

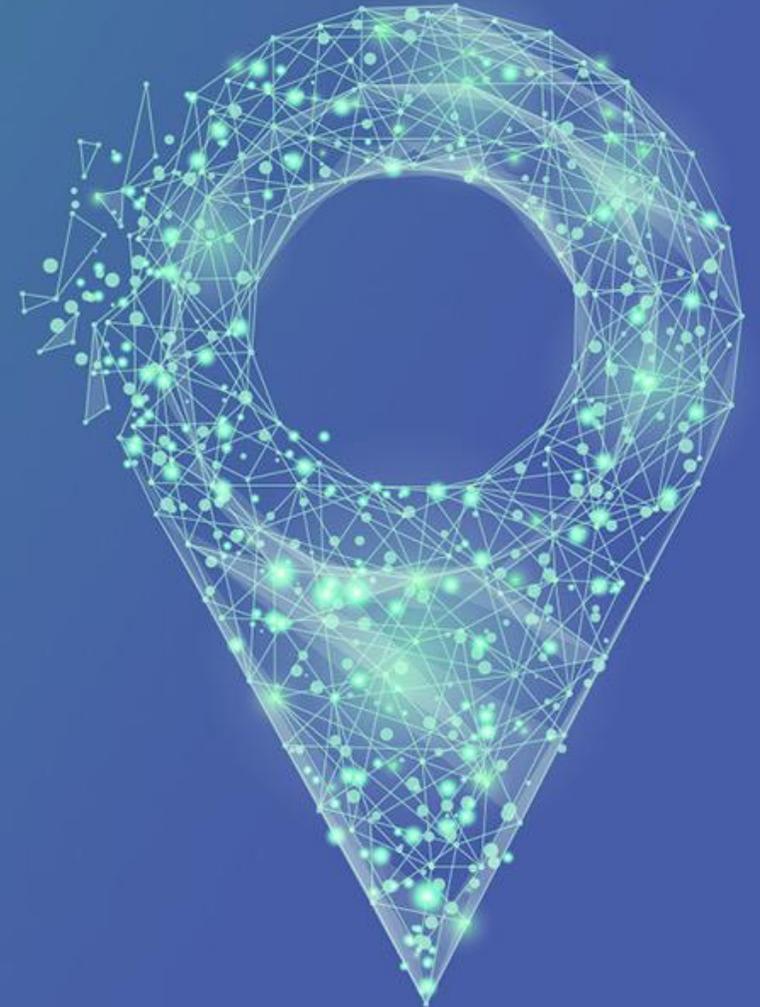
HDRUK
Health Data Research UK



DARE UK

Data and Analytics Research
Environments UK

Safe Data Access Professionals, 8 March 2022



DARE UK aims to design and deliver a national data research infrastructure that is **joined-up**, **demonstrates trustworthiness** and supports **research at scale for public good**.

DARE UK is funded by [UK Research and Innovation](#), with Phase 1 – ‘Design and Dialogue’ – led by [Health Data Research UK \(HDR UK\)](#) and [ADR UK \(Administrative Data Research UK\)](#).



DARE UK programme vision

A pan-UKRI initiative



*Research England currently not represented on the UKRI Digital Research Infrastructure Committee

DARE UK is a multi-phase, multi-year programme



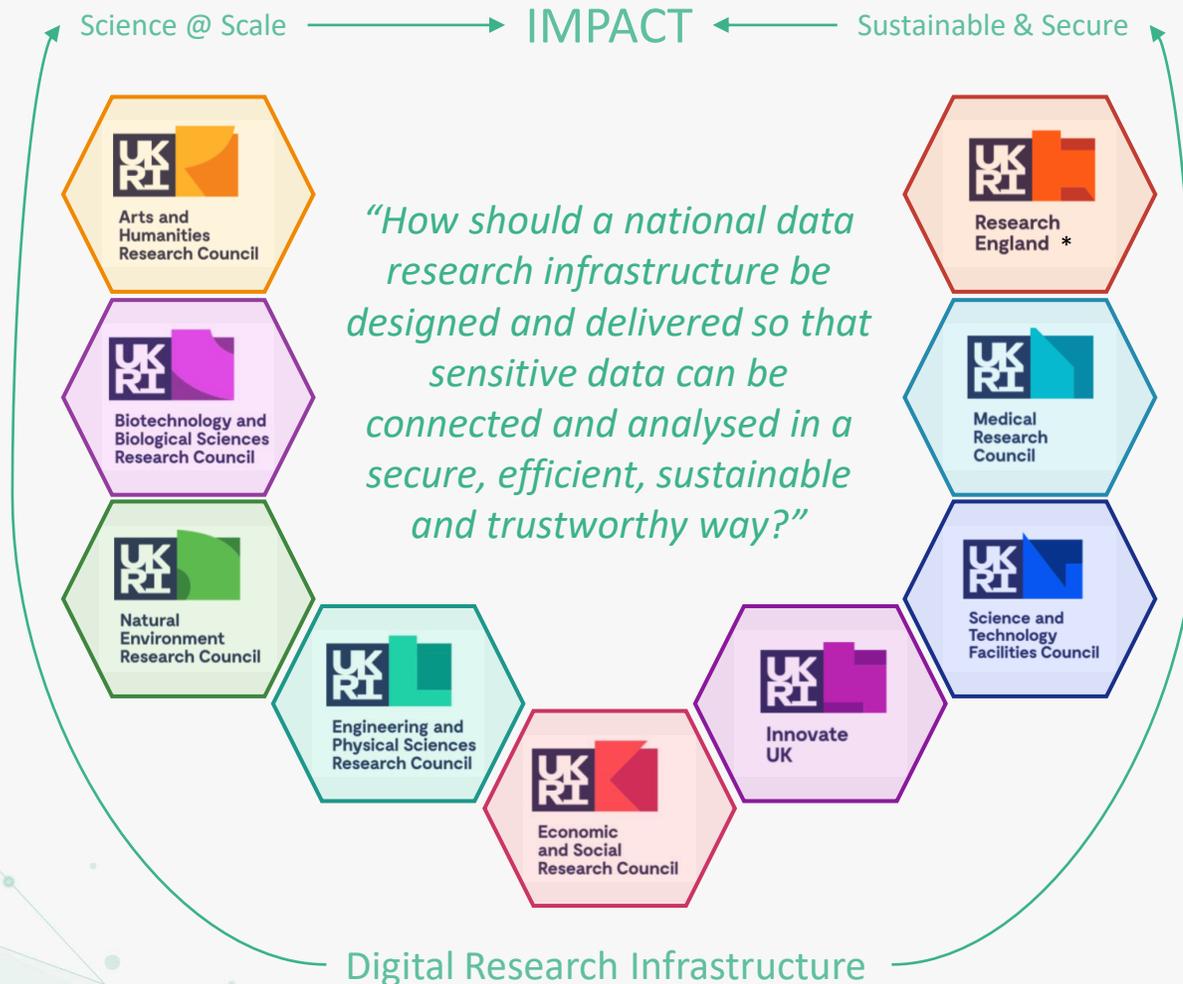
Phase 1: Design & Dialogue

Phase 1 of the DARE UK programme is an extensive listening exercise. The goal is to understand, through open dialogue with stakeholders – including researchers, technologists, the public and others – what’s needed to enable more efficient, coordinated and trustworthy data research across the UK. By exploring stakeholder experiences and challenges from existing infrastructure, we will ensure that subsequent phases of DARE UK address the needs of the UK in making the best use of data at scale for public benefit.

What question is DARE UK Phase 1 seeking to answer?

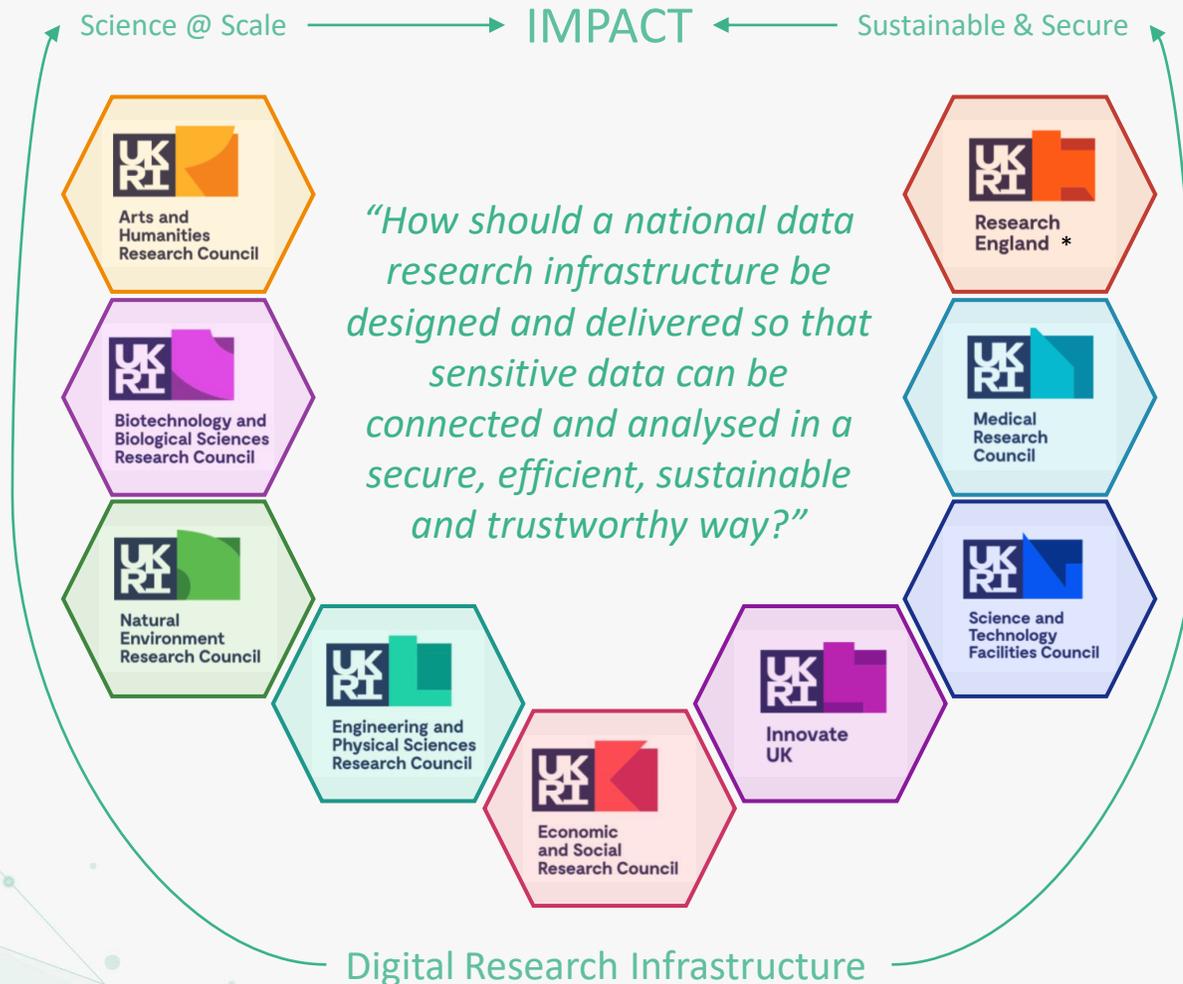
“How should a national data research infrastructure be designed and delivered so that sensitive data can be connected and analysed in a secure, efficient, sustainable and trustworthy way?”

Assumptions



- We are **not starting from scratch**
- There is a **cross-council need**
- A federated infrastructure is **technically feasible**
- It is **ethically and legally feasible**, and must be built in a **trustworthy way**
- It is feasible to do within the **funding and time envelope** set by UKRI
- There is strong **buy-in** from the Research Councils, government, data custodians and researchers for this approach

Six key themes based on the initial landscape review



1. Data and discovery
2. Access and accreditation
3. Core federation services
4. Capability and capacity building
5. Demonstrating trustworthiness
6. Funding and incentives

Phase 1 process and deliverables



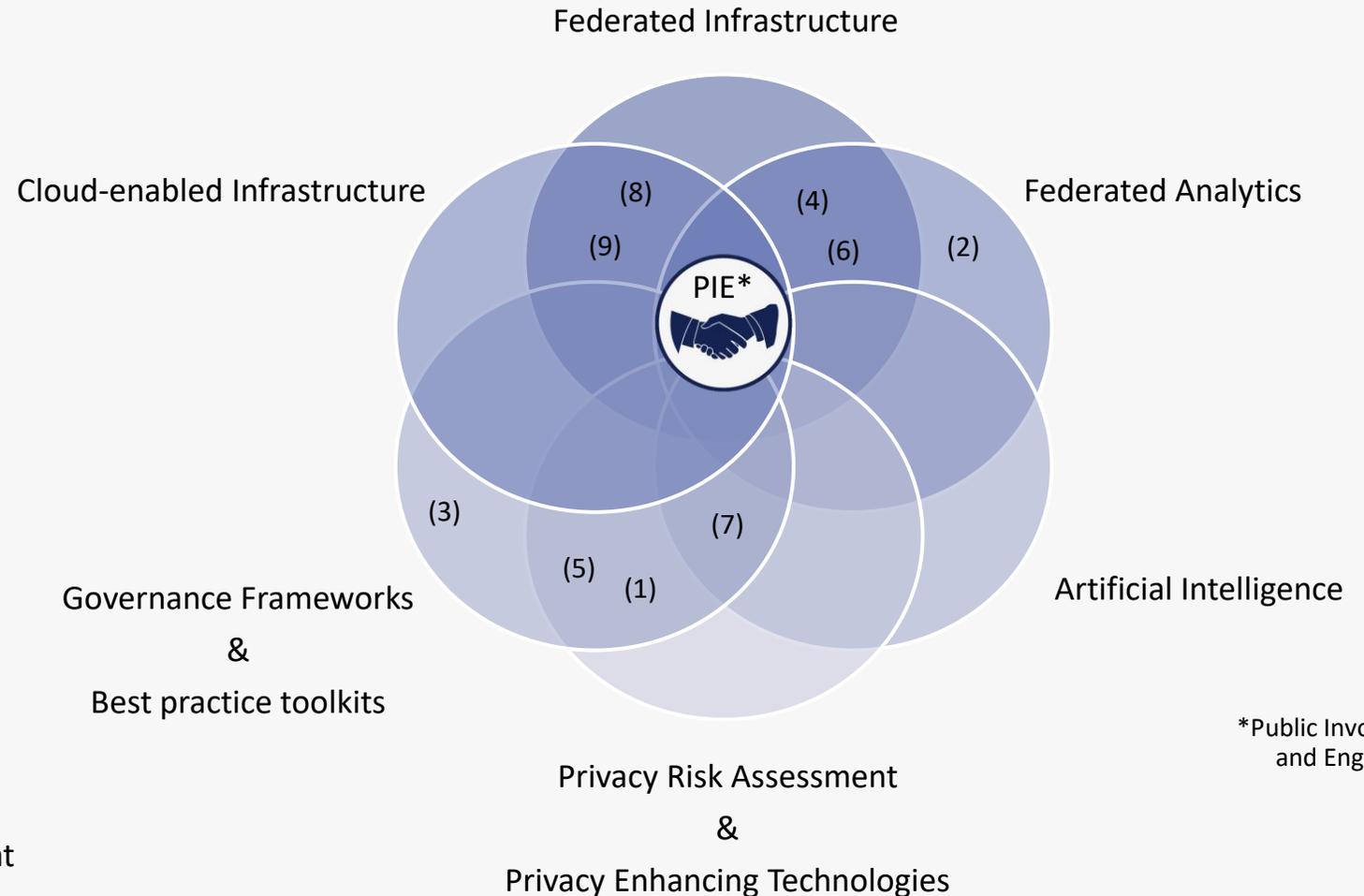
- Community co-developed design for a novel, sustainable national federated digital infrastructure for sensitive data (including linking sensitive data)
- Specifications for sprints or use cases addressing specific aspects of the approach
- Stakeholder and public engagement and co-creation
- Detailed delivery plan for Phase 2 (09/22 - 08/23)
- Outline delivery plan for Phase 3 (09/23 – 06/26)
- Business case

DARE UK Phase 1 – Sprint Exemplar Projects

UKRI has awarded over £2 million to fund nine research teams to deliver a programme of Sprint Exemplar Projects as part of DARE UK Phase 1. The purpose is to uncover and test early thinking in the development of a joined-up and trustworthy national data research infrastructure.

#	Title
(1)	Privacy Risk Assessment Methodology
(2)	Creating the blueprint for a federated network of next generation, cross-council Trusted Research Environments
(3)	Education outcomes in young people with diabetes: innovative involvement and governance to support public trust
(4)	Establishing a common federated infrastructure for secure API-driven multi-party federation on clinico-genomic cohorts
(5)	Trusted Research Environments (TRE): removing technical and governance barriers to support innovation and interdisciplinary research
(6)	FAIR TREATMENT: Federated analytics and AI Research across TREs for Adolescent Mental health
(7)	Guidelines and Resources for AI Model Access from Trusted Research environments
(8)	Creating a federated cloud-based TRE to facilitate consortium-based research and interoperability between existing institutions/TREs
(9)	Trusted Research Environment and Enclave for Hosting Open Original Science Exploration

Find out more about each of the Sprint Projects and what they aim to achieve [on the DARE UK website](#).



DARE UK Phase 1

Public involvement and engagement

Public involvement and engagement is embedded throughout the DARE UK programme to inform our planning and delivery and make sure we are working in a trustworthy way.

Public Contributors

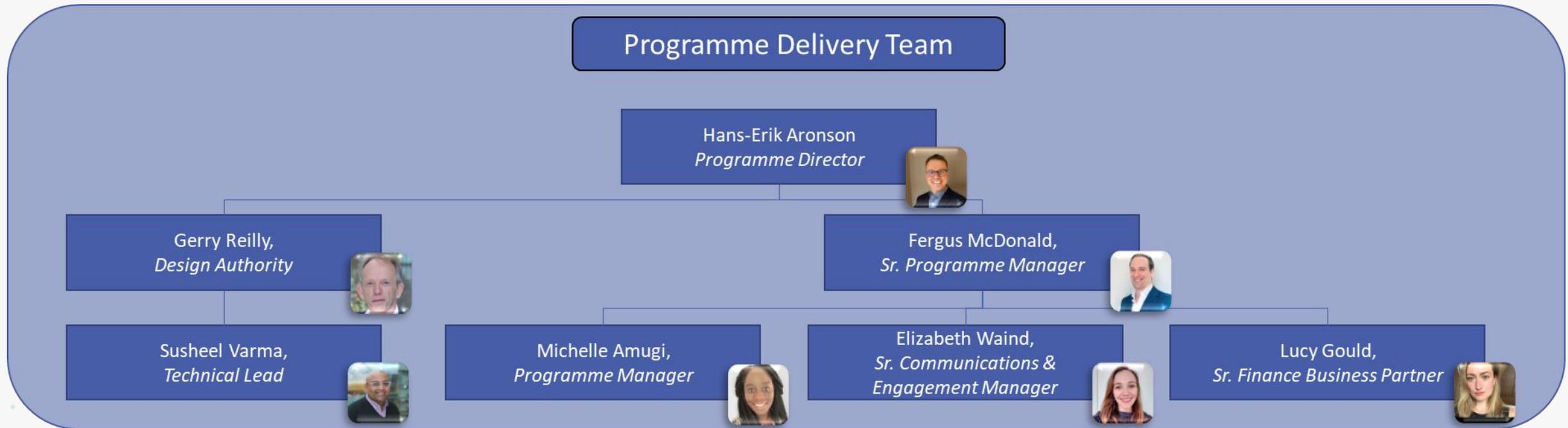
We have recruited members of the public to sit on both the DARE UK Programme Board and Scientific and Technical Advisory Group. We also have a Delivery Team Public Advisor, who we consult on our day-to-day activities.

Public Dialogue

In partnership with [Kohlrabi Consulting](#), we have delivered a public dialogue to get to the depth of public views regarding what a trusted and connected national data research infrastructure should look like. The Dialogue findings will be published in Spring 2022. [Visit the DARE UK website to find out more.](#)



DARE UK Phase 1 Delivery Team



Find out more

DARE UK website: <https://dareuk.org.uk/>

Initial Landscape Review: <https://dareuk.org.uk/our-work/landscape-review/>

Sprint Exemplar Projects: <https://dareuk.org.uk/our-work/sprint-exemplar-projects/>

Public Involvement and Engagement: <https://dareuk.org.uk/involving-the-public/>