

The Health Data Research Innovation Gateway: A platform to discover and request access to datasets, and demonstrate trustworthiness in health research across the UK and beyond...

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Outline



- Who we are and what we do
- An introduction to the Health Data Research Innovation Gateway
- Spotlight 1: Cohort Discovery
- Spotlight 2: the Data Use Register
- What have we learned and what's next?
- Summary and questions



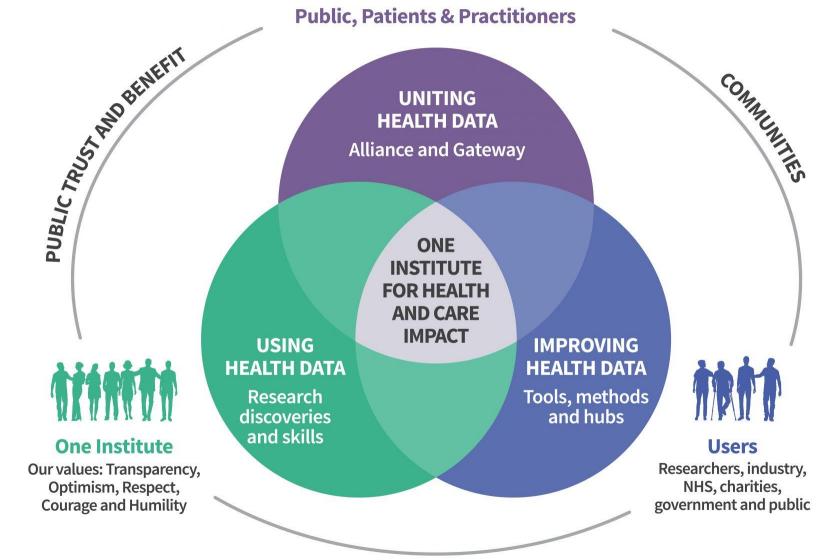
We are the national institute in the UK for health data science

Our mission is to unite the UK's health data to enable discoveries that improve people's lives.

UNITING THE UK'S HEALTH DATA TO ENABLE DISCOVERIES THAT IMPROVE PEOPLE'S LIVES





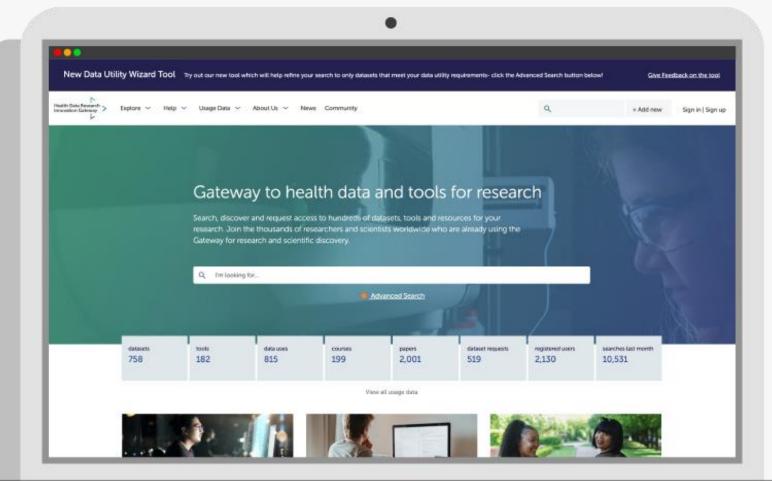






www.healthdatagateway.org







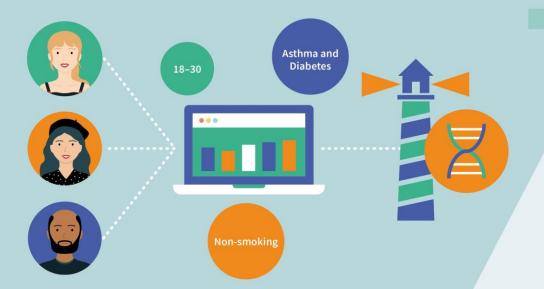




Cohort Discovery: meeting specific data needs

The Innovation Gateway's Cohort Discovery search tool allows researchers to search, assess and request access to potential datasets that precisely match information on particular populations of interest – for example data across multiple datasets relating to non-smoking patients aged 18 to 30 that have asthma and diabetes.

The tool enables multiple dataset searches to be done in a fast, secure, de-identified and ethical way. At no point is there any individual level data transferred from the custodian.







How can Cohort Discovery help you?



Gateway users, including researchers, can carry out more specific searches and assessments on datasets listed in the Gateway, so that potential datasets which match the requirements of a research project are easier to find.



For data custodians, Cohort Discovery means requests to access data are more likely to result in success, whilst still retaining control over who has access to the data.



HDR UK has extensively tested the cybersecurity of the Cohort Discovery tool, and had this independently verified, providing confidence in its privacy and security.



Data Use Registers

Getting the greatest use and benefit from the UK's rich health data is an important goal–but it is essential that those whose data is being used can see what is being done with it.

The Gateway data use register functionality clearly shows how datasets published on Gateway are being used, by whom and most importantly for what purpose.

What benefits does the data use register offer?



Automated process: Data custodians who use the Gateway data access management system are automatically told about use of their datasets. This cuts down on administration time and provides the public with real-time data.



Closing the loop on impact: By providing a clear link between data use and research outputs we can better demonstrate the impact and value of using health data for research.











Alignment to Five Safes Framework: To show that only qualified people in secure settings can access the data, and for purposes that benefit the public, the content and structure of individual data uses follows the Fives Safes framework.



Best practice: The register implements a **national standard for data use registers**, developed after a wide consultation with data custodians and the public.

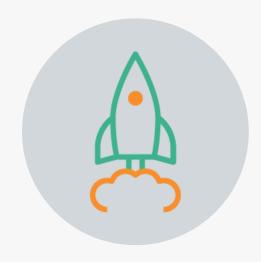
View the Data Use Register

For more information, visit the webpage

https://www.hdruk.ac.uk/access-to-health-data/data-use-registers/

Our two biggest lessons





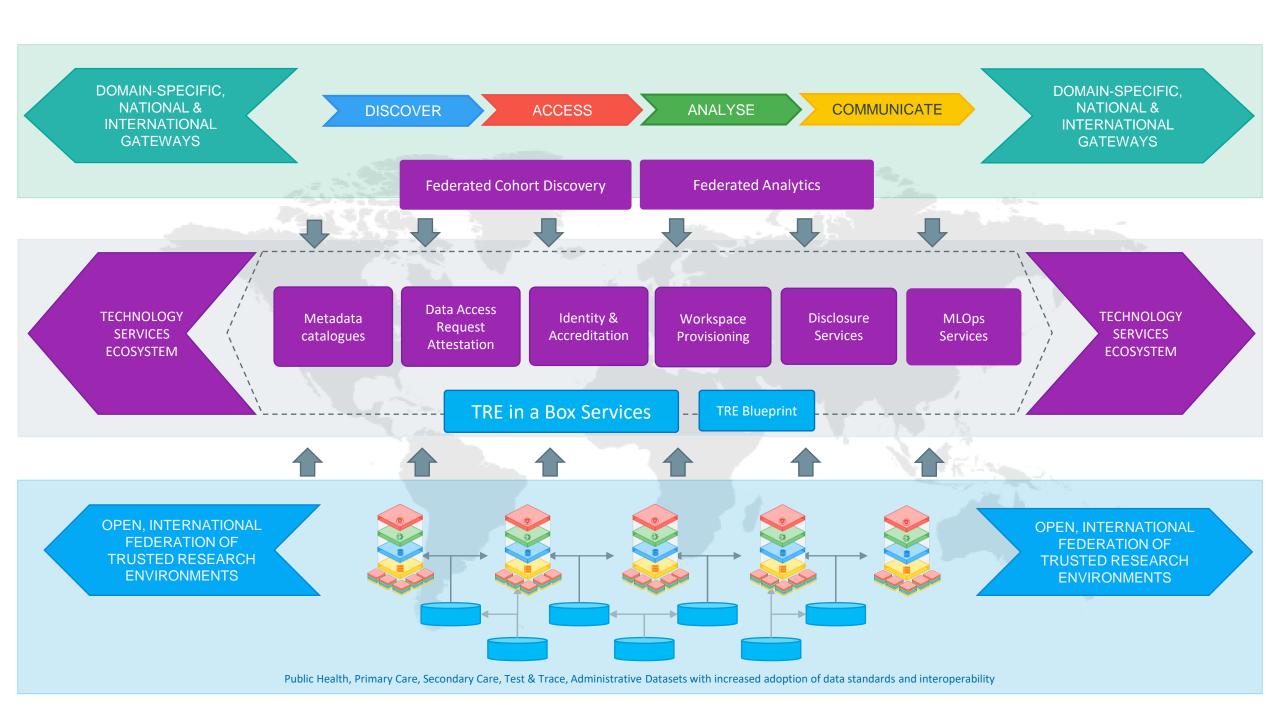
CHALLENGES IN MOVING FROM 'START-UP' TO 'PRODUCTION'



BUILD THE COMMUNITY AND THEY WILL COME









Thank you!

Any questions?



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