

#16

**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Monday, September 12, 2022 11:01:53 AM  
**Last Modified:** Monday, September 12, 2022 11:22:24 AM  
**Time Spent:** 00:20:31  
**IP Address:** 203.167.249.186

---

Page 3: Submitter Information

**Q1**

Personal Information

Name	<b>Zoe Ogilvie-Burns</b>
Email Address	<b>zoe.ogilvie@gmail.com</b>

---

**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](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**

---

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:

**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	<b>Agree</b>
Responsibility	<b>Strongly agree</b>
Stewardship	<b>Strongly agree</b>
Partnership	<b>Agree</b>

**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.

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

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	<b>Strongly agree</b>
Partnering within New Zealand and internationally to increase research and development capabilities	<b>Agree</b>
Identifying opportunities to increase diversity in the space sector	<b>Strongly agree</b>
Using cutting-edge space technology and space sourced data to support New Zealand's values and interests	<b>Agree</b>

**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'd be interested in how the implementation of the objective 'Identifying opportunities to increase diversity in the space sector' would be undertaken. There's lots of opportunity there so prioritising will likely be needed. I'd be interested in how this links to other STEM initiatives across New Zealand, especially for girls and young women.

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

**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?

It will be important to link these objectives across agencies to ensure a joined-up approach for bi-lateral and multi-lateral conversations. I believe they should be ingrained in those conversations, regardless of topic because New Zealand is so strongly reliant on a fair international system (for food safety, biosecurity, trade, etc.). The only leverage we have in many cases are international standards and rules, which is why this would need to conscientiously be a part of the korero with other likeminded nations and global organisations. It also aligns with the New Zealand foreign policy approach on similar topics such as international trade.

---

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                              | <b>Neither agree nor disagree</b> |
| Manage the broad range of security risks in space to protect New Zealand's space industry                                   | <b>Agree</b>                      |
| Collaborate with international space and security partners to pursue New Zealand's national security and economic interests | <b>Neither agree nor disagree</b> |
- 

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

---

**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 **Agree**

Clarifying what New Zealand space activities are inconsistent with the national interest **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?

I would consider adding to 'where the intended end use is likely to cause serious or irreversible harm to the environment' 'or mātauranga Māori'. I suggest this because it brings mātauranga Māori to the fore of why New Zealand would consider a space activity not in national interest and begins to take into account more of a Te Ao Māori worldview in terms of harm to the environment (of both the land and sky).

---

**Q33**

**Respondent skipped this question**

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

---