#48

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Page 3: Submitter Information

Q1

Personal Information

Name Shane Gardiner

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Q2 No

Are you making this submission on behalf of a business or organisation?

Q3 Yes

Would you like to be kept informed of the outcome of the Space Policy Review?

Q4 Yes

Are you happy for MBIE to contact you if we have questions about your submission?

Q5 Respondent skipped this question

Privacy

Q6

Release of Information

I understand that if there is other information in this submission that I do not wish to be released, I will email this to spacepolicyreview@mbie.govt.nz with the subject line "Release of information", together with my reasons for withholding the information and grounds under the Official Information Act 1982, for consideration by MBIE

Page 4: New Zealand's interests in space

Q7 General interest in space,

What are your interests and relationship to space? Pick as many as apply below:

Have cultural connections to space

Q8

Please note any other interests and relationship to space below that you would like to share.

General interest to see our island nation advance within the space industry. General interest in space and celestial navigation.

Page 5: New Zealand's values in space

Q9

To what extent do you agree or disagree that these values should apply to New Zealand's space activities and engagements?

Innovation Strongly agree
Responsibility Strongly agree
Stewardship Strongly agree
Partnership Strongly agree

Q10

Are there any other values, or aspects of kaitiakitanga (guardianship), that you think should apply to New Zealand's space activities and engagements? For example, cultural values regarding space.

I believe that NZ should be pushing on the international stage for a more sustainable space industry.

Page 6: New Zealand's space policy objectives

Q11

Rank these key policy objectives in order of importance to you: Click and drag to reorder the objectives from 1 (most important) to 5 (least important)

Growing an innovative and inclusive space sector	2
Modelling sustainable space and Earth environments	1
Promoting the responsible uses of space internationally	4
Protecting and advancing our national security and economic interests	3
Regulating to ensure space activities are safe and secure	5

Page 7: Growing an innovative and inclusive space sector

Q12

To what extent do you agree or disagree that these policy objectives will help the New Zealand government to grow an innovative and inclusive space sector?

Promoting New Zealand's natural advantage for conducting space activities, and research and development expertise across the space value chain

Strongly agree

Partnering within New Zealand and internationally to increase research and development capabilities

Strongly agree

Identifying opportunities to increase diversity in the space sector

Strongly agree

Using cutting-edge space technology and space sourced data to

Strongly agree

support New Zealand's values and interests

Q13

Do you have any comments on these policy objectives? (e.g. any suggested change to how they are framed? Is there anything missing?)

Growth of the Government sector within the space industry?

Q14 Respondent skipped this question

Are there any other policy objectives that you think would help the New Zealand government to grow an innovative and inclusive space sector?

Q15

Do you have any questions or comments about what these objectives would mean in practice?

N/A

Page 8: Promoting the responsible uses of space internationally

Q16

To what extent do you agree or disagree that these policy objectives will help the New Zealand government to promote the responsible uses of space internationally?

Advocating for effective international rules, norms and standards $% \left(1\right) =\left(1\right) \left(1\right) \left$

Strongly agree

in space

Partnering with like-minded launch states to adopt peaceful, responsible and sustainable space practices

Strongly agree

Collaborating internationally to increase New Zealand's influence

Strongly agree

and capabilities in the global space sector

Q17

Do you have any comments on these policy objectives (e.g. any suggested change to how they are framed? Is there anything missing?)

Stronger language required to advocate for a more sustainable space sector

Q18

Respondent skipped this question

Are there any other policy objectives that you think would help the New Zealand government to promote the responsible uses of space internationally?

Q19

Respondent skipped this question

Do you have any questions or comments about what these objectives would mean in practice?

Page 9: Protecting and advancing our national security and economic interests

Q20

To what extent do you agree or disagree that these policy objectives will help the New Zealand government to protect and advance our national security and economic interests?

Use space assets to protect and advance New Zealand's national security and economic interests

Strongly agree

Manage the broad range of security risks in space to protect New Zealand's space industry Strongly agree

Collaborate with international space and security partners to pursue New Zealand's national security and economic interests

Strongly agree

Q21

Respondent skipped this question

Do you have any comments on these policy objectives (e.g. any suggested change to how they are framed? Is there anything missing?)

Q22

Respondent skipped this question

Are there any other policy objectives that you think would help the New Zealand government to protect and advance our national security and economic interests?

Q23

Respondent skipped this question

Do you have any questions or comments about what these objectives would mean in practice?

Page 10: Modelling sustainable space and Earth environments

Q24

To what extent do you agree or disagree that these policy objectives will help the New Zealand government to model sustainable space and Earth environments?

Encouraging inclusive, sustainable space collaborations within

Strongly agree

New Zealand

Assessing the cumulative impact of space activities on the Earth environment

Strongly agree

Assisting with solving sustainability challenges through space data, including to better monitor or understand the Earth's environment

Strongly agree

Investing in New Zealand's capability to retain, grow, access and use sustainable space technologies

Strongly agree

Q25

Respondent skipped this question

Do you have any comments on these policy objectives (e.g. any suggested change to how they are framed? Is there anything missing?)

Q26

Respondent skipped this question

Are there any other policy objectives that you think would help the New Zealand government to model sustainable space and Earth environments?

Q27

Respondent skipped this question

Do you have any questions or comments about what these objectives would mean in practice?

Page 11: Regulating to ensure space activities are safe and secure

Q28

To what extent do you agree or disagree that these policy objectives will help the New Zealand government to promote the responsible uses of space internationally?

Facilitating the safe and secure use of emerging space

Strongly agree

technologies from New Zealand

Strongly agree

Clarifying what New Zealand space activities are inconsistent with the national interest

Strongly agree

Promoting and protecting New Zealand's interests through

permitting space technologies

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Q29 Respondent skipped this question Do you have any comments on these policy objectives (e.g. any suggested change to how they are framed? Is there anything missing?) Q30 Respondent skipped this question Are there any other policy objectives that you think would help the New Zealand government to ensure space activities are safe and secure? Q31 Respondent skipped this question Do you have any questions or comments about what these objectives would mean in practice? Page 12: Regulating in line with our national interests Q32 Respondent skipped this question Are there any comments you would like to make about these criteria that inform consideration of the national interest?

What questions do you have about how the national interest is considered in practice?

Q33