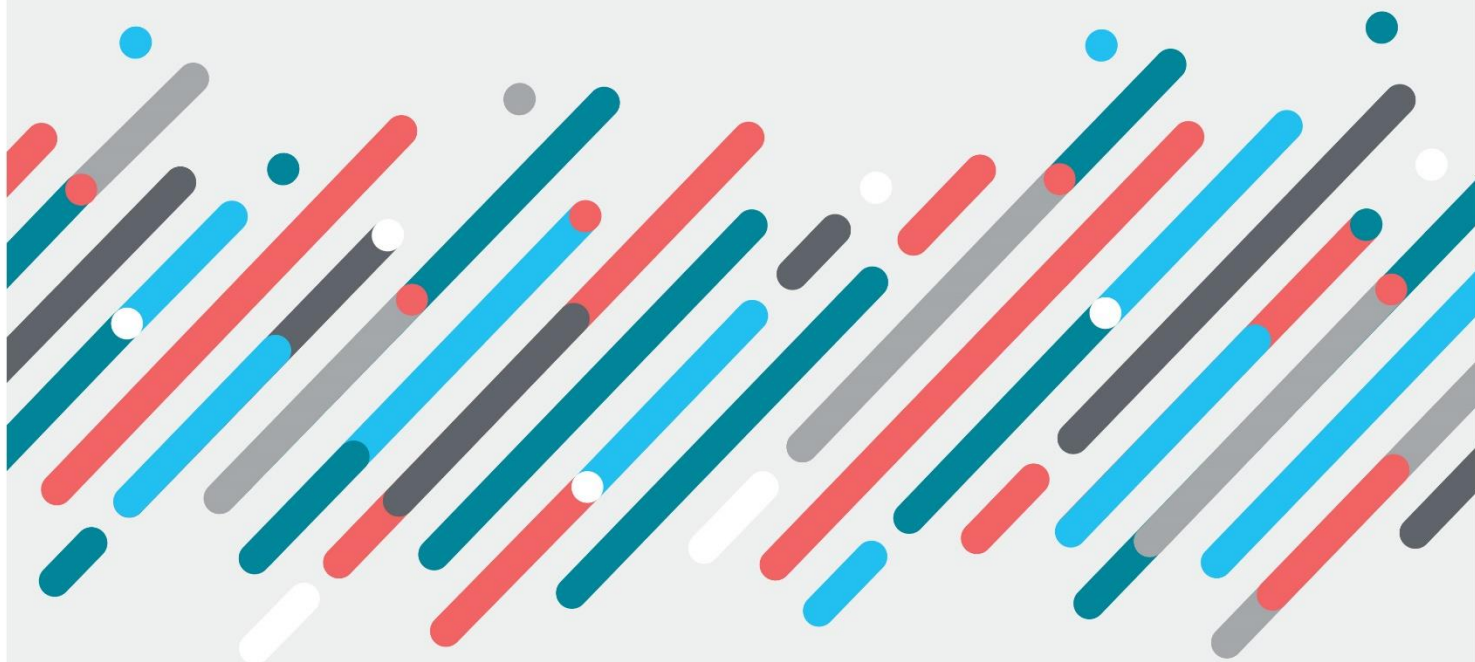




Australian Government
Department of Education

National Digital Research Infrastructure (NDRI) Investment Plan Consultation Survey

Preview



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Survey

Introduction

Welcome to the NDRI Investment Plan consultation survey. The NDRI Investment Plan is being developed by the Department of Education, with support from the NDRI Working Group, to implement the [NDRI Strategy](#).

This survey includes questions from each of the following [targeted discussions](#) hosted by the NDRI Working Group.

- Data
- NDRI for Humanities, Social Sciences and GLAM
- Compute and AI
- Aboriginal and Torres Strait Islander Peoples NDRI
- NDRI Skills
- Software
- Trust & Identity and Cybersecurity.

There is also a section at the end that allows the responder to enter any additional information they wish to share regarding NDRI.

You may answer as many or as few questions as you wish. If you leave the page and return on the same device, your answers will be saved.

This survey will close on Thursday 24 October 2024 at 5:00pm AEST.

Privacy

Information collected through this survey will be used to inform the NDRI Investment Plan. Your personal information is protected by law, including the Privacy Act 1988.

Personal information is information or an opinion about an identified or reasonably identifiable individual. Personal information includes an individual's name, contact details, feedback or opinions.

Your personal information is collected by the department.

Please do not provide personal information about any other individual unless you have their consent.

Your personal information is collected by the department under the Privacy Act 1988 for the purposes of policy development and related purposes such as:

- research
- evaluation
- analysis.

Your personal information may also be used for other purposes where you have agreed, or where it is otherwise permitted under the Privacy Act.

If you do not provide some or all of the personal information requested, the department may not be able to follow up with your survey response.

Your personal information may be disclosed to third parties, including but not limited to:

- other Commonwealth agencies for the purpose of policy development, evaluation and analysis
- contracted service providers for the purpose of policy development, evaluation and analysis.

Your personal information is unlikely to be disclosed to overseas recipients.

The department's Privacy Policy contains more information about how the department will manage your personal information, including information about how to make a complaint and seek access to and correction of your personal information.

To contact the department about your personal information, contact privacy@education.gov.au.

To contact the department about NDRI specific enquiries, contact researchinfrastructure@education.gov.au.

By checking the box below, you confirm that you have read and understood this privacy statement and agree to the department's handling of your personal information in accordance with this privacy statement.

- I agree

What is your full name?

What organisation are you from?

What is your role at your organisation?

What research community are you from (best fit)

- Health
- Environment
- Characterisation
- Manufacturing
- Humanities, Social Sciences and GLAM
- Aboriginal and Torres Strait Islander Peoples Knowledge and Research
- Astronomy and Physics
- Other research community or communities
- Not part of the research community

If you would like to receive updates on the NDRI Investment Plan process, please enter your email below:



Data

Q1 - What investments could support wide-ranging uptake of FAIR and CARE principles by Australian researchers?

Characters remaining: 1500

Q2 - What investments can be considered to address the barriers identified in the NDRI Strategy (pages 16-17)?

Characters remaining: 1500

Q3 - How can future NDRI investments ensure recognition of the importance of data self-determination and the principles of Indigenous Data Sovereignty, in alignment with the Australian Government's Framework for Governance and Indigenous Data?

Characters remaining: 1500

Q4 - What are the priority data-related NDRI investments that would enhance Australia's research efforts?

Characters remaining: 1500



NDRI for Humanities, Social Sciences and GLAM

Q5 - What are the gaps and weaknesses in Australia's NDRI landscape for our humanities, social sciences and GLAM sectors?

Characters remaining: 1500

Q6 - How can NDRI investments support the creation, management and access to digital twins?

Characters remaining: 1500

Q7 - What international exemplars of large-scale research infrastructure investments to support the humanities, social sciences and GLAM sectors do you recommend Australia should consider as part of the NDRI Investment Plan?

Characters remaining: 1500

Q8 - What are the priority humanities, social sciences and GLAM NDRI investments that would enhance Australia's collaborative research efforts?

Characters remaining: 1500



Compute and AI

Q9 - What are the current gaps and weaknesses in Australia's NDRI technological capabilities?

Characters remaining: 1500

Q10 - What should Australia's supercomputing/high-performance compute landscape look like in 5 years from now?

Characters remaining: 1500

Q11 - To what extent should NCRIS investments extend to Tier-2? What would make these "collaborative" and "national"?

Characters remaining: 1500

Q12 - To what extent should future investments consider AI sympathetic architecture?

Characters remaining: 1500

Q13 - How can Australia sustainably invest in new NDRI technologies that align with the Australian Government's Net Zero greenhouse gas emission target by 2050?

Characters remaining: 1500

Q14 - What are the priority NDRI investments in compute and AI that would enhance Australia's research efforts?

Characters remaining: 1500



Aboriginal and Torres Strait Islander Peoples NDRI

Q15 - What investments are needed to make NDRI more culturally appropriate and aligned? Priority Reform 4 from the 2023 Closing the Gap Report highlights some key actions for Aboriginal and Torres Strait Islander Peoples Data.

Characters remaining: 1500

Q16 - What NDRI investments would support Aboriginal and Torres Strait Islander Peoples knowledge systems?

Characters remaining: 1500

Q17 - What are the priority NDRI investments to support Aboriginal and Torres Strait Islander Peoples, including researchers, and enhance Australia's broader research efforts?

Characters remaining: 1500

Q18 - How can investments support the recent Australian Government's Framework for the Governance of Indigenous Data?

Characters remaining: 1500

Q19 - How can training, education and professional development be used to improve data in the Aboriginal and Torres Strait Islander Peoples NDRI space?

Characters remaining: 1500

Q20 - Is there a case for establishing a new NCRIS capability focused on supporting Aboriginal and Torres Strait Islander Peoples knowledge systems within the national research infrastructure system? If so, in what timeframe, and what preparatory and transition steps would you recommend?

Characters remaining: 1500



NDRI Skills

Q21 - How can NDRI training, education and professional development for all NDRI users and operators account for ongoing and rapid advancements in NDRI, including digital capabilities not yet realised?

Characters remaining: 1500

Q22 - How can governments work with NDRI providers to address staff shortages and expand workforce training opportunities?

- **How can Australia attract and retain its NDRI workforce in a competitive global hiring market?**

Characters remaining: 1500

Q23 - What are the priority NDRI skills investments that would enhance Australia's research efforts?

Characters remaining: 1500



Software

Q24 - How can future NDRI investment support the various aspects of the research software lifecycle?

Characters remaining: 1500

Q25 - How can future NDRI investments support researchers to achieve greater access to research software?

- **Reflect upon the principles of an open science agenda.**
- **When is it appropriate to purchase software vs. building our own?**

Characters remaining: 1500

Q26 - Where do you see AI models fitting into software and national research infrastructure?

Characters remaining: 1500

Q27 - What are the priority NDRI investments to support Australia's research software engineering sector?

Characters remaining: 1500



Trust & Identity and Cybersecurity

Q28 - What measures are currently lacking or require improvement to enable Australia's researchers to conduct research in a safe and secure way, whilst protecting valuable digital resources?

Characters remaining: 1500

Q29 - How does Australia's future NDRI find a balance between enforcing trusted access and cybersecure measures whilst accommodating for open science principles and research with inherent risk?

- **Are there any international examples? Good, bad or ones which Australian researchers will have to adhere to as part of their international collaborations?**

Characters remaining: 1500

Q30 - What are the priority NDRI investments in trust and identity, and cybersecurity that would enhance Australia's research efforts?

Characters remaining: 1500



Final Question

Q31 - Is there any other information you wish to share with us regarding the NDRI Investment Plan?

Characters remaining: 3000

Document Upload

Optional file upload for any additional supporting information.