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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

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

General interest in space,

Other (please specify):

Concerns about the militarisation of space

Q8

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

I'm also concerned about the environmental effects of rocket launches.

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	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.

Mahia mana whenua have observed a loss of bird life and kiamoana since the launches started. Also the community was promised the facility would not be used for Military purposes. Maori and other New Zealanders need to be properly consulted. I also have concerns that our peace and disarmament policies and New Zealand's obligations under humanitarian and human rights law are not being considered at all.

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

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 **Agree**

Identifying opportunities to increase diversity in the space sector **Agree**

Using cutting-edge space technology and space sourced data to support New Zealand's values and interests **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?)

There is a lack of a precautionary approach to insure that New Zealand's international obligations under international Law is being upheld. Particularly with regard to prohibited weapons, including nuclear, biological and chemical weapons.

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?

Will they increase the Militarisation of space by allowing rockets launched from or soil to carry payloads with potential military uses?

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 **Strongly 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 **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?)

We need to ensure that ambiguous payloads from the United States Military and intelligence actors don't threaten our nuclear free legal commitments.

Q18

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

Promote that space is for peace.

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 **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?)

Only that probable security partner the US is not only armed with nuclear weapons but is not a state party to either the Mine ban treaty or the convention on cluster munitions. Guidance systems for these should not be launched from New Zealand soil as It will damage our Nuclear free policy an Treaties we have signed.

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

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

Is the USAs intelligence and military using our soil as a base to launch its guidance or geopositioning of any prohibited weapon system against our international obligations?

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 **Strongly agree**

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

Q29

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

Space Activities are not in the public interest if they break our Nuclear free Laws

Q30

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

There needs to be a change to the outer space and high altitude Act of 2017 to include CO2 emissions from the launch of rockets into space.

Q31

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

Is New Zealand's use of rocket technology in the national interest if it breaks the Law?

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 are good criteria.

Q33

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

Does the contribution to nuclear weapons include other prohibited weapons such as cluster, biological and chemical include payloads that should not be launched from New Zealand territory .

Does this include payloads that may be used for command, control guidance or geo-positioning of these weapon that are illegal under New Zealand Law?
