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NIHR | National Institute
for Health Research



AI in Health and Care Award

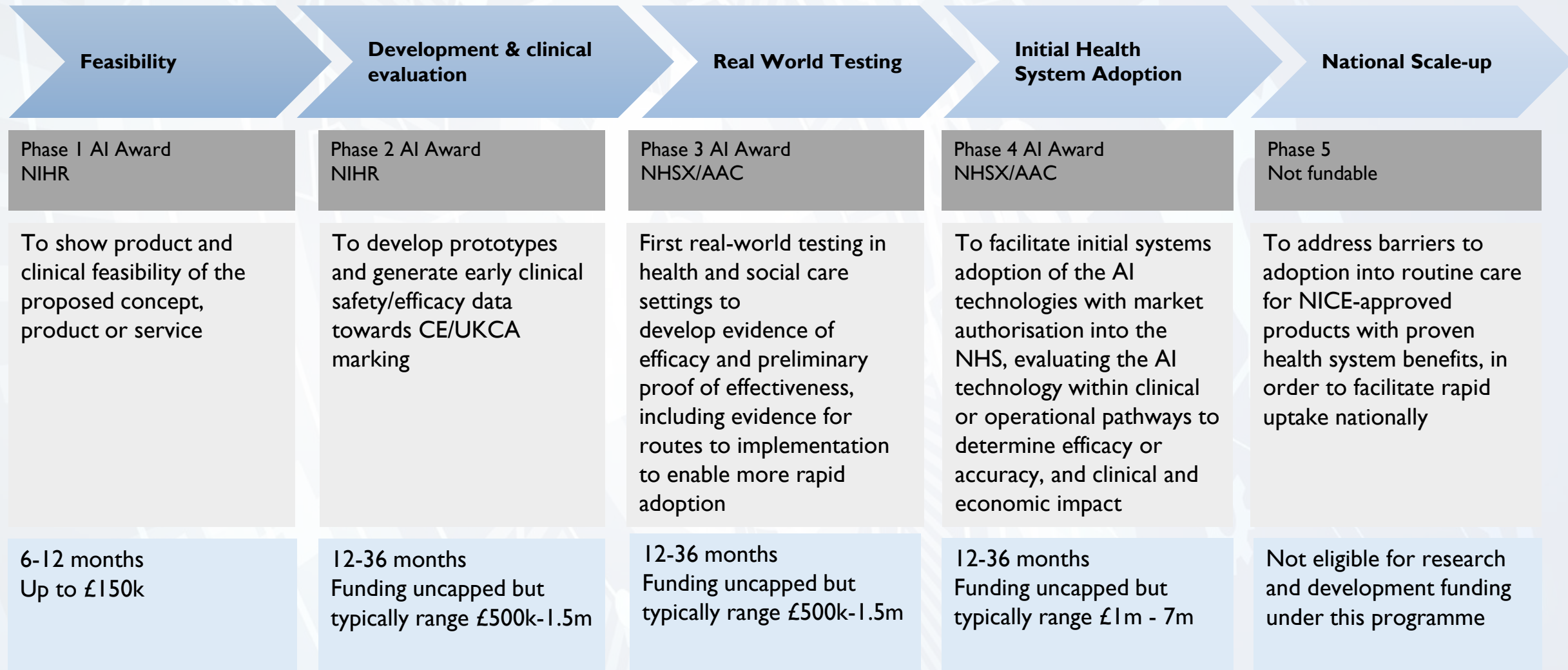
Dan Bamford, Deputy Director AI Award

www.england.nhs.uk/aac

@AACInnovation

AI AWARD PHASES

For Round 2 onwards, bids will be assessed by a single decision-making panel

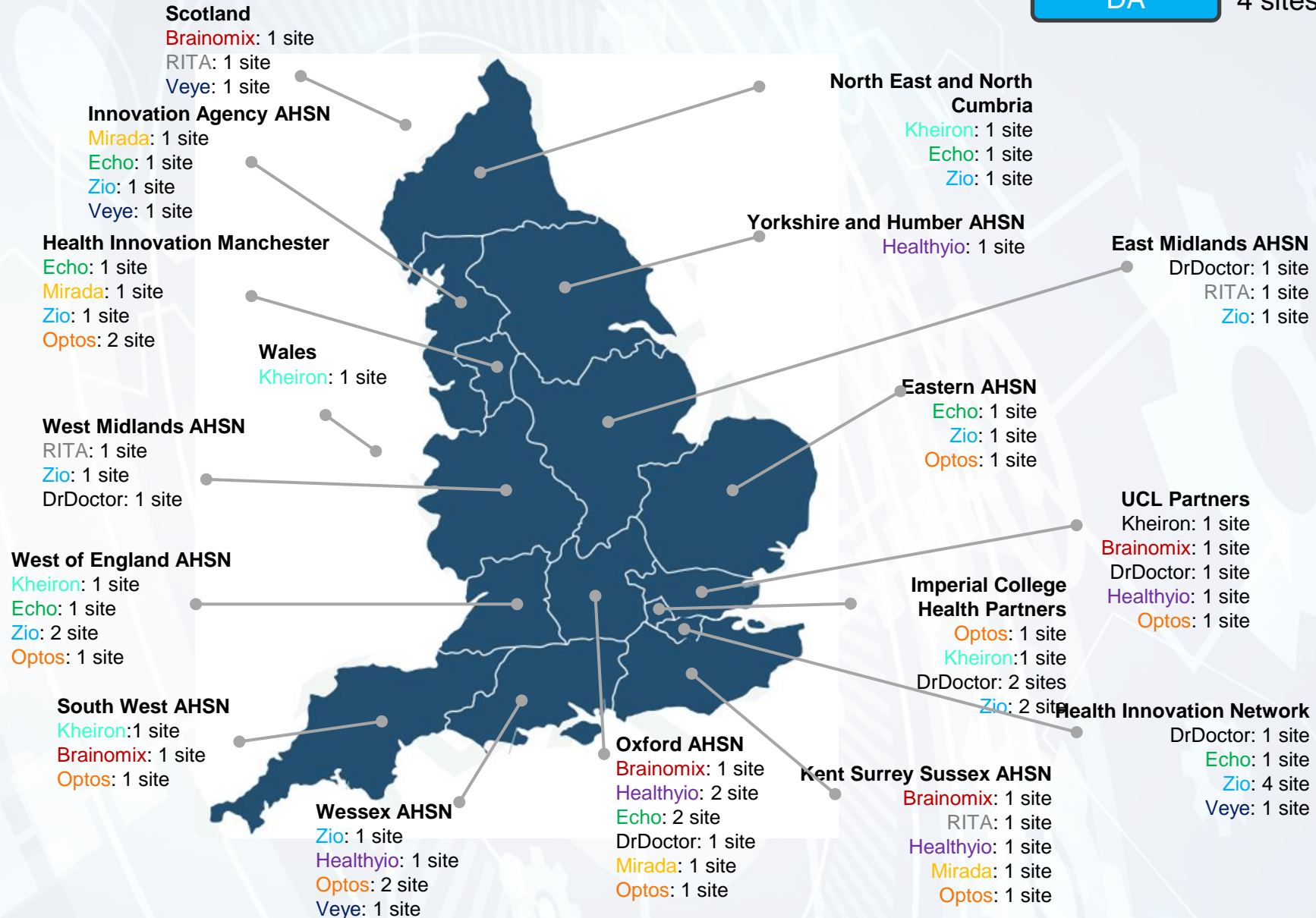


R I Phase 4 Winners

Theme	Name	Description	Company
Imaging	Optos AI	Machine learning algorithm to analyse images of the back of the eye for the presence/severity of any diabetic retinopathy, and then advises if referral to an eye care specialist is needed (based on the local clinical pathway).	Optos Public Limited Company
Imaging	Mia	Deep learning software that has been developed to solve critical challenges in the NHS Breast Screening Programme (NHSBSP), including reducing missed cancers, tackling the escalating shortage of radiologists and improving delays that put women's lives at risk.	Kheiron Medical Technologies
Imaging	e-Stroke Suite	A set of tools that uses AI methods to interpret acute stroke brain scans, and helps doctors make the right choices about treatment and the need for specialist transfer of patients with confidence. It also provides a platform for doctors to share information between hospitals in real-time, avoiding the delays that can occur.	Brainomix Limited
Imaging	Veye	An AI platform to optimise oncology pathways, which can be integrated into existing software systems. Veye Chest, the first clinical application, is unique in its ability to currently automate early lung cancer detection, and soon also support treatment response assessment	Aidence
Treatment Planning	DLCExpert	Automation of the time-consuming and skill-intensive task of contouring healthy organs on medical images for radiotherapy planning so that they are not irradiated during treatment.	Mirada Medical Limited
Operational Efficiency	DrDr	AI to ensure attendance is as high as possible by using past appointment attendance and demographic data to predict those less likely to attend in the future and customises communication with these demographics accordingly.	ICNH LTD
Operational Efficiency	Referral Intelligence and Triage Automation	RITA is an AI solution to automate the triage of GP referrals – assessing the urgency and next step for the referral and sending through directly to the next step in the process. In addition the solution includes a virtual assistant that supports clinicians in writing letters back to GPs, significantly speeding up this process.	Deloitte
Triage	Healthy.io	Using a home test kit and mobile app, Healthy.io's solution empowers patients to self-test at home with clinical grade results. Fully integrated to the Electronic Medical Record (EMR), real-time results are available for clinician review and follow-up. Shifting testing to the home increases uptake, improves quality, reduces workload in primary care, and creates savings.	Healthy.io (UK) Ltd
Triage	EchoGo Pro	A fully automated and scalable application for quantification and interpretation of stress echocardiograms that autonomously processes "real world" echocardiographic image studies to predict prognostically significant cardiac disease.	Ultromics Limited
Triage	Zio	A complete and clinically proven ambulatory ECG monitoring service, utilising powerful AI-led processing and analysis to support clinical workflows and improve the diagnostic yield and timeliness of cardiac monitoring.	iRhythm Technologies Ltd.

Overview of Round 1 Phase 4 Sites

England 66 sites
DA 4 sites



>>>>>>>>>> HOW THE EVALUATION WORKS >>>>>>>>>>

- As part of Round 3 and 4 awards, NHSX will likely commission independent evaluations of the funded activity.
- We will pair technologies with an appropriate evaluation team, with the skills and expertise to evaluate your technology and ensure there is a cultural fit between the two teams.
- The outputs of the evaluations will be published on the NHSX website.
- These evaluations are designed to build the evidence base required for NICE guidance and/or PHE approval.
- Technology bids should not include costs associated with evaluation, as these are funded separately by NHSX.

RESOURCES & ADVICE

NIHR website:

- Application guidance, template application form, FAQs, NIHR standard contracts (<https://www.nihr.ac.uk/explore-nihr/funding-programmes/ai-award.htm>)
- Application portal (<https://pmo.ccgrantracker.com/Login.aspx>)
- Enquiry form ([click this link](#))

AI Lab Virtual Hub (<https://www.nhsx.nhs.uk/ai-lab/ai-lab-virtual-hub/>)

- Copies of webinars
- Case studies and advice from successful applicants to Round 1

More information on the AI Lab and AI in Health and Care Award



www.nhsx.nhs.uk/ai-lab/

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enquiries@ai-award.info
www.nihr.ac.uk/explore-nihr/funding-programmes/ai-award.htm

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