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Page 4: New Zealand's interests in space

Q7

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

General interest in space,
Work in the New Zealand space sector,
Academic involvement on space issues

Q8

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

I've been involved in space medicine for over a decade with a prior NSBRI subcontract, collaboration with NASA scientists and spinout companies from JPL/Ames. This includes ongoing collaboration in medical devices intended with both space and terrestrial applications.

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.

We are building next generation medical devices using fusion science, incorporating inputs from international sources and including mataurangi Māori science.

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	1
Modelling sustainable space and Earth environments	4
Promoting the responsible uses of space internationally	2
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	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 support New Zealand's values and interests	Strongly agree

Q13

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

I think we should also look outward with collaboration towards not only space capable countries but also LMIC

Q14

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

Commercialisation of space technology inclusive of space medicine

Q15

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

Does it result in dedicated funding streams such as SBIR in the USA to foster transformational technologies which are often resisted or ignored by mainstream sources.

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 in space	Agree
Partnering with like-minded launch states to adopt peaceful, responsible and sustainable space practices	Strongly agree
Collaborating internationally to increase New Zealand's influence and capabilities in the global space sector	Strongly agree

Q17

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

Don't forget there are both public and private interests in space but overall we should ensure public good remains the primary objective rather than the militarization of space

Q18

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

Space policies should also include environmental, conservation of species etc policies.

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

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 technologies from New Zealand **Strongly agree**

Clarifying what New Zealand space activities are inconsistent with the national interest **Neither agree nor disagree**

Promoting and protecting New Zealand's interests through permitting space technologies **Strongly agree**

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?

Q33

Respondent skipped this question

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