

Delivered in partnership with

*The***AHSN***Network*



# Innovation Collaborative

Briefing Pack



# Overview

Through the Innovation Collaborative, we will accelerate the deployment of innovative technologies to enable care to be delivered to people at home.

Across the country health and care teams have set up new ways to support people at home during the COVID-19 outbreak, many using digital tools to excellent effect, at an impressive pace. NHSX is supporting this work through the allocation of additional funding to help the seven NHS regions to undertake scaling at pace between September 2020 and March 2021.

These digital tools are an important step in making sure we deliver modern, responsive health and care services. They will empower people to monitor their own health and wellbeing; manage long term conditions; and receive care in their own homes when it is sensible and safe to do so.

NHSX has also partnered with the national Academic Health Science Network (AHSN) to establish a national Innovation Collaborative, creating a connected network to rapidly share learning and best practice in digital transformation across the NHS and care sector.



**Innovation collaboratives can be described as processes where multiple people and organisations contribute towards developing new products, services, policies, processes or business solutions. Working closely with the regional teams, the collaborative will provide support to frontline teams to identify, implement and evaluate the rapid scale of innovation using quality improvement science and other methodologies.**

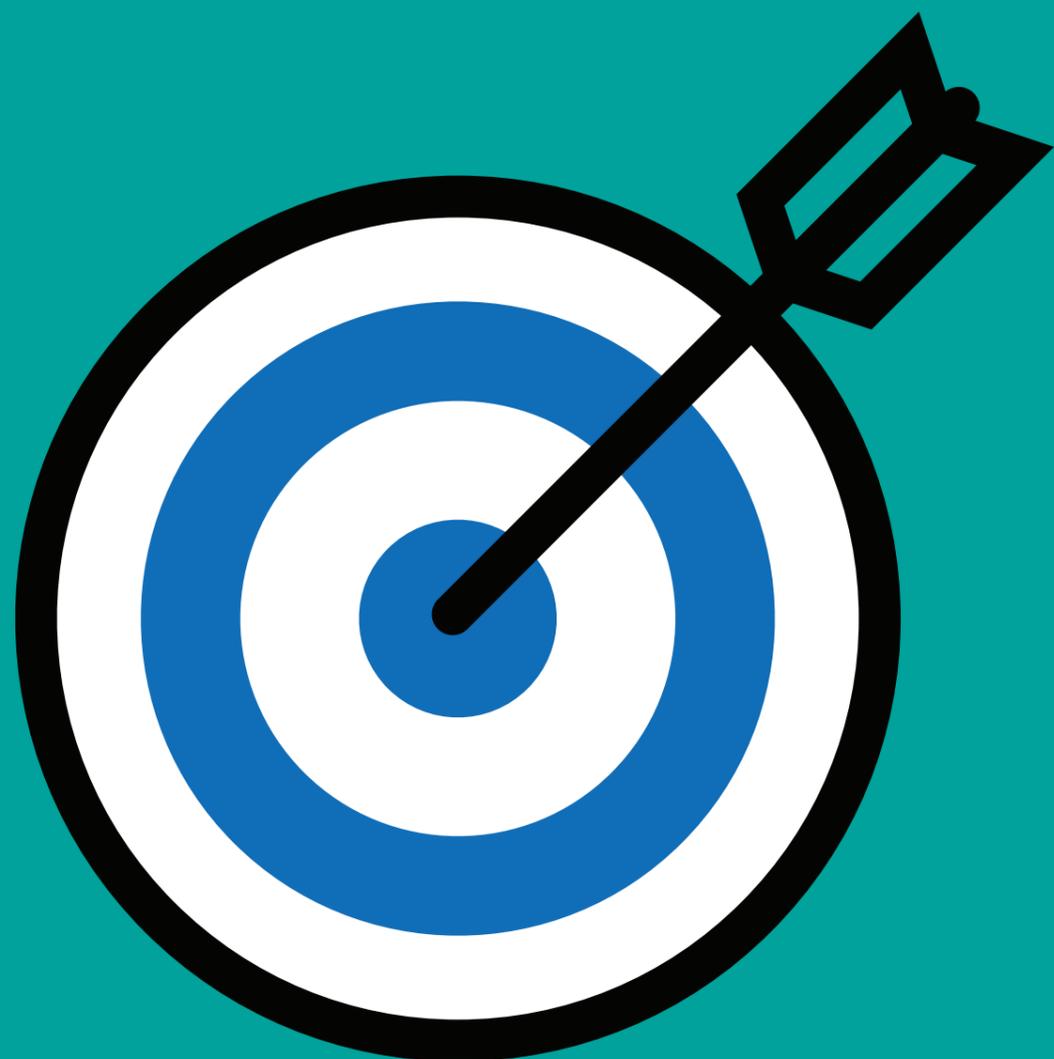
This will include consideration of the people, process and cultural factors that are needed to support digital transformation, as well as the technology itself. Teams will be provided with practical skills and support to develop

in these areas which are vital in enabling the successful deployment of new technologies. The insights and blueprints can then be shared and deployed across the country to benefit more patients and services.

The Innovation Collaboratives will empower people to be more involved in the management of their health condition, whilst enabling health and care staff to develop a better understanding of their patient's health over a period of time, providing timely and swift interventions. It will ensure citizens continue to receive the most appropriate care, at the right time within the right setting; whilst helping the NHS to better manage its resources within hospitals.



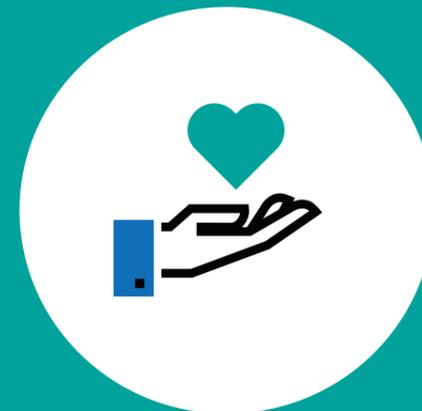
# Aims of the national Innovation Collaborative



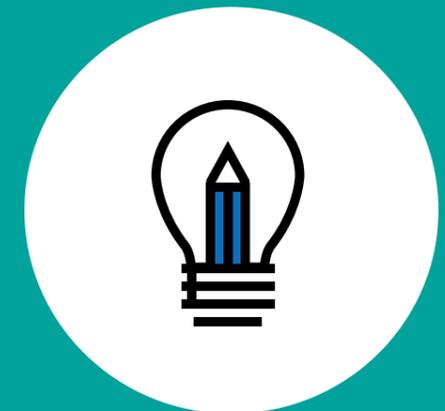
Identify and disseminate **information and knowledge** to support the rapid scale of digital innovation to improve health and social care outcomes whilst improving efficiency and productivity for staff.



Build capability across the regional teams through the application of improvement methodologies for **digital transformation**, with a specific focus on measurement for improvement and benefits realisation.



Provide **national support** across core themes as well as bespoke additional support for local efforts.

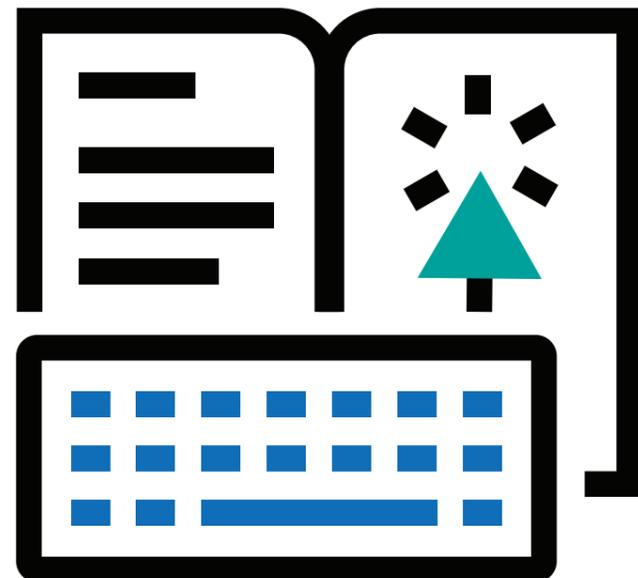


Deliver an inspirational **communications and marketing campaign** to motivate front line staff and regional teams to participate in the Innovation Collaborative.

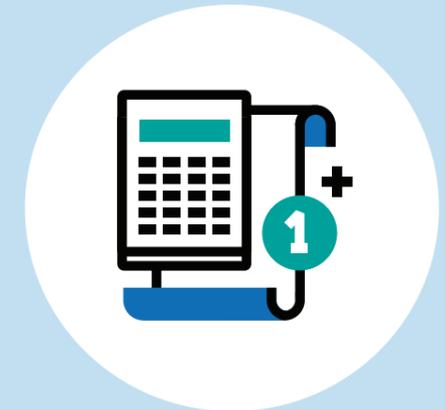
# The national Innovation Collaborative programme

NHSX has formed a partnership with the AHSN Network to deliver the Innovation Collaborative until March 2020, which will comprise four key programmes of work.

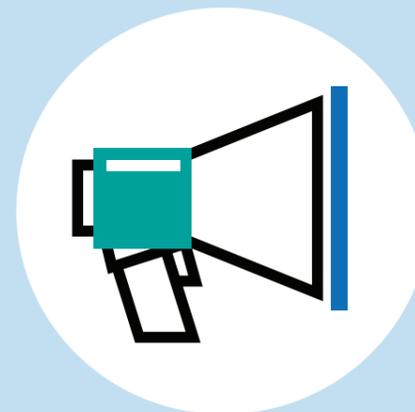
*The* **AHSN** Network



Communities of Practice



Health economics and business intelligence



Communications and marketing



Events and networking

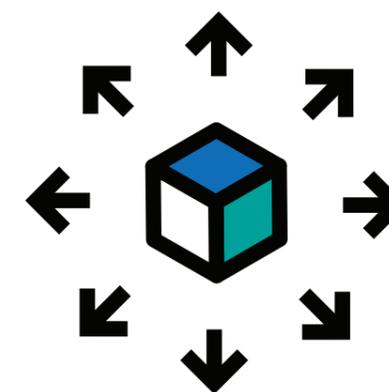
# Communities of Practice



Establishing a Communities of Practice across the key themes of **care homes; digital inclusion and exclusion; and improvement for digital transformation.**

Staff involved in the deployment of new technologies will join the Community of Practice and learn from each other's challenges and successes.

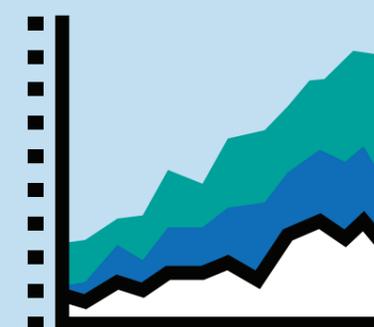
This includes sharing knowledge and information, establishing an inclusive collaborative network and increasing capacity and capabilities for digital transformation.



**Knowledge sharing and information spread**

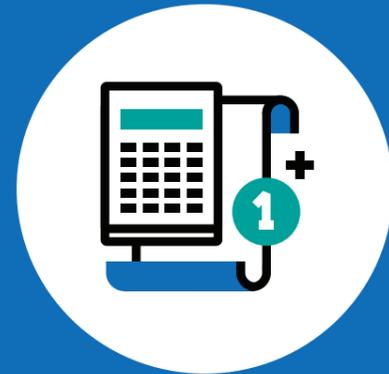


**Collaborative network culture**



**Increase capacity**

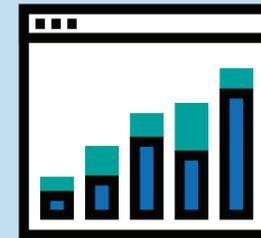
# Health economics and business intelligence



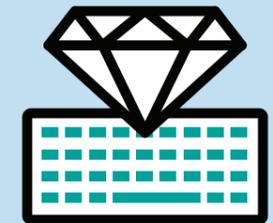
Demonstrating the benefits and impact of the innovations is a major focus of the Innovation Collaborative.

Regional teams will be provided with access to expert advice, training and support on health economics and cost-benefit analysis methodology, which they can apply to their own projects in practice.

The offer will include individual guidance for each regional project on measuring benefits and calculating return on investment based on local need.



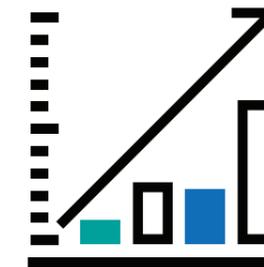
**Training events & workshops**



**Dedicated point of liaison**



**Individual guidance for each region**



**Templates for data capture**



**Suite of guidance tools via FutureNHS**

# Communications and Marketing

We will bring the work of the Innovation Collaborative to life by using compelling stories, case studies and content that demonstrate the positive benefits and impact the innovations have on patients, carers, clinicians and services. In keeping with the ethos of the Innovation Collaborative, we will use creative approaches to engage, inspire and build knowledge.



# Events and networking

As part of the Innovation Collaborative, health and care staff will benefit from attending a series of national events to share insights, progress and challenges.

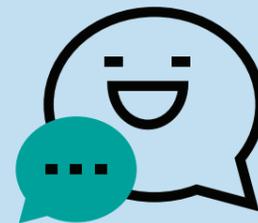
This will be supported by a suite of thought leadership sessions on topics determined by Innovation Collaborative members that will provide them with practical skills, knowledge and expertise needed to support digital transformation.



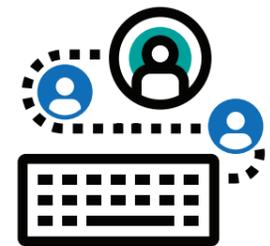
**Campaign**



**Storytelling**



**Digital & Social**



**Events**

# Alignment of key national programmes and activities

## NHS England and Improvement, and NHSX

NHSE/I-led, NHS@home brings together a number of services to provide care to more people, closer to where they live, including those in care homes.

NHSX is working to join up health and social care. Supporting people at home through tech enabled care (feeding into the NHS@home work) connecting care providers (to ensure they have the basic infrastructure they need) and sharing care records (across the NHS and social care)



## Regional scale programmes

Remote monitoring is where people use devices or apps in their homes to enable them and their health professionals to monitor and support their health conditions or symptoms. This offers greater personalisation and flexibility of care, and enables clinicians to build a better picture of their patient's health, providing advice, assessment and further treatment when required. This offers greater personalisation and flexibility of care, and enables clinicians to build a better picture of their patient's health, providing advice, assessment and further treatment when required.

The remote monitoring scaling programme is leading work across the country to accelerate the deployment of new care pathways supported by technology, working in partnership with the NHS locally, through Trusts, CCGs, ICSs and regions as well as with social care in supporting those whose home is a care home.

This is supported by a £10.5m investment from NHSX into 7 regions, funding 25 projects.

## Spark dynamic purchasing system

The Spark Dynamic Purchasing System (DPS) offers NHS and social care organisations a fast, easy and secure way to procure remote monitoring tools and technologies.



## COVID oximetry @home

COVID oximetry @home describes the use of pulse oximeters and paper diaries, apps or technologies to enable clinicians to monitor the health of COVID positive patients who do not need hospital care.

The NHS has also secured a supply of pulse oximeters that are available to local NHS teams where there is an urgent need. When used under clinical supervision, oximeters will enable more people with COVID to be safely cared for in their own home, including care homes, by helping to spot any dip in their blood oxygen-levels, alerting their healthcare professional to any changes in their recovery.

## Remote monitoring & long term condition management

Remote monitoring is being scaled to transform the care of people with long term conditions.

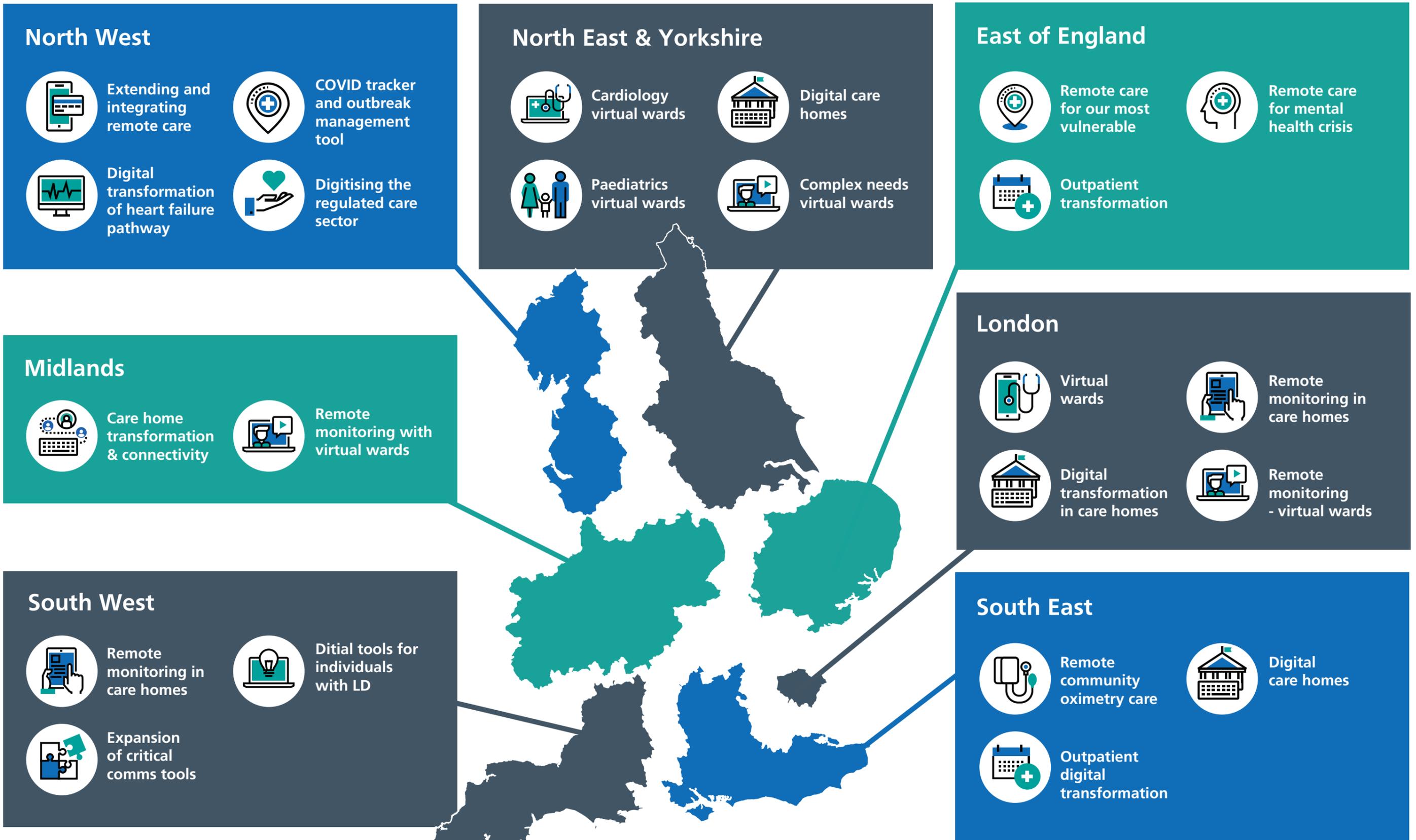
The NHS is giving citizens the tools and confidence they need to measure their health and wellbeing at home, reducing the inconvenience and costs associated with appointments in traditional settings, whilst ensuring their clinician has the information they need to track disease progression and provide personalised and timely interventions.



7 REGIONS  
25 PROJECTS



# Supporting people at home: Regional scale plans



# Supporting people at home: Impact

By April 2021



OVER  
**165,000**  
PATIENTS  
SUPPORTED  
AT HOME

## North West

**1000**

OF THE MOST VULNERABLE COVID RESIDENTS ACROSS LANCASHIRE & SOUTH CUMBRIA WILL BE SUPPORTED BY THE DEPLOYMENT OF TELEHEALTH ACROSS 10 PRIMARY CARE NETWORKS

**600+**

CARE HOMES ACROSS CHESHIRE AND MERSEYSIDE WILL HAVE TELEHEALTH AVAILABLE

## North East & Yorkshire

UP TO **1000**

OF THE MOST VULNERABLE AND COMPLEX PAEDIATRIC PATIENTS WILL BE ABLE TO AVOID HOSPITAL APPOINTMENTS AND ADMISSIONS

**10%**

OF ANNUAL REVIEWS COMPLETED VIA THE DIGITAL HEALTH SOLUTION, RESULTING IN

**12,466**

HOURS OF NURSING TIME SAVED

## East of England

**17%**

LESS UNNECESSARY PRESENTATIONS TO HOSPITAL FROM FRAIL AND ELDERLY POPULATION (CARE HOME OR SUPPORTED CARE SETTINGS)

REDUCTION OF CONVENTIONAL WAITING TIMES FOR A ROUTINE DERMATOLOGY REFERRAL

**13+ WEEKS  
48 HOURS**

## Midlands

**60-80%**

OF CARE HOMES USING REMOTE MONITORING ACROSS 4 STPS

**350**

RECENTLY DISCHARGED COPD AND COVID PATIENTS WILL BE SUPPORTED WITH HEALTH VIA USE OF WEARABLE DEVICES IN 1 STP

## London

**20%** (288)

OF LONDON CARE HOMES WILL BE RECORDING PATIENT'S VITALS THAT CAN BE ASSESSED BY APPROXIMATELY 39 PRIMARY CARE NETWORKS AND 244 GP PRACTICES REMOTELY



EQUITABLE AND INCREASED COVERAGE OF REMOTE MONITORING ACROSS NORTH CENTRAL LONDON BOROUGHS

## South West

**50%**

INCREASE IN ANNUAL HEALTH CHECKS AMONGST LEARNING DISABILITY COMMUNITY REDUCING LONG TERM MORTALITY RATES

**25%**

INCREASE IN REMOTE MONITORING TOOLS IN USE

## South East

**20,000**

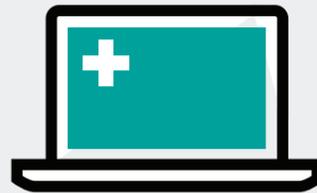
APPOINTMENTS POTENTIALLY SAVED PER YEAR ACROSS 21 PATHWAYS THROUGH THE DELIVERY OF 9 SELF-MANAGEMENT PATHWAYS ACROSS 3 TRUSTS

**450K  
-1.1M**

RAPIDLY SCALE COMMUNITY OXIMETRY CARE POPULATION



# More information



<https://future.nhs.ukInnovationCollaborative/grouphome>



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