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**COMPLETE**

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Page 3: Submitter Information

**Q1**

Personal Information

Name **Anna Collins**  
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**Q2****No**

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

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**Q3****Yes**

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

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**Q4****Yes**

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

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**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](mailto: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

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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:

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**Q8**

**Respondent skipped this question**

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

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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	<b>Don't know</b>
Responsibility	<b>Strongly agree</b>
Stewardship	<b>Strongly agree</b>
Partnership	<b>Strongly agree</b>

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**Q10**

**Respondent skipped this question**

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.

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

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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 **Don't know**
- 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 **Don't know**

**Q13**

**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?)

**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?

I'm not sure I fully understand the objectives or how this can help us with the climate crisis and I think there are things closer to home that will be more cost effective that we can do in this regard. We should explore those options first. We can only continue discovering IF we keep the planet we are on habitable!

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 **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?)

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**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?

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**Q19**

Respondent skipped this question

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

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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 disagree**

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

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

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**Q21**

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

Is this a euphemism for launching payloads and or allowing others to launch payloads? You have to know that contributing to the militarisation of space goes against the national interest.

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**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?

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**Q23**

Respondent skipped this question

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

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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

**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

**Neither agree nor disagree**

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**Q25**

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

"Assisting with solving sustainability challenges through space data, including to better monitor or understand the Earth's environment"  
- Yes I agree with this but again there are solutions closer to home that we are ignoring due to our own hubris and entirely to our own detriment!

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**Q26**

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

We need to look at factory farming and a way to end it NOW

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**Q27**

**Respondent skipped this question**

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

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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 **Don't know**

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**Q29**

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

Promoting and protecting New Zealand's interests through permitting space technologies - this is one we need to be careful of, it's like America thinking more guns are the answer...very dangerous game to play that!

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**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?

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**Q31**

**Respondent skipped this question**

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

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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 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.

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.

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**Q33**

**Respondent skipped this question**

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

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