



ARMA 2022

HYBRID CONFERENCE

15-16 November | Virtual
22 November | Newcastle

Connecting Communities:
building resilience and value
in an evolving international
research ecosystem

Community approaches to the management and sharing of research assets:

Victoria Moody, Director, Research and Innovation Sector Strategy, Jisc



Community development: Jisc Research and innovation strategy forum

20 UK Pro-Vice Chancellors for Research and Innovation and Deputy Vice Chancellors:

**Manchester Metropolitan
Dundee
St Andrews
Sheffield
Nottingham
Royal Central School
Salford
Reading
Loughborough
Goldsmiths**

**Liverpool Hope
Birmingham
Oxford
Middlesex
South Wales
Strathclyde
Staffordshire
Ulster
Swansea
Northumbria**

Community development: Digital research community



Get involved > Digital research community group

Digital research community group

Facilitating open sharing, discussion and collaboration for the research community.



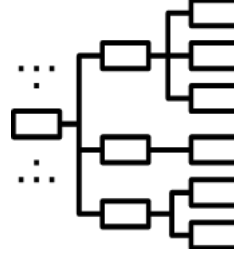
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Jisc research and innovation sector strategy themes



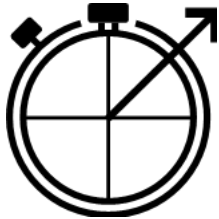
Theme 1:
The long term
development and
operation of
sustainable
infrastructure for
research



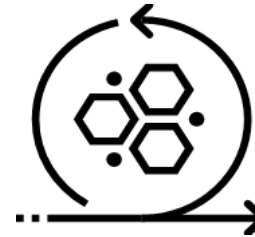
Theme 2:
Data and analytics:
in support of
effective and
efficient research
systems, cultures
and decision-
making



Theme 3:
Recording the
'research estate' in
support of a UK-wide
research capability



Theme 4:
Accelerating the
achievement and
monitoring of the
journey to open,
secure and trusted
research



Theme 5:
Applied research
and knowledge
exchange,
supporting
application and
impact

Recording the research estate in support of a UK-wide research capability

Rationale

- Gained significant traction during the pandemic
- Environmental management is a key consideration
- Wider strategic drivers and policy landscape include:



Policy paper

UK Research and Development Roadmap



Independent report

Terms of Reference: Review of the research, development and innovation organisational landscape

Updated 20 January 2022

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[Context](#)

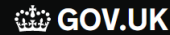
[Goals](#)

[Purpose and scope](#)

[Timing](#)

Context

The UK is home to many world-class research, development and innovation (RDI) organisations and has a strong reputation for the quality of its research. The QS World University Rankings shows that UK universities are globally recognised, with 4



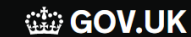
→ [Coronavirus \(COVID-19\)](#) | Latest updates and guidance

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Guidance

National Data Strategy

The National Data Strategy (NDS) is an ambitious, pro-growth strategy that drives the UK in building a world-lead data economy while ensuring public trust in data use.



Topics

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Policy paper

Research and development (R&D) people and culture strategy

This strategy sets out government's ambition to build the research and innovation workforce the UK needs, working in a positive and inclusive culture.



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BEIS Review of reducing research bureaucracy

- **Harmonisation:** addressing multiplicity in the system by harmonising processes, systems or resources and standardising formats and templates
- **Simplification:** consolidating and simplifying different elements of the research system that overlap
- **Proportionality:** ensuring that the obligations placed on institutions and researchers are commensurate with the size of the risk or reward
- **Flexibility:** balancing stability and dynamism in the funding system to support greater agility
- **Transparency:** ensuring the rationale behind bureaucracy is made apparent to everyone
- **Fairness:** ensuring merit should be the primary arbiter of success and any bureaucracy supports fairness
- **Sustainability:** any changes recommended must be sustainable and avoid destabilising the system

BEIS UK recommendations for reducing bureaucracy

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28 Jul 22, 14:06

By Chris Parr

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Independent review calls for cull of R&D red tape

For the higher education sector, Jisc should lead on the creation of sector-wide groups responsible for overseeing the development and further integration of the research information ecosystem, including research management data.

Viewing an increasingly holistic ecosystem

Equipment.data +

“We don’t need to wait for another ‘shock’ to materialise before we act to be more innovative and ambitious. Climate change and the environment emergencies are already happening. They are long-term and complex issues that warrant the mobilisation and collation of physical and intangible assets of HEIs, which together comprise the ‘research estate’.”

Monika Antal: Executive manager, Yorkshire Universities



The next phase for managing the research estate: Exploring the potential for innovation

Jisc:

- Is exploring how digital, data and technology approaches can support the critical need for additional innovation in the research estate, in association with sector partners
- **Community development:** Has convened research assets group including UKRI, Regional Consortia, NCUB, researchers and Research Councils to better understand the research equipment and asset landscape
- Is working on 'state of the art' report including case studies of good practice from members' perspectives, their views on the opportunities and challenges, the potential for innovative approaches and recommendations based on the findings.

Opportunities emerging include

- Technology can help innovation for research estate and infrastructure assets management and sharing and data can be optimised to support *create once use again* approaches
- An understanding in the round of unique assets is important, and how they support impact across sectors, places and domains
- Supporting remote labs operation and access are key opportunities
- Stable, harmonised and sustainable data can support REF, KEF, HEIF, Gateway to Research, institutional grant management processes : Reducing bureaucracy
 - The ability to plan for managed decline of assets where needed
 - The ability to support investment decisions for future technologies
 - The ability to look at the impact on places of investment



Thank you