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Page 3: Submitter Information

Q1

Personal Information

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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.
Do not wish space to be used for military purposes. Our country must ensure it protects its nuclear-free stance
Space should be a place of peace and progress, not war and conquest.
There is nothing in law that requires either the government or private space operators to consult and genuinely listen to tangata whenua - that needs to change.
Reducing the environmental effects of space activities, including rocket launches, should be a priority.

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	Agree
Responsibility	Strongly agree
Stewardship	Strongly agree
Partnership	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.
angata whenua must have direct input into this national space policy review process.
The government needs to commission further Ecological Risk Assessments of the environmental effects of space activities, particularly rocket launches.

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

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 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?)

The Outer Space and High-altitude Activities Act 2017 must be amended to:

Ban space launches with payloads containing any military hardware

Prevent the launch of payloads that serve the interests of foreign military and intelligence agencies

Require the crown and private space operators to respect the rights of tangata whenua.

Q14

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

Our country must ensure it protects its nuclear-free stance

Space should be a place of peace and progress, not war and conquest.

There is nothing in law that requires either the government or private space operators to consult and genuinely listen to tangata whenua - that needs to change.

Reducing the environmental effects of space activities, including rocket launches, should be a priority.

Q15

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

Any space program must not be dependent on military related activities to survive. The Government needs to acknowledge that contributing to the militarisation of space goes against the national interest.

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

Neither agree nor disagree

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

Neither agree nor disagree

Collaborating internationally to increase New Zealand's influence and capabilities in the global space sector

Neither agree nor disagree

Q17

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

The present space program was sold as having the above objectives. However, it now seems that the major activities is related to support for military activities. So, it is very important that there are additional safeguards put in place to avoid any collaboration or financial support from military related activities, government or otherwise

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

Neither agree nor disagree

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

Neither agree nor disagree

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

Neither agree nor disagree

Q21

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

It depends on what is regarded as our national security and economic interests. We are facing many biophysical limits and a climate emergency. In order to survive the system change needed, our interests should be focussed on supporting the local economy, degrowth with a movement away from fossil fuels.

Q22

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?

Tangata whenua must have direct input into this national space policy review process.

The government needs to commission further Ecological Risk Assessments of the environmental effects of space activities, particularly rocket launches.

Q23

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

see above

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	Agree
Assessing the cumulative impact of space activities on the Earth environment	Agree
Assisting with solving sustainability challenges through space data, including to better monitor or understand the Earth's environment	Agree
Investing in New Zealand's capability to retain, grow, access and use sustainable space technologies	Agree

Q25

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

Tangata whenua must have direct input into this national space policy review process.

The government needs to commission further Ecological Risk Assessments of the environmental effects of space activities, particularly rocket launches.

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	Neither agree nor disagree
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	Neither agree nor disagree

Q29

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

Civilisation is facing an existential crisis, and economic and environmental activities must take into account, system change in order to a localised economy living within our carbon footprint.

Q30

Are there any other policy objectives that you think would help the New Zealand government to ensure space activities are safe and secure?

see above

Q31

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

see above

Page 12: Regulating in line with our national interests

Q32

Are there any comments you would like to make about these criteria that inform consideration of the national interest?

These regulations appear to take into account our concerns

Q33

Respondent skipped this question

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