

#29

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Page 3: Submitter Information

Q1

Personal Information

Name

Michelle Polglase

Email Address



Q2

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

Yes (Please tell us your company/organisation):
Kiwi Innovation Network (KiwiNet)

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

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

On a personal level I am a Voting member of Aerospace New Zealand, an Associate member of Aerospace Christchurch and recreational pilot (an currently a member of Canterbury Aero Club's Executive). I attended the inaugural Aerospace Summit in Ōtautahi, Christchurch and have followed with interest the development of the sector within the Canterbury region, including the Tāwhaki Joint Venture commercial partnership between Te Taumutu Rūnanga and Wairewa Rūnanga and the Crown on Kaitōrete Spit.

In my role with the Kiwi Innovation Network (KiwiNet) I support research commercialisation and capability building including licensing, spinouts and startups from publicly funded research organisations.

There is a significant opportunity for Aotearoa, New Zealand to take a leadership role in the global space sector (as we have done in a similar way with our world-leading science research and sustainability approach in Antarctica). A values-driven framework that embraces the concept of kaitiakitanga will support a sustainable, inclusive and innovative sector.

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.

Collaboration: with the existing innovation ecosystem, including the Commercialisation Partner Network (CPN).

Page 6: New Zealand's space policy objectives

Q11

Respondent skipped this question

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)

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	Strongly agree
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	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?)

These policy objectives are framed well in general. Collaborative partnerships are an effective way to utilise shared resources and funding to amplify impact across the space value chain. Space-sourced data, including for climate change imagery and research, is an increasingly valued commercial opportunity that can have an immediate positive impact.

The objectives to Increase R&D capabilities and diversity within the sector will need to begin with supporting STEM initiatives and raising space sector awareness within our education system.

Q14

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

b. Partnering within New Zealand and internationally to increase research and development capabilities

This policy initiative could be also connect with pipeline development related to the commercialisation of research within our Universities and Crown Research Organisations.

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

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?)

International collaborations are essential to ensure Aotearoa, New Zealand has a 'seat at the table' when it comes to policy influence.

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 **Strongly agree**

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

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

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	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?)

How do we create a sustainable space sector? How do we incentivise reusable, recyclable and redeployable components within the sector? These policy objectives are framed well in general terms.

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

Respondent skipped this question

Are there any comments you would like to make about these criteria that inform consideration of the national interest?

Q33

Respondent skipped this question

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