



Cabinet

CAB Min (08) 14/1(43)

Minute of Decision

Copy No:

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2008 Budget Package: Vote Research, Science and Technology

On 14 April 2008, Cabinet:

1. **approved** the Budget initiatives for the above Vote for inclusion in the 2008 Budget package, as listed in the summary below and detailed in the attached initiative documents;

Summary of initiatives included in the attached initiative documents:

Operating Initiatives (Impact on Operating Balance)

Initiative ID	Initiative Name	\$m - increase/(decrease)				
		2007/08	2008/09	2009/10	2010/11	2011/12 & Outyears
5237	Enhancing Emerging and High Value Technologies	-	3.000	3.000	3.000	3.000
5238	Sustainable Primary Systems	-	3.000	3.000	3.000	3.000
5239	Land and Water Use and Quality	-	3.000	3.000	3.000	3.000
5240	Biosecurity Tools and Understanding	-	3.000	3.000	3.000	3.000
5241	Coordinated Call for Research by the Foundation for Research, Science and Technology and the European Union	-	-	1.500	1.500	1.500
5242	Hazard Management Research	-	2.000	2.000	2.000	2.000
5243	Renewable Energy	-	2.000	2.000	3.000	3.000
5245	Development of New Zealand's Geothermal Resources	-	1.000	1.000	1.000	1.000
5246	Contestable Health Research	-	3.000	3.000	3.000	3.000
5247	Obesity Research	-	1.000	1.000	1.000	1.000
5248	Science Media Centre and Learning Hub	-	1.825	1.825	1.825	1.825
5249	Backbone Research and Science	-	4.000	6.000	6.000	6.000
5250	E-Science	-	-	0.200	0.200	-
5251	Ministry of Research, Science and Technology Capability	-	0.300	0.300	0.300	0.300
5252	Marsden Fund	-	2.000	2.000	3.000	6.000
5253	Pre-Seed Accelerator Fund	-	-	3.000	3.000	3.000
5254	Energy Transformational Research, Science and Technology (TRST)	-	1.500	3.000	5.000	9.000

5255	High Tech Platforms Transformational Research, Science and Technology (TRST)	-	3.000	3.000	8.000	10.000
5256	Long-Term Funding - Outcome Based Investments	-	2.000	4.500	4.500	4.500
5257	Technical Review and Stable Funding 2	-	-	-	-	-
5258	Futurewatch Transfer	-	-	-	-	-
5259	Advanced Network Transfer	-	7.747	(7.747)	-	-
5260	R&D Facilitation and Promotion Service	-	-	-	-	-
5261	Royal Society of New Zealand (RSNZ) Rutherford Foundation	-	1.000	1.000	1.000	1.000
Total Operating		-	44.372	39.578	56.325	65.125

Capital Initiatives (Impact on Debt)

Initiative ID	Initiative Name	\$m - increase/(decrease)				
		2007/08	2008/09	2009/10	2010/11	2011/12 & Outyears
5225	Equity Investment Fund	-	3.000	-	-	-
Total Capital		-	3.000	-	-	-

2. **agreed** to establish new appropriations where required to implement these initiatives, as described in the attached initiative documents;
3. **approved** the changes to appropriations and/or projected balances of net assets of the administering department (where applicable) to implement the initiatives, as set out in the attached initiative documents;
4. **approved** the additional recommendations to give effect to the initiatives, as set out in the attached initiative documents;
5. **agreed** that the proposed changes to appropriations and/or projected balances of net assets for 2007/08 above be included in the 2007/08 Supplementary Estimates and that, in the interim, the increases be met from Imprest Supply;
6. **authorised** the Minister of Finance and the Vote Minister to approve jointly any technical adjustments to baselines necessary to remove any errors or inconsistencies identified while finalising the 2007/08 Supplementary Estimates, the 2008/09 Estimates and the fiscal forecasts;
7. **noted** that all communications relating to the 2008 Budget are co-ordinated by a Budget communications committee, and that any requests for early announcement will need to have both the written approval of the Minister of Finance and sign-off from the Prime Minister's office;

8. **agreed** that the initiatives in the following table be set aside as contingency items, that corresponding funding for them be set aside in the between-Budget spending contingency, and that they be submitted to Cabinet for consideration at a later stage.

[information deleted in order to maintain the current constitutional conventions protecting the confidentiality of advice tendered by ministers and officials].

Secretary of the Cabinet

Reference: 2008 Budget package tabled
by the Minister of Finance

Distribution:

Prime Minister

Chief Executive, DPMC

Director PAG, DPMC

Minister of Finance

Secretary to the Treasury

Hon Jim Anderton

Minister of Research, Science and Technology

Chief Executive, Ministry of Research, Science and Technology

Associate Minister of Finance (Hon Trevor Mallard)

Controller and Auditor-General

Vote: Research, Science and Technology

Title: Equity Investment Fund

Description: Discretionary equity investments into Crown Research Institutes (CRIs).

Theme: Economic Transformation

Theme Objective: Innovative and productive workplaces: innovation

Performance Information

Performance Text

The Equity Investment Fund provides equity funding for CRI where shareholding Ministers have agreed the purpose and value of investment.

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	-	-	-	-
Debt Impact	-	3.000	-	-	-
No Impact	-	-	-	-	-
Total	-	3.000	-	-	-

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Capital Expenditure: Equity Investment Fund	-	3.000	-	-	-
Total Operating	-	-	-	-	-
Total Capital	-	3.000	-	-	-

Additional Recommendation

noted that the funding for this initiative will be a charge against the CRI Dividend Tally.

Initiative No: 5237

Vote: Research, Science and Technology

Title: Enhancing Emerging and High Value Technologies

Description: Investment to maintain capability in emerging and high value technologies and services.

Theme: Economic Transformation

Theme Objective: Innovative and productive workplaces: innovation

Performance Information

Performance Table

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity						
Number of total dollar value of new and active contracts	Reported by Funding and Investment Agents	n/a	quarterly	quarterly	quarterly	quarterly
Quality						
Contracts meet criteria set out in the Information Supporting the Appropriations or in the Ministerial Direction	Percentage	n/a	100	100	100	100
Timeliness						
Provision of data for Research, Science and &Technology Scorecard	Time	n/a	30/09/2009	30/09/2010	30/09/2011	30/09/2012

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	3.000	3.000	3.000	3.000
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	3.000	3.000	3.000	3.000

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Non-Departmental Output Expenses: New Economy Research Fund	-	3.000	3.000	3.000	3.000
Total Operating	-	3.000	3.000	3.000	3.000
Total Capital	-	-	-	-	-

Initiative No: 5238

Vote: Research, Science and Technology

Title: Sustainable Primary Systems

Description: Maintaining research capabilities for sustainable primary production.

Theme: Economic Transformation

Theme Objective: Innovative and productive workplaces: innovation

Performance Information

Performance Table

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity						
Contracts reporting direct co-funding greater than 5% of each contract's value	Percentage	n/a	50	50	50	50
Number of total dollar value of new and active contracts	Reported by Funding and Investment Agents	n/a	quarterly	quarterly	quarterly	quarterly
Quality						
Contracts meet the criteria set out in the Information Supporting the Appropriations	Percentage	n/a	100	100	100	100
Timeliness						
Provision of data for Research, Science and Technology Scorecard	Time	n/a	30/09/2009	30/09/2010	30/09/2011	30/09/2012

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	3.000	3.000	3.000	3.000
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	3.000	3.000	3.000	3.000

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Non-Departmental Output Expenses: Research for Industry	-	3.000	3.000	3.000	3.000
Total Operating	-	3.000	3.000	3.000	3.000

Total Capital	-	-	-	-	-
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Vote: Research, Science and Technology

Title: Land and Water Use and Quality

Description: Increase investment in research to:
 • understand the resilience, and restore the health, of soil and aquatic ecosystems; and
 • ensure the availability and optimal use of soil and water resources.

Theme: Economic Transformation

Theme Objective: Innovative and productive workplaces: innovation

Performance Information

Performance Table

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity						
Number and total dollar value of new and active contracts	Reported by Funding and Investment Agents	n/a	quarterly	quarterly	quarterly	quarterly
Quality						
Contracts meet the criteria set out in the Information Supporting the Appropriations or Ministerial Direction	Percentage	n/a	100	100	100	100
Timeliness						
Provision of data for Research, Science and Technology Scorecard	Time	n/a	30/09/2009	30/09/2010	30/09/2011	30/09/2012

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12 & Outyears
Operating Balance Impact	-	3.000	3.000	3.000	3.000
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	3.000	3.000	3.000	3.000

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12 & Outyears
Non-Departmental Output Expenses: Environmental Research	-	3.000	3.000	3.000	3.000
Total Operating	-	3.000	3.000	3.000	3.000
Total Capital	-	-	-	-	-

Initiative No: 5240

Vote: Research, Science and Technology

Title: Biosecurity Tools and Understanding

Description: Investment in bio-security research to develop new tools and understanding.

Theme: Economic Transformation

Theme Objective: Innovative and productive workplaces: innovation

Performance Information

Performance Table

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity						
Contracts reporting direct co-funding greater than 5% of each contract's value	Percentage	n/a	>50	>50	>50	>50
Number and total dollar value of new and active contracts	Reported by Funding and Investment Agents	n/a	quarterly	quarterly	quarterly	quarterly
Quality						
Contracts meet the criteria set out in the Information Supporting the Appropriations	Percentage	n/a	100	100	100	100
Timeliness						
Provision of data for Research, Science and Technology Scorecard	Time	n/a	30/09/2009	30/09/2010	30/09/2011	30/09/2012

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	3.000	3.000	3.000	3.000
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	3.000	3.000	3.000	3.000

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Non-Departmental Output Expenses: Research for Industry	-	3.000	3.000	3.000	3.000
Total Operating	-	3.000	3.000	3.000	3.000

Total Capital	-	-	-	-	-
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Initiative No: 5241

Vote:	Research, Science and Technology	
Title:	Coordinated Call by the Foundation for Research, Science and Technology and the European Union	
Description:	To support a coordinated call for research by the Foundation for Research, Science and Technology and the European Union in environmental sciences.	
Theme:	Economic Transformation	Theme Objective: Innovative and productive workplaces: innovation

Performance Information

Performance Table

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity Number and total dollar value of new and active contract	Reported by Funding and Investment Agents	n/a	n/a	quarterly	quarterly	quarterly
Quality Contracts meet the criteria set out in the Information Supporting the Appropriations or Ministerial Direction.	Percentage	n/a	n/a	100	100	100
Timeliness Provision of data for Research, Science and Technology Scorecard	Time	n/a	n/a	30/09/2010	30/09/2011	30/09/2012

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12 & Outyears
Operating Balance Impact	-	-	1.500	1.500	1.500
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	-	1.500	1.500	1.500

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12 & Outyears
Non-Departmental Output Expenses: Environmental Research	-	-	1.500	1.500	1.500
Total Operating	-	-	1.500	1.500	1.500
Total Capital	-	-	-	-	-

Initiative No: 5242

Vote: Research, Science and Technology

Title: Hazard Management Research

Description: Maintaining existing capabilities in hazard management and natural hazards research and to undertake research to improve understanding of present and anticipated natural hazards in New Zealand, including tsunami.

Theme: Economic Transformation

Theme Objective: Innovative and productive workplaces: innovation

Performance Information

Performance Table

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity						
Number and total dollar value of new and active contracts	Reported by Funding and Investment Agents	n/a	quarterly	quarterly	quarterly	quarterly
Quality						
Contracts meet the criteria set out in the Information Supporting the Appropriations	Percentage	n/a	100	100	100	100
Percentage of contracts reporting co-funding greater than 5% of each contract's value	Percentage	n/a	50	50	50	50
Timeliness						
Provision of data for Research, Science and Technology Scorecard	Time	n/a	30/09/2009	30/09/2010	30/09/2011	30/09/2012

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	2.000	2.000	2.000	2.000
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	2.000	2.000	2.000	2.000

Initiative No: 5242

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Non-Departmental Output Expenses: Research for Industry	-	2.000	2.000	2.000	2.000
Total Operating	-	2.000	2.000	2.000	2.000
Total Capital	-	-	-	-	-

Initiative No: 5243

Vote: Research, Science and Technology**Title:** Renewable Energy**Description:** To support underpinning research across the renewable energy spectrum.**Theme:** Economic Transformation**Theme Objective:** Innovative and productive workplaces: innovation**Performance Information****Performance Table**

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity						
Percentage of contracts reporting co-funding greater than 5% of each contract's value	Percentage	n/a	50	50	50	50
Number and total dollar value of new and active contracts	Reported by Funding and Investment Agents	n/a	quarterly	quarterly	quarterly	quarterly
Quality						
Contracts meet the criteria set out in the Information Supporting the Appropriations	Percentage	n/a	100	100	100	100
Timeliness						
Provision of data for Research, Science and Technology Scorecard	Time	n/a	30/09/2009	30/09/2010	30/09/2011	30/09/2012

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	2.000	2.000	3.000	3.000
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	2.000	2.000	3.000	3.000

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Non-Departmental Output Expenses: Research for Industry	-	2.000	2.000	3.000	3.000
Total Operating	-	2.000	2.000	3.000	3.000

Total Capital	-	-	-	-	-
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Initiative No: 5245

Vote: Research, Science and Technology

Title: Development of New Zealand's Geothermal Resources

Description: To accelerate deep geothermal energy development in New Zealand.

Theme: Economic Transformation

Theme Objective: Innovative and productive workplaces: innovation

Performance Information

Performance Table

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity						
Percentage of contracts reporting co-funding greater than 5% of each contract's value	Percentage	n/a	50	50	50	50
Number and total dollar value of new and active contracts	Reported by Funding and Investment Agents	n/a	quarterly	quarterly	quarterly	quarterly
Quality						
Contracts meet the criteria set out in the Information Supporting the Appropriations	Percentage	n/a	100	100	100	100
Timeliness						
Provision of data for Research, Science and Technology Scorecard	Time	n/a	30/09/2009	30/09/2010	30/09/2011	30/09/2012

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	1.000	1.000	1.000	1.000
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	1.000	1.000	1.000	1.000

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Non-Departmental Output Expenses: Research for Industry	-	1.000	1.000	1.000	1.000
Total Operating	-	1.000	1.000	1.000	1.000

Total Capital	-	-	-	-	-
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Initiative No: 5246

Vote: Research, Science and Technology

Title: Contestable Health Research

Description: To increase the Health Research contestable funding pool to expand opportunities for underpinning health research.

Theme: Economic Transformation

Theme Objective: Innovative and productive workplaces: innovation

Performance Information

Performance Table

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity						
Number and total dollar value of new and active contracts	Reported by Funding and Investment Agents	n/a	6 monthly	6 monthly	6 monthly	6 monthly
Quality						
Contracts awarded in line with the process and criteria set out in the relevant HRC contract	Percentage	n/a	100	100	100	100
Timeliness						
Provision of data for Research, Science and Technology Scorecard	Time	n/a	30/09/2009	30/09/2010	30/09/2011	30/09/2012

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12 & Outyears
Operating Balance Impact	-	3.000	3.000	3.000	3.000
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	3.000	3.000	3.000	3.000

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12 & Outyears
Non-Departmental Output Expenses: Health Research	-	3.000	3.000	3.000	3.000
Total Operating	-	3.000	3.000	3.000	3.000
Total Capital	-	-	-	-	-

Initiative No: 5247

Vote: Research, Science and Technology**Title:** Obesity Research**Description:** Obesity research to identify the most effective interventions to reduce or prevent obesity.**Theme:** Economic Transformation**Theme Objective:** Innovative and productive workplaces: innovation**Performance Information****Performance Table**

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity						
Number and total dollar value of new and active contracts	Reported by Funding and Investment Agents	n/a	6 monthly	6 monthly	6 monthly	6 monthly
Quality						
Contracts are awarded in line with the process and criteria set out in the relevant Health Research Council contract	Percentage	n/a	100	100	100	100
Timeliness						
Provision of data for Research, Science and Technology Scorecard	Time	n/a	30/09/2009	30/09/2010	30/09/2011	30/09/2012

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	1.000	1.000	1.000	1.000
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	1.000	1.000	1.000	1.000

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Non-Departmental Output Expenses: Health Research	-	1.000	1.000	1.000	1.000
Total Operating	-	1.000	1.000	1.000	1.000
Total Capital	-	-	-	-	-

Additional Recommendation

noted that this funding is intended to be matched with funding from Vote Health.

Initiative No: 5248

Vote:	Research, Science and Technology			
Title:	Science Media Centre and Learning Hub			
Description:	Ongoing implementation of the Science Learning Hub, and implementation of the Science and Technology Media Centre.			
Theme:	Economic Transformation	Theme Objective:	Innovative and productive workplaces: innovation	

Performance Information

Performance Text

Science Media Centre: Establish a science media centre by 1 July 2008.
Implementation of additional curriculum years for Science Learning Hub completed by 30 June 2009.

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	1.825	1.825	1.825	1.825
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	1.825	1.825	1.825	1.825

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Non-Departmental Output Expenses: Engaging New Zealanders with Science and Technology	-	1.825	1.825	1.825	1.825
Total Operating	-	1.825	1.825	1.825	1.825
Total Capital	-	-	-	-	-

Initiative No: 5249

Vote: Research, Science and Technology

Title: Backbone Research and Science

Description: Implementation of the Backbone Research Science Scheme

Theme: Economic Transformation

Theme Objective: Innovative and productive workplaces: innovation

Performance Information

Performance Table

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity						
Number and total dollar value of new and active contracts	Reported by Funding and Investment Agents	n/a	quarterly	quarterly	quarterly	quarterly
Quality						
Contracts meet the criteria set out in the Information Supporting the Appropriations or Ministerial Direction	Percentage	n/a	100	100	100	100
Timeliness						
Provision of data for Research, Science and Technology Scorecard	Time	n/a	30/09/2009	30/09/2010	30/09/2011	30/09/2012

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	4.000	6.000	6.000	6.000
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	4.000	6.000	6.000	6.000

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Non-Departmental Output Expenses:					
Environmental Research	-	2.564	4.564	4.564	4.564
Research for Industry	-	1.436	1.436	1.436	1.436
Total Operating	-	4.000	6.000	6.000	6.000
Total Capital	-	-	-	-	-

Additional Recommendation

noted that approximately \$3.1 million of this funding should be used to offset the subsidisation of Nationally Significant Databases with Crown Research Institutes Capability Funding; the remainder of funding is to be used to adjust for cost pressures in those contracts migrating into the Backbone for Research and Science Scheme in 2008/09 and 2009/10.

Vote: Research, Science and Technology

Title: E-Science

Description: Development of capability and infrastructure among users of the Kiwi Advanced Research and Education Network (KAREN) to facilitate the exchange of information in and between organisations in New Zealand or elsewhere

Theme: Economic Transformation

Theme Objective: Innovative and productive workplaces: innovation

Performance Information

Performance Text

This initiative will increase the capability of New Zealand's education and research community to fully utilise KAREN.

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	-	0.200	0.200	-
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	-	0.200	0.200	-

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Non-Departmental Output Expenses:					
Research for Industry	-	(3.556)	-	-	-
Other Expenses to be Incurred by the Crown:					
Advanced Network Capability Building	-	3.805	0.200	0.200	-
Pre-Seed Accelerator Fund	-	(0.249)	-	-	-
Total Operating	-	-	0.200	0.200	-
Total Capital	-	-	-	-	-

Initiative No: 5251

Vote:	Research, Science and Technology			
Title:	Ministry of Research, Science and Technology Capability			
Description:	Increased capability within the Ministry of Research, Science and Technology (MoRST)			
Theme:	Economic Transformation	Theme Objective:	Innovative and productive workplaces: innovation	

Performance Information

Performance Text

Performance measures will be determined during preparation of MoRST's Statement of Intent, and as part of MoRST's output plan with the Minister of Research, Science and Technology.

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	0.300	0.300	0.300	0.300
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	0.300	0.300	0.300	0.300

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Departmental Output Expenses (General): Advice on Shaping the Science System					
Policy Advice (funded by Revenue Crown)	-	0.300	0.300	0.300	0.300
Total Operating	-	0.300	0.300	0.300	0.300
Total Capital	-	-	-	-	-

Initiative No: 5252

Vote: Research, Science and Technology

Title: Marsden Fund

Description: For basic research by New Zealand's top researchers through the Marsden Fund, which provides contestable funding based on academic excellence.

Theme: Economic Transformation

Theme Objective: Innovative and productive workplaces: innovation

Performance Information

Performance Table

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity Number and total dollar value of existing contracts	Reported by Funding and Investment Agents	n/a	6 monthly	6 monthly	6 monthly	6 monthly
Quality Contracts will be awarded on the basis of research excellence	Percentage	n/a	100	100	100	100
Timeliness Provision of data for Research, Science and Technology Scorecard	Time	n/a	30/09/2009	30/09/2010	30/09/2011	30/09/2012

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12 & Outyears
Operating Balance Impact	-	2.000	2.000	3.000	6.000
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	2.000	2.000	3.000	6.000

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12 & Outyears
Non-Departmental Output Expenses: Marsden Fund	-	2.000	2.000	3.000	6.000
Total Operating	-	2.000	2.000	3.000	6.000
Total Capital	-	-	-	-	-

Initiative No: 5253

Vote: Research, Science and Technology**Title:** Pre-Seed Accelerator Fund**Description:** The development and potential flow of a greater quantity of proven high technology intellectual property from research institutes to New Zealand businesses.**Theme:** Economic Transformation**Theme Objective:** Innovative and productive workplaces: innovation**Performance Information****Performance Table**

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity						
Percentage of contracts that produce investor-ready milestones	Percentage	n/a	>75	>75	>75	>75
Number and total dollar value of new and active contracts (including by type of provider)	Reported by Funding and Investment Agents	n/a	quarterly	quarterly	quarterly	quarterly
Quality						
Contracts meet criteria set out in the Information Supporting the Appropriation or relevant Ministerial Direction	Percentage	n/a	100	100	100	100
Timeliness						
Provision of data for Research, Science and Technology Scorecard	Time	n/a	30/09/2009	30/09/2010	30/09/2011	30/09/2012

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	-	3.000	3.000	3.000
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	-	3.000	3.000	3.000

Initiative No: 5253

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Other Expenses to be Incurred by the Crown: Pre-Seed Accelerator Fund	-	-	3.000	3.000	3.000
Total Operating	-	-	3.000	3.000	3.000
Total Capital	-	-	-	-	-

Initiative No: 5254

Vote: Research, Science and Technology**Title:** Energy Transformational Research, Science and Technology (TRST)**Description:** To accelerate RS&T effort on renewable energy technologies and their integration into the New Zealand energy system.**Theme:** Economic Transformation**Theme Objective:** Innovative and productive workplaces: innovation**Performance Information****Performance Table**

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity						
Percentage of contracts reporting co-funding greater than 5% of each contract's value (Research for Industry only)	Percentage	n/a	>50	>50	>50	>50
Number and total dollar value of new and active contracts	Reported by Funding and Investment Agents	n/a	quarterly	quarterly	quarterly	quarterly
Quality						
Contracts meet the criteria set out in the Information Supporting the Appropriations	Percentage	n/a	100	100	100	100
Timeliness						
Provision of data for Research, Science and Technology Scorecard	Time	n/a	30/09/2009	30/09/2010	30/09/2011	30/09/2012

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	1.500	3.000	5.000	9.000
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	1.500	3.000	5.000	9.000

Initiative No: 5254

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Non-Departmental Output Expenses:					
Research for Industry	-	1.500	3.000	5.000	5.000
Sustainable Energy Development	-	-	-	-	4.000
Total Operating	-	1.500	3.000	5.000	9.000
Total Capital	-	-	-	-	-

Initiative No: 5255

Vote: Research, Science and Technology

Title: High Tech Platforms Transformational Research, Science and Technology (TRST)

Description: To launch the High Tech Platform TRST.

Theme: Economic Transformation

Theme Objective: Innovative and productive workplaces: innovation

Performance Information

Performance Table

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity						
Provision of data for Research, Science and Technology Scorecard	Time	n/a	30/09/2009	30/09/2010	30/09/2011	30/09/2012
Contracts meet the criteria set out in the Information Supporting the Appropriations or Ministerial Direction	Percentage	n/a	100	100	100	100
Number and total dollar value of new and active contracts	Reported by Funding and Investment Agents	n/a	quarterly	quarterly	quarterly	quarterly

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12 & Outyears
Operating Balance Impact	-	3.000	3.000	8.000	10.000
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	3.000	3.000	8.000	10.000

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12 & Outyears
Non-Departmental Output Expenses: New Economy Research Fund	-	3.000	3.000	8.000	10.000
Total Operating	-	3.000	3.000	8.000	10.000
Total Capital	-	-	-	-	-

Initiative No: 5256

Vote: Research, Science and Technology

Title: Long-Term Funding - Outcome Based Investments

Description: To offset cost pressures within Outcome Based Investments (OBI) contracts.

Theme: Economic Transformation

Theme Objective: Innovative and productive workplaces: innovation

Performance Information

Performance Table

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity						
Number and total dollar value of new and active contracts	Reported by Funding and Investment Agents	n/a	quarterly	quarterly	quarterly	quarterly
Quality						
Contracts meet the criteria set out in the Information Supporting the Appropriations or Ministerial Direction	Percentage	n/a	100	100	100	100
Timeliness						
Provision of data for Research, Science and Technology Scorecard	Time	n/a	30/09/2009	30/09/2010	30/09/2011	30/09/2012

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	2.000	4.500	4.500	4.500
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	2.000	4.500	4.500	4.500

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Non-Departmental Output Expenses: Environmental Research	-	2.000	4.500	4.500	4.500
Total Operating	-	2.000	4.500	4.500	4.500
Total Capital	-	-	-	-	-

Vote: Research, Science and Technology

Title: Technical Review and Stable Funding 2

Description: For the Foundation for Research, Science and Technology to implement the second phase of the stable funding initiative which includes the capability to review the technical merits of research programmes.

Theme: Economic Transformation

Theme Objective: Innovative and productive workplaces: innovation

Performance Information

Performance Table

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity						
Number of contracts monitored on the achievement of their performance objectives	Reported by Funding and Investment Agents (FIAs)	n/a	quarterly	quarterly	quarterly	quarterly
Quality						
Research contract payments are made at the agreed sum to the correct providers	Percentage	n/a	100	100	100	100
Investment efficiency (contract management budget per investment funds disbursed)	Reported by FIAs	n/a	quarterly	quarterly	quarterly	quarterly
Contracts are awarded in accordance with assessment processes outlined in annual updated documents	Percentage	n/a	100	100	100	100
Timeliness						
Achievement reports from research providers produced according to timelines & content in contract	Time	n/a	quarterly	quarterly	quarterly	quarterly
FIAs deliver key accountability reports according to timelines specified in the contract	Percentage	n/a	100	100	100	100

Initiative No: 5257

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	-	-	-	-
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	-	-	-	-

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Non-Departmental Output Expenses:					
Research Contract Management	-	0.800	-	-	-
Other Expenses to be Incurred by the Crown:					
Pre-Seed Accelerator Fund	-	(1.529)	-	-	-
Technology New Zealand	-	0.729	-	-	-
Total Operating	-	-	-	-	-
Total Capital	-	-	-	-	-

Initiative No: 5258

Vote: Research, Science and Technology**Title:** Futurewatch Transfer**Description:** Futurewatch activity previously provided for the Crown by third parties will be undertaken by the Ministry of Research, Science and Technology.**Theme:** Economic Transformation**Theme Objective:** Innovative and productive workplaces: innovation**Performance Information****Performance Text**

N/A.

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	-	-	-	-
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	-	-	-	-

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Departmental Output Expenses (General): Advice on Shaping the Science System					
Policy Advice (funded by Revenue Crown)	0.075	0.075	0.075	0.075	0.075
Non-Departmental Output Expenses: Engaging New Zealanders with Science and Technology	(0.075)	(0.075)	(0.075)	(0.075)	(0.075)
Total Operating	-	-	-	-	-
Total Capital	-	-	-	-	-

Initiative No: 5259

Vote: Research, Science and Technology

Title: Advanced Network Transfer

Description: A fiscally neutral transfer from 2009/10 to 2008/09 to cover expenditure in 2008/09.

Theme: Economic Transformation

Theme Objective: Innovative and productive workplaces: innovation

Performance Information

Performance Text

N/A.

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	7.747	(7.747)	-	-
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	7.747	(7.747)	-	-

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Other Expenses to be Incurred by the Crown:					
Advanced Network	-	7.747	(7.747)	-	-
Total Operating	-	7.747	(7.747)	-	-
Total Capital	-	-	-	-	-

Initiative No: 5260

Vote:	Research, Science and Technology	
Title:	Research and Development (R&D) Facilitation and Promotion Service	
Description:	The Foundation for Research, Science and Technology is to facilitate relationships between firms and the research community.	
Theme:	Economic Transformation	Theme Objective: Innovative and productive workplaces: innovation

Performance Information

Performance Table

	Unit of Measurement	Performance Specification				
		2007/08	2008/09	2009/10	2010/11	2011/12
Quantity						
Number and total dollar value of new and active contracts	Reported by Funding and Investment Agents	n/a	quarterly	quarterly	quarterly	quarterly
Timeliness						
Provision of data for Research, Science and Technology Scorecard	Time	n/a	30/09/2009	30/09/2010	30/09/2011	30/09/2012

Performance Text

Service to facilitate relationships between firms and the research community.

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12 & Outyears
Operating Balance Impact	-	-	-	-	-
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	-	-	-	-

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12 & Outyears
Non-Departmental Output Expenses: Research and Development Facilitation and Promotion Service	-	3.000	3.000	3.000	3.000
Other Expenses to be Incurred by the Crown: Technology New Zealand	-	(3.000)	(3.000)	(3.000)	(3.000)
Total Operating	-	-	-	-	-
Total Capital	-	-	-	-	-

Initiative No: 5261

Vote:	Research, Science and Technology		
Title:	Royal Society of New Zealand (RSNZ) Rutherford Foundation		
Description:	A government contribution to the RSNZ's Rutherford Foundation to support grants that will develop human resources in research, science and technology.		
Theme:	Economic Transformation	Theme Objective:	Innovative and Productive Workplaces: Innovation

Performance Information

Performance Text

Performance measures will be developed in the Information Supporting the Appropriations, and in the contract between the RSNZ and the Minister of Research, Science and Technology.

New Appropriation Approvals

Type	Period	Name	MCOA Output Class	Scope
Other Expenses to be Incurred by the Crown	Annual	Rutherford Foundation	N/A	This appropriation is limited to a grant towards the development of human resources in research, science and technology.

Appropriation Changes

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Operating Balance Impact	-	1.000	1.000	1.000	1.000
Debt Impact	-	-	-	-	-
No Impact	-	-	-	-	-
Total	-	1.000	1.000	1.000	1.000

	\$m - increase/(decrease)				
	2007/08	2008/09	2009/10	2010/11	2011/12& Outyears
Other Expenses to be Incurred by the Crown: Rutherford Foundation	-	1.000	1.000	1.000	1.000
Total Operating	-	1.000	1.000	1.000	1.000
Total Capital	-	-	-	-	-