

22 March 2017

**Aide memoire to the Minister of Finance: Budget 2016 Data and Analytics Contingency
- Tranche Two Investment Proposals**

At your meeting of 13 March 2017, Government Investment Ministers agreed to defer consideration of the budget bid for the Centre of Excellence for Data, as part of the DatArcade Business Case.

It was further agreed that this budget bid would be reconsidered, as part of Cabinet's consideration of the Cabinet paper, *Implementing Functional Leadership for Data and Analytics*, in April or May 2017.

NOTED



Hon Steven Joyce
Minister of Finance

**Report to Government Investment Ministers: Data and Analytics Contingency –
Tranche Two Investment Proposals**

Date:	23 February 2017	Priority:	High
Security level:	In confidence	File number:	Non-applicable

Contact details

Name	Position	Telephone	First contact
Mark Sowden	Information Group Chair	Redacted – s9(2)(g)(ii)	Yes

Recommended action

It is recommended that you:

1. **NOTE** the tranche two package of four proposals from the Budget 2016 Data and Analytics Contingency as below

a. [Redacted] Redacted – out of scope

b. [Redacted]

c. Open Data Programme – Land Information New Zealand

d. [Redacted] Redacted – out of scope

2. **AGREE** to the abridged recommendations considered by Government Investment Ministers on the 13th February 2017, set out in Appendix 1, by **2nd March 2017**

AGREE/ DISAGREE



Hon Steven Joyce
Minister of Finance

Hon Simon Bridges
**Associate Minister of
Finance**

Hon Amy Adams
**Associate Minister of
Finance**

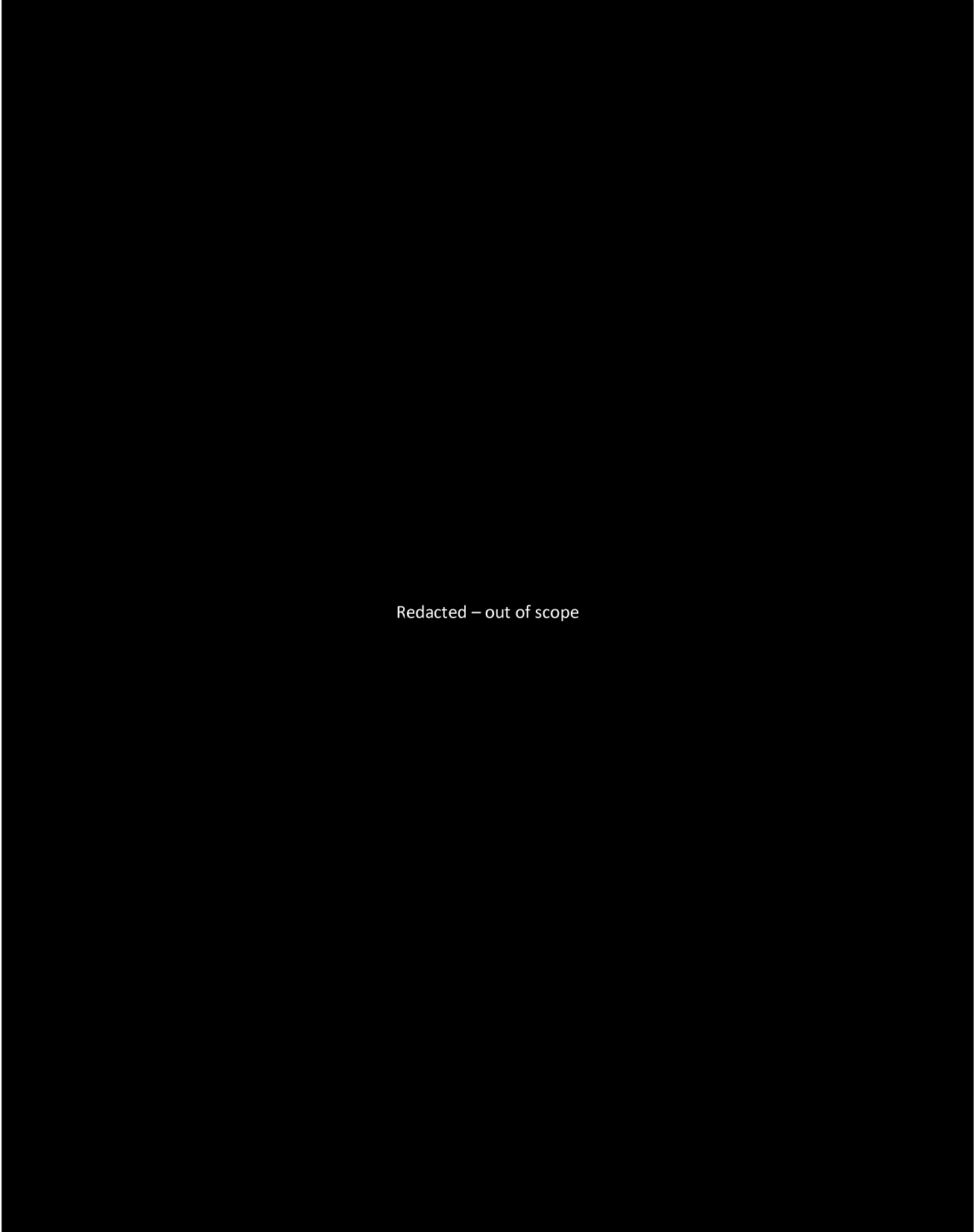
Hon Peter Dunne
**Minister of Internal
Affairs**



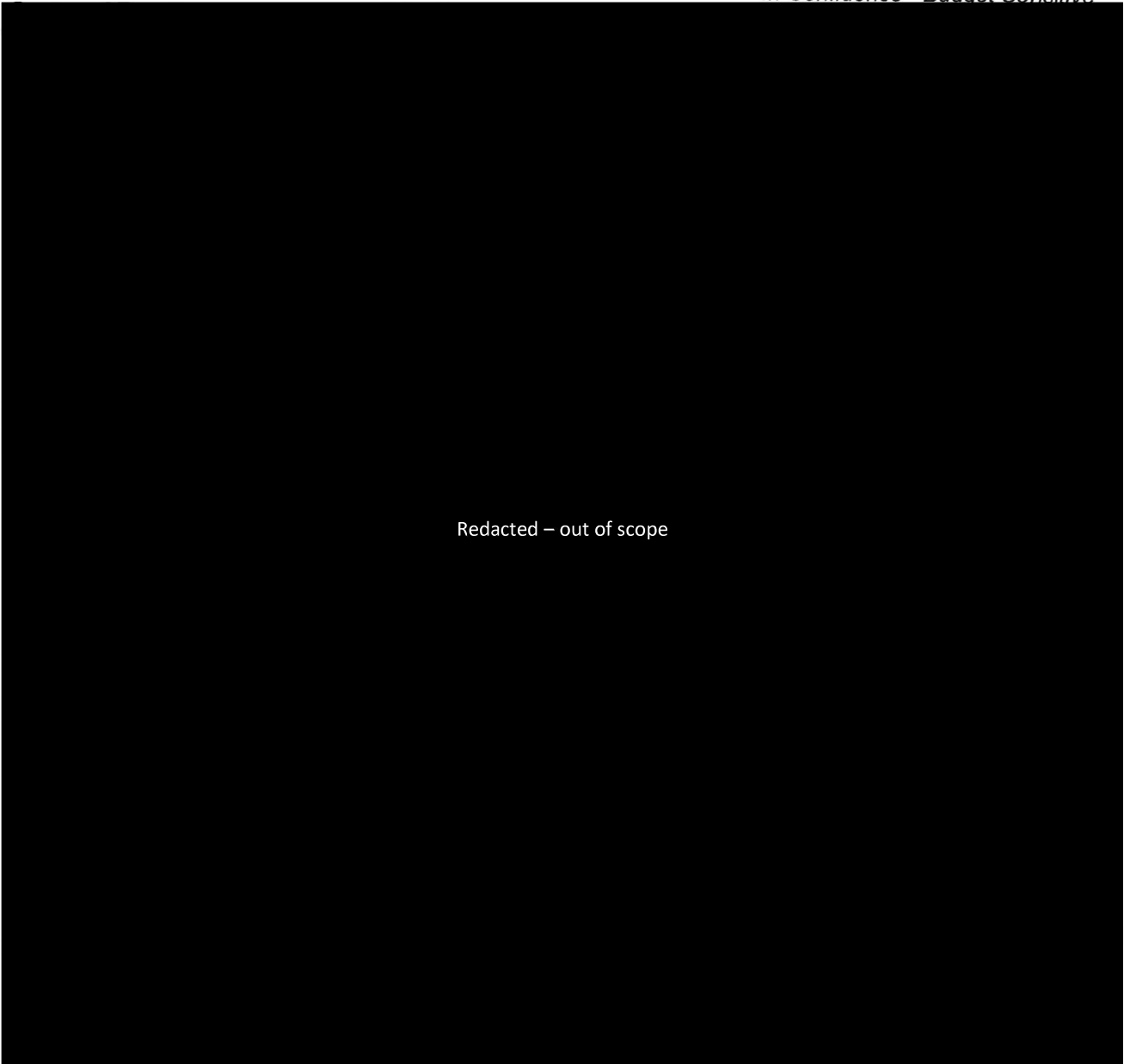
Mark Sowden
Information Group Chair

Appendix 1: Abridged recommendations on Budget 2016 Data and Analytics Contingency – Tranche Two Investment Proposals

Redacted – out of scope



Redacted – out of scope



Redacted – out of scope

Open Data Programme (21 – 25)

21. **AGREE** to fund the Open Data Programme proposal, to the full amount sought from the Data and Analytics Contingency, provided that no expenses are to be charged against the Open Data Programme from 1 February 2018 until Investment Ministers have approved the continued operation of the programme

AGREE / DISAGREE

22. **APPROVE** the following changes to appropriations to give effect to the policy decision in recommendation 21 above

APPROVED / NOT APPROVED

Vote Lands Minister for Land Information	\$m – increase/(decrease)				
	2016/17	2017/18	2018/19	2019/20	2020/21 & Outyears
Location Based Information MCA					

Departmental Output Expense:					
Leading the New Zealand Geospatial Strategy	2.000	1.900	1.700	1.600	-

23. **AGREE** that the proposed change to appropriations for 2016/17 in recommendation 22 above be included in the 2016/17 Supplementary Estimates and that, in the interim, the increase be met from Imprest Supply

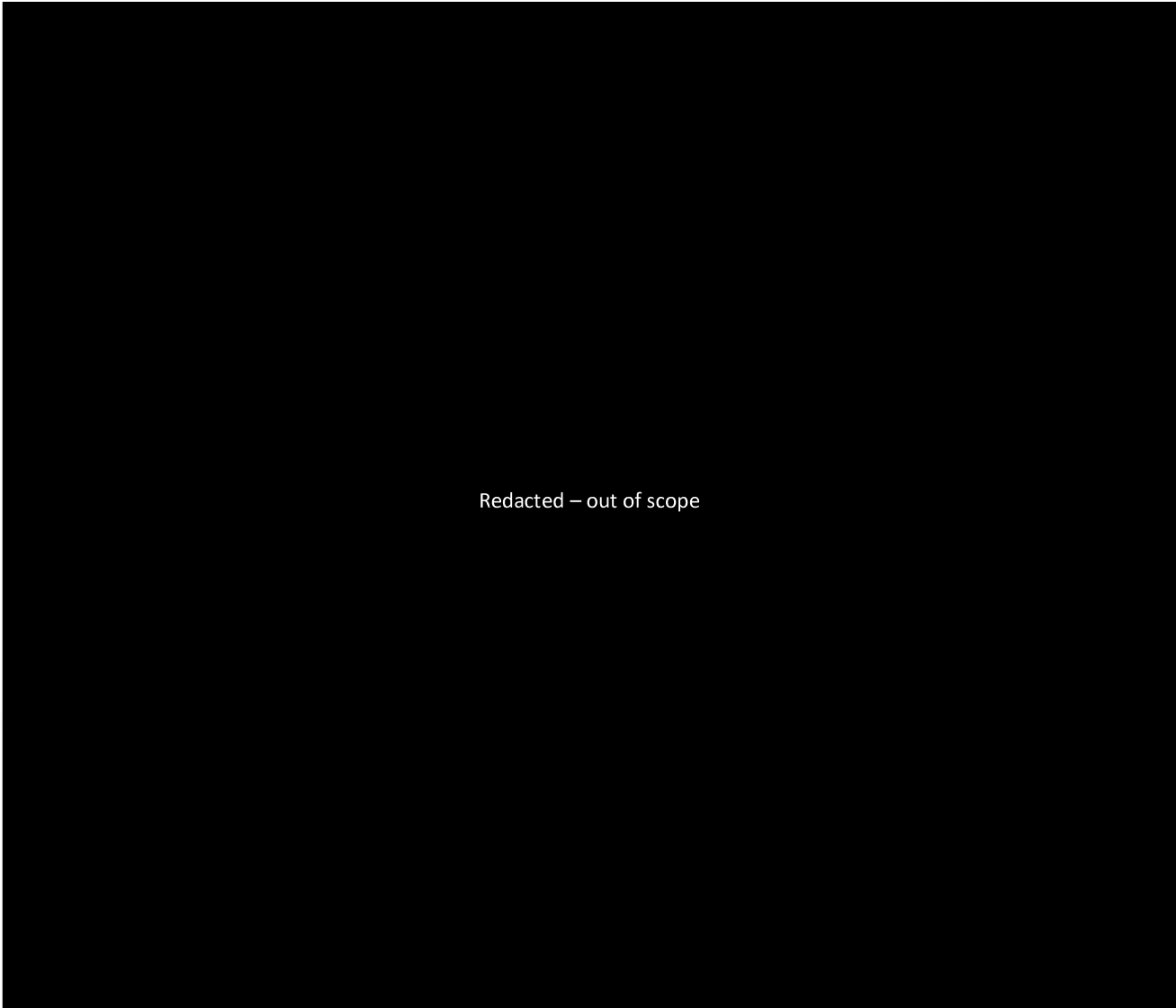
AGREE / DISAGREE

24. **AGREE** that the expenses incurred under recommendation 22 above be a charge against the between budget Data and Analytics Contingency established as part of Budget 2016

AGREE / DISAGREE

25. **DIRECT** the Information Group to co-ordinate advice from Land Information New Zealand, Statistics NZ the Department of Internal Affairs and GCIO on opportunities to improve the leadership, co-ordination, operation and support of the Open Data Program and report back to Investment Ministers prior to February 2018 on the results of the program and recommendations on the continued operation and leadership of the Open Data Program

AGREE / DISAGREE



Redacted – out of scope

Redacted – out of scope

Hon Steven Joyce
Minister of Finance

Hon Simon Bridges
**Associate Minister of
Finance**

Hon Amy Adams
**Associate Minister of
Finance**

Hon Peter Dunne
**Minister of Internal
Affairs**

Report to Government Investment Ministers: Data and Analytics Contingency – Tranche Two Investment Proposals

Purpose

1. This briefing provides an overview of how the tranche two investment proposals relate and contribute to the wider data ecosystem and requests the approval for these proposals to be funded from the 2016 Data and Analytics Contingency.

Background

2. On the 13 February 2017, Government Investment Ministers met with representatives from the Information Group to discuss the four investment proposals seeking funding from the 2016 Data and Analytics Contingency.
3. Government Investment Ministers noted that all the proposals, [Redacted – out of scope] [Redacted – out of scope] have a positive impact. Ministers requested more information to better understand the value of the proposals, including the current state of the government data landscape and their contribution to the wider data ecosystem.
4. Government Investment Ministers also had specific questions relating to some of the proposals. The agency responses to these questions are included in Appendix 2.

Data Investment Framework


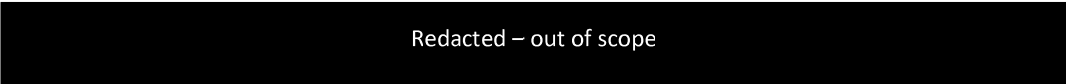
5. The Information Group has developed the Data Investment Framework to inform decisions in data infrastructure. In developing the Framework, the Information Group looked at the needs of a future data system and the current ability of the system to meet those needs.
6. The framework identified critical gaps in the data system (Figure 1), which were then prioritised and used to develop key focus areas for activity and investment. These areas provide the foundations and enablers for a robust data system in the longer term, and added value through improved access and service delivery in the shorter term.

Tranche Two Investment Proposals

7. The tranche two proposals include four business cases:
 - [Redacted – out of scope]
 - [Redacted – out of scope]
 - Open Data Programme – Land Information New Zealand
 - [Redacted – out of scope]
8. The proposals were developed based on existing needs or initiatives, while also responding to the gaps and focus areas in the Framework.
9. The Information Group has assessed the proposals against the Framework, detailed in Table 1, to ensure the proposals will deliver a significant contribution to the data system, as well as to their stakeholders and customers.


Strategic Context and Contribution of the Tranche Two Proposals

10. The four proposals deliver progress across all areas of the Data Investment Framework. As a package, they provide a balance of building the foundations of the data system, while also delivering immediate results to customers. There are several connections between the proposals and other data initiatives planned or in progress, which are explored in Table 1.

11. The Information Group recommends Government Investment Ministers support these four proposals as they make progress in filling crucial gaps in the data system, and are ready to deliver now. Specifically:
 -  Redacted – out of scope
 - To make progress in building capability and improving coordination across the system, the Information Group recommends investing in the CoE component of the DatArcade and the Open Data Programme.
 -  Redacted – out of scope
12. Further investment will be required over time to fill other gaps, however initiatives to fill these gaps will be developed over coming budgets as knowledge increases of how the system works in practice, and agency data capacity increases.
13. After an initial review of the data initiatives submitted for consideration in Budget 17, the Information Group remains of the view that the current initiatives represent priority spending to support building a scalable and sustainable data system.

Future Focus

14.



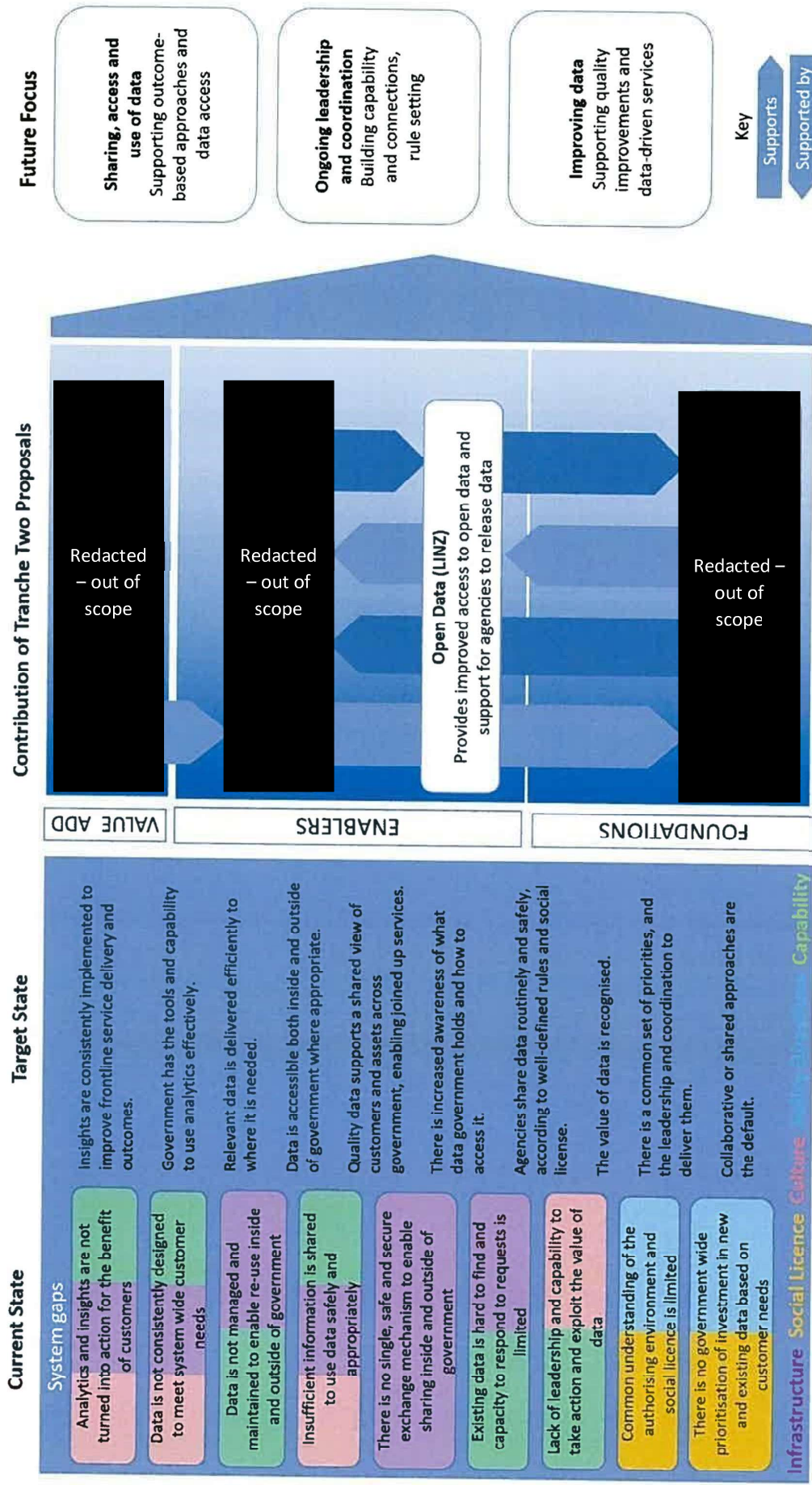
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Table 1: Current State of the Data Ecosystem and Contribution of the Tranche Two Proposals

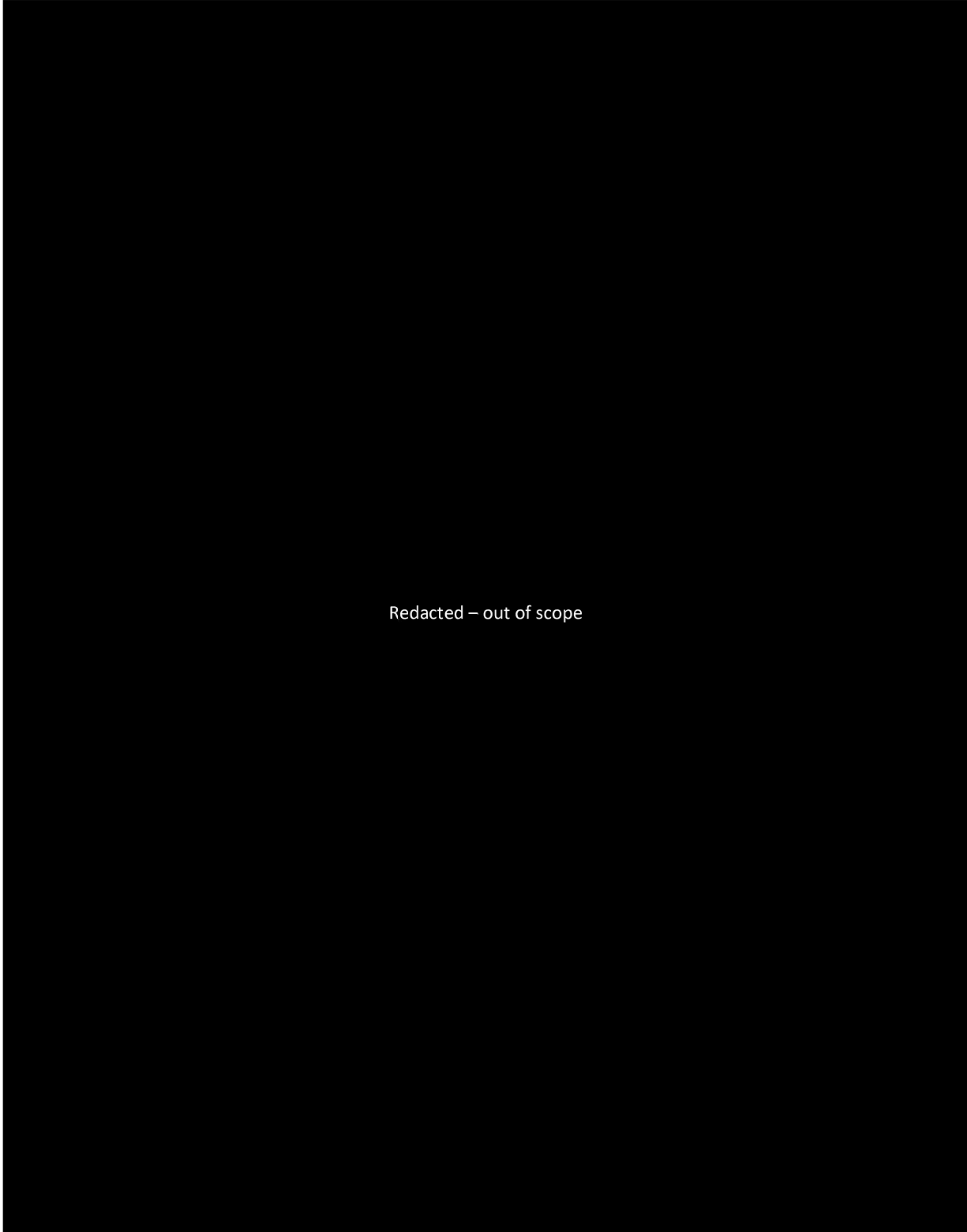
Proposal	Alignment to the Data Investment Framework	Why now	System context
Redacted – out of scope			Problems

Proposal	Alignment to the Data Investment Framework	Why now	System context
<p>Open Data Programme (LINZ) <i>Strengthen open data mandates and incentives, promote awareness, and develop advice and guidance</i> <i>Intensive support for agencies who hold data of high economic value.</i></p>	<p>Overall alignment Builds capability across the system, supports innovation and demonstrates the value of data. Has the potential to create a multiplier effect, through the continued reuse of and adding of value to data.</p> <p>System gaps addressed Provides guidance on designing data to meet customer needs. Improves access to open data through promoting and monitoring release. Identifies and supports the release of high value datasets, by actively working with agencies to overcome barriers. Creates efficiencies and enable agencies to grow their own capability, by providing a toolset for data release, including a permissions framework to provide clarity on what can and can't be released.</p>	<p>This proposal supports the release and use of open data across all sectors; social, economic and environment. An under investment in recent years, has led to limited progress in open data release. However once capability has been developed across government, the shift will mean that release will increase under an 'open by design' approach. Some agencies, such as IRD, have asked for more intensive support to help release their data. There is an increasing appetite for accessible, quality open data from the private sector. There is also outstanding demand for priority datasets to be released. The Open Government Partnership National Action Plan 2016-2018 has two commitments to increase access to open government data. If this programme is not funded then the NZ Government will struggle to meet these commitments.</p>	<p>The Open Data Programme has been leading the work on the Cabinet approved Declaration of Open and Transparent Government since 2011. Under this declaration, all government agencies are required to release high value public data. There is an existing body of evidence showing that open data provides significant value to the economy. Citizens and businesses benefit from private sector innovation through the development of new data-driven products and services. This proposal will develop a greater understanding of customer needs, the learnings of which will feed into other data initiatives. The tools and advice developed will form part of the Centre of Excellence's suite of standards and guidance. The programme will continue to work closely with DIA and their data.govt.nz platform to maximise access to and quality of open data.</p>
<p>Redacted – out of scope</p>			

Figure 1: Current State of the Data Ecosystem and Contribution of the Tranche Two Proposals



Appendix 2: Agency responses to questions asked by Government Investment Ministers

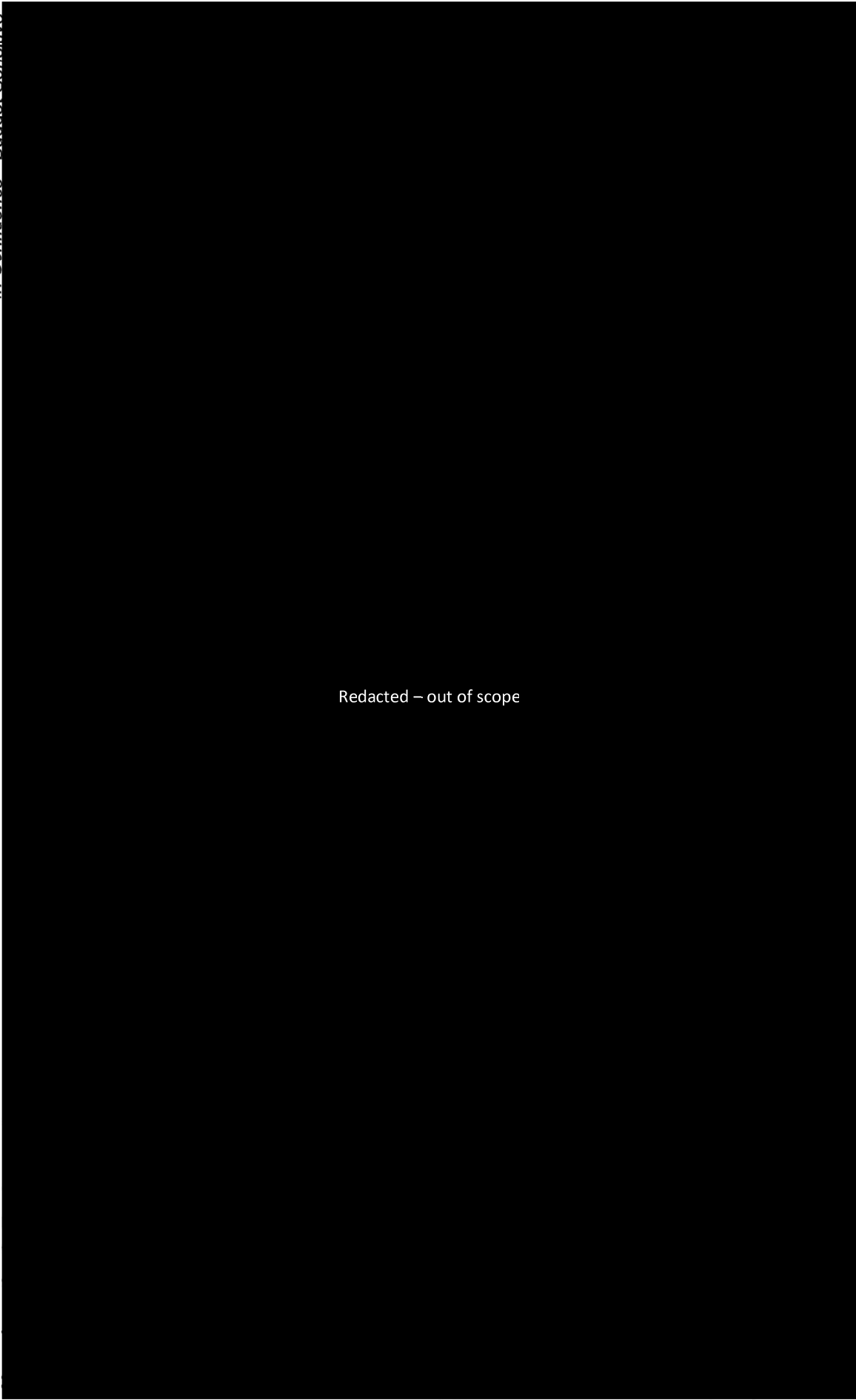


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