NHS England

Innovation Road Map to support organisations

September 2015
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This Road Map provides an overview of organisations, groups and teams that support innovation, innovators and entrepreneurs and highlights how they can get support for their ideas & innovations that support priorities in the *Five Year Forward View*.

The organisations, groups and teams outlined in this document provide unique and specialised support in a range of areas from clinical and technical advice, funding for pre commercial development through to implementation advice.

The *Five Year Forward View* (5YFV) was published in October 2014 setting out a clear vision for the future of health and social care in England.

We all need to work differently to build on the innovation we have seen within health and social care in recent years and NHS England is supporting and promoting innovation within the NHS and highlights the need to harness the opportunities offered by science, technology and innovative approaches to service delivery, to improve patient outcomes and efficiency.

NHS England is working to accelerate the adoption of innovation in the NHS, including adoption of cost effective and affordable new treatments and diagnostics and combining different technologies and new ways of working in order to transform the delivery of care as well as strengthen our position as a global leader in a growing part of the world economy.
About this Road Map

What this Road Map is

- A reference point for information about the organisations, groups and teams that support innovation at a local and national level.

- The Road Map is intended to signpost users to the most appropriate support by identifying organisations which can provide help in progressing an innovation through its development journey.

- It identifies the kinds of support that these organisations can offer (in general terms) to transformational priorities of the *Five Year Forward View*.

- It is updated periodically to reflect any changes in the landscape. An electronic version of the map can be found on the NHS England Innovation Portal, see: [http://www.innovation.england.nhs.uk/](http://www.innovation.england.nhs.uk/)

What the Road Map isn’t

- A list of all the NHS England programmes supporting innovation
Using the Road Map

There are a number of organisations which can support innovations at each stage of the innovation pipeline.

The Road Map details

1. NHS England’s commitment to innovation and provides details of the support programmes it leads.
2. Provides details of organisations in each of NHS England’s regions
3. Provides details of national support organisations who provide support and funding
4. The table below provides details to the key support organisations and the support available although the list is not exhaustive:

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<td>Association of the British Pharmaceutical Industry (ABPI)</td>
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<td>The British In Vitro Diagnostics Association (BIVDA)</td>
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<td>Innovate UK (formerly Technology Strategy Board)</td>
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Figure 1 on the left, describes the NHS England Innovation Road Map that outlines the implementation process for innovations within the NHS and how innovations interface with the support available within the NHS and broader health economy. This is a top level view of current organisations and where they sit in the innovation process. The Road Map splits the innovation process into three distinct areas: Invention, Adoption and Diffusion.
Below is a full description of the three key areas to the NHS England Road Map:

a) **Invention: Stakeholder Engagement:** This section helps to identify relevant stakeholders who can take the innovation forward with clinical, technical, financial support and aims to address the needs and requirements of the innovation by pinpointing the relevant stakeholders.

When considering stakeholders it is important to map out the key organisations and individuals with a stake in the successful implementation of the innovation. A stakeholder map should be drafted to help identify who should be engaged. For example, the implementation of a new medical device should involve obvious stakeholders such as leading clinical champion, expertise in clinical research, procurement and regulatory input.

However, patients, carers, commissioners and key healthcare professionals are often missed out of the process leaving major gaps to understanding the barriers to implementation.

Stakeholder support can be identified from local, regional and national organisations. For example local support may be available from an Academic Health Science Network or an Innovation Hub. National support could include funding from SBRI or Innovate UK. NHS support may come from a clinical champion, procurement or technical support.

### Invention – Stakeholder Engagement

<table>
<thead>
<tr>
<th>Funding support</th>
<th>Local AHSN, Local AHSNs &amp; Innovation Hubs</th>
<th>National Trade &amp; Clinical bodies</th>
<th>NHS Domain, CRG &amp; Tech leads</th>
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<tr>
<td>Innovate UK, SBRI, EU 2020 Healthcare, Wellcome Trust</td>
<td></td>
<td>Identify professional support</td>
<td>ID clinical champions</td>
<td>Innovate UK, BIS, NIHR and VC etc.</td>
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</table>

Build a multi disciplinary group to advise and steer the innovation
b) Adoption: **Building a robust evidence base:** This section looks at the support available to build a strong evidence base which in turn will strengthen the case for implementation.

Innovations without a solid evidence base often fail because clinicians and commissioners need to be satisfied that the innovation is safe for patient use. Clinicians and commissioners also need to be satisfied the innovation is cost effective and fits within recognised patient pathways. Evidence of effectiveness can be achieved through clinical evaluation, for example a clinical trial. The individuals and organisations identified in the Stakeholder Engagement process are essential partners in developing the evidence base. A robust evidence base also supports the innovation where appropriate through NICE approval.
c) **Diffusion: Implementation:** This section looks at the support available to implement innovations which have a strong evidence base.

The implementation section of the map outlines how new innovations are implemented, and identifies some of the initiatives established by NHS England to track and respond to issues with uptake. For example, the Innovation Scorecard has been set up to monitor the uptake of new technologies which have been approved by NICE. The Scorecard provides valuable data on uptake and pinpoints variation which can then be addressed.
What we do
Our mission is to improve health and secure high quality health care for people of England, now and for the future.

NHS England operates under a democratic mandate from the Government and our priorities, outlined in our Business Plan for 2015/16, have been chosen to deliver the main themes of the mandate, while advancing the agenda the NHS has set for itself in the *NHS Five Year Forward View*.

We are committed to speeding up the adoption of cost effective and affordable new treatments and diagnostics and combining different technologies and new ways of working, in order to transform the delivery of care as well as strengthen our position as a global leader in a growing part of the world economy.

Who we provide support to:
NHS England is the commissioning body of the NHS. We empower and support clinical leaders at every level of the NHS through clinical commissioning groups (CCGs), networks and senates, in NHS England itself and in providers, helping them to make genuinely informed decisions, spend the taxpayers’ money wisely and provide high quality services.

How we support local teams developing new care models and other FYFV priorities
We are committed to representing the needs of the whole commissioning system and will take practical steps to support innovation and accelerate its adoption around the country to test different combinations of innovations in practice, and reviewing and disseminating learning for rapid, wider adoption. Through analysis of variation we will support and promote improved take up of proven innovations.

How we support the spread and dissemination of learning
NHS England has a dedicated Innovation Team which sits within the Commissioning Strategy Directorate. A major part of the Innovation Team’s role is to support new innovations identified as having high impact potential using a two-way innovation exchange mechanism called Innovation Connect which aims:

- to identify innovations with high impact potential
- to support wider adoption across the NHS
- to signpost innovators and others to support and advice

- Contact us through [http://www.innovation.england.nhs.uk/your-ideas](http://www.innovation.england.nhs.uk/your-ideas)
Innovation Challenge Prizes

What are the prizes:
The NHS Innovation Challenge Prize encourage, recognise, reward and celebrate front line innovation and drive spread and adoption of these innovations across the NHS.

Why do they exist?
We all know that invention has never been a problem for the NHS. Every problem has a solution, and most of these are discovered by our frontline staff – those that see patients day to day. The NHS needs to harness these ideas and spread them across the system to brings about real and sustainable change that solves the wider challenges we face.

Over the last four years, the NHS Innovation Challenge Prizes have helped to identify and spread proven innovations, promote a culture of invention and drive adoption of the best ideas.

What is on offer?
The NHS Innovation Challenge Prizes offer both financial reward and professional development and support opportunities for successful applicants from the likes of Janssen, 3M, Accenture, Health Fabric, HSJ and the Allied Health Professions Federation to support the spread and adoption of the winning innovations.

Only NHS organisations in England can apply for a prize and applications are open from the Autumn.

Shortlisted applicants are invited to a 30 minute Dragon's Den type session where they will present their innovation to a group of experts drawn from NHS England, partner companies and other organisations. This group will look for applicants to demonstrate that their innovations are proven, have the potential for spread and adoption and support NHS England’s priorities and objectives. In addition, they will also look for applicants to show, one or more of:

- Improved outcomes for patients;
- Better Value for money;
- New models delivering care that are flexible and responsive to the needs of local communities;
- Innovative ways of harnessing upcoming innovations in modern medicine;
- Personalised services that reflect the needs and expectations of patients and their families.

Details can be found https://www.england.nhs.uk/challengeprizes/
Small Business Research Initiative (SBRI)

What we do
The SBRI Healthcare programme is a mechanism for NHS England to procure the development of innovative technology products to meet NHS need. It is run under European Union (EU) procurement rules and holds open competitions for funding in identified clinical areas.

Through these competitions companies can secure feasibility and development funding to progress the development of their products in an accelerated environment. The SBRI programme gives funding awards but also supports companies with access to clinical, technological and business expertise where necessary.

The SBRI is led by the Academic Health Science Networks (AHSNs), who aim to promote UK economic growth whilst addressing unmet health needs and enhancing the take up of known best practice. The SBRI Healthcare programme is managed by the Eastern Academic Health Science Network.

Contact us
- www.sbrihealthcare.co.uk
- www.eahsn.co.uk

How the NHS England Innovation Team and SBRI Healthcare Programme interact:
Healthcare products may be eligible for SBRI support to establish effectiveness and/or evaluation testing and support in their early implementation. NHS England funds the SBRI programme and is represented on the management board.

Does the SBRI Healthcare Programme have funds available to innovators?

- The SBRI Programme has £20m funding available in 2015/16 to support the development of new technology products.
- Companies can bid for Phase 1 funding (feasibility testing) of up to £100K and Phase II funding (development to market) of up to £500K.
- Companies are also supported with access to clinical, technology and business expertise where necessary.
**Academic Health Science Networks (AHSNs)**

**What we do – role and purpose**
AHSNs aim to deliver a step-change in the way providers and commissioners identify, adopt and spread best practice, clinical innovations and new technologies more quickly and at scale. Within this remit, AHSNs have a unique responsibility to help the NHS and industry to engage more productively with each other, focused on defined local needs and backed up by a credible evidence base.

AHSNs achieve impact by working with and through thousands of individuals and by acting as catalysts, brokers, coordinators, sponsors and knowledge-sharers. AHSNs enable commissioners and providers to improve health and achieve greater efficiency and cost-effectiveness – and they enable innovative companies to grow and create jobs.

There are 15 AHSNs across England.

**Who AHSNs provide support to**
AHSNs provide support to NHS trusts, primary care, clinical commissioning groups as well as social care partners. AHSNs also work closely with industry, academia and patients and the public to facilitate system wide change and improvement.
Academic Health Science Networks (AHSNs)

How AHSNs support local teams developing new care models and other 5YFV priorities
Across the network of AHSNs they provide support with:
• Evaluation
• Spread of learning and best practice
• Developing a tailored approach to meet local needs, whether this be supporting leadership development, measurement and data analysis, continuous improvement capability building, evaluation and / or spread of learning and best practice
• Enabling system-wide problem solving through our unique and neutral facilitator role and networks.

How AHSNs support the spread and dissemination of learning
AHSNs span whole health economies, working across sectors and geographies. One of their core purposes is to spread and diffuse innovation and best practice across whole populations using tools and techniques to support this.

Contact us
http://www.ahsnnetwork.com

• East Midlands AHSN www.emahsn.org.uk
• Eastern AHSN www.eahsn.org
• Greater Manchester AHSN www.gmahsn.org
• Health Innovation Network (South London) www.hin-southlondon.org
• Imperial College Health Partners www.imperialcollegehealthpartners.com
• Kent Surrey & Sussex AHSN www.kssahsn.net
• North East and Cumbria AHSN www.ahsn-nenc.org.uk
• North West Coast AHSN www.nwcahsn.nhs.uk
• Oxford AHSN www.oxfordahsn.org
• South West AHSN www.swahsn.com
• UCL Partners www.uclpartners.com
• Wessex AHSN www.wessexahsn.org.uk
• West Midlands AHSN www.wmahsn.org
• West of England AHSN www.weahsn.net
• Yorkshire & Humber AHSN www.yahhsn.org.uk
The AHSN Priorities Matrix for 2015/16

The AHSN Priorities Matrix for 2015/16 provides a high-level summary of the key clinical and cross-cutting topics that the 15 AHSNs are currently working on.

These include core programmes that all AHSNs work on – such as innovation adoption and diffusion – as well as individual priorities for local geographical areas. All AHSNs undertake extensive patient and public engagement with their work. More information about the AHSNs can be found on the AHSN Network website at www.ahsnnetwork.com.

All AHSNs have programmes of work that seek to:

A. Focus on the needs of patients and local populations;
B. Build a culture of partnership and collaboration;
C. Speed up adoption of innovation into practice to improve clinical outcomes and patient experience;
D. Create wealth.
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<th>Additional cross-cutting projects/System enablers</th>
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<td>Other programs included:</td>
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<td></td>
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<td>Eastern</td>
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<td>Other projects:</td>
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<td></td>
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<td>Precision medicine catapult, Equity Investment, Devolution, Technology, Interoperability, CLAHR support, Overseas development, Research</td>
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<td>Manchester</td>
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<td>Other initiatives:</td>
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<td>Neuro-rehabilitation, Proactive care, End of life care, Sustainable services for older people, Telehealth, SME engagement</td>
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<td>Health Innovation Network (South London)</td>
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<td>Other programs:</td>
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<td>Sepsis, Precision medicine, SME &amp; business support, Innovation scouts, Procurement, Digital, Early intervention in psychosis, Anxiety and depression, Inflammatory bowel disease, Diagnostics, Clinical innovation adoption, Evaluation, Social investment, Primary care sustainability, Outcomes-based commissioning, Technology, Life science cluster</td>
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<td>Imperial College Health Partners</td>
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<td>Other initiatives:</td>
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<td>Urgent &amp; acute care, Neurosciences, Technology, Nutrition, Orthopaedics, Life science cluster, Education and workforce of the future</td>
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<td>Kent Surrey Sussex</td>
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<td>Other programs:</td>
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<td>Fractures, Enhancing quality and recovery, Telehealth, SME engagement, Emergency and acute care, Avoidable hospital mortality, E-health, Quality improvement and behaviour change, Open innovation</td>
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<td>North and East and North Cumbria</td>
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<td>North West Coast</td>
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<td>Oxford</td>
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<td>South West</td>
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Health Enterprise East (HEE)

What we do
Health Enterprise East (HEE) is a leading NHS Innovation Hub based in Cambridge which helps members to identify, develop and commercialise pioneering healthcare innovations that can improve the quality and efficiency of healthcare services.

With NHS proven credentials, HEE provides easy access to regionally-based innovation management services and is uniquely placed to deliver a framework of practical support to NHS staff across the east of England, east Midlands and north London areas. We also provide fee for service consultancy services for medical technology companies seeking to gain access to clinical expertise during the product development process. Engaging clinical stakeholders enables product and service innovators to identify and understand unmet needs, determine key success factors and gain feedback on concepts and products.

Contact us
http://www.hee.org.uk

It would be more appropriate to approach Health Enterprise East rather than the NHS Innovation Team in the following circumstances:
The product or service is at an early idea stage and needs proof of concept work to establish feasibility and where the innovation requires pre commercial support.

How NHS England Innovation Team and AHSN’s interact:
The NHS England Innovation Team work with Health Enterprise East to signpost relevant innovation enquiries for advice and support.

Do the AHSN’s have funds available to innovators?
Health Enterprise East has a small development fund which can be accessed by innovators to conduct market research, commission the manufacture of prototypes or conduct early stage technical feasibility studies. We work with a range of product design specialists to translate unmet needs into solutions ready for trial and adoption.
What we do
Medipex provides a bridge between the NHS, industry and academia in Yorkshire & Humber and the East Midlands to help realise the potential of ideas for new and improved medical technologies with the aim of making a sustained impact on health and the economy. It’s innovation pathway model can be applied to any innovation in order to identify any gaps, the impact and target resources most effectively.

Medipex has two main business activities:

1) NHS Intellectual Property Advice and Commercialisation Services

Services to NHS staff working in Yorkshire & Humber and in some Trusts in the East Midlands include:

- Evaluation of Ideas and Clinical Needs including market, competitor and IP analysis
- Project and business plan development and sourcing of funding
- Drafting and negotiating IP Licences and collaboration agreements
- Collection and distribution of royalties to Trust and inventors
- Launch new companies and joint ventures

2) Industry Services

Medipex also works with a wide range of medical technology companies to help them develop new products, gather up-to-date market intelligence, find sites for clinical trials and develop market access strategies and to understand the reimbursement requirements within the NHS.

Medipex offers a wide range of services to medical technology companies to help them at all stages of product development including market research, peer reviews of product concepts and prototypes by relevant clinicians, facilitating clinical trials and economic evaluations, development of business cases for product deployment.

*In addition to the NHS IP and Business services, Medipex runs an annual Innovation Competition and Awards evening open to NHS staff and industry, university staff working with NHS staff in Yorkshire & Humber and East Midlands. Eligibility criteria are published each year in late May on the Medipex website.*

Contact us

[www.medipex.co.uk](http://www.medipex.co.uk)
MidTECH - NHS Innovations West Midlands

What we do
MidTECH – NHS Innovations West Midlands – will help with the intellectual property protection and development of any new ideas generated by NHS Staff.

We also
• Source prototype experts, designers, software developers or any other third party support needed to help move a project along.
• Have established relationships with many such providers so we can put innovators in touch with the right people very quickly in the knowledge that all commercial and IP issues have already been resolved.
• Source commercial partners and other industry contacts to negotiate any relevant deal to ensure the idea gets to market and that the NHS gets its fair reward for the work it has put in.
• Help all innovators through the commercial process from idea to reality.

A breakdown of specific services include:
• Intellectual Property policy development
• Market and IP assessment of an idea
• Protection – filing of patents, design rights, copyright advice and procedure
• Commercial negotiation on behalf of the Trust – liaising with lawyers as appropriate

MidTECH also offers a general service of assisting with NHS industry relations. This can be in commercial developments of on-going relationships.

Contact us
www.midtech.org.uk
www.twitter.com/midtech

It would be more appropriate to approach MidTECH rather than the NHS England Innovation Team in the following circumstances
Where the innovation requires pre-commercial support

How NHS England Innovation Team and MidTECH interact:
The NHS England Innovation Team works with MidTECH to signpost relevant innovation enquiries for advice and support.

Does MidTECH have funds available to innovators?
MidTECH, at present has no funds for innovation development but will help Trusts access other third party funds.
NHS Innovations North

What we do
NHS Innovations North is a regional hub providing a service to the NHS and local small and medium enterprises (SMEs) across the North East to support the development and commercialisation of innovative ideas. A wide spectrum of expertise is offered, from concept development, intellectual property management, market research, business support, licensing agreements and sourcing of commercial partners to produce new products and technologies.

In addition to the NHS IP and business services, NHS Innovations North runs an annual competition and awards ceremony, named Bright Ideas in Health Awards. The Awards are open to all NHS staff and GP consortia, in North East England.

NHS Innovations North also organise a number of seminars aimed at the local community.

NHS Innovations North is part of the NHS Innovation landscape and has access to various networks regionally and nationally.

NHS Innovations North is a founding member of the Health Innovation Alliance, a network of six NHS Innovations companies working together across England.

We can also assist with bid/proposal preparation.

Contact us
http://www.nhsinnovationsnorth.org.uk
http://www.healthinnovationsalliance.org.uk
TrusTECH (NHS Innovations North West)

What we do
TrusTECH (NHS Innovation NW) is the Innovation service provider for NHS organisations in the North West helping to improve the care for patients through innovation. It is a not for profit NHS organisation that improves healthcare through the development of innovative products and services and helps to introduce these ideas in the NHS for adoption. It works with the NHS encouraging innovative staff to bring forward new ideas and helping to protect their intellectual property (IP) and develop the ideas prior to putting them into practice. TrusTECH is also working with the Academic Health Services Networks in Greater Manchester and the North West Coast.

TrusTECH helps NHS organisations and their staff to:
• Introduce new technologies to meet clinical needs and improve patient care
• Protect their IP
• Develop and commercialise their ideas, products and services

TrusTECH offers companies:
• Access clinical opinions to evaluate their products and services and get their innovative produce into the NHS; find principal investigators and help with Research Office documentation

• A commercial consultancy service helping them to carry out research and development

TrusTECH Team has a wealth of experience, knowledge and expertise in managing and developing healthcare innovation and a wide network of commercial and clinical contacts. There are a number of international collaborations and alliances that enable TrusTECH to source the best solutions from other healthcare systems. If you have specific (clinical and technological) unmet needs, please contact us and we will do our best to find a solution for you.

TrusTECH offers a series of North West based “Meet the Experts” events which will help companies and innovators to:
• Improved their technologies to better match the specific needs of the NHS
• Rapidly develop their businesses through our Associate Programme delivered with some of the North West’s leading professional services providers

Contact us
www.trustech.org.uk
NHS Innovation South East (NISE)

What we do
Provides innovation and intellectual property (IP) services to NHS organisations to commercialise their ideas for the benefit of NHS patients.

NHS Innovation commercialisation services and intellectual property advice.
- Advising staff in relation to IP and the exploitation of innovative ideas including research, where advice is required for a clinical trial or research project
- Idea validation/ screening of potentially innovative ideas
- Project management including
  - Signposting of potential fund streams
  - Development of an IP exploitation business plan
- Intellectual Property protection: liaison with patent agents/ filing appropriate protection, including design rights, registered designs and advice on copyright.
- Commercialisation:
  - Supporting business units in Trusts to deliver goods and services direct to the market
  - Identification of potential commercial partners, (including due diligence)
  - An in-house IP lawyer to assist with commercialisation, providing a range of contracts and advice including non-disclosure agreements, material transfer agreements, heads of terms, revenue sharing agreements, licence agreements and IP assignments

Adoption support services:
NISE provide an ‘honest broker’ service, to help the NHS understand new product / service offerings from companies and help Trusts develop a business case for adopting the product/service. This may include:
- Obtaining anonymised data from other NHS sites to validate the financial claims and outcomes;
- Consideration of cost-benefit, efficiency, benefits realisation programs

NISE Industry support services
NISE is able to support the interface between NHS organisations and relevant industry resources, contributing to a ‘one-stop shop’ including:
- Facilitating dialogue on ideas and partnerships for products/services/ assisting with the construction of collaborations with NHS, industry and academia,
- Providing advice regarding clinical trials and regulation
- Assisting companies with signposting to appropriate sources of funding and advice including securing grant funding
- Running Adoption Clinics to review products and help to present their ideas to the NHS and to those responsible for commissioning and procurement

http://www.innovationsoutheast.nhs.uk
http://www.healthinnovationsalliance.org.uk
NHS Innovation South West (NISW)

What we do
NHS Innovations South West is a not-for-profit organisation, whose role is to help foster innovation that will benefit patient care and healthcare delivery for NHS organisations around the South West.

We work with NHS innovators and commercial partners to turn great ideas into real products and services by offering impartial advice and assistance to take innovative ideas from concept to final product and commercialisation, as well as assisting with the adoption of innovations into regular use across the region.

NISW works to a unique operational model, with a “lean” team of Business Development Managers who assist and actively support our network of 22 trained Trust Innovation Leads (TILs) who are employed by and embedded in a range of Trusts and other healthcare organisations across the region.

Each TIL has gained the Chartered Management Institute “Diploma in Innovation and Change Management” developed and delivered by NISW and Pera. They act as local innovation champions, using best practices to assess and develop those ideas that can offer the most benefit to their Trusts and wider NHS, and assist with the adoption of innovative new technologies and services. This process is best summarised in the Innovation and Organisation support pathway diagrams below:

Innovation Support Pathway

Contact us
http://www.nisw.co.uk
Academic Health Science Centres

What we do
Academic Health Science Centres (AHSCs) are partnerships of NHS providers and Universities that bring together world-class medical research, education and patient care in order to speed up the translation of developments in research into benefits for patients.

The designation of DH AHSC is intended to harness the strategic alignment of NHS providers and their university partners specifically in research, health education and patient care.

The designation AHSC is distinguished by its world-class research capability, clinical excellence, strong collaborative governance, competitive approach to management of IP, strong track record of productive research collaborations with the life sciences industry and emerging clinical data informatics platforms.

The AHSCs play an important role in driving economic growth through partnerships with industry, including life sciences companies.

AHSCs are distinct entities from Academic Health Science Networks (AHSNs).

DH designated AHSCs are required to be nested within the relevant local AHSN, demonstrate active engagement and synergistic working with the AHSN, and with other AHSNs nationally. NHS England licensed AHSNs drive diffusion and uptake of proven innovations throughout the NHS.

Six AHSCs are designated in England for 5 years from 1 April 2014:

- Cambridge University Health Partners [http://www.cuhp.org.uk/]
- Imperial College Healthcare [http://www.ahsc.org.uk/]
- King's Health Partners [http://www.kingshealthpartners.org/]
- Manchester Academic Health Science Centre [http://www.mahsc.ac.uk/]
- Oxford Academic Health Science Centre
- UCL Partners [http://www.uclpartners.com/]

Contact us
Nathan.moore@dh.gsi.gov.uk

NATIONAL SUPPORT

Support available for
Invention Adoption Diffusion
Association of Medical Research Charities (AMRC)

What we do
Research gives patients hope. Our members, big and small, speak out on behalf of patients with acute and chronic conditions, both rare and common.

Our Vision
AMRC is the national membership organisation for the health and medical research charity world, influencing the policy and research environment by harnessing the collective strengths of our members, to demonstrate the sector’s positive impact on health and wellbeing.

• We have 139 charities, spending £1.3bn a year on research here in the UK.
• Charities funded the salaries of 12,000 researchers in the UK.
• Medical research is the UK’s most popular cause, 7.6m people donate in a typical month.

All our members are focused on benefiting patients and share a commitment to funding the highest quality research. Many have a strong patient group allied to them. Medical research charities are major investors in rare disease research in the UK, creating a strong link between patients and their families and the research underway.

Useful publications
Publications | AMRC - Uniting the Charity Voice - Annual Review 2014-15

Health Research Analysis 2014: the who, what, where of health research spending | AMRC - Association of Medical Research Charities

Contact us
http://www.amrc.co.uk
http://www.amrc.org.uk/our-members/member-directory
020 7685 2620
@AMRC
Association of the British Healthcare Industries (ABHI)

What we do
The Association of British Healthcare Industries (ABHI) is the industry association for the medical technology sector in the UK. ABHI’s membership includes leading multinational businesses through to small and medium sized enterprises (SMEs). ABHI aim to promote the rapid adoption of medical technologies to ensure optimum patient outcomes throughout the UK and in key global markers. ABHI membership is open to manufacturers as well as service companies involved in the sector, such as professional services organisations. ABHI was formed 20 years ago to address Industry’s need to engage with the fast moving regulatory landscape and to support UK companies export their products around the world. ABHI has specialist teams focusing on:

- UK market policy issues
- International policy
- Ethical compliance
- Technical and regulatory issues.

It would be more appropriate to approach ABHI rather than the NHS England in the following circumstances:
- When information on specific market sectors is required
- Networking with industry members
- Technical advice

How NHS England’s Innovation Team and ABHI interact:
NHS England works closely with ABHI on a number of innovation programme areas including the NIC and a range of Industry focused initiatives.

Does the ABHI have funds available to innovators?
No, however, ABHI will be able to signpost to appropriate funding sources.

Contact us
http://www.abhi.org.uk
020 2960 4360
enquiries@abhi.org.uk
@UK_ABHI
Association of the British Pharmaceutical Industry (ABPI)

What we do
The Association of the British Pharmaceutical Industry (ABPI) represents innovative research-based biopharmaceutical companies, large, medium and small, leading an exciting new era of biosciences in the UK.

Our industry, a major contributor to the economy of the UK, brings life-saving and life-enhancing medicines to patients. Our members supply 90 per cent of all medicines used by the NHS, and are researching and developing over two-thirds of the current medicines pipeline, ensuring that the UK remains at the forefront of helping patients prevent and overcome diseases.

The ABPI is recognised by government as the industry body negotiating on behalf of the branded pharmaceutical industry, for statutory consultation requirements including the pricing scheme for medicines in the UK.

Contact us
http://www.abpi.org.uk
020 7930 3477
@ABPI_UK
British Healthcare Trade Association

What we do
The British Healthcare Trades Association (BHTA) is one of the UKs oldest and largest healthcare associations (founded in 1917). Its membership comprises both large and small businesses manufacturing and/or supplying equipment and services and its vision is that consumers and patients in the UK will have access to innovative, safe and fairly priced healthcare and assistive technology products and services which meet their needs.

The products members make and supply are as varied as wheelchairs, stair lifts, seating and positioning products, patient support surfaces, electronic communication devices, rehabilitation products, stoma and continence products, first aid equipment, aids and services for children and for visually impaired people, and prosthetics and orthotics. The BHTA is organised into sections covering most sectors of the industry and this structure provides a platform for all members to have an effective voice within BHTA and, through the Association, to influence the development of healthcare policies in the UK. We co-ordinate the sector with the Trading Standards Institute (TSI) through their Consumer Codes Approval Scheme.

The BHTA Code of practice is the first in our sector to be recognised in this way. All members must meet the standards it contains to demonstrate best practice in their business dealings and evidence that they trade ethically and professionally.

Contact us

http://www.bhta.net

It would be more appropriate to approach BHTA rather than the NHS England in the following circumstances:

- If your product or service will be used/offered primarily for use by private consumers and/or in care settings or the person’s own home.
- When you need to source potential private and third sector partners and/or distributors.
- For networking opportunities with members
British In Vitro Diagnostics Association (BIVDA)

What we do
BIVDA is the national industry association for the manufacturers and distributors of In Vitro Diagnostic (IVD) products in the UK, currently representing more than 95% of the industry and over a hundred organisations ranging from British start-up companies to UK subsidiaries of multinational corporations.

BIVDA members currently employ over 8,000 people in the UK, with a total industry turnover of approximately £900 million. The BIVDA represents the IVD industry in the UK to Government, professional bodies, the general public and at the European Diagnostic Manufacturers Association.

Giving support to members on regulatory issues, BIVDA also promotes the clinical and cost utility of IVDs in the provision of effective healthcare, both in acute diagnosis and in the prediction and prevention of disease. BIVDA aims to spread awareness of the value of diagnostics in the wider theatre of healthcare.

On-going revolution in medical science means that diagnostics is really coming of age, offering exciting opportunities in not only disease treatment, but also prevention. Cardiovascular risk, cancer, diabetes, infectious diseases and osteoporosis are just a few of the areas where real breakthroughs are proving possible.

By working with the industry and all interested bodies to provide comprehensive information, a robust regulatory framework and in-depth outcome studies, BIVDA strives to ensure these opportunities are not missed. BIVDA is working closely with the four Diagnostic Evidence Cooperatives and acts as a portal to industry in engaging these. The four Diagnostic Co-operatives are based in:

- Imperial College Healthcare NHS Trust
- Leeds Teaching Hospitals NHS Trust
- Newcastle upon Tyne Hospitals NHS Trust and
- Oxford Health NHS Foundation Trust.

The cooperatives will look how conditions such as cancer, liver and heart diseases, strokes and infectious diseases are diagnosed and assess whether patients could get the best treatments more quickly.

Contact us

www.bivda.co.uk
What we do
We are the UK’s largest organisation for funding research on economic and social issues. We support independent, high quality research which has an impact on business, the public sector and the third sector. Our total budget for 2015/16 is £193 million. At any one time we support over 4,000 researchers and postgraduate students in academic institutions and independent research institutes.

We are a non-departmental public body (NDPB) established by Royal Charter in 1965 and receive most of our funding through the Department for Business, Innovation and Skills (BIS). Our research is vigorous and authoritative, as we support independent, high-quality, relevant social science.

What we offer
• Quality: All ESRC research awards are made in open competition, subject to transparent peer assessment at the outset and evaluation on completion. Rigorous standards are applied to all the training we support. Our research often involves multidisciplinary teams, collaboration with other councils, and frequently takes a long-term view. Our datasets, longitudinal and panel studies are internationally acclaimed resources.

• Impact: Our research makes a difference: it shapes public policies and makes businesses, voluntary bodies and other organisations more effective as well as

• shaping wider society. Our knowledge exchange schemes are carefully devised to maximise the economic and social impacts of the research that we fund.

• Independence: Although publicly funded, our Royal Charter emphasises the importance of independence and impartial research. We have no 'in-house' researchers, but distribute funds to academics in universities and other institutes throughout the UK.

Our mission
• promote and support, by any means, high-quality basic, strategic and applied research and related postgraduate training in the social sciences

• advance knowledge and provide trained social scientists who meet the needs of users and beneficiaries, thereby contributing to the economic competitiveness of the UK, the effectiveness of public services and policy, and the quality of life

• provide advice on, disseminate knowledge of and promote public understanding of, the social sciences.
Economic & Social Research Council (ERSC)

Research
We are committed to supporting the very best research, with scientific excellence the primary criterion for funding. All our funding opportunities are highly competitive and only those proposals judged by experts in the field to be of the highest scientific quality are supported.

Training
We play a key role in promoting and supporting training for the UK social science community throughout their careers. We invest in high-quality research training and development opportunities to produce skilled researchers who are able to tackle the most pressing social and economic challenges and have a broader impact on society.

Partnerships
Partnerships bring a wealth of opportunities to the social sciences, from the development of researchers skilled in knowledge exchange to creating maximum impact of our research on society’s most complex challenges. Building strategic partnerships with academia, the public and private sectors, and civil society is a key aspect of our work.

Infrastructure
Researchers require access to world-class data and pioneering research methods to deliver high quality research and maximise impact. We take a strategic lead in driving the expansion of the UK's data infrastructure and supporting cutting-edge methodological developments.

Working internationally
We are an international leader in the social sciences. We foster international collaboration with a wide range of international partners and, through joint schemes, we enable UK social scientists to collaborate on challenging global issues with the very best international researchers from around the world.

Public engagement
We work to raise public awareness of social science and we encourage involvement in research that will translate into benefits for society and individuals.

Contact us
http://www.esrc.ac.uk/
01793 413000
**Engineering and Physical Sciences Research Council (EPSRC)**

**What we do**
The EPSRC supports excellent, long term research and high quality postgraduate training in order to contribute to the economic competitiveness of the UK and the quality of life of its people. At any one time we are supporting a portfolio of research and training between £2 and £3 billion.

Healthcare Technologies is an EPSRC challenge theme which looks across the entire Engineering and Physical Sciences research and training landscape identifying solutions that underpin the Healthcare and Life Sciences sectors (including the NHS and pharmaceutical and medical technology industries).

The theme will play a vital role in sponsoring basic research capabilities which will create new technologies and technologies to address national and global health challenges. The four main strategic priorities identified to provide a focus for funding in the current Delivery Plan period (2011/12 – 2014/15) are:

- Novel treatment and therapeutic technologies;
- Enhanced prediction and diagnosis in real time and at the point of care

- Technologies for a healthy life-course
- Design, manufacture and integration of healthcare technologies

Details of the 4 priorities are detailed below:

In addition to the above EPSRC funds a broad portfolio of Engineering and Physical Sciences research relevant to Healthcare Technologies.

**Contact us**

- Healthcare Technologies Theme: [http://www.epsrc.ac.uk/ourportfolio/themes/healthcaretechnologies/pages/default.aspx](http://www.epsrc.ac.uk/ourportfolio/themes/healthcaretechnologies/pages/default.aspx)
- Funding Schemes [http://www.epsrc.ac.uk/funding/grants/pages/a z.aspx](http://www.epsrc.ac.uk/funding/grants/pages/a z.aspx)
Government Innovation Group, Cabinet Office

What we do
We are the UK government’s internal innovation hub, dedicated to supporting social innovation both in and outside government by mobilising people, resources, programmes and data. We pull in and mainstream the best new tools and techniques and activate public services, businesses, charities, communities and individuals to bring about social innovation. We do this through grant funding, research and evaluation, establishing networks and providing leadership support.

Our key policy areas relevant to the new care models work are
• social action and volunteering;
• social investment;
• sector support to the voluntary and community sector;
• open policy making;
• applying design based principles in public services;
• open data; and
• data science.

Over the last two years we provided grant funding of £14m to support the growth and development of over 200 projects in the health and social care space.

We provide
• policy and delivery advice to the Prime Minister and Cabinet and other government departments;
• grant funding to voluntary and community organisations, including in partnership with local NHS and social care services;
• leadership support and expert policy advice to voluntary and community organisations, commissioners NHS and social care services and others interested in our policy areas.

Existing activities that local teams could join in with
https://www.gov.uk/government/publications/centre-for-social-actionfunding
https://www.gov.uk/government/collections/social-investment
https://www.gov.uk/the-commissioningacademy-information
https://openpolicy.blog.gov.uk

Sarah.hurcombe@cabinetoffice.gov.uk
@cabinetofficeuk
Innovate UK (formerly Technology Strategy Board)

What we do
Operating across Government and advising on policies which relate to technology, innovation and knowledge transfer. It helps businesses in the innovation journey with a range of tools, each focused on helping solve specific innovation challenges.

It supports businesses ranging from start-up micro businesses to large multi-nationals, and work with a wide range of partners in the public and private sectors to help make the UK’s innovation system work more effectively to support future economic growth.

How we support the spread and dissemination of learning

- **Catapults**: A network of physical centres designed to advance innovation in specific fields.
- **Collaborative Research and Development (R&D)**: Helps companies tackle specific technical or societal challenges by working collaboratively to create new products, processes and services.
- **Demonstrators**: Help to accelerate the introduction of new products, systems and services by enabling testing and validation in the real world and on a large scale.
- **Engagement events**: Bringing businesses together with each other and with researchers to explore opportunities, form collaborations and develop projects.
- **European and international activities**: Support for businesses to access European Union (EU) programmes for R&D and innovation
- **Eurostars**: Helps UK high-tech SMEs develop partnerships with SMEs and knowledge and supply chain partners
- **Feasibility studies**: Helps companies to assess the potential of ideas in specific thematic areas.
- **Innovation and Knowledge Centres**: Operating at an earlier stage than Catapult Centres, they offer a shared space and entrepreneurial environment in which researchers, potential customers and academia and business can work side-by-side on commercial applications of emerging research.
- **Innovation Platforms**: Brings industry, academia and government together to focus on a specific challenge such as vehicle emissions or disease diagnosis. It is a long-term commitment to a programme of support – using many of the ‘tools’ described in this section.
- **Innovation vouchers**: Enable innovative SMEs to engage with new partners to access knowledge which could help their business grow.
Innovate UK (formerly Technology Strategy Board)

- **Knowledge transfer networks, special interest groups and _connect**
  These networks accelerate business innovation by enabling people to share knowledge, ideas and opportunities within and between specific sectors. The networks are hosted on Innovate UK’s online community, http://ktn.innovateuk.org

- **Knowledge transfer partnerships**
  Aims to help improve the competitiveness of a business by drawing on the expertise in UK universities, colleges and other knowledge providers. Knowledge is transferred through placement of a recently qualified individual to work on a challenging innovation project.

- **Launchpad**
  Aims to support the development and strengthening of clusters of high-tech companies. SMEs enter competitions to receive funding for innovative projects in specified themes and/or specific geographical locations.

- **Missions**
  Entrepreneur missions run in conjunction with UK Trade and Investment (UKTI), in which a group of innovation and enterprise, such as the USA, to make new connections and meet potential collaborators, investors suppliers and customers

- **SBRI (Small Business Research Initiative)**
  Provides business with public sector procurement contacts to research and develop new products and services to address public sector challenges. The business gets finance to develop its ideas, and the public sector gets more innovative solutions to its needs. SBRI encourages public sector organisations to take the lead role helping to develop and de-risk innovative solutions for which it might be the potential future purchaser.

**Smart**
Addresses the funding gap experience by many small and early-stage companies. It provides pre-start-ups, start-ups, micro businesses and SMEs with grants to enable them to assess potential markers and invest in R&D and innovation. Three types of support are available: proof of market, proof of concept and demonstration of prototype. The scheme, previously called Grant for R&D, is open for applications at any time.

**Contact us**
http://www.innovateuk.org/
Medical Healthcare products Research Agency (MHRA)

What we do
The Medicines and Healthcare products Regulatory Agency regulates medicines, medical devices and blood components for transfusion in the UK.

Recognised globally as an authority in its field, the agency plays a leading role in protecting and improving public health and supports innovation through scientific research and development.

The agency has 3 centres:
• the Clinical Practice Research Datalink (CPRD), a data research service that aims to improve public health by using anonymised NHS clinical data.
• the National Institute for Biological Standards and Control (NIBSC), a global leader in the standardisation and control of biological medicines.
• the Medicines and Healthcare products Regulatory Agency (MHRA), the UK’s regulator of medicines, medical devices and blood components for transfusion, responsible for ensuring their safety, quality and effectiveness.

Who we are
We’re an executive agency of the Department of Health. We employ more than 1,200 people and have facilities in London, York and South Mimms, Hertfordshire.

Our responsibilities
The agency is responsible for:
• ensuring that medicines, medical devices and blood components for transfusion meet applicable standards of safety, quality and efficacy
• ensuring that the supply chain for medicines, medical devices and blood components is safe and secure
• promoting international standardisation and harmonisation to assure the effectiveness and safety of biological medicines
• helping to educate the public and healthcare professionals about the risks and benefits of medicines, medical devices and blood components, leading to safer and more effective use
• supporting innovation and research and development that’s beneficial to public health
• influencing UK, EU and international regulatory frameworks so that they’re risk-proportionate and effective at protecting public health
Medical Healthcare products Research Agency (MHRA)

Our priorities
Some of the agency’s priorities for 2014 to 2015 include:
• making our regulation more supportive of safe innovation
• supporting the government’s growth agenda through the life science strategy, which includes early access to medicines schemes and the adaptive licensing pilot
• introducing a combined reporting system for adverse incidents, medicines, medical devices, blood and counterfeit products under the established YC brand to ensure patient safety
• working with our partners across the UK, Europe and globally to prevent counterfeit and substandard products entering the supply chain
• establishing a centre of excellence for advanced therapies, including stem cells, at NIBSC
• increasing the volume of observational and interventional research, including clinical trials, using CPRD data
• engaging and networking more with healthcare professionals, patients and the public, including by working jointly with others in the health and social care system

Every year our staff are invited to speak at conferences and other events around the world. Read our guide to booking MHRA speakers.

Our advisory bodies
We have created a number of independent advisory committees to provide impartial advice to ministers about the regulation of medicines and medical devices. These committees may also establish working groups to address specific problems. Members of these committees may receive a fee and claim some expenses.
• Advisory Board on the Registration of Homeopathic Products
• Herbal Medicines Advisory Committee
• The Review Panel
• Independent Scientific Advisory Committee for MHRA database research
• Medicines Industry Liaison Group
• Innovation Office
• Blood Consultative Committee
• Committee on the Safety of Devices

More information about our plans and priorities can be found in our 5-year corporate plan and our business plan for 2014 to 2015.

Contact us
Medical Research Council

What we do
The Medical Research Council (MRC) is a publicly-funded organisation which aims to improve human health through world-class medical research. To achieve this, the MRC supports academic-led research across the biomedical spectrum, from fundamental lab-based science to clinical trials, and in all major disease areas.

The MRC supports research across the entire spectrum of medical sciences and universities and hospitals, in MRC units, centres and institutes in the UK, and in MRC units in Africa.

The MRC work closely with the NHS, the Department of Health and NHS England to deliver its mission, and give a high priority to research that is likely to make a real difference to clinical practice and the health of the population.

Contact us
http://www.mrc.ac.uk/index.htm
http://www.mrc.ac.uk/Ourresearch/ResearchInitiatives/Translationalresearch/index.htm
http://www.innovateuk.org/content/competition/biomedical-catalyst.ashx
MedilinkUK

What we do
MedilinkUK are the life science industry support organisation with around 800 national members across either regions and devolved administrations.

MedilinkUK mainly focus on Bio and Medical Technologies, connecting with Small and Medium Enterprises (SME’s) in the main, to support the development of technologies and products at differing stages in their innovation lifecycle.

MedilinkUK work with Innovate UK and the Knowledge Transfer Networks (KTNs) as technology transfer agents and act as a multiplier organisation for NIHR, DH, NHS England and NHS for their Innovation initiatives.

MedilinkUK are named support organisations within the AHSN guidance and for the NHS Small Business Research Initiative (SBRI) fund. MedilinkUK works with private and public finance and funding institutions, providing diligence for the funders and support for applicants.

MedilinkUK is well placed to support innovators with early of late stage innovations as well as providing adoption, procurement and commissioning support for our members who have specialised service innovations.

Confronting the day-to-day issues that face businesses, MedilinkUK helps companies from concept through to commercialisation and nurtures collaborations between academics, clinicians and industry. With a team of experts, MedilinkUK can provide bespoke market research for companies diversifying into the sector, or investing in research and development. MedilinkUK also operates internationally, supporting global companies to invest in the UK market as well as promoting the export of products and services to the US, Middle East and Asia.

Contact us

http://www.medilinkuk.com/

Medilink North West  http://www.medilinknorthwest.co.uk

MedilinkWest Midlands

MedilinkEast Midlands

South East Health Technology Alliance

Medilink South West  http://www.medilinksw.com/
Monitor - Development Team

What we do
Work with national partners to support providers (NHS foundation trusts and NHS trusts) to develop leadership and improvement capability in the long term.

Who we provide support to
Mainly NHS foundation trusts – increasingly NHS trusts.

How we could support local teams developing new care models and other 5YFV priorities
We develop tools, resources and examples of good practice that can be used by providers to support them increase and develop their capability across areas such as strategy development, leadership and improvement. This work will help them to develop the skills required to support the changes necessary to reduce clinical variance and to implement the ambition of the 5YFV. We will also be working with national partners to implement the recommendations from the Ed Smith Review on the required future architecture required to support leadership and improvement development in the future.

How we could support the spread and dissemination of learning
Through our conferences, webinars, website and network events which take place on a frequent basis.

Existing activities that local teams could join in with
Strategy development, and networking and sharing events.

Existing materials

Other information
We are currently working on a couple of projects including i) Local Health Economy strategy development and ii) developing diagnostics to support boards to identify any underlying cultural and leadership challenges that may need to be addressed to implement their organisation’s strategy; teams developing new care models may want to get involved / find the resources useful as they are developed during 2015.

Contact us
Jo Vigor
jovigor@monitor.gov.uk
National Institute for Health and Care Excellence (NICE)

What we do

NICE produces independent, authoritative and evidence-based guidance on the most effective ways to prevent, diagnose and treat disease and ill health, reducing inequalities and variation.

For medical technologies, NICE produces guidance and recommendations to the NHS on the use of new and existing technologies as well as on new or novel interventional procedures.

The primary aim of the Interventional Procedures programme is to evaluate the safety and efficacy of new interventional procedures.

Other guidance programmes evaluate the full range of value propositions for medicines and medical technologies. There are:

- The Technology Appraisals Programme (TAP)
- The Medical Technologies Evaluation Programme (MTEP)
- The Diagnostics Assessment Programme (DAP)

The Medical Technologies Evaluation Programme acts as the single point of access for medical technologies to the different guidance programmes at NICE.

The NHS is legally obliged to fund and resource medicines and treatments recommended in NICE Technology Appraisals.

MTEP has also developed a set of briefings, Medtech Innovation Briefings (MIBs), to help boost the uptake of innovative devices and technologies within the NHS. These provide objective information on promising devices and diagnostics, but will not contain judgements from NICE on their value. The briefings are not restricted to healthcare products, as they can also cover those relevant to social care.

Contact us

http://www.nice.org.uk
National Institute for Health Research (NIHR)

What we do
The National Institute for Health Research (NIHR) is funded through the DH to improve the health and wealth of the nation through research, playing a key role in the Government’s strategy for economic growth, attracting investment by the life-sciences industries through its world-class infrastructure for health research.

The NIHR has a comprehensive range of research programmes which are both commissioned and responsive to identified need. These offer a focused source of funding for researchers with the aim of improving health and care by providing evidence to inform clinical professions, NHS managers, patients and the public, and where appropriate policy makers.

The NIHR funds research, rather than implementation or service development. The NIHR funds a range of programmes addressing a broad range of health priorities.

Examples of NIHR funds and organisations which can support innovators are:

The Health Technology Assessment (HTA) programme which supports research that is immediately useful to clinical practice and policy/decision-makers.

The Efficacy and Mechanism Evaluation (EME) programme supports ‘science driven’ studies with an expectation of substantial health gain.

The Invention for Innovation (i4i) programme supports and advances the R&D of innovative healthcare technologies and their translation into the clinical environment for the benefit of patients.

Health Services and Delivery Research (HS&DR) programme funds a broad range of research to produce rigorous and relevant evidence on the quality, access and organisation of health services, including costs and outcomes, to improve health services.

Contact us

www.nihr.ac.uk for NIHR funding opportunities

http://www.nets.nihr.ac.uk for HTA, EME and HS&DR Programmes

http://www.nihr.ac.uk/funding/invention-for-innovation.htm for the i4i Programme
National Institute for Health Research - Devices for Dignity Healthcare Technology Co-operative

What we do
Devices for Dignity (D4D) is one of eight Healthcare Technology Co-operatives (HTCs) funded by the National Institute for Health Research (NIHR),

D4D works with the general public, clinicians, healthcare staff, industry and academia to drive forward the development of products and services to help people living with Long Term Conditions (LTCs). The overarching vision is to deliver innovative solutions to support patients with LTCs, preserving their dignity and independence.

D4D provides hands on support to innovators and are able to take ideas from concept through to commercialisation. An application form can be accessed via the website which allows users to submit ideas which address unmet clinical needs.

D4D is currently focussed on
• Assistive and Rehabilitative Technology
• Urinary Continence Management and
• Renal Technology

Contact us
https://www.devicesfordignity.org.uk

Other HTCs:
http://www.nihr.ac.uk/infrastructure/Pages/HTCs.aspx
National Institute for Health Research - Horizon Scanning Centre (HSC)

What we do
The Horizon Scanning Centre (HSC) is funded by the National Institute for Health Research to supply timely information to key policy and decision makers in the English NHS and the NIHR research community, about emerging health technologies that may have a significant impact on patients or the provision of health services in the near future.

The principal recipients of the HSC’s information service include:

- The National Institute for Health & Care Excellence (NICE) evaluation programmes;
- The NIHR Health Technology Assessment (HTA) and Efficacy and Mechanism Evaluation (EME) research programmes;
- The UK National Screening Committee (UK NSC) and individual NHS Screening Programmes.

Other users of the HSC’s services include individual NHS Trusts, NHS commissioners and other organisations – both within England and internationally.

The HSC works with companies and experts to identify emerging health technologies prior to launch in the health service, and supplies information in the form of short briefings or longer in-depth reviews to stakeholders and the wider NHS via its website.

The scope of HSC activity includes:

- Pharmaceuticals;
- Medical devices and equipment;
- Diagnostic tests and procedures;
- Therapeutic interventions;
- Rehabilitation and therapy and
- Public health programmes.

Contact us
www.hsc.ac.uk
NHS Supply Chain

What we do
NHS Supply Chain provides customer-focused healthcare products and supply chain services to the UK’s National Health Service (NHS), enabling trusts, hospitals and other healthcare organisations to focus on patient care.

Our aim is to provide more than £1 billion savings to the NHS over the next 10 years so that resources are released for NHS trusts and healthcare organisations to focus on quality frontline patient care, manage costs and achieve sustainable value.

We provide end-to-end chain services incorporating procurement, logistics, e-commerce, and customer and supplier support.

We manage the procurement and delivery of 620,000 products for more than 600 healthcare organisations.

NHS Supply Chain is committed to supporting innovation in everything we do by working alongside clinicians to understand their demand for innovation and matching demand with availability from suppliers.

We encourage suppliers to tell us about new or innovative products once they are ready for market so that we can evaluate them and if deemed innovative, offer them through NHS Supply Chain. We now have a formalised process to manager supplier innovation and offer the chance for a product’s innovation level to be assessed and considered for a pilot contract. This is called the supply chain Innovation Scorecard.

http://www.supplychain.nhs.uk/services/innovation/supplier-innovation/

Contact us

https://www.supplychain.nhs.uk
Offices of Life Sciences (Department of Health)

What we do
The Office for Life Sciences champions research, innovation and the use of technology to transform health and care service.

We aim to improve patient outcomes and support economic growth.

Life sciences in the UK
The UK has one of strongest and most productive life sciences sectors in the world generating turnover of over £50 billion. The sector comprises nearly 5,000 companies (including non-manufacturing and service companies), and employs an estimated 175,000 people. Life sciences in the UK contributes to patient wellbeing as well as supporting employment and growth.

The industry is high-tech, innovative and highly diverse, spanning pharmaceuticals, medical technology (devices and diagnostics) and medical biotechnology, and has applications across many other sectors. Through the development of innovative medicines, medical technologies and services, its businesses contribute to a stronger and fairer society, helping people enjoy better health, well-being and quality of life.

More information about the sector can be found in our publication ‘Strength and opportunity’

Our partners
We work closely with UK Trade and Investment (UKTI). We also work with other agencies and organisations including the Medicines and Healthcare Products Regulatory Agency (MHRA), and NHS England.

We consult closely with the sector by means of 2 ministerial groups co-chaired with industry. MISG (Ministerial Industry Strategy Group) and the MMTSG (Ministerial Medical Technology Strategy Group).

Contact us
https://www.gov.uk/government/organisations/office-for-life-sciences
officeforlifesciences@bis.gsi.gov.uk
Rapid Review Panel (Department of Health)

What we do
Its role is “to provide a prompt assessment of new and novel equipment, materials and other products or protocols that may be of value to the NHS in improving hospital infection control and reducing hospital acquired infections”

Following review one of seven recommendations is given:
1. Basic research and development, validation and recent in use evaluations have shown benefits that should be available to NHS bodies to includes as appropriate in their cleaning, hygiene or infection control protocols.
2. Basic research and development has been completed and the product may have potential value; in use evaluation/trials are now needed in an NHS clinical setting.
3. A potentially useful new concept but insufficiently validated; more research and development is required before it is ready for evaluation in practice.
4a. Not a significant improvement on equipment/materials/products already available which claim to contribute to reducing health care associated infection; no further consideration needed.
4b. Unlikely to contribute to the reduction of health care associated infection; no further consideration needed.
5. Insufficient clarify/evidence presented to enable full review of the product.
6. An already well-established product that does not merit further consideration by the Panel.
7. The product is not sufficiently related to infection control procedures to merit consideration by the Panel.

Products to be assessed will normally be expected to satisfy the following criteria before being referred to the panel:

i. To be new/innovative with a clear potential to reduce hospital acquired infection.
ii. Composition of the compound (if applicable) or appropriate information provided by the manufacturer to ensure risk and safety assessments may be made.
iii. The in vitro activity of the product should be known.
iv. Anonymised clinical data to support the application should be provided.
v. Safety issues from the use of the product should be assessed.
vi. Medicinal or therapeutic products will not be considered.

Contact us
https://www.gov.uk/government/groups/rapidreview-panel
The Health Foundation

What we do
An independent charity supporting people working in health care practice and policy to make lasting improvements to health services. We carry out research and in-depth policy analysis, run improvement programmes to put ideas into practice in the NHS, support and develop leaders and share evidence to encourage wider change. Each year we give grants in the region of £18m to fund health care research, fellowships and improvement projects across the UK – all with the aim of improving health care quality.

Who we provide support to
We offer grants to individuals working in the health system, frontline teams and organisations through a mix of fellowships, open-call and topic-specific programmes. We also work with policy makers and others to help them understand how best to improve quality in health care.

How we could support the spread and dissemination of learning
We have a well-developed communications infrastructure, including a highly regarded website, and an e-newsletter that has thousands of subscribers and a different theme each month. We also bring people together to explore issues of importance to health care quality so may have events or other networking opportunities that would be relevant to those developing new care models.

Existing activities that local teams could join in with
There are four main opportunities for funding developing and testing new care models: Our Scaling Up Improvement programme opens spring 2015. Our innovating for improvement programme opens summer 2015. Our fully funded GenerationQ fellowship programme opens for application in autumn 2015. We are currently open for nominations via AHSNs to the founding cohort of our Q initiative, which aims to connect people with established improvement skills and experience.

Existing materials
Our website will have many different materials that may be of interest. The summary referred to earlier will include reference to materials we have identified as likely to be useful to the vanguard sites.

Contact us
Penny Pereira
info@health.org.uk
http://www.health.org.uk
https://www.facebook.com/thehealthfoundation
@healthfdn
UK Trade and Investment (UKTI)

What we do
UKTI works with UK based businesses to ensure their success in international markets through exports. We encourage and support overseas companies to look at the UK as the best place to set up or expand their business.

UKTI is a non-ministerial department

UKTI staff provide expert international trade advice and practical support to UK-based companies who want to grow their business overseas.

Through a range of unique services, we can help you trade successfully in foreign markets and become familiar with overseas business practices.

UKTI works closely with the Business Growth Services so that businesses with growth potential receive a joined-up support from government.

Contact us
https://www.gov.uk/government/organisations/uk-trade-investment
Wellcome Trust

What we do
Through the Technology Transfer Division, the Wellcome Trust is a committed funder of translational research. We help to bridge the gap between fundamental research and commercial application by funding applied research and development projects to a stage where they are attractive to a follow-on funder, such as venture capital firms, industry and public-private partnerships.

We support a wide array of projects across a spectrum of technologies and therapeutic areas; our key criterion is that the project addresses an unfilled medical need or is an enabling tool in healthcare research and development.

The schemes currently open are:

• **The Translation Fund:**
  Open to paradigm shifting programmes in all areas, with a current highlight on restoring the body.

• **Seeding Drug Discovery Initiative:**
  Focussed on small molecule medicinal chemistry led programmes

• **Health Innovation Challenge Fund:**
  A joint initiative with the Department of Health for projects that have the potential for clinical use or adoption within five years (themed areas).

• **Affordable Healthcare in India:**
  For India based Principal Investigators with a focus on affordability.

• **Pathfinders:**
  Seed funding for academic-industry partnerships in the area of orphan or neglected diseases.

The size and scope of Awards has varied from £25K up to £11.2 million, with projects ranging from six months to five years in duration.

Potential applicants can speak to a member of the Technology Transfer team for guidance as to the most appropriate scheme.

Contact us

http://www.wellcome.ac.uk/
## A guide to the Acronyms used in this document

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<th>Acronym</th>
<th>Full Form</th>
<th>Acronym</th>
<th>Full Form</th>
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<tbody>
<tr>
<td>ABHI</td>
<td>Association of the British Healthcare Industry</td>
<td>DBIS</td>
<td>Department of Business, Industry and Skills</td>
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<tr>
<td>ABPI</td>
<td>The Association of the British Pharmaceutical Industry (ABPI)</td>
<td>DVDs</td>
<td>Digital Versatile/Video Disc</td>
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<tr>
<td>AHSN</td>
<td>Academic Health Science Networks (currently being formed)</td>
<td>D4D</td>
<td>Devices for Dignity</td>
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<tr>
<td>AGNSS</td>
<td>Advisory Group for National Specialised Services (AGNSS) (Now in NICE)</td>
<td>EME</td>
<td>Efficacy and Mechanism Evaluation Programme (NIHR)</td>
</tr>
<tr>
<td>AMRC</td>
<td>Association of Medical Research Charities</td>
<td>EU</td>
<td>European Union</td>
</tr>
<tr>
<td>BHTA</td>
<td>British Healthcare Trades Association (BHTA)</td>
<td>I4i</td>
<td>Invention for Innovation Programme (NIHR)</td>
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<tr>
<td>CCG's</td>
<td>Clinical Commissioning Groups (CCGs)</td>
<td>IVD</td>
<td>In Vitro Diagnostic (products)</td>
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<tr>
<td>CQUIN</td>
<td>Commissioning for Quality and Innovation</td>
<td>HDAS</td>
<td>Healthcare Databases Advance Search (NICE HS Evidence)</td>
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<tr>
<td>CE Mark</td>
<td>An indicator of a medical technology product’s compliance with EU legislation.</td>
<td>HEE</td>
<td>Health Enterprise East Innovation Hub</td>
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<td>CLRNs</td>
<td>Clinical Learning and Research Networks, (NIHR).</td>
<td>HEIs</td>
<td>Higher Education Institutes</td>
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<tr>
<td>DAP</td>
<td>Diagnostics Assessment Programme (NICE).</td>
<td>HPA</td>
<td>Health Protection Agency</td>
</tr>
<tr>
<td>DH</td>
<td>Department of Health</td>
<td>HTA</td>
<td>Health Technology Assessment Programme (NIHR)</td>
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<td>HTC’s</td>
<td>Healthcare Technology Co-operatives</td>
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<td>IP</td>
<td>Intellectual Property</td>
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<tr>
<td>IPP</td>
<td>Interventional Procedures Programme, (NICE)</td>
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<tr>
<td>LTC’s</td>
<td>Long Term Conditions</td>
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<tr>
<td>Medilinks</td>
<td>MedilinkUK - a national health technology business support organisation</td>
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<tr>
<td>MedTech</td>
<td>Medical Technology companies</td>
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<td>MHRA</td>
<td>Medical Healthcare products Research Agency</td>
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<tr>
<td>MTEP</td>
<td>Medical Technologies Assessment Programme, (NICE)</td>
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<tr>
<td>NHS</td>
<td>National Health Service</td>
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<td>NIC</td>
<td>NICE Implementation Collaborative (NIC)</td>
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<td>NICE</td>
<td>National Institute for Health and Care Excellence</td>
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<td>NIHR</td>
<td>National Institute for Health Research</td>
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<td>NISE</td>
<td>NHS Innovation South East Innovation Hub</td>
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<td>NISW</td>
<td>NHS Innovations South West Innovation Hub</td>
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<tr>
<td>NTAC:</td>
<td>National Technology Adoption Centre</td>
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<td>NOCRI</td>
<td>NIHR Office for Clinical Research Infrastructure</td>
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<tr>
<td>PASA</td>
<td>NHS Purchasing and Supply Agency</td>
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<tr>
<td>PICD</td>
<td>Department of Health’s Procurement, Investment and Commercial Division</td>
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<tr>
<td>RCUK</td>
<td>Research Council UK Ageing: Lifelong Health and Wellbeing programme</td>
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<tr>
<td>R&amp;D</td>
<td>Research and Development</td>
</tr>
<tr>
<td>SBRI</td>
<td>Small Business Research Initiative</td>
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<tr>
<td>SEHTA</td>
<td>South East Health Technologies Alliance</td>
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<tbody>
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<td>SMEs</td>
<td>Small and Medium Sized Enterprises</td>
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<td>TILS</td>
<td>Trust Innovation Leads employed by NHS Innovations South West</td>
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<tr>
<td>UK</td>
<td>United Kingdom</td>
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<tr>
<td>UKTI</td>
<td>UK Trade and Investment</td>
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<tr>
<td>USA</td>
<td>United States of America</td>
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Road Map of organisations that support Innovation

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Robert Chesters, Innovation Lead

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