwives, paramedics, physiotherapists.

#### Global Offer

**Maintaining world class professional standards and driving leadership development are help components to the excellence of the UK system**

**We are able to provide:**

- Guidance on national workforce strategy
- Development of health partnerships to support training and development of clinicians with partner countries – to enable expansion of UHC
- Advisory support and introduction of specialist clinical education and training services
- Consultancy for workforce strategy and development
- Global learners – placement services in the NHS to help build clinical expertise



**3 out of 4**  
Of the world's top  
medical schools are in the  
UK



# 4

## Workforce development

### Workforce development

#### Health Education England (HEE)

HEE provides Technical Collaboration & Consultancy Services focused on Human Resources for Health (HRH) as part of our capability-building partnerships. These services specialise in provide access to NHS expertise for system-to-system knowledge exchange; in-depth strategic analysis and advice, and long-term implementation for programmes. <https://global.hee.nhs.uk/> [TCC@hee.nhs.uk](mailto:TCC@hee.nhs.uk)



#### King's Commercial

From healthcare staff recruitment, clinical service and facility set-up, quality assurance and the provision of education and training, we can provide a bespoke package of services to meet your needs. <https://www.kchcommercial.com/>



#### Medics.Academy

Medics.Academy uses technology to create innovative, high quality, scalable healthcare training programmes. <https://www.medics.academy/>



#### National Horizons Centre (NHC)

Centre of excellence for the global biosciences and healthcare sector. NHC was founded to discover diseases early, develop new treatments, and deliver life changing medicines to those in need, quickly, safely and affordably. <https://www.tees.ac.uk/minisites/nhc/about.cfm>



# 4

## Workforce development

### Workforce development



#### NHS Leadership Academy

The statutory organisation providing leadership development, lifelong learning and talent management to the NHS. We hope to work with you to increase leadership capabilities and develop your own sustainable development capacity.

<https://www.leadershipacademy.nhs.uk/>



#### Patchwork

Patchwork Health is solving the global healthcare staffing crisis by transforming flexible working in healthcare; giving health workers and employers greater empowerment, flexibility and control over how they work.

<https://www.patchwork.health/>



#### Royal College of General Practitioners (RCGP)

RCGP is the largest UK medical royal college. Services and products globally, include capacity building work; training of trainers; professional development; training needs analysis; international accreditation; and consultation skills.

<https://www.rcgp.org.uk/>



#### THET

For over 30 years, THET has delivered large-scale health systems strengthening and health workforce capacity development programmes in low- and middle-income countries. Working closely with Ministries of Health and in partnership with UK and overseas health institutions, we respond to local and national priorities by forging cross-sectoral partnerships, providing training and mentoring, facilitating knowledge exchange, and offering thought leadership and project management expertise.

<https://www.thet.org/>



#### Xytal

Xytal is a leading healthcare consulting firm. We blend our detailed knowledge and experience of healthcare services and processes, using tested strategies from the research and private sectors.

<https://www.xytal.com/>

**Other orgs: Primary Care International, General Medical Council Services International**

# 5

## Innovation

4<sup>th</sup>

UK Position in the Global Innovation Index in 2019

## Innovation

### UK Expertise

**How? Systems, processes, services and products which change and improve the way we design and deliver care. Supporting the development of cultures and systems that evolve to meet new challenges facing healthcare systems and biomedical advances.**

The UK's ecosystem encourages innovation through robust partnership working, strong science base, comfortable business environment and the NHS system itself.

Industry, academia, government, the NHS, and charity health funders have co-designed the future of the sector with a shared vision and continued partnership working in the sector. Leading universities, a skilled workforce and a track record in delivering Nobel Prize winning science. The UK also has The award-winning NHS Innovation Accelerator, or NIA, which supports uptake and spread of promising, impactful innovations across England's NHS.

The NHS Accelerated Access Collaborative is a great example of bringing together industry, government, regulators, patients and the NHS to remove barriers and accelerate the introduction of ground-breaking new treatments and diagnostics which can transform care.

### Global Offer

**The NHS has a long history of being at the forefront of developing innovative new treatments to improve patient care and outcomes.** Innovation is a key element of the 2019 NHS Long Term Plan. Patients benefit enormously from research and innovation, with breakthroughs enabling prevention of ill-health, earlier diagnosis, more effective treatments, better outcomes and faster recovery. Innovations created through the NHS can be shared with overseas partners and adapted to their local contexts . The NHS accelerates innovation that can be shared to help overseas partners to understand the creation of a national innovation infrastructure.

The NHS and UK Private sector are able to provide:

- Strategy support for the creation of a national innovation infrastructure
- Consultancy on development of national and local strategies to foster innovation and encourage diffusion
- Genomics services – genomics sequencing services, research and development collaborations and personalised medicine services – embedding genomics into Primary care – counselling services
- Consultancy to support creation of sustainable healthcare systems – carbon neutral health services
- Turning research into clinical breakthroughs

# 5

## Innovation

### Innovation

#### Academic Health Science Networks (AHSN Network)

We are the only national network of health innovation specialists in the world. We are catalysts for innovation, our skills lie in helping facilitate change across whole health and social care economies – to improve health, drive down the cost of care and stimulate economic growth.

<https://www.ahsnnetwork.com/>



#### Cell & Gene Therapy Catapult

The Cell and Gene Therapy Catapult is an independent centre of excellence to advance the growth of the UK cell and gene therapy industry, bridging the gap between scientific research and commercialisation. The catapult already collaborates with dozens of international companies.

<https://ct.catapult.org.uk/>



#### CPI's Medicines Manufacturing Innovation Centre (MMIC)

Ensures the UK is a technology and innovation leader in pharmaceutical manufacturing by allowing new technologies to be proven at scale in a GMP-capable environment. With a collaborative innovation culture and state-of-the-art facilities, enabling industry, academia, healthcare providers and regulators to work collaboratively on challenges and opportunities within the medicines supply chain.

<https://www.uk-cpi.com/about/national-centres/medicines-manufacturing-innovation-centre>



#### CPI's National Biologics Manufacturing Centre (NBMC)

CPI's National Biologics Manufacturing centre provides the facilities and extensive expertise to bridge the gap between academia and business, helping to turn great ideas into commercial reality. The centre supports the design, development, optimisation and demonstration of bespoke manufacturing processes for a wide range of biopharmaceutical products.

<https://www.uk-cpi.com/about/national-centres/national-biologics-manufacturing-centre>



#### Genomics England Ltd (GEL)

Genomics England works with the NHS to bring forward the use of genomic healthcare and research to help people live longer, healthier lives. It was launched by the UK's Department of Health and Social Care in 2013 to deliver the 100,000 Genomes Project, a ground-breaking initiative.

<https://www.genomicsengland.co.uk/>





# 5

## Innovation

### Innovation



#### Innovate UK

Innovate UK helps innovative UK businesses grow and scale globally, helping them access knowledge and expertise in other countries, develop new partnerships and explore international opportunities. Innovate UK’s international programmes help global businesses as well. <https://www.gov.uk/government/organisations/innovate-uk>



#### Medicines Discovery Catapult

The Medicines Discovery Catapult supports the transformation of scientific research into commercial opportunities in the UK medicines industry. Offers internationally include consultancy, workshops, and embedding staff internationally. <https://md.catapult.org.uk/>



#### National Institute for Health Research (NIHR)

The National Institute for Health Research (NIHR) Clinical Research Network (CRN) is funded by the UK government to work in partnership with the UK’s National Health Service (NHS) to deliver high quality clinical research. At the core of this success is the Study Support Service which helps researchers and the life sciences industry plan, set up and deliver high quality research to time and target. <https://www.nihr.ac.uk/>



#### NHS Digital

NHS Digital is the national digital, data and technology delivery partner for the NHS and social care system. The support which NHS Digital provides for international engagement predominantly takes the form of services including reviews, workshops, learning sessions, and knowledge exchange. <https://digital.nhs.uk/>



#### The Vaccines Manufacturing and Innovation Centre (VMIC)

VMIC promotes, develops and accelerates the growth of the UK vaccine industry, through collaboration with the academic sector and SMEs. VMIC provides expertise in process development and manufacturing. <https://www.vmicuk.com/>

# 6

## Primary care

### Primary Care

#### UK Expertise

**How? The foundations of UHC: The UK’s Primary care organisations and their supporting healthcare partners are ready for successful partnerships through consultancy, advisory, design and workforce development.**

The UK is known around the world for the quality of its Primary care and its availability without cost to all citizens. The General Practitioner (the family doctor) and their team is the most commonly used access point where 9 out of 10 healthcare contacts are made. Primary care in the UK is the central part of an integrated system which provides continuity and co-ordination whilst acting as the gatekeeper for access to specialist hospital care.

#### Global Offer

Internationally, the availability of Primary care is associated with:

- Better patient experience
- Lower health service utilisation and lower costs
- Lower five-year mortality rates
- Better clinical outcomes

**The UK provides Primary care that is the first point of access into the healthcare system. It is often seen as a gatekeeper.**

We can help with:

- Supporting the development of Primary care services through consulting and advisory services for efficient systems.
- Training Primary care clinicians through established, world leading training providing.
- Support on delivering policy and regulatory systems to ensure quality outcomes through National NHS bodies.
- Advisory support to continually improve services through new care models and service transformation.
- Market studies and planning to shape future planning.
- Primary care facility design.
- Primary care Health and Wellbeing Programmes to Reduce Illness.
- Specialist Primary care technology systems.



# 6

## Primary care

### Primary Care

#### AT Medics

AT Group is one of the UK’s largest digital primary care provider to the NHS, led by a group of high performing physicians and digital health experts. Our award-winning platform consists of three areas of expertise: world-class care delivery system; Integrated health tech; training programmes.

<https://www.atmedics.com/>



#### Clarity

Clarity Informatics, now part of Agilio Software is one the UK’s leading IT healthcare solution providers. Over 450,000 healthcare professionals use Clarity’s diagnosis and treatment guidance tool monthly.

<https://clarity.co.uk/>



#### Haxby Group

Haxby Group is a community-based healthcare organisation, with general practice at its heart. Services include: System Support; Analysing Requirements; Workforce Design; Workforce Delivery Design; Training Courses; Support and Learning Groups.

<https://www.haxbygroup.co.uk/>



#### Modality

Modality Partnership is an award-winning GP super-partnership operating primary care and community outpatient services and health research. We work together to find new, innovative solutions that will provide high quality, excellent care for all.

<https://www.modalitypartnership.nhs.uk/>



Other orgs: Xytal, Royal College of General Practitioners, CSUs, NHS BSA

# 6

## Primary care

### Primary Care



#### Northumbria Integrated Consultancy Limited (NIC)

NIC supports international customers to design, deliver and quality assure health and care systems to UK standards based on evidence and best. hosted by Northumberland County Council, one of the UK's most innovative integrated care providers.

<https://www.northumbria.nhs.uk/about-us/international-expertise/#b045a615>



#### Primary Care Direct

Primary Care Direct is leading the way in providing expertise and practical implementation support to GP Practices, pharmacies and dental practices. Our services include: Project Management, Capacity Support, Change Management, Leadership Development, Wellbeing, Workforce, Inspections, Digital, Estates, Governance and Training.

[www.primarycaredirect.co.uk](http://www.primarycaredirect.co.uk)



#### Primary Care International

Primary Care International (PCI) is one of the UK's leading providers of medical education in primary care. PCI helps healthcare providers increase quality and manage costs by bridging the gap between theory and practice.

<https://pci-360.com/>



#### Spirit Healthcare

Spirit Digital makes primary healthcare provision smarter, safer and more efficient by connecting patients with their clinicians remotely – saving clinician time, reducing travel, and supporting patient self-management.

<https://www.spirit-health.co.uk/>



#### University of Birmingham

The Institute of Applied Health Research focuses on population health and primary care research, evaluation and methodology.

<https://www.birmingham.ac.uk/research/primary-care-improvement/index.aspx>

# 7

## Public Health and Prevention

### Public Health and Prevention

#### UK Expertise

**How?** Services and interventions to prevent noncommunicable diseases and other life-threatening illnesses. Public health is about helping people to stay healthy and protecting them from threats to their health.

The NHS Long Term Plan aims to support people to live longer, healthier lives by helping them to make healthier lifestyle choices and treating illness at an early stage.

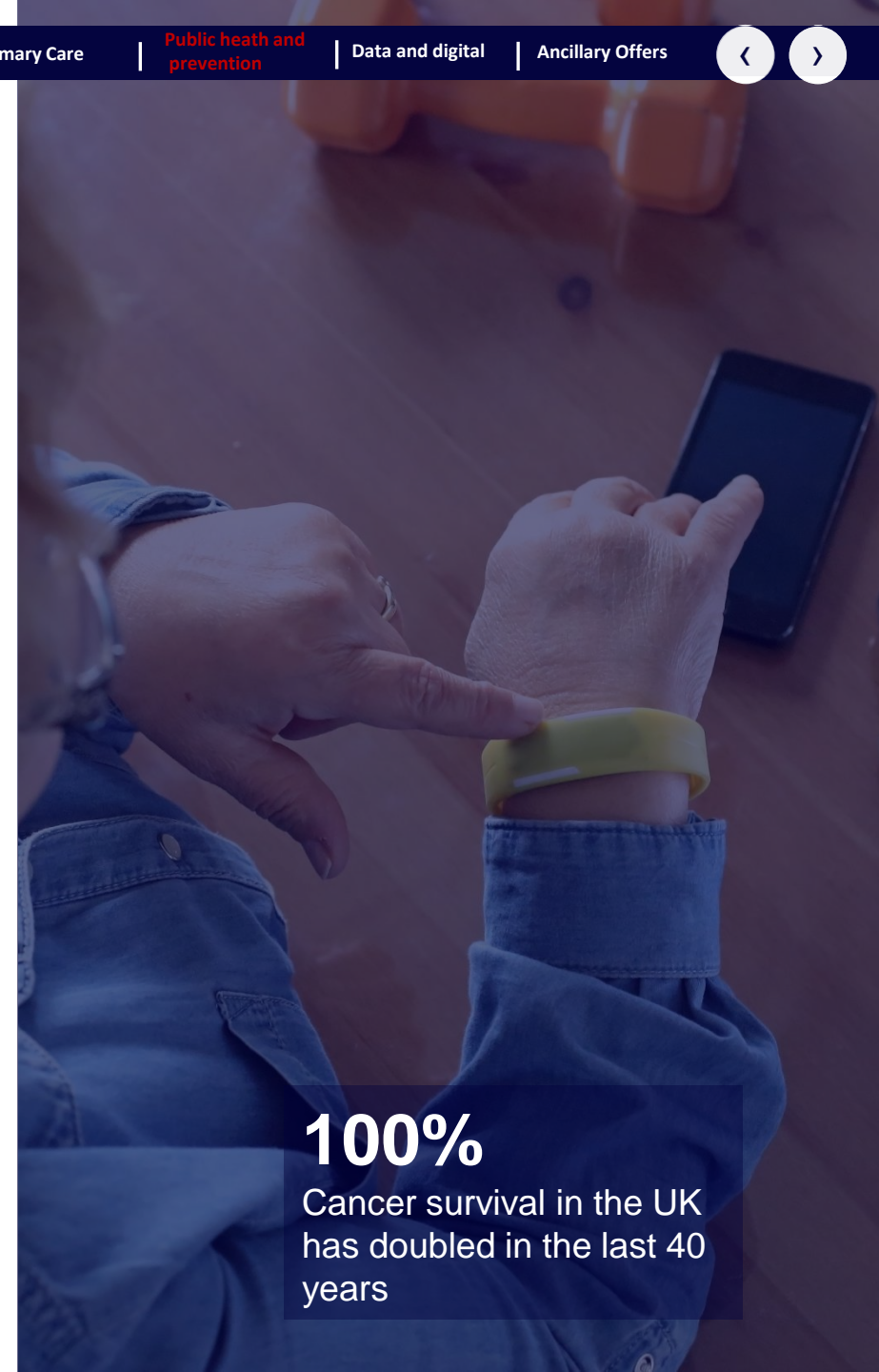
#### Global Offer

The NHS Long Term Plan has a strong focus on the treatment and prevention of illness by supporting patients to adopt improved healthy behaviours. This will both help people to live longer, have healthier lives, and reduce the demand for and delays in treatment and care.

This includes targeting, improving and reducing the burden of Noncommunicable Diseases (NCDs) from cancer, to diabetes and mental health to cardiac services.

#### UK services can provide:

- Introduction of national and local systems to improve population health, prevent disease and reduce the burden of disease for individuals and economies.
- Consultancy to support the introduction of national technical assistance bodies.
- Strategies to support public health protection and improvement interventions.
- Advisory support for managing improvements in population health.
- Delivery of screening services to prevent and manage NCDs, physical and mental health.



**100%**

Cancer survival in the UK has doubled in the last 40 years



# 7

## Public Health and Prevention

### Public Health and Prevention

#### UK Health Security Agency (UKHSA)

On 1 April the new UK Health Security Agency (UKHSA), an Executive Agency to the Department for Health and Social Care, was formally established with a global-to-local reach to protect the health of the nation from infectious diseases and other external threats to health by combining leading-edge science and analytics, insightful planning and responsive operational excellence.

<https://www.gov.uk/government/organisations/uk-health-security-agency>



UK Health  
Security  
Agency

#### Office for Health Improvement & Disparities (OHID)

OHID, part of Department for Health and Social Care, focuses on improving the nation's health so that everyone can expect to live more years in good health, and on levelling up health disparities to break the link between background and prospects for a healthy life.

<https://www.gov.uk/government/news/new-office-for-health-promotion-to-drive-improvement-of-nations-health>



Office for Health  
Improvement  
& Disparities

#### Outcome Based Healthcare (OBH)

OBH support commissioners and providers through technology, using integrated health and care data to derive accurate and meaningful insights about population segments, outcomes, and support service transformation.

<https://outcomesbasedhealthcare.com/>

outcomesbasedhealthcare

#### Royal Society for Public Health (RSPH)

RSPH is an independent campaigning and educational charity dedicated to improving and protecting the health of people. We work on an international platform, connecting thousands of members from around the world and delivering policy and projects which stimulate global debate.

<https://www.rcpch.ac.uk/>





## Data and Digital

### Data and Digital UK Expertise

How? support the use of data and digital interventions to improve patient outcomes. Using technology to transform health services to improve clinical outcomes and increase access to services and patient self-management.

The UK is uniquely placed to realise the potential of data and digital in healthcare, including access to at scale data in the NHS, real world evidence and novel applications. This is supported by an ambitious culture and continuously improving system for innovation underpinned by world leading talent.

NHSx is a new joint unit to combine talent in industry, government and NHS to drive the benefits of modern technology to every patient and clinician. It brings together for the first time the policy implementation and change levers across the entire NHS and others to build world class digital services and improve care for patients.



# 1 in 4

UK companies featured on the 2020 Global Digital Health 100 list

### Global Offer

The NHS's strategy—the Five-Year Forward View—puts **patient empowerment and digital technology** at the heart of responding to the pressures on the system.

It goes for a whole system approach to transformation in everything we do in healthcare. We want faster, better quality, safer, innovative and better-informed patients.

The UK is already home to world leading health tech companies and has pioneered innovative healthcare in a number of areas.

But the UK also has a lot of experience in supporting digital transformation and tying technology to improve patient outcomes.

#### UK organisations can provide:

- Advisory support to develop nationwide, regional and local digital health strategies.
- Policy support for using data for research, service planning and direct care.
- Consultancy support for implanting digital health systems – electronic patient records.
- Transformation of health services through technology – remote monitoring.
- Designing innovations to support screening and self-management of disease.



## Data and Digital



### AdviseInc

AdviseInc's mission is to MakeSense of healthcare spend data. We identify significant financial benefits for healthcare systems by joining our award winning analytical solutions with artificial intelligence and commercial / clinical expertise. <https://www.adviseinc.co.uk/>



### BJSS

BJSS is a leading technology and engineering consultancy. We collaborate closely with healthcare clients, designing and deploying technology and data solutions for healthcare professionals. <https://www.bjss.com/>



### Congenica

Congenica is a digital health company that empowers health professionals to transform the health and wellness of people around the world, guided by genomic information. <https://www.congenica.com/>



### Difrent

We are pioneering healthcare transformation specialists using data, technology, and user-centered design to empower the sector. We focus on understanding the complex problems that healthcare systems face, their strategic goals, and the needs of the people they affect. <https://difrent.co.uk/>

### Great Ormond Street Hospital for Children

Great Ormond Street Hospital is one of Europe's leading digital hospitals by being the first hospital in Europe to achieve HIMSS Stage 6 and the first Hospital in the UK to achieve HIMSS Stage 7 for Outpatients. We offer consultancy expertise in variety of digital areas. <https://www.gosh.nhs.uk/>



### Inavya (Avatr)

AVATR is a medical-grade smartphone technology that enables a patient to create/own/share their digital self to receive personalised healthcare outside of hospital. <https://www.avatr.ai>



### Methods Analytics

Methods Analytics is a whole lifecycle data services company. We combine passionate people, sector specific insight and technical excellence to provide an end-to-end data service. Our outputs are transparent, robust and transformative. <https://methodsanalytics.co.uk/>



### Organisation for the Review of Care and Health Apps (ORCHA)

ORCHA is unique in the world. It reviews and distributes health apps, testing each against 350+ tough digital health measures and arming health and care professionals with accurate prescription tools. Its mission is to ensure health services can deliver safe, effective health to their populations. <https://orchahealth.com/>





Data and Digital

# Data and Digital



## RL Datix

RLDatix is on a mission to change healthcare. We help organisations drive safer, more efficient care by providing governance, risk and compliance tools that drive overall improvement and safety. <https://www.rldatix.com/en-nam>

Royal Brompton and Harefield hospitals

## Royal Brompton & Harefield hospitals

Royal Brompton & Harefield hospitals are known throughout the world for their expertise, standards of care and research success. The team hold substantial expertise in genetic analysis and reporting, with current bioinformatics pipelines tuned to specialist cardiac and respiratory testing. <https://www.rbht.nhs.uk/>



## Tektology

We align the physical, social and technological elements of health and wellness to deliver exceptional human experiences. We understand that the changes faced by governments, enterprise large and small and people in every country of the world. <https://tektology.co/>



## Templar Execs

Templar Executives provide a suite of specialist cyber security services for Healthcare providers. We focus support on people, process and technology to embed security in your organisation as part of the patient journey. <https://templarexecs.com/about-us/>

## Vita Healthcare Solutions

Our approach involves careful matching of system needs to the offers of innovators so decisions to collaborate are 'de-risked'. We also simplify language and ensure capital investment can flow to the innovations that require it to flourish and gain adoption. Vita are experts in identifying and removing barriers so health systems can adopt and accelerate the right innovation. <https://www.vitahealthcaresolutions.com/>



## XyCare

XyCare's core experience and capabilities supports Healthcare organisations to develop, transform and integrate systems underpinned by a suit of digital solutions which ultimate enhance the patient journey. <http://www.xycaresolutions.com/>





# 9

## Ancillary offers

### Pandemic Response

- The COVID-19 pandemic showed the UK at the forefront of innovations and capabilities in pandemic preparedness.
- This is demonstrated with the 2021 UK G7 Presidency in leveraging the UK’s global leadership in life sciences, innovation, trade and public health to unite partners to help the world fight and build back better from coronavirus and create a greener, more prosperous future.
- The strength of our pandemic response is credit to our rapid and effective cross-government collaboration bringing together unprecedented efforts, resources and close engagement with industry and academia.
- Areas that the UK can provide support for the health system include:
  - Vaccines Deployment strategy
  - Research and development opportunities
  - National surveillance & rapid response (i.e. National Variant Assessment Platform)
  - National management immunisation services
  - Other services to manage continuity, workforce and long COVID

### NHS South, Central and West

CSU’s have been instrumental in delivering rapid response solutions to the COVID-19 pandemic, working to support all parts of the health and social care system in England. One part of this response was through the national **Immunisation Management Service**, which supports the NHS enhanced winter flu programme and the national COVID-19 vaccination programme, supporting and optimising the uptake of vaccinations for the nation. <https://www.scwcsu.nhs.uk/about/about-us>

### Diamond Light Source

Diamond Light Source is the UK’s national synchrotron and helped resolve the initial SARS CoV-2 virus as well as other major findings shared with the world notably on immune responses to new variants. The facility’s C-19 research programme has supported more than 60 international collaborations contributing to drug development. <https://www.diamond.ac.uk/Home/About.html>

**Other orgs:**  
Mott MacDonald, UKHSA, Kings College Hospital NHS Foundation Trust, Great Ormond Street Hospital, UCL Hospitals NHS Foundation Trust, Adviselnc

# 51.8m

**COVID-19 Vaccines administered in the UK in 6 months (between December 2020 and May 2021)**



# 9

## Ancillary offers

### Sustainability & Climate change

- The health and care system in England is responsible for an estimated 4-5% of the country’s carbon footprint. The NHS has therefore committed to reaching net zero as soon as possible.
- The NHS became the first national health system to commit to become ‘carbon net zero’, backed by clear deliverables and milestones by 2040. The NHS has adopted a multilayer plan to become the world’s first carbon net zero system.
- The NHS is in a strong position with over a decade of expertise and progress in sustainable healthcare, and the knowledge that our staff support our response to climate change.
- Greener NHS is driven by their core vision: 'To deliver the world's first net zero health service and respond to climate change, improving health now and for future generations’. Examples include reducing the use of single-use plastics within Great Ormond Street Hospital, increasing usage of alternative surgical anesthesia (e.g., lower carbon alternative sevoflurane), and utilising zero-emission courier services.
- There are a range of NHS organisations that have innovative activities in this area that could be shared internationally

### Greener NHS

The Greener NHS programme will work with NHS staff, hospitals and our partners. They will build on the great work being done by trusts across the country, sharing ideas on how to reduce the impact on public health and the environment, save money and reach net carbon zero  
<https://www.england.nhs.uk/greenernhs/>

### Newcastle Hospitals NHS Foundation Trust

Newcastle Hospitals became the first healthcare organisation in the world to declare a climate emergency, recognising the threat that climate breakdown poses to public health, and committing to becoming carbon neutral by 2040. They developed the SHINE report that details what they plan to do in next steps towards net zero.  
<https://www.newcastle-hospitals.nhs.uk/>

Other orgs:  
 Mott MacDonald, Imperial College Healthcare NHS Trust, NHS Orkney, Community Health Partnerships, AHSNs

# 2040

NHS target year to reach net zero for emissions in their control (NHS carbon footprint)



# 9

## Ancillary offers

### Infrastructure

- Great infrastructure is the foundation for efficient healthcare. Nowhere is this more evident than the UK, where the excellence of our designers, planners and engineers underpins the success of our National Health Service.
- UK designers and deliverers of healthcare buildings have great experience of designing them efficiently in the context of the wider healthcare system
  - And relevant and economical new technologies which can facilitate remote diagnostics, monitoring and care.
  - And are attuned to the net zero agenda and the minimising of costs through the siting of facilities, the use of modern methods of construction, building information modelling, adaptable buildings and working with equipment manufacturers who are similarly committed.
  - And to designing and delivering facilities which meet the needs to prevent and control infection and are responsive to surge demand due to the pandemic or other causes.
- There are a range of UK organisations that take a “whole systems approach” and understand the intimate relationship between infrastructure and strengthening the health systems within which a building fits to deliver good patient outcomes. UK actors work with UK Export Finance (UKEF) to offer solutions which significantly reduce financing costs.

### Mott MacDonald

Our work in the health advisory sector responds to the following interconnected and overlapping themes:

- Adapting healthcare policy, services and facilities to emerging population needs and trends
  - Ensuring the best investment decisions with stretched resources.
  - Closing health inequalities and reaching the unreached.
  - System design and reconfiguration, maximizing digital innovation
  - Supporting delivery of quality services at scale.
  - Building resilience to climate and global health threats.
- <https://www.mottmac.com/>

### Yeme

Yeme Tech uses comprehensive analysis of existing activities, events and assets within communities to help identify opportunities for asset-based regeneration, social interaction and community wellbeing.

<http://www.yemearchitects.co.uk/about-us/>

Other orgs:  
ETL, Strategic Health Planning

## £10bn+

Capital value of 100 major healthcare projects over two decades in UK



# 9

## Ancillary offers

### Education & Training

- Matching the healthcare needs of growing, ageing populations with the right supply of trained health professionals is a global challenge. As the world’s largest integrated healthcare system, the UK National Health Service (NHS) is tackling this by developing world-renowned education and training programmes to deliver the health professionals needed to meet demand today and in the future.
- The UK’s leading medical education and training programmes produce world-class doctors, nurses, medical scientists and managers.
- Drawing on the UK’s global reputation as a healthcare leader, the UK education and training sector is well-positioned to provide the following:
  - Multidisciplinary clinical education & training
  - Healthcare leadership & management training
  - Consultancy & advisory services
  - Bespoke education & training
- The UK’s international healthcare education and training offer a wide range of colleges, universities, Royal Colleges, NHS Trusts, private and public providers. It can be delivered internationally or in-country via a number of training models ranging from in-country continuing professional development, UK-based courses, online and blended learning models.

### Great Ormond Street Hospital

The Great Ormond Street Hospital Learning Academy (GLA) vision is to be the first choice for multi-professional paediatric healthcare education, training and development for the whole workforce. Key to our success is our multi-professional approach and commitment to support specialist education, training and development. <https://www.gosh.nhs.uk/>

### King's College Hospital NHS Foundation Trust

King’s is a key partner in one of London’s foremost Academic Health Science Centres: King’s Health Partners. King’s Health Partners is one of only six Department of Health-designated AHSCs in England. It brings together a world-leading research-led university – King’s College London – and three successful NHS Foundation Trusts: Guy’s and St Thomas’, King’s College Hospital and South London and Maudsley. This puts King’s College Hospital in a great position in being able to offer a wide range of bespoke training programmes for staff at all levels which will contribute to improving quality of practice and patient care. <https://www.kch.nhs.uk/>

40+

Number of medical schools in the UK



Department for  
International Trade



To find out how you can draw on UK expertise to extend, improve and transform healthcare provision in your country, contact DIT below:

Email: [healthcare.uk@trade.gov.uk](mailto:healthcare.uk@trade.gov.uk)

Visit: <https://www.great.gov.uk/international/content/about-uk/industries/health-and-life-sciences/>