

THE NHS AND SOCIAL CARE LANDSCAPE EXPLAINED

Tuesday, July 20, 2021
10:00 – 12:00



Supported by the 2014-2020 European Structural & Investment Funds Programme

Welcome and Introductions

Russell Watkins
Commercial Director
AHSN NENC



Health
Network
North



Academic Health
Science Network
North East and North Cumbria



Innovation
SuperNetwork™
NORTH EAST ENGLAND

Supply Chain
North East

Business
Durham 



Agenda

10:00	Welcome and Introductions Russell Watkins, Commercial Director, AHSN NENC
10:05	The current health priorities and what does the world look like in the Integrated Care System Sir Jim Mackey, Chief Executive, Northumbria Healthcare NHS Foundation Trust Questions
10:35	The current big issues in social care in the North East Jane Robinson, Corporate Director of Adult Social Care and Health, Durham County Council Questions
11:00	Looking to the future: COVID and Beyond Example of Health and Care Innovation: Health Call in care homes and remote monitoring in Durham Sarah Douglas, Project Manager – Supporting the Provider Market (STPM) Adult and Health Services, Durham County Council Catherine McShane, Clinical Lead, Health Call
11:15	AHSN NENC – The Ecosystem and Innovation Pathway Russell Watkins, Commercial Director, AHSN NENC
11:30	Business Durham Update Janet Flowers, Innovation Engagement Officer, Business Durham
11:45	Questions and Feedback
12:00	Close

Thank you to our speakers



The current health priorities and what does the world look like in the Integrated Care System

Sir Jim Mackey
Chief Executive

Northumbria Healthcare NHS Foundation Trust





Burke Eliza (RTF) NHCT



Carruthers Alexander (RTF) NHCT

The current big issues in social care in the North East

Jane Robinson, Corporate Director of Adult Social Care and
Health, Durham County Council, and
Chair of the NE Association of Directors of Adult Social
Services



Social Care Landscape

Jane Robinson

Regional Chair North East ADASS



What is ADASS?

- ADASS is the ***Association of Directors of Adult Social Services*** in England
- ADASS is a charity and an independent voice of adult social care.
- We work to promote higher standards of social care services, influence policies & decision-makers to transform the lives of people needing & providing care.
- ADASS has 10 regional branches which bring together multiple local authorities in their region.
- The North East ADASS branch is made up of 12 local authorities.

What is social care?

- Personal care
- Support in people's own homes
- Support in day centres
- Care provided by care homes and nursing homes
- Reablement services
- Aids and adaptations for people's homes
- Information and advice;
- Support for family carers.

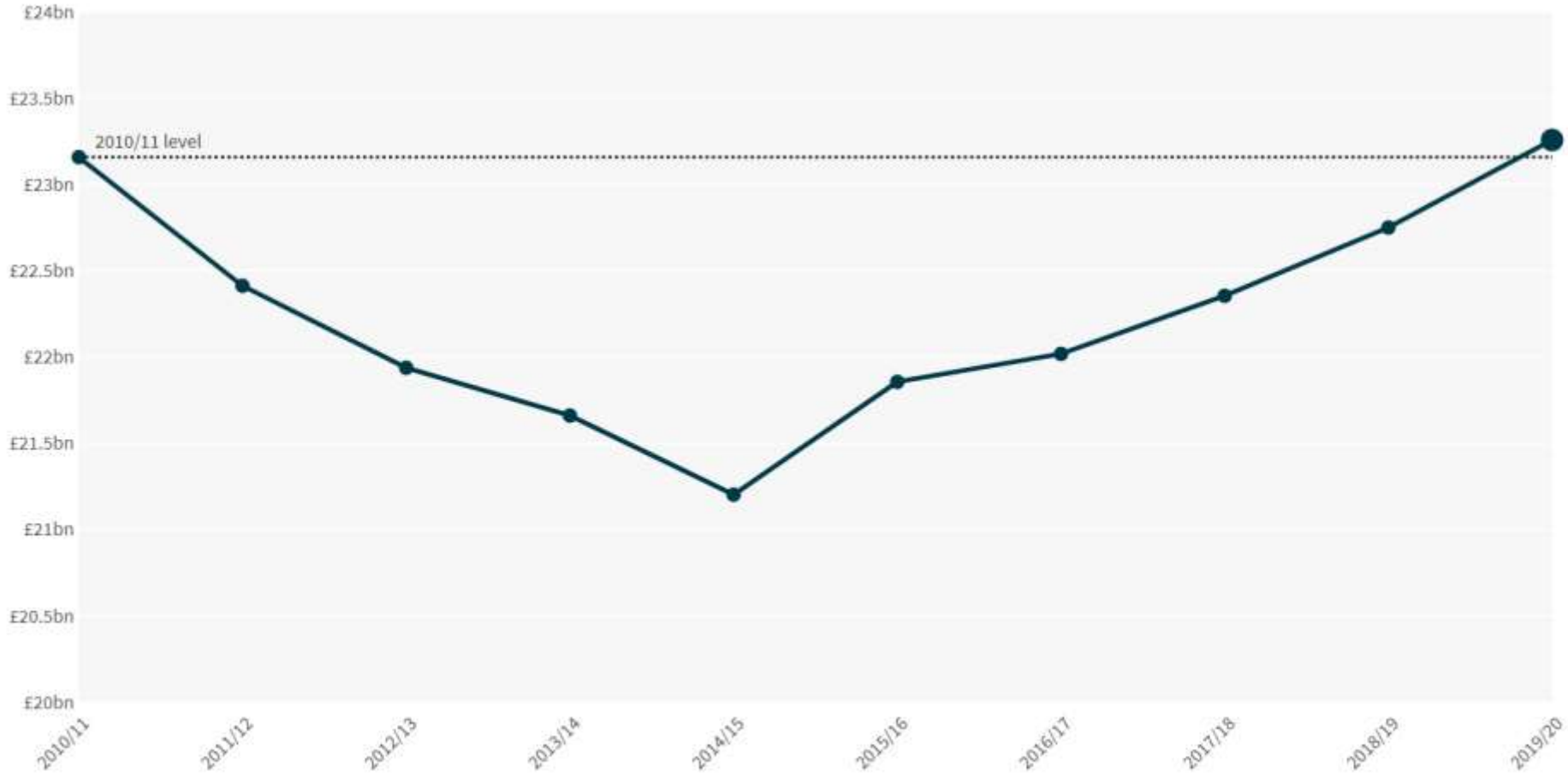
Who provides social care?

- Local authorities are responsible for assessing people's needs and funding arrangements.
- Most social care services are delivered by independent sector
- Many people with disabilities directly employ individuals ('personal assistants') to provide their care and support.

Resources



How much does it cost?



Source: NHS Digital • Figures adjusted for inflation using December 2020 GDP deflators from HM Treasury

Half of spending on adults under 65

65% of spending on older adults is for physical needs

70% of young adult spending is on learning disabilities

£10.9 billion on privately purchased care

Picture of the North East

- 121,740 requests for support
- 19,925 completed episodes of short-term care
- 54,495 clients accessing long term support during the year 19/20
- £1,283,969,000 spent in the North East

The Costs Challenges



COVID-19: the cost

- 469 social care workers died from COVID.
- Providers with increased staffing costs of £1.018 billion to be safe
- PPE costs will total £4.179 billion
- There are a further nearly £700 million of extra costs
- Long COVID
- Unmet needs

Funding pressures

- Cost up by £8.5 billion
- Funding up by only £2.4 billion
- £6.1 funding gap over last 10 years
- £4.1 billion met by making savings
- £2 billion diverted
- An estimated future funding gap of £2.7 billion

Workforce

- 1.4 million work in the NHS
- 1.6 million work in adult social care
- In the North East 71,300 work is social care
- Social Care average earnings = £17,300
- NHS average earnings = £29,900
- Turnover rate of 26%
- Rest and recognition

Wider challenges upcoming

- COVID recovery - dealing with hidden harm
- Health and Care Bill
- Liberty Protection Safeguards
- Domestic Abuse Act
- Alcohol and substance misuse
- Mental health
- Safeguarding
- Creating and sustaining a vibrant independent market

Quality
Opportunities
Contributions



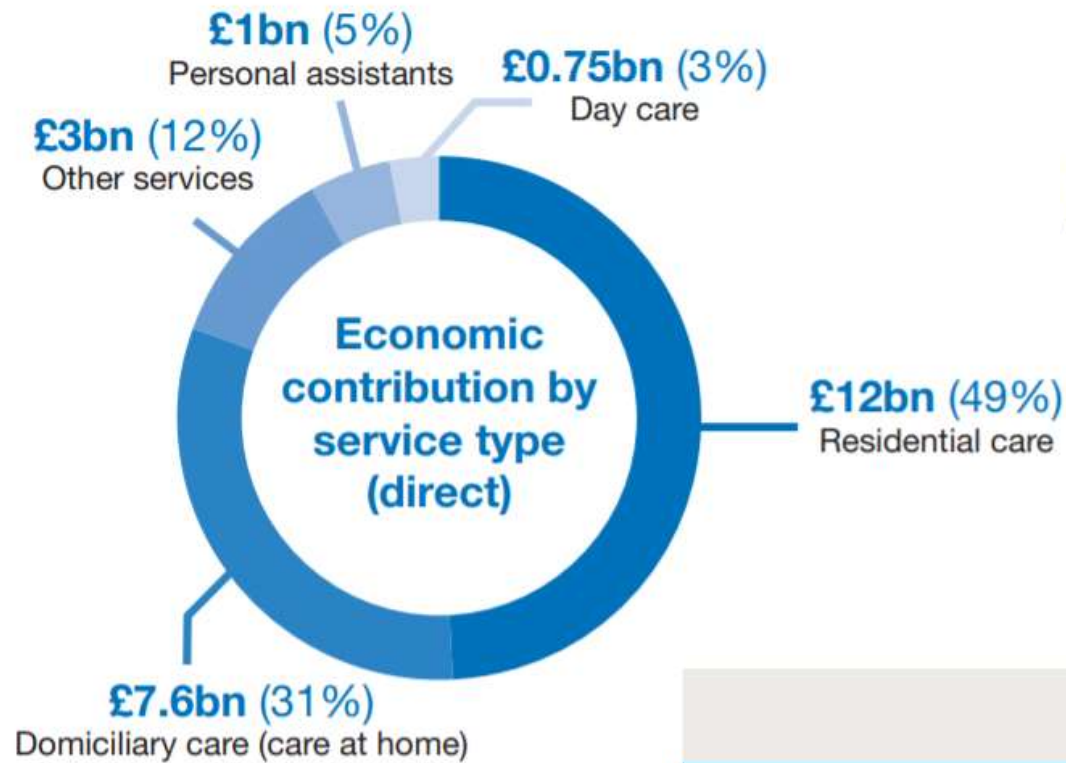
COVID: the learning

- Has highlighted the true value of ASC to the public.
- Demonstrated the importance of social work & safeguarding people.
- Highlighted that councils are the right home for ASC.
- Covid-19 magnified & exposed challenges that have faced ASC for more than a decade.
- Showcased the skill, compassion & dedication of care staff across the country.

Quality and Feedback

- 80.2% of services are rated *Good* or *Outstanding* by the Care Quality Commission
- Collective regional performance for 23 reportable ASCOF measures shows the following:-
 - 18 were at or better than the England average
 - 14 measures performance were in top 3 of all 9 England regions, 12 of which were ranked number 1

From cost to contribution



The total number of adult social care jobs in the UK.

2.6 million jobs

(1.8 million full time equivalents (FTEs))



Opportunities

- Research – plethora of key pieces of research
- Digital agenda:
 - care records
 - People using technology to be connected
 - Tech-enabled care
- Investment in capital in terms of place-based alternatives
 - Housing
 - Transport
 - Infrastructure of towns
 - Employment opportunities for working age adults who receive services

Thank you

Jane Robinson

Regional Chair

North East Association of Directors of Adult
Social Services



Looking to the future: COVID and Beyond

Example of Health and Care Innovation: Health Call in care homes and remote monitoring in Durham

Sarah Douglas, Project Manager – Supporting the Provider Market (STPM)
Adult and Health Services, Durham County Council
Catherine McShane, Clinical Lead, Health Call





Health Call Digital Care Home

Health *Call*

www.nhshealthcall.co.uk

History of Health Call Digital Care Home (HCDCH)



Why...?



Improved patient care



Improved data sharing



More efficient referral
process

Pandemic Reasons

Improved access to
health services

Remote monitoring
of patients

Reduced footfall

Increased digital
connectivity with
the Care Homes

Maximising Patient Safety & Care



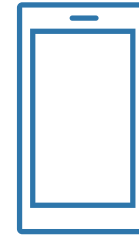
125 care settings live
(County Durham &
Darlington)



Over 4,000 resident
s registered



Over 1,400 staff
trained



Over 30,000 referrals
made



Families reassured



More time for
patient care



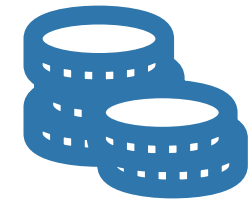
Able to triage and
prioritise referrals



3.4 hospital
admissions saved
per month per care
home
(pre pandemic)

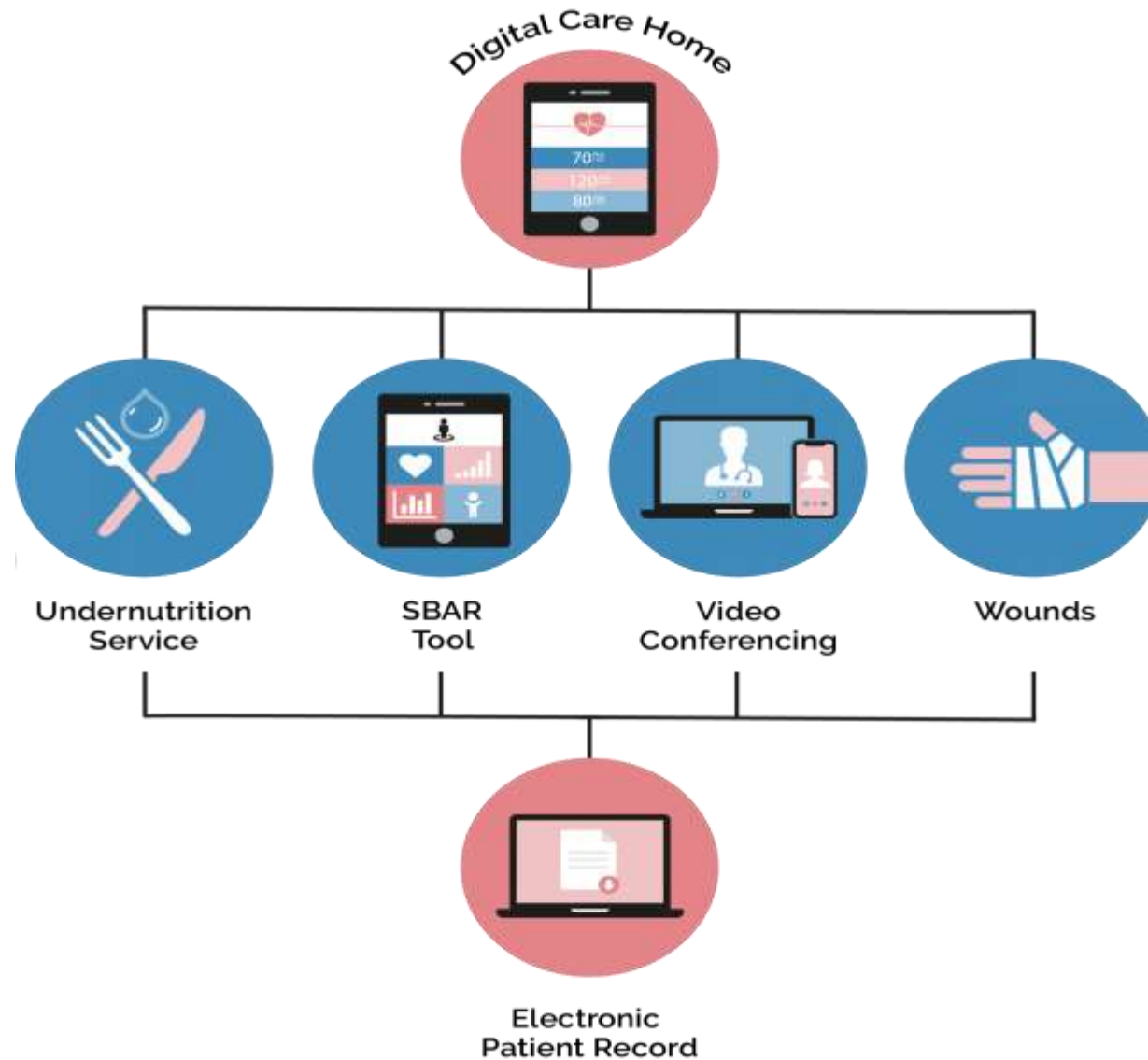


Reduction in
inappropriate nurse
visits by 1/3
(pre pandemic)

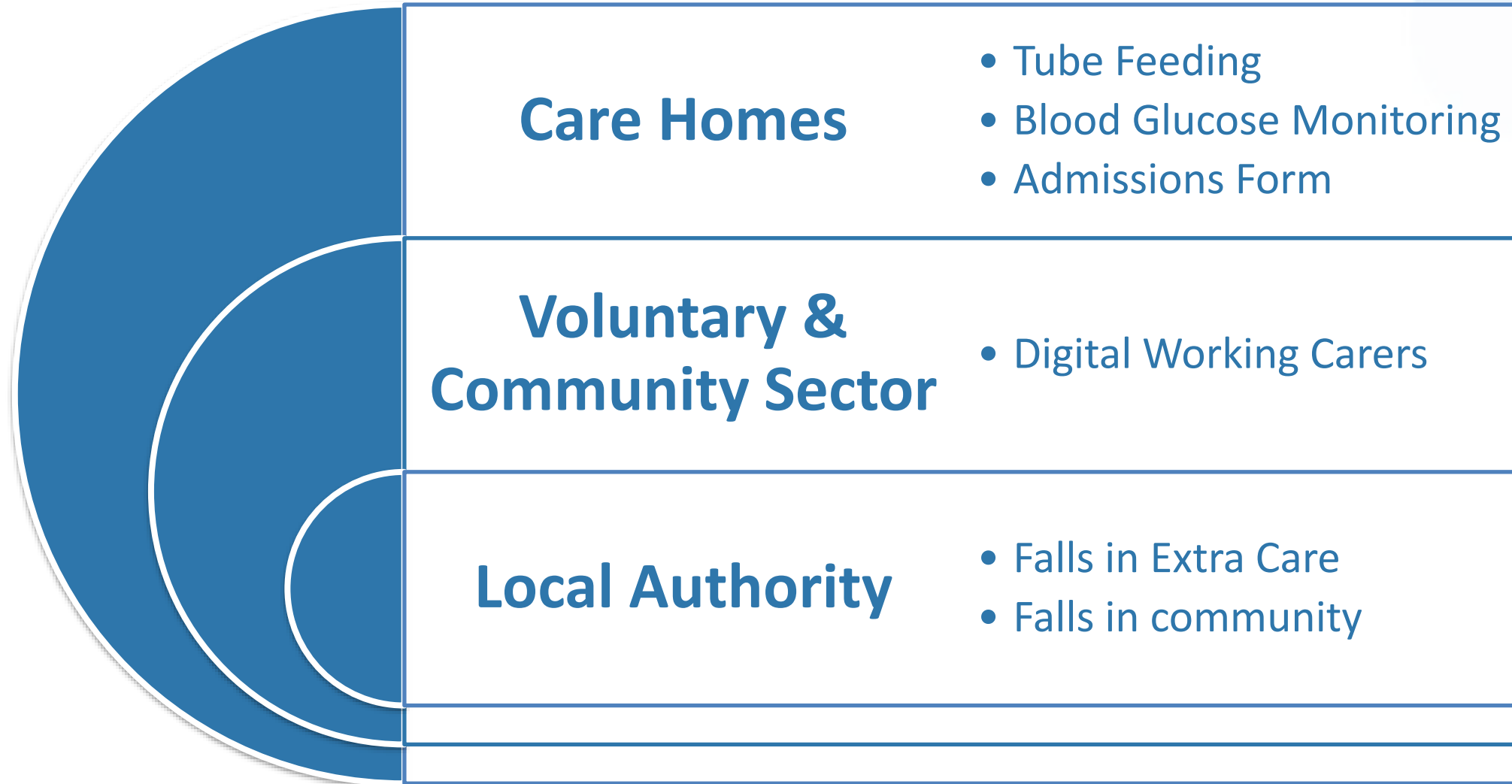


Estimated
cost savings of
>£8m

Maximising Patient Safety & Care



Current Developments



Potential New Areas of Work

VCS / Community Groups

Lunch Clubs –
weighing
people for
dietitians

Signposting
for support

People with a Learning Disability

Learning
Disability
Annual Health
Checks

General
health
promotion

Domiciliary Care

Improved
access to
health
services

Improved
data sharing

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AHSN NENC

The Ecosystem and Innovation Pathway

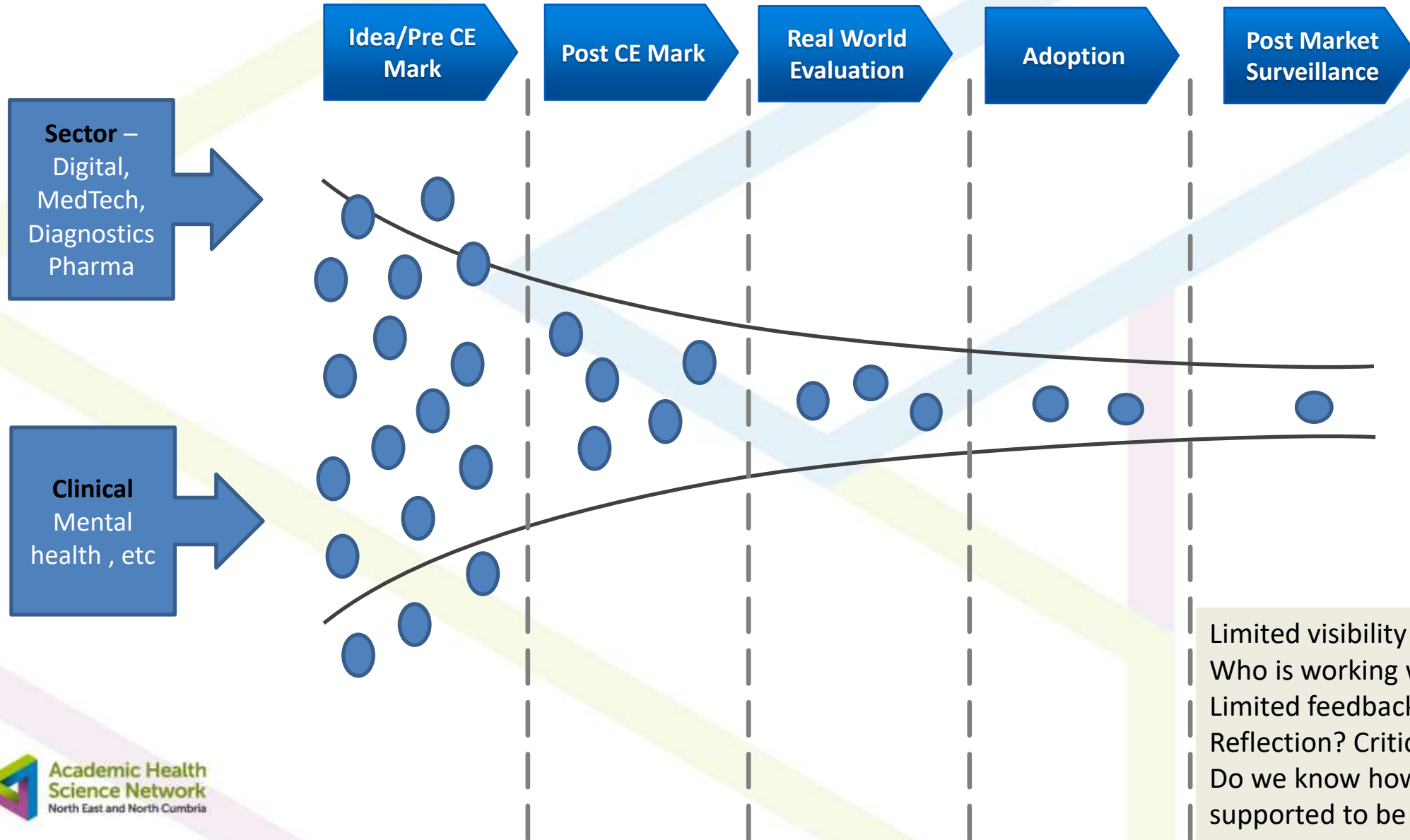
Russell Watkins
Commercial Director
AHSN NENC



Feedback from Innovators about their journey into the NHS



Current Innovation Funnel....



A Digital Revolution - The Innovation Pathway



Pathway Navigator assigned - Internal AHSN NENC triage



Pathway Navigator assigned - Internal AHSN NENC triage



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Pathway Navigator assigned - Internal AHSN NENC triage



Pathway Navigator assigned - Internal AHSN NENC triage



Pathway Navigator assigned - Internal AHSN NENC triage



The opportunity is now... Policy Drivers

We are united in our desire to make the lives of people living in the NENC better, through innovation, and there are opportunities there to ensure that this is the right time to get going with that agenda, namely:

BREXIT and the Levelling Up agenda

There is an increasing focus on 'UK Make' and looking towards investment outside of the Golden Triangle. Need to be ready for the opportunity!

COVID Response and Recovery

The pandemic has provided significant change in the way the NHS operates and its use of digital products and the need to look at monitoring of patients away from traditional hospital and GP settings creates the opportunity. Developing new health innovations and getting them to market faster will enable both social recovery (through new treatments, diagnostics, products, services) and stimulate economic recovery through new businesses, more and better jobs and supply chain opportunities

Economic Growth Recovery

The economic impact of the pandemic will be seen for years to come, and there is increasing emphasis on the public sector in the NENC being large employers playing its role in the economic recovery of the region and UK plc.

Changing policy and operating landscape

Health & Life Sciences is recognised as a strategically important sector in the North East – because of its clinical excellence, research expertise and the wealth of 'golden assets' to support innovation and business growth. The North East LEP recognises this project as a strategically significant 'enabling project' for the region, as it provides the opportunity to bring the stakeholders/ infrastructure together in a systematic and seamless way – which will provide the North East with a USP and (combined with all of our capabilities) become a destination of choice in UK plc - for businesses wanting to start or grow their businesses within Health & Life Sciences

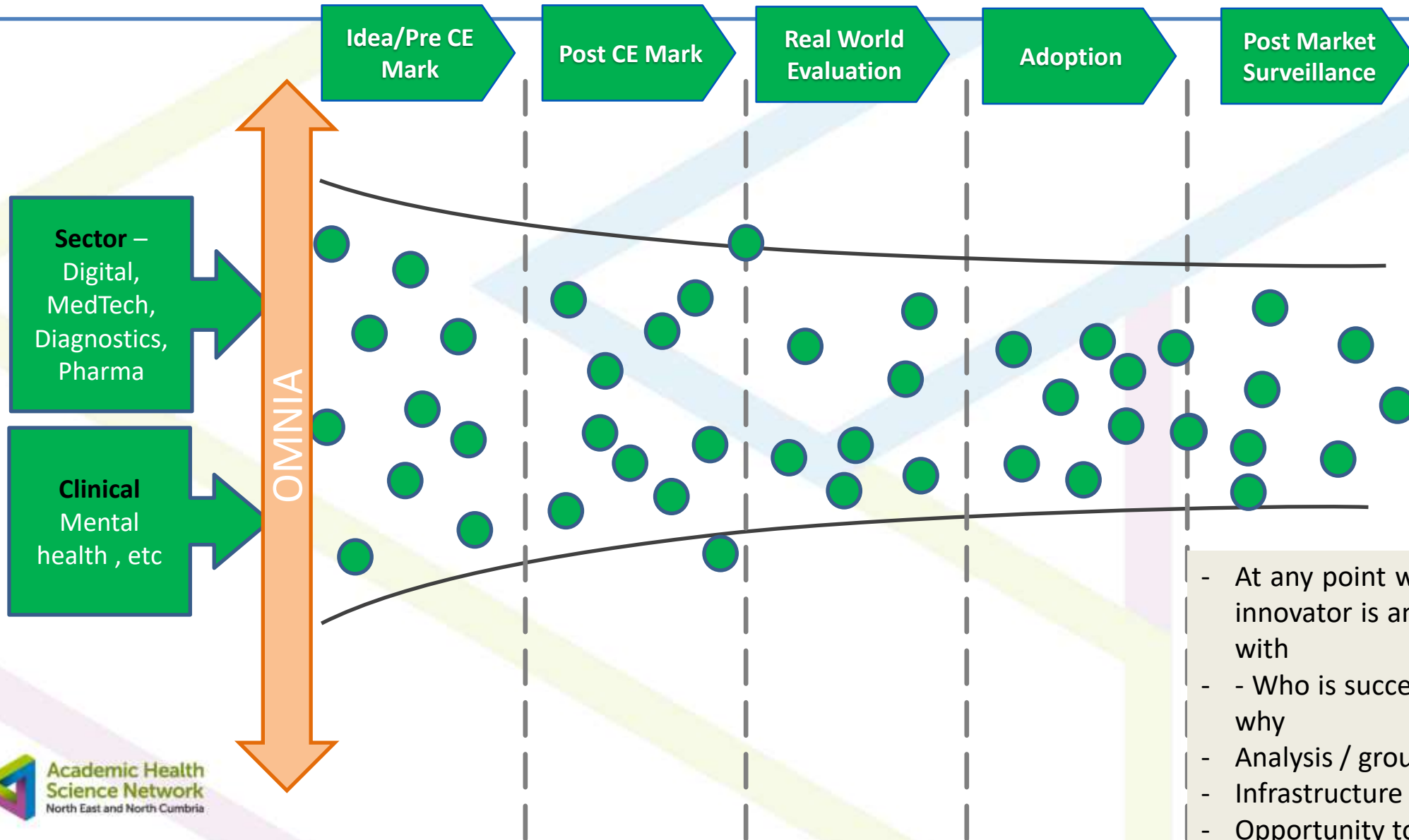
Innovation Pathway Aim and Mission

Our aim is to provide innovators with an easy to navigate, single point of access. The AHSN NENC will provide a bespoke support service across The Innovation Pathway using a systematic, transparent, co-ordinated approach to accelerate the route to NHS (and wider market) adoption.

Ecosystem Aim and Mission

To bring together the health and life science infrastructure in the North East & North Cumbria to showcase the region and ensure that innovators have the appropriate support they need to ensure the best chance of having their products or services adopted across the NHS/Social Care at pace and scale.

Innovation Funnel....after implementation of NENC Innovation Ecosystem



- At any point we can review where any innovator is and who they are working with
- - Who is successful and who is not and why
- Analysis / grounding in data
- Infrastructure unique to the UK
- Opportunity to review at any point

Thank you and any questions?

Business Durham

Janet Flowers
Innovation Engagement Officer
Business Durham



Durham Future Innovation Building

Programme January 2021 to July 2023



**Business
Durham** 



European Union
European Regional
Development Fund

NORTHERN 
POWERHOUSE

What is it?

Innovation



A County Durham wide design and R&D programme

To encourage a design innovation mindset, cluster development and opportunities

What to innovate? - Products, Processes, Services

Why innovate?

- 2021 is a “make-or-break” year to limit the global temperature rise by 1.5 degree Celsius, as set out in the [Paris Agreement](#) on climate change. [UN.org](#)
-
- Companies which try to keep doing the same thing forever will eventually be outmanoeuvred by a competitor who is willing to try something different. [Inc.com](#)
- We are living in times of unprecedented change, with tech entrepreneurs and innovators leading the way. [Technation.io](#)
- Electech, AI, clean, green, smart, autonomous, renewable, circular, enabling and assistive technologies, step change and more are all required in the next decade.

Business Durham 

 European Union
European Regional
Development Fund

 NORTHERN by Government
POWERHOUSE

Who can get involved?

SMEs

Construction

Health

Elec-tech – the enabler

- County Durham SMEs meeting the [EU definition](#)
- These are huge sectors involving many industry areas. You are likely to be in one of these industries or have capability to help them change
- Supply chain industries feeding in and out of these sectors

Health



Why innovate?

- Healthcare transformation and innovation has been accelerated by technological revolutions such as digital innovation, Industry 4.0 and 5G to drive telehealth, digital tech, stratified medicines, nutraceuticals, pharmaceuticals, robotic surgery, autonomous assistive and enabling engineering, immunotherapies, AI, 3d printing, biosensors, drones, oculus rift data led innovations and more.
- Whilst early adoption and application of technologies is important, there is also a significant amount of work to join up fragmented services, better treat patients and numerous customer journeys, departments and areas of healthcare, and a wider range of knowledge is required to support this transformation work inside and outside the NHS, including care organisations, charities, local authorities, and more. There are significant design, science and technology needs [gov.uk](https://www.gov.uk)
- Government priorities are to keep people safe, healthy, deliver sustainable health care, maximise health economic productivity, reduce costs, create value, and improve access to technologies for all stakeholders. ([gov.uk](https://www.gov.uk)) Related to this are an increase in diseases challenges, food production and quality, and opportunities from enabling technologies. [gov.uk](https://www.gov.uk)



Why join?



Great ideas? No time, capacity, resources, money or R&D department?



Reframe challenges, set goals across the business, start new transformative design thinking



Action plan 1 or 2 great ideas, with market potential and apply for R&D capacity and expertise to create.



Access a regional, national and international R&D capability, develop local clusters.



Design in green, circular, user experience, and align trends to goals.

Cluster creation

Why? SMEs

Construction

Health

Elec-tech – the enabler

- Companies that effectively collect, synthesize, and “collide” ... stand the highest probability of success. McKinsey Design
- Ecosystems allow access to new or enhanced capabilities, improve ability to scale, reduce operating costs and higher margins EY.com
- Clusters increase productivity to allow companies to compete nationally and globally, raising productivity Harvard Business School
- Tackle similar problems
- Access free training and action easy step change, setting and reaching attainable goals
- Gain fresh perspectives from other people to fast track change considerations at design stage

Innovation Stages and Support



Workshops & Masterclasses

Trends masterclasses create your mood and story boards

Workshops give you tools to analyse your business needs, directions, future goals, to start designing

You need to attend minimum 9 hours,



Innovation Preparation

Eligibility check for DFIB funding
Enquire

You can have lots of ideas, or no idea to start this process

Mentoring fills in the gaps, gives you more design thinking capability to set goals

Min 3 hours mentoring



Innovation Rigour

You create an action plan which is supported to discover your innovation/s, ideate, research, and apply tech and other expertise

The action plan is submitted to the panel if you apply for R&D funding



R&D Experts

You can find an expert locally, nationally or globally to help you create the innovation, if you are successful at gaining DFIB funding

If your innovation is not yet ready, there are lots of further ways to get you to where you want to be.



Innovation Completed

You create a prototype which is commercially ready to invest in, whether that is via your company or you seek further support.

You provide a case study of the innovation.

The business is monitored for growth and productivity

What funding is on offer?



The Innovation Research and Development grant
£10k - £50k
based on a 50% intervention rate of the SME

Supports an expert to help you design a prototype from **the best most relevant expertise regionally/nationally**



The Innovation Capacity grant

£6,250 towards 6 months
Min salary 25k, you would pay and innovation expert
£6250 based on this salary)

Supports internal embedding of R&D expertise
Your opportunity to grow



Applicants for DFIB must be SMEs based in County Durham.

ERDF rules apply



European Union
European Regional
Development Fund



Join your LinkedIn
cluster group



Construction
Health
Elec-tech

More information

[Durham Future Innovation Building Programme](#)

[Email: DFIB@durham.gov.uk](mailto:DFIB@durham.gov.uk)

[Enquire/Apply/Sign up to the DFIB Newsletter](#)



Questions and Feedback

Russell Watkins
Commercial Director
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