

#47

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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

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

I am tangata whenua in Aotearoa New Zealand and as such I believe in exclusively peaceful uses of space.

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	Strongly disagree
Responsibility	Strongly disagree
Stewardship	Strongly disagree
Partnership	Strongly disagree

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.

I disagree that those values should apply to NZ's space activities. These values (innovation, responsibility, stewardship, partnership) have not been upheld in any meaningful way over the past 5 years. In particular:

Innovation:

NZ's entire space programme was started as a reaction to Rocket Lab - this is not innovative, but reactionary
Little in the way of a clear focus of NZ's interests in this area. Beyond a very commercially-driven and US-military focus.

It is bizarre (and perhaps revealing) that a Space programme should be situated within MBIE and not a dedicated scientific agency.

Responsibility:

it is not responsible to approve payload launches where most of the information about them is classified by the US government.
It is not responsible to allow the launching into space of surveillance satellites where the data may be on sold to private and state agents for purposes contrary to human rights

It is not responsible to approve payloads for weapons guidance systems, albeit even in the development phase for the technology.
Dual purpose technology exists, but where the client is a military agency and its suppliers, the application of the technology is clearly for military purposes.

Stewardship

It is difficult to reconcile any space programme with environmental stewardship given the massive impact that launches have in terms of fossil fuel use and ecological damage. Aside from the launches themselves is the desecration of the landscape where launchpads sit, and the polluting of surrounding waters.

Partnership

The experience of Tangata Whenua/Rongomaiwahine on the Mahia peninsula is disturbing. At the very least, Rocket Lab provided assurances that the facility would not be used for military purposes. This is clearly not the case

Rather than a values-based approach, a principles-based approach to a space policy would be more appropriate. Those principles should be

Te Tiriti Justice

Rangimarie / Peace

Mana Tangata / Human Rights

Kaitiakitanga / Ecological Care & Climate Justice

Transparency

Cultural values regarding space include the need to keep it free from space junk that is polluting the night sky and posing a risk to life on Earth.

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	4
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	Neither agree nor disagree
Partnering within New Zealand and internationally to increase research and development capabilities	Neither agree nor disagree
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	Neither agree nor disagree

Q13

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

'Innovation' is not an acceptable goal if it is in the service of technology designed to damage and kill people. Just because we can do something, and make money out of it, doesn't mean we should do it. Public policy should not support space activities designed to benefit weapons producers including weapons communications systems.

Innovation and diversity for peaceful purposes is a great thing, but only when it is not used to justify support for the development and deployment of weapons systems, combat communications and spying activities.

Q14

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

Banning any opportunities that include weapons and spying technology.

Q15

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

We need to ensure there are no opportunities to increase diversity in the space sector for weapons and spying technologies.

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

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

Strongly Agree - provided NZ promotes an exclusively peaceful use of space, which is currently not the case.

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

Q21

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

Collaborating with iwi Māori is essential as it is within our whakapapa to care for rangi and te kore. We need to ensure that we protect our planet and all that surrounds it.

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	Strongly agree
Investing in New Zealand's capability to retain, grow, access and use sustainable space technologies	Strongly 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?)

These answers are only applicable if we do not aid or encourage weapons or surveillance technology.

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

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 must not stop at nuclear weapons. There is grave concerns that other weapons and spy technology would be capable if it is not explicitly expressed.

Q33

Respondent skipped this question

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