#12

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Page 2: Section 1: submitter contact information

Q1

Name

Peter Hall

Q2

Email address

Privacy - 9(2)(a)

Q3

Can MBIE publish your name and contact information with your submission?Confidentiality notice: Responding "no" to this question does not guarantee that we will not release the name and contact information your provided, if any, as we may be required to do so by law. It does mean that we will contact you if we are considering releasing submitter contact information that you have asked that we keep in confidence, and we will take your request for confidentiality into account when making a decision on whether to release it.

Yes

Q4

Can MBIE contact you in relation to your submission?

Yes

Page 3: Section 2: Submitter information

Q5

Are you submitting as an individual or on behalf of an organisation?

Individual

Page 4: Section 2: Submitter information - individual

Q6

Are you a researcher or scientist?

Yes

Q7

Age

Q8

Gender

Q9

In which region do you primarily work?

Q10

Ethnicity

Privacy - 9(2)(a)

Page 5: Section 2: Submitter information - individual

Q11

What is your iwi affiliation?

Respondent skipped this question

Page 6: Section 2: Submitter information - individual

Q12

If you wish, please specify to which Pacific ethnicity you identify

Respondent skipped this question

Page 7: Section 2: Submitter information - individual

Q13

What type of organisation do you work for?

Crown Research Institute or Callaghan Innovation

Q14

Is it a Māori-led organisation?

No

Q15

Which disciplines are most relevant to your work?

Biological sciences,

Built environment and design,

Chemical sciences,

Economics,

Engineering,

Environmental sciences,

Information and computing sciences,

Physical sciences

Q16

What best describes the use of Mātauranga Māori (Māori knowledge) in your work?

There is some Mātauranga Māori, but it is not the main science knowledge

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Page 8: Section 2: Submitter information - organisation

Q17

Organisation name

Respondent skipped this question

Q18

Organisation type

Respondent skipped this question

Q19

Is it a Māori-led organisation?

Respondent skipped this question

Q20

Where is the headquarters of the organisation?

Respondent skipped this question

Q21

What best describes the use of Mātauranga Māori (Māori knowledge) in your organisation?

Respondent skipped this question

Page 9: Section 3: Research Priorities

Q22

Priorities design: What principles could be used to determine the scope and focus of research Priorities?(See page 27 of the Green Paper for additional information related to this question)

Efficiency
Environment; Climate change and water
Economy
A focus on energy its critical and often overlooked

Q23

Priority-setting process: What principles should guide a national research Priority-setting process, and how can the process best give effect to Te Tiriti?(See pages 28-29 of the Green Paper for additional information related to this question)

Urgently set up a Research Commission (as per PCE, CCC and Productivity) to guide government funding, policy and regulation.

There are many things we could do, there needs to be a process to determine those things we have to do in order to mitigate climate change and its consequences on society.

Low carbon energy is critical we must not be complacent about our energy supply.

Q24

Operationalising Priorities: How should the strategy for each national research Priority be set and how do we operationalise them?(See pages 30-33 of the Green Paper for additional information related to this question)

An Energy CRI. A ministry of Energy (separate to MBIE)
Energy is critical to the wealth and well being of our society and research on it is poorly focused.

Page 10: Section 4: Te Tiriti, mātauranga Māori, and Māori aspirations

Q25

Engagement: How should we engage with Māori and Treaty Partners?(See page 38 of the Green Paper for additional information related to this question)

Respondent skipped this question

Q26

Mātauranga Māori: What are your thoughts on how to enable and protect mātauranga Māori in the research system? (See pages 38-39 of the Green Paper for additional information related to this question)

It should be acknowledged and utilised as appropriate (indigenous plants and their uses) but trying to force it into every aspect of science (e.g., physics, data science) is inappropriate.

Q27

Regionally based Māori knowledge hubs: What are your thoughts on regionally based Māori knowledge hubs?
(See page 39 of the Green Paper for additional information related to this question)

Respondent skipped this question

Page 11: Section 5: Funding

Q28

Core Functions: How should we decide what constitutes a core function, and how do we fund them?(See pages 44-46 of the Green Paper for additional information related to this question)

There needs to a focus on priorities that will benefit NZ in the short to medium term. The clear priority at the moment is climate change. Close behind is water and they are both linked with energy supply.

Q29

Establishing a base grant and base grant design: Do you think a base grant funding model will improve stability and resilience for research organisations?(See pages 46-49 of the Green Paper for additional information related to this question)

Yes

Q30

Establishing a base grant and base grant design: How should we go about designing and implementing such a funding model?(See pages 46-49 of the Green Paper for additional information related to this question)

Just get on with it. Current budgets for CRIs times 0.8 = their base grant. Give stability in funding, an increase in funding, certainty to staff enhancing ability to plan and recruit.

Page 12: Section 6: Institutions

Q31

Institution design: How do we design collaborative, adaptive and agile research institutions that will serve current and future needs?(See pages 57-58 of the Green Paper for additional information related to this question)

Stop the waste associated with bidding into the Endeavour fund. Step back and let the CRIs work it out amongst themselves.

Q32

Role of institutions in workforce development: How can institutions be designed to better support capability, skill and workforce development?(See page 58 of the Green Paper for additional information related to this question)

Make some of the increased base funding be allocated to taking on students and employing them thru their degrees, Masters and Phds as appropriate the the individual.

Q33

Better coordinated property and capital investment: How should we make decisions on large property and capital investments under a more coordinated approach?(See pages 58-59 of the Green Paper for additional information related to this question)

Joint ownership across CRIs of major capital items such as NMR, super computers etc. Genuine partnership in their allocation.

Q34   **Respondent skipped this question**

Institution design and Te Tiriti: How do we design Tiriti-
enabled institutions? (See page 59 of the Green Paper
for additional information related to this question)

Q35

Knowledge exchange: How do we better support knowledge exchange and impact generation? What should be the role of research institutions in transferring knowledge into operational environments and technologies?(See pages 60-63 of the Green Paper for additional information related to this question)

Better funding of tech transfer. Journal papers are not useful for helping industry impact. Its the information synthesised from multiple papers over a period of time that when presented in a form that is digestible by industry the implementation occurs.

Page 13: Section 7: Research workforce

Q36

Workforce and research Priorities: How should we include workforce considerations in the design of national research Priorities?(See pages 69-70 of the Green Paper for additional information related to this question)

Better training and career / qualification support within institutions such as CRIs

Q37

Base grant and workforce: What impact would a base grant have on the research workforce?(See pages 70-71 of the Green Paper for additional information related to this question)

A more stable and committed workforce is likley if they have certainty around long term funding.

Q38

Better designed funding mechanisms: How do we design new funding mechanisms that strongly focus on workforce outcomes? (See page 72 of the Green Paper for additional information related to this question)

Respondent skipped this question

Page 14: Section 8: Research infrastructure

Q39

Funding research infrastructure: How do we support sustainable, efficient and enabling investment in research infrastructure?(See pages 77-78 of the Green Paper for additional information related to this question)

One of the tasks of the Research Commission suggested earlier would be to do an audit of capacity and see where investment is required.