

#2

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Friday, October 28, 2022 8:57:50 AM
Last Modified: Friday, October 28, 2022 9:51:10 AM
Time Spent: 00:53:20
IP Address: 163.47.238.21

Page 3: Submitter Information

Q1

Personal Information

Name **lost Janet De Lu**
Email Address **Newjerseydreamer@gmail.com**

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 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	Strongly agree
Responsibility	Strongly agree
Stewardship	Strongly agree
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.

It is crucial for New Zealand as a peaceful nation not to contribute to the militarization of space. Currently payloads are being launched into space from New Zealand on behalf of foreign military and intelligence actors. This goes against the important value of limiting space activities to peaceful purposes.

Support for our environment is also crucial, especially as concerns global climate change. All space activities should be carefully examined for their environmental impacts.

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	5
Modelling sustainable space and Earth environments	3
Promoting the responsible uses of space internationally	2
Protecting and advancing our national security and economic interests	4
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	Agree
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	Agree
Using cutting-edge space technology and space sourced data to support New Zealand's values and interests	Strongly 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?)

We need to live up to our obligations under Te Tiriti O Waitangi and include consultation with tangata whenua in determining the appropriateness of our space-related 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?

Current space activity has a poor record for environmental stewardship. Reducing the environmental impact of space activities, including rocket launches, is a vital area of development, and one which fits well with New Zealand's "Clean Green" brand.

Q15

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

How are we overseeing our international partnering in space-related activities. We need to require all such partnering to be reviewed to ensure that our partnerships do not contribute to the militarization of space and do not directly or indirectly threaten our nuclear-free commitments.

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 **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?)

We need to adopt national policies providing ourselves with rules, norms and standards ensuring peaceful activities in space before we can legitimately advocate for such internationally.

Q18

Are there any other policy objectives that you think would help the New Zealand government to promote the responsible uses of space internationally?

Advocating for an international review board that oversees the objectives of all space-related activity.

Q19

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

How are we intending to collaborate internationally? This can become a serious problem area for conflicts of interest, especially if we end up partnering with foreign military or intelligence agents.

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 **Don't know**

Manage the broad range of security risks in space to protect New Zealand's space industry **Don't know**

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

Q21

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

We need a policy objective for increasing national self-sufficiency so that dependencies on foreign powers do not compromise our ability to look after our own national security and economic interests.

Our national interest includes decreasing/preventing the militarization of space.

Q22

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?

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, and require the crown and private space operators to respect the rights of tangata whenua.

Q23

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

The definition of our national security and economic interests is too vague. I do not understand clearly what we are talking about. This is an area that needs more transparency.

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	Neither agree nor disagree
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?)

We need a provision for oversight and review of space activities within New Zealand and their environmental impact. This especially includes their contribution to global climate change.

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	Neither agree nor disagree

Q29

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

We need to carefully examine the environmental impact of all space activities, including rocket launches.

Q30

Are there any other policy objectives that you think would help the New Zealand government to ensure space activities are safe and secure?

Refusal to engage in space activities on behalf of or in collaboration with foreign military and intelligence agents.

Refusal to accept any payload that contributes to the command and control of nuclear weapons.

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?

In addition to examining the intended end use, we also need to examine the impacts of the space activity itself (i.e. rocket launches, manufacturing processes of space technology, etc.)

Q33

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

How do we ensure that the Minister for Economic and Regional Development conducts a review with these objectives in mind and responsibly enforces these objectives?
