

#52

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Sunday, October 30, 2022 4:23:02 PM
Last Modified: Monday, October 31, 2022 9:23:01 PM
Time Spent: Over a day
IP Address: 45.125.171.245

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,**

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

Other (please specify):

Member of Auckland Astronomical Society

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	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.

In terms of responsibility, promoting a peaceful space environment is of utmost importance.

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	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	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

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

Respondent skipped this question

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

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 **Agree**

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

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

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 consenting process for Rocket Lab's Māhia launch was not consistent with Te Tiriti and the community were promised the facility would not be used for military purposes.

What engagement did MBIE have with Māori astronomers who raised concerns about space launches during the consultation meetings?

It is not clear if New Zealand's disarmament obligations are being met when payload applications are being assessed, nor if New Zealand's obligations under humanitarian and human rights law are being considered. This is of particular concern with regard to prohibited weapons, including nuclear weapons and other weapons that are banned by New Zealand law.

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

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

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

Does MBIE have the knowledge to assess applications in relation to New Zealand's "national interest", which we have been told includes New Zealand's disarmament obligations, or the technical expertise to determine what the technology in any payload is for? As the payloads are sealed, decisions are reliant on information provided by the payload applicant.

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?)

Despite the climate emergency, there is no information about the emissions profile of space 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

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?

It is not appropriate for any government agency tasked with promoting space launches from NZ territory and "growing" the space sector to also be the regulatory authority which approves payloads. There needs to be an independent regulatory authority.

Q33

Respondent skipped this question

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