

#14

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Page 3: Submitter Information

Q2 **No**

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

Page 4: New Zealand's interests in space

Q7 **General interest in space, Have cultural connections to space**

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

Q8 **Respondent skipped this question**

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

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	Neither agree nor disagree
Stewardship	Neither agree nor disagree
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.

Responsibility - NZ will ensure that all space launches have a planned end of life program to ensure that all parts that go up have the capability to either burn up, come down safely or exit the gravity of earth within 10 years. (the no space junk clause)

Responsibility - NZ will ensure that all space launches are inspected by certified government inspectors (who have passed background and security checks, have been NZ citizens for over 10 years and are paid by the government (basically space custom officers)) to verify that no parts that go up can be used in an offensive capacity to destroy other spacecraft or land based targets. (the no weapons in space clause)

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

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 | Agree |
| Identifying opportunities to increase diversity in the space sector | Neither agree nor disagree |
| 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?)

Consider incorporating support for the Christchurch Call . E.g. companies that allow racist, negative content (Instagram, Facebook,...) without actively fighting to eliminate it are prevented from using NZ for their satellite launches.

Q14

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

Promote "100% Pure" idea that the NZ government makes sure that any launch from NZ is morally, environmentally and intended usage as "100% Pure" as possible.

Q15

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

Pretty easy to implement just look at Customs officials and copy them as Space Launch officials. For now you would only need 2 or 3 and it could be a big marketing opportunity.

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	Strongly agree

Q17

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?)

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

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

Space Launch officers as previously discussed

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 **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 **Neither agree nor disagree**

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 **Agree**

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

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

The minister should have a DETAILED list of space activities that are not in NZ's national interests and there should be a law that SPECIFICALLY forbids approval of any space activity that is on the forbidden list.

This list can be changed from time to time by updating the law.

For space activities that are NOT on the forbidden list the minister can approve them and there should be a court process to appeal the ministers approval and add them to the forbidden list if the court feels the space activities are not in NZ national interest. If the government feels the court got it wrong then they can pass an amendment to the "Forbidden list/ Allowed list" that specifically allows that space activity.

Q33

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

Having a law with a forbidden/allowed list, which can be updated by court appeal and law amendments, should ensure that the "national interest" is clearly defined and flexible over time.
