

SHEFFIELD CITY REGION

Working for health and wealth

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Sheffield
City Region

The challenge

- Richer society = better health
- Income in Yorkshire is 80% of national average
- £4 gap in productivity per person per hour between north and south – ill health accounts for 30% of this
- Workers with ill health in the North are 39% more likely to lose their job than in the rest of England
- If they return to work, their wages are 66% lower
- Many health outcome measures are poorer and life expectancy varies by as much as 10 years across the region



Health & Wealth Gap

SCR – Economic Growth Ambitions

Over the next 10 years

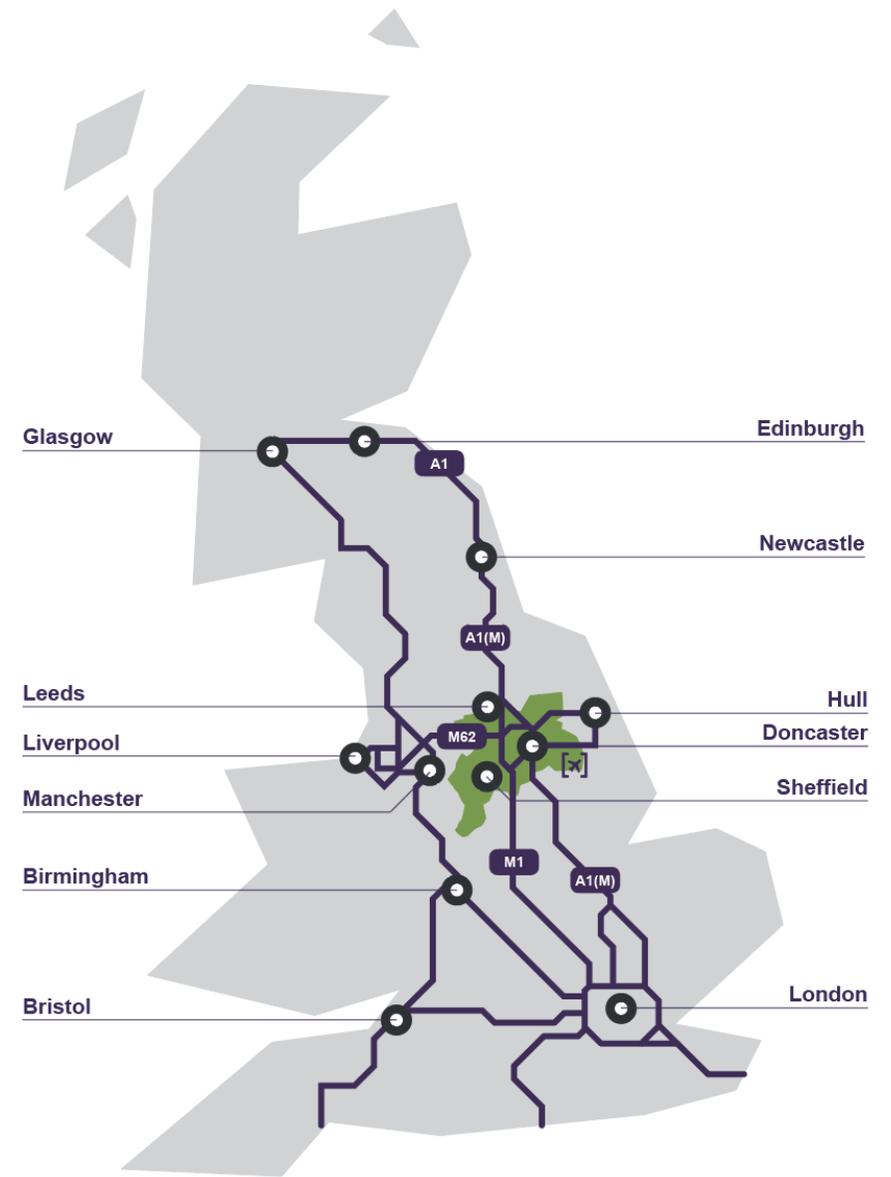
- 70,000 net additional jobs
- increase GVA by 10% (or £3 billion) and
- create 6,000 new businesses years



SCR Role and Vision

Opportunities for health and wellbeing led growth

- World-class specialisms in advanced manufacturing and innovation which major driver of economic growth.
- Two of the best universities in the UK for teaching & research
- Olympic legacy park - Advanced Manufacturing Research Centre, Advanced Wellness Research Centre, Child Health Technology Centre,
- 2 National Medtech and In-vitro diagnostic Co-operatives (or MICs) on child health technology and devices for dignity
- More medtech companies than Oxford



SCR INFRASTRUCTURE

Aligning Priorities

- Transport Vision – based on the importance of active transport
- Mayor's role in raising the profile of excess winter deaths – convening round table later this year
- Leveraging the regions advanced wellness specialism overseas



Aligning agenda

Role of YHAHSN and how we support SCR ambitions

29 March | 2019



YORKSHIRE & HUMBER
ACADEMIC HEALTH SCIENCE NETWORK



YORKSHIRE & HUMBER
ACADEMIC HEALTH SCIENCE NETWORK

Our continuing mission is to spread healthcare innovation at pace and scale



Improving health



Driving down costs



Stimulating economic growth



YORKSHIRE & HUMBER
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**YHAHSN is part
of a connected
'Network of
Networks'**



The AHSN Network

Our collective impact since 2013



Over
330 innovations
introduced through
AHSN influence



Over
22 million
patients
benefited
from AHSN
input



Over
£330 million
leveraged by
AHSNs



Over
11,000 locations
actively developing
& using innovations
supported by AHSNs



Over
500 jobs
created



Hundreds
of commercial
innovators
supported

Our national priorities

- Adoption & spread programmes
- Delivery of Patient Safety Collaboratives (PSC)
- Delivery of SBRI Healthcare
- Delivery of NHS Innovation Accelerator (NIA)
- Supporting uptake of products on Innovation Technology Payment (ITP)
- Stimulating economic growth: the Innovation Exchange
- Transforming digital health and maximising potential of AI
- Working with researchers
- Optimising use of medicines



Spread and adoption of innovation: national programmes

Emergency Laparotomy Collaborative

A collaborative approach to improving standards of care for patients undergoing emergency laparotomy surgery.

PReCePT

Working with maternity units to use magnesium sulphate to prevent cerebral palsy in preterm labour.

Transfers of Care Around Medicine (TCAM)

Help for patients who need extra support taking prescribed medicines when they leave hospital.

Atrial Fibrillation (AF)

Sharing learning and spreading best practice from across the 15 AHSNs to reduce AF-related strokes.

PINCER - preventing prescribing errors

Supporting pharmacists and GPs to identify patients at risk from their medications and taking the right action.

Serenity Integrated Mentoring (SIM)

Bringing together police and healthcare professionals to make a positive difference to the lives of people with complex mental health needs.

ESCAPE-pain

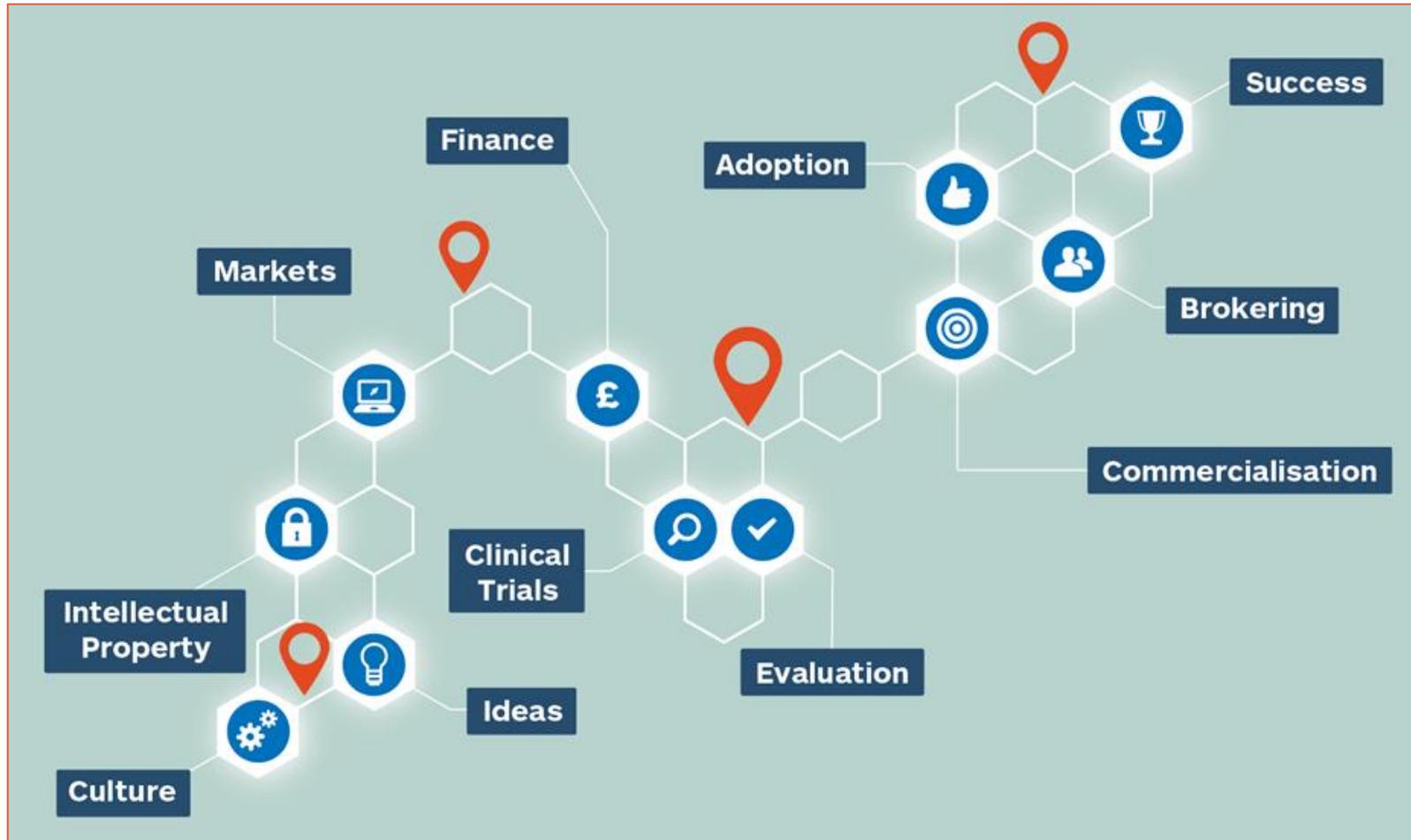
A group rehabilitation programme for people with knee and/or hip osteoarthritis, providing self-management support in the community.

Patient Safety Collaborative

- 15 Patient Safety Collaboratives (PSCs) in England
- Joint initiative, funded and nationally coordinated by NHS Improvement, with the regional PSCs organised and delivered locally by the AHSNs
- PSCs support and facilitate improvement across the NHS with focus on quality improvement and working directly with local teams
- Nationally agreed areas for focus:
 - 1. Deterioration**
 - 2. Maternal and neonatal**
 - 3. Medicines safety**
 - 4. Spread and adoption**



The Innovation Pathway



Supporting innovators...

- from wherever they are in the system &
- across the whole innovation pathway



YHAHSN Local Programmes

- Commissioned by ICS/STPs
- Focus here on population health programmes
- Potential for other local commissions



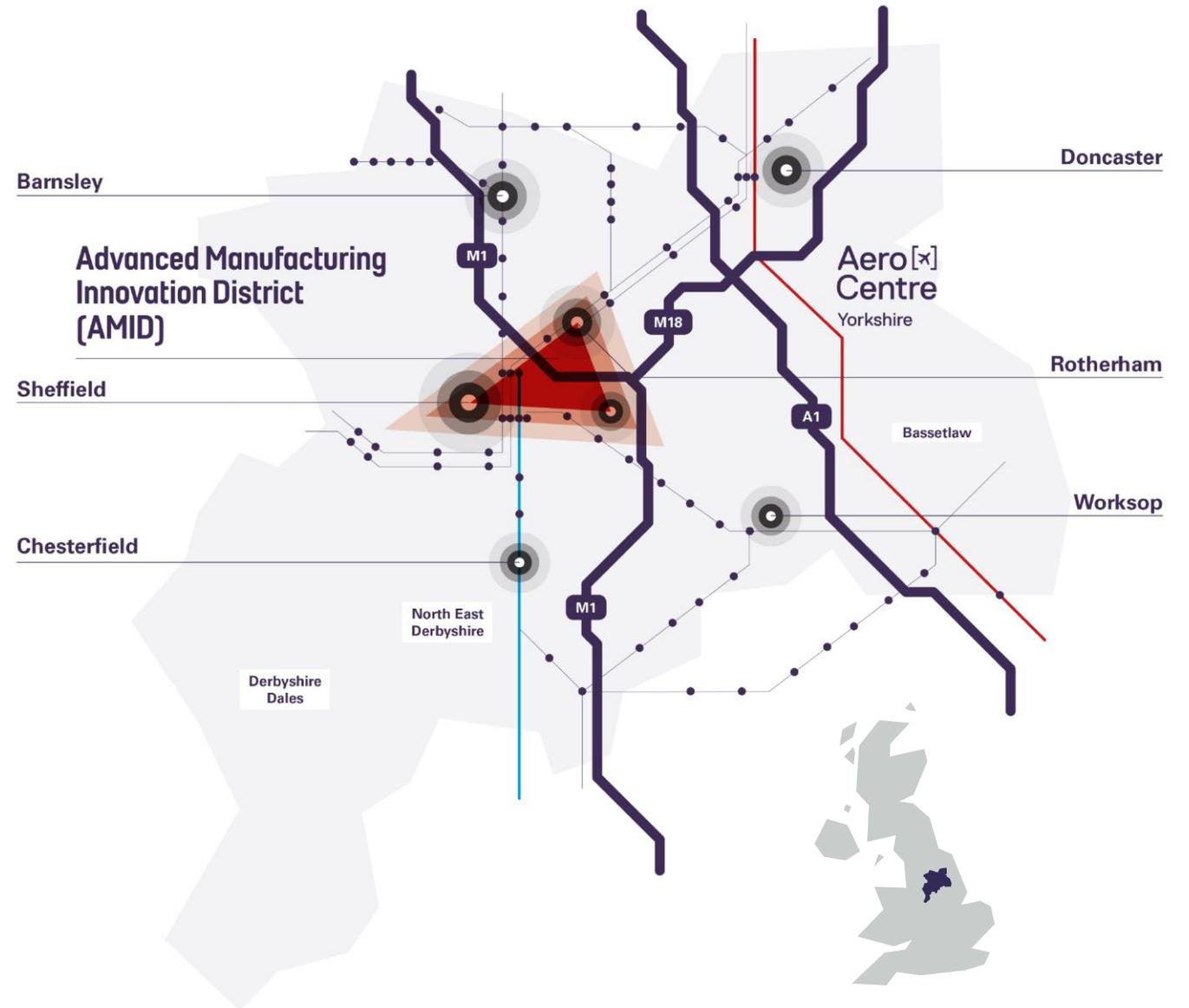
Examples of YHAHSN local programmes

- Yorkshire & Humber Care Record – improving direct care, providing citizen access to information (self-care) and understanding population health.
- WY&H Housing for health gain – mapping opportunities to collaborate with housing providers and interventions to improve health and care outcomes.
- SY&B self management CVD – identifying solutions to an identified need for better tools to support patients
- HC&V Quit Genius – digital smoking cessation app based on CBT being tested



In conclusion

- Welcome Long Term Plan focus on prevention
- Clear about the link between health and wealth and the challenge
- Increasing opportunities for collaboration and to align agendas
- Exciting opportunities for health innovation led growth for benefit of people Y&H:
 - Alignment with Y&H growth ambitions
 - Strengths in medtech, digital and advanced manufacturing
 - Developing infrastructure and skills
 - YHAHSN as the catalyst



Conclusion