



DARE UK

DARE UK (Data and Analytics Research Environments)

Driver Projects funding opportunity

Launch webinar – 27 October 2022, 10:00-11:00

Today's agenda

- **DARE UK Phase 1 overview**
- **Driver Projects**
- **Call details**
- **Your questions and answers**





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Phase 1: Design and dialogue

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**.



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Science and
Technology
Facilities Council



Economic
and Social
Research Council



Innovate
UK



Medical
Research
Council



Natural
Environment
Research Council



Biotechnology and
Biological Sciences
Research Council



Arts and
Humanities
Research Council



Engineering and
Physical Sciences
Research Council

*the scope of the programme does not
currently include Research England

*“Enable a step-change in the
UKRI’s/national research
capability for secure sharing,
linkage and analysis of sensitive
data for research and
innovation, timely and at scale
for public benefit.”*

Our work so far...

- Understand the key challenges across the data research landscape
- How they can be overcome to better support data research at scale for the benefit of society.
- This has resulted in a set of recommendations based on input from a wide variety of stakeholders from across the sensitive data research landscape.

Our recommendations can be viewed here: [Phase 1 Recommendations - DARE UK](#)

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Paving the way for a coordinated national infrastructure for sensitive data research

A summary of findings to date from Phase 1 of the UK Research and Innovation DARE UK programme

August 2022



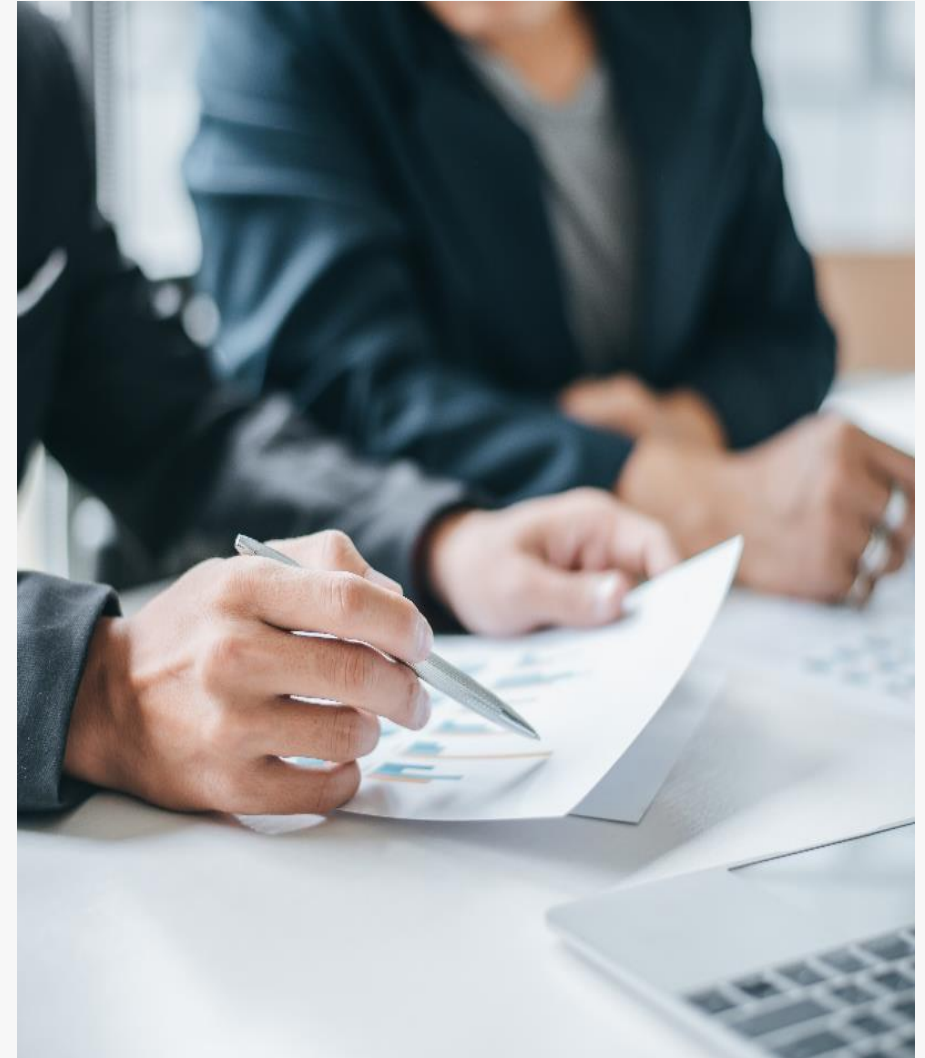
Over **60 hours** of interviews

Over **30 hours** of workshops

Over **500** participants
researchers, technologists, members of the public, third sector representatives and others

Phase 1b – focus

- To take forward some of the more immediate recommendations outlined in our report
- Dedicate time to further scope, shape, and refine longer-term recommendations
- This will happen in continued collaboration with stakeholders from across the sensitive data research landscape, and the public
- Working groups around specific thematic areas





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Phase 1b Driver Projects

Aim of the Driver Projects

“to lay the foundations for the design of a coordinated and trustworthy national data research infrastructure to support research at scale for public good as part of the DARE UK programme”



Public involvement and engagement

DARE UK is committed to meaningful public involvement and engagement, and proposals will be required to include plans for **embedding public involvement and engagement throughout the lifecycle and governance of the project.**

DARE UK can offer advice on public involvement and engagement, and guidance can be found [on the UKRI website.](#)



Driver Projects and Working Groups

Driver project(s) will pilot capability that will be foundational for future phases of the DARE UK programme working across the **community** and **openly** sharing experience and outputs. All teams will be expected to engage widely and build from existing projects wherever possible.

Driver projects will take input from, and actively participate in, **DARE UK or partner-led working groups** that will be established around specific thematic areas. These working groups will inform the direction of the DARE UK programme's design decisions.

Funded areas - applications are invited to address one of the areas set out in the following slides.

Trusted research environment reference architecture

A short, targeted project focused on consolidating the existing work on TRE reference architectures including:

- establishing a composite reference architecture(s) for TRE(s) co-developed with feedback from established stakeholders.
- development of reference implementations

The expected output would be a formal open-source project based on an established framework to support collaborative longer-term development.

The project team will actively work with the relevant working group and receive input and feedback from the working group to support their work and to collaborate with other initiatives in the area such as the RSE's Trusted Research Environment Working Group.

Federated identity management across TREs

Investigate and pilot an identity management service across two or more established trusted research environments, this should include:

- Identifying and selecting the most suitable platform for such a service
- Establishing an identity brokerage service across the different identity providers within each of the trusted research environments
- Ensuring that testing/usage of such a service is possible in parallel with existing services

The project team will actively work with the relevant working group and receive input and feedback from the working group to support their work. They will also engage and collaborate with other AAI initiatives from JISC, UKRI and the wider community in the UK and internationally, and across both academia and industry.

Core federation services

Applications are invited to....

- establish an open-source project to provide a framework for the development of these services
- conceptualise, design, structure, and drive early development of a library of API services and micro-services as the beginning of a 'federation layer' to support a network of trusted research environments in the UK
- focus on establishing the development process and framework for the API library to allow for future delivery of the production services

The project team will actively work the relevant working group and receive input and feedback from the working group to support their work.

Semi-Automated Risk Assessment and Output Checking

Applications are invited to....

- investigate and pilot a framework for the partial automation of risk assessment for sensitive data research projects at the data access request stage that can support existing data governance committee processes
- investigate and pilot a consistent, efficient, and trustworthy approach to the partial automation of output checking and disclosure control, developing the tools necessary to augment existing manual review processes

The project teams will actively work with the relevant working group and receive input and feedback from the working group to support their work.



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Call Funding, Eligibility and Timeline

Expectations and Funding

- Minimum funding for each project will be £100k and maximum funding will be £750k
- Total funding across the projects will be up to £2.75M
- Projects will be fixed term, with final outputs delivered by October 2023. Projects will not be extended.
- All outputs will be shared openly under the IP guidelines that will be established for the overall programme.



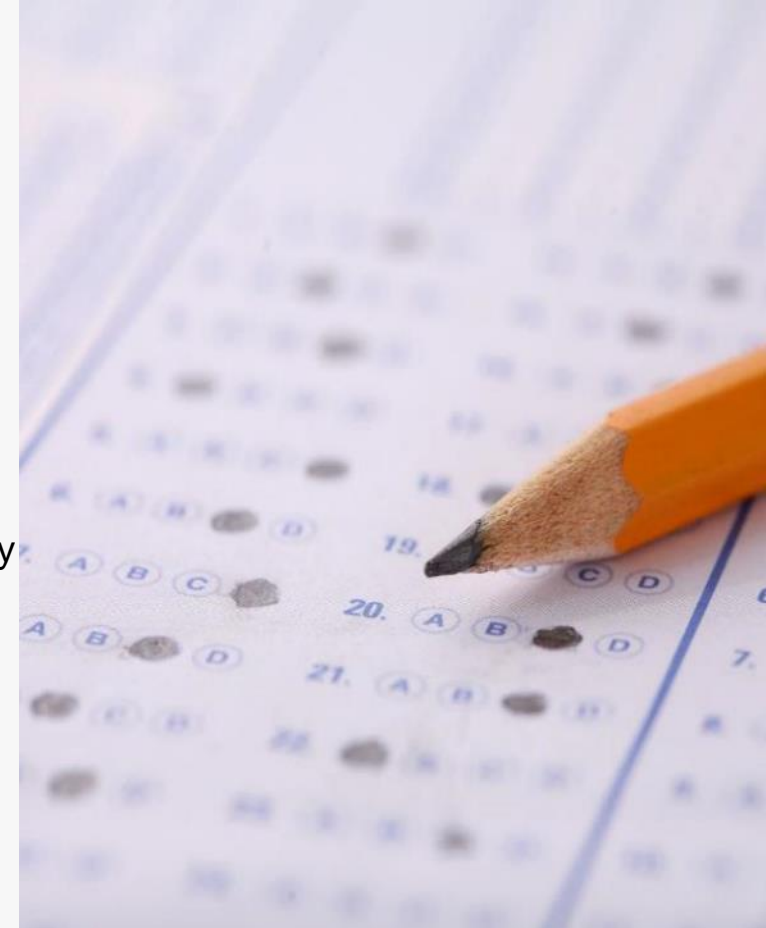
Eligibility

All proposals must be **led by a recognised research organisation**, which should be **UK-based** and **one** of the following:

- Higher Education Institution
- Institute or unit funded by UKRI research councils
- NHS body
- Independent Research Organisations,
- Academic Health Sciences Networks/Centres
- Public Sector Research Establishment (PSRE; not NHS). Review the list of eligible and potentially eligible PSREs

Note:

- **Industry** can participate but must be in a **consortium** with a recognised **research organisation**



Award Scope

- **Awards may include:**
 - **Staff salaries** (e.g. research staff, data architects, software engineers, project managers, technicians and other support staff). Please note that PhD studentships cannot be supported through this call.
 - **Consumables** directly attributable to the project.
 - **Research equipment** essential for the project (up to an anticipated maximum of £20,000, no single item of equipment may exceed £10,000 inc. VAT).
 - **Travel** and **subsistence**, and other **meeting costs** where relevant.
 - **Contributions** and **research costs from industry**.



Timeline

Activity	Date
Driver Projects funding call launch	27 October 2022
Applications open on UKRI funding finder website	28 October 2022
Mid-Call Webinar	17 November 2022
Applications Close	14 December 2022
Contracts Complete and projects begin	23 January 2023
Initial Showcase Day	26 January 2023
Mid-project Showcase Day	24 May 2023 <i>(provisional)</i>
Final Showcase Day	4 October 2023 <i>(provisional)</i>
Final Reports and Wrap Up	31 October 2023

Application Form

- Applications should be submitted as one overall (bookmarked) PDF by the Lead Applicant to informatics@mrc.ukri.org by 09:00 on Wednesday 14th December 2022.
- For your application to be eligible for consideration it must include all the relevant documents.

To ask a question about this opportunity email: informatics@mrc.ukri.org with enquiries@dareuk.org.uk in copy.

Include 'DARE UK' as the first word in the subject title.

Details	Page Limit
Consortia details and Project Summary	1 page
Lay Summary	200 words (max 1,500 characters)
Technical Abstract	400 words (max 3,500 characters)
Impact Statement	300 words
Case for Support	4 pages (with 1 page reference or annex if required plus Gantt chart)
Budget	1 (Excel template)
Applicants CVs	2 pages for Lead Investigator 1 page for other investigators
Heads of Terms (if required_)	6 pages
Ethics and Governance Approval	1 page (with 1 page data flow diagram annex if required)
Letter from Employing Organisation	1 page
Declarations of Interest	1 page
Risk Register	1 page

Sign up for updates to get involved

Find out more by visiting UKRI's website for general information

Sign up to receive updates via our online form

[Get Involved - DARE UK](#)

Thank you!

