

Enabling Indigenous Data Sovereignty through the New Zealand Research Information System

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About NZRIS



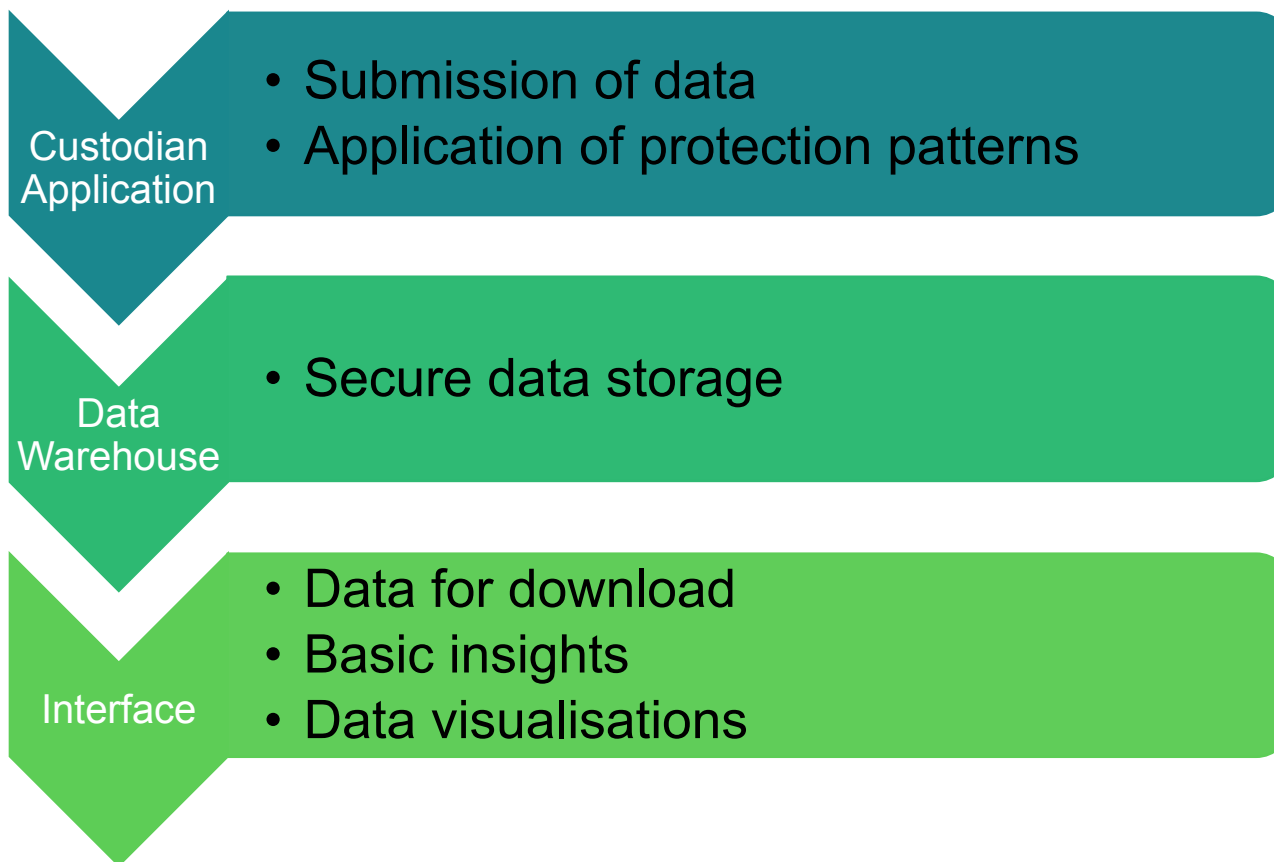
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What NZRIS will deliver

- One source of the truth
- Support for strategic planning
 - What is being funded, and who funds it
 - Identification of gaps/opportunities for future research
- Connectivity
- Delivery on Government data priorities
- Stakeholder assurance

The New Zealand Research Information System (NZRIS)



Data held by NZRIS

Contracts

- Projects
- Outputs



People

- Name
- Sector
- Affiliations
- Ethnicity
- Gender



Organisations

- Name
- Type
- Identifiers



Resources

- Amount awarded
- Amount distributed
- Fund value





Building relationships with Māori



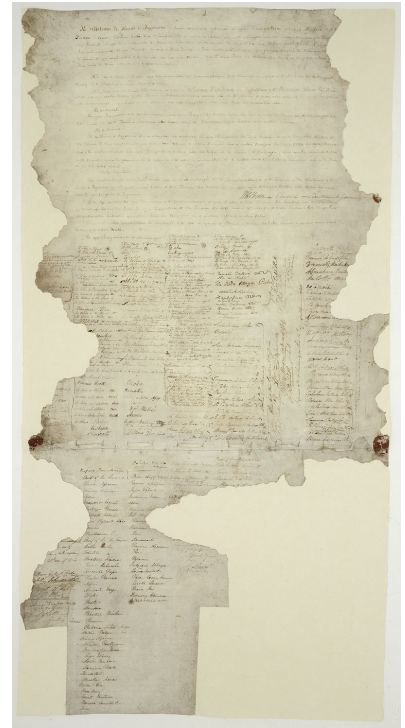
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Our operating context

- Te Tiriti o Waitangi / The Treaty of Waitangi
 - Tino rangatiratanga' (sovereignty) over 'taonga' (treasures, such as data)
- Public Service Act 2020 – support for strong Māori-Crown relationships
- Commitments made by Ministers and officials in response to calls for action

“Nothing about us without us”



Māori data within NZRIS

- **Māori data** refers to digital or digitisable information or knowledge that is about or from Māori people, language, culture, resources or environments.
- For NZRIS this means information that can:
 - Identify Māori in the RSI system
 - Identify research relevant to Māori:
 - The research is about Māori
 - Māori are the intended benefitting group
 - The subject matter is culturally important
 - Mātauranga/kaupapa Māori methodology

Accessing knowledge and expertise

- NZRIS Stewardship and Oversight Group
- Indigenous Data Sovereignty Working group
- Engaging with experts



Dr Willy-John Martin
Pou Pūtaiao
Director Māori Research Science and
Innovation



Puawai Wereta
Pou Raraunga Matihiko
Director Māori Digital Data and Insights



Working with our Māori stakeholders

- Initial Consultation:
 - what we want to achieve and where the idea for NZRIS has come from
 - conceptual model for how the RSI system works
 - specifications
 - data sovereignty principles
- Reviewed feedback and developed actions
- Subsequent engagement:
 - Our progress
 - What actions remained and is our proposed way to address them appropriate?



Giving effect to data sovereignty



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Our approach

- We have developed two frameworks
- The first is an articles based approach, leaning on the three articles within the treaty
- The second framework takes a Māori data principles-based approach
- Worked with our advisory group to develop these frameworks and then sought feedback

Articles based approach

Article	Interpretation for NZRIS	MBIE will
1 – Kāwanatanga (Governorship)	The Crown will uphold its responsibility to look after NZRIS.	<ul style="list-style-type: none">• Work with Māori to ensure Māori data rights and interests, including protections, are upheld.• Ensure NZRIS is well resourced and managed.• Protect data and ensure it is treated ethically.
2 - Tino rangatiratanga (Sovereignty)	The rangatiratanga rights Māori have with their NZRIS data are upheld.	<ul style="list-style-type: none">• Ensure that Māori rights and interests are reflected in governance, design, delivery and monitoring of NZRIS.• Ensure that Māori have access to data that is theirs.• Co-design NZRIS products with Māori.
3 – Ōritetanga (Equality)	There is equity of access to NZRIS data and the provision of analytical insights.	<ul style="list-style-type: none">• Ensure Māori have access to NZRIS data.• Provide insights and analysis that responds to Māori data rights and interests in the RSI system.



NZ RIS Māori data sovereignty principles

The development of NZ RIS has looked to incorporate values which align with the principles of Māori data sovereignty. These include:



Rangatiratanga (sovereignty)



Kaitiakitanga (guardianship)



Whanaungatanga (connection)



Pūkengatanga (striving for excellence).



Manaakitanga (care)



Giving effect to data sovereignty principles

- Guidance at an operational level
- Based on previously agreed principles
- Being clear on our boundaries
- Worked with our advisory group to develop a framework and then sought feedback

Principles based approach

Principle	Impact sought for NZRIS	MBIEs responsibilities
Kaitiakitanga (guardianship)	<ul style="list-style-type: none"> There is a Māori narrative around data use that benefits Māori in Māori terms. Māori data is well-maintained and has connectedness to other data within NZRIS. 	<ul style="list-style-type: none"> There is a te ao Māori lens on upgrades and improvements to the NZRIS system, as well as in the design of Māori data insights. The NZRIS system is well-maintained and has open and transparent governance and stewardship that always includes Māori members NZRIS communicates Māori data from a Māori perspective.
Whanaungatanga (connection)	<ul style="list-style-type: none"> All Māori data in NZRIS has connectedness yet data origins are clearly defined. The rights and accountabilities of the Crown and Māori are balanced. 	<ul style="list-style-type: none"> Māori are represented in the stewardship and governance of NZRIS, and members of advisory groups have strong standings in the Māori community. MBIE will check with Māori that they are able to realise the benefits of having their data in NZRIS. NZRIS will consult with Māori around data retention and disposal.
Manaakitanga (care)	<ul style="list-style-type: none"> Māori data insights respect the context of Māori in the research, science and innovation (RSI) system. Māori have confidence in NZRIS as a data repository and in MBIEs stewardship and custodianship of the NZRIS system. 	<ul style="list-style-type: none"> Māori will be part of the development of insights about Māori, including the narrative that is placed around these insights. Create best practice model <ul style="list-style-type: none"> Have these insights been consulted on with Māori? What benefits do these insights offer Māori? Do these insights present information from a Māori lenses or perspective? A Māori lens applied to the protection of Māori data in NZRIS with transparency and clarity around how NZRIS will use Māori data. MBIE operates NZRIS in a way that upholds Tikanga Māori principles.
Rangatiratanga (sovereignty)	<ul style="list-style-type: none"> Māori have access to and decision making over Māori data in NZRIS. Māori insights in NZRIS are relevant to, and benefit Māori. 	<ul style="list-style-type: none"> NZRIS governance always has Māori members. MBIE understands what Māori data is in NZRIS and ensures it is visible/available to Māori. Māori can access and download data from NZRIS so it can be interpreted using their own lens and perspectives.
Pūkengatanga (Striving for excellence)	<ul style="list-style-type: none"> NZRIS operates within Māori Data Sovereignty best-practice. Questions answered by NZRIS about Māori in the RSI system are what Māori need and want to have answered. 	<ul style="list-style-type: none"> MBIE will maintain relationships with key Māori representatives and engage on periodic basis to determine whether the insights being produced by NZRIS are still of value. MBIE will provide guidance around data, use maintenance and representation to avoid miss use and miss handling of Māori data by

Our next steps

- Define tangible actions – possibly KPIs we can report on to demonstrate what we are doing.
- Develop our Māori data approach and the products we can provide to our Māori RSI community,
- Ensure NZRIS has Māori expertise and advice embedded in future governance

Lessons learned

- Good relationships
- Finding the right people with the right knowledge
- Authority and influence
- People are willing to help but busy



Thank you

**If you would like to know more:
email – NZRIS@mbie.govt.nz**

Website – <https://www.mbie.govt.nz/nzris>



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