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Page 4: New Zealand's interests in space

Q7

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

General interest in space,
Have cultural connections to space,
Other (please specify):
Peace advocate

Q8

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

Peace Organiser with Auckland Peace Action

Im New Zealander, part of New Zealands peace movement which holds a legacy of creating and advocating for peace here and internationally, as such I insist any space-related activities in New Zealand are solely for peaceful purposes, with a clear requirement to prohibit any technology or payload that may have military application.

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.

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/Rongmaiwahine 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.

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)

- | | |
|---------------------------------------------------------|----------|
| Modelling sustainable space and Earth environments | 1 |
| Promoting the responsible uses of space internationally | 2 |

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 disagree**

Partnering within New Zealand and internationally to increase research and development capabilities **Strongly disagree**

Identifying opportunities to increase diversity in the space sector **Strongly disagree**

Using cutting-edge space technology and space sourced data to support New Zealand's values and interests **Strongly 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?)

"Promoting the responsible uses of space internationally" and "Regulating to ensure space activities are safe and secure" to me means that activities in space cannot be used for war-making, cannot be used to target conventional or nuclear weapons, cannot be used for communications and information gathering that will be used harm an individual or a group of people. Responsible, safe use of space needs to be defined as for research and information/communication purposes that are not associated with weapons, combat communications, spying or other espionage activities by either government or private entities.

Q14

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

We do not believe that New Zealand should have a space sector. Our role in the world should have the objective of peaceful uses of space and preventing an international space-force race. Our objectives should be to Prevent launches which contribute to climate change or produce space junk. Holding independent foreign policy and integrity of being militarily independent should be an objective, not launching for other countries militaries. Aotearoa is not a military base for the US army or launch-pad for the elite - what are the innovative and inclusive outcomes of having a space sector? It contributes to a hyper militarized and surveilled world and uncertain future.

Q15

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

It is not in New Zealand's values or interests to pursue a space sector which contributes to the ramping up of the militarisation of space, weapons targeting systems, any military, navigation, and positioning systems which contribute to any nation's dominance over other countries or of regions on earth, global surveillance, the negative impacts it has on people who have a launch site in their area, and the environmental impacts of the launches.

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 disagree |
-

Q17

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

Space policy should include more than NZ national security and economic interests, it needs to include the security and wellbeing interests of the most vulnerable populations on the planet, and non-human life on Earth.

Q18

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

YES! Lead by example in declaring the sky above Aotearoa and Te Waipounamu as a demilitarised zone, and commit to never launching rockets or space equipment which could have military applications.

Q19

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

Commit to demilitarised and non-militarising, peaceful uses of space only.

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 disagree |
| Manage the broad range of security risks in space to protect New Zealand's space industry | Strongly disagree |
| Collaborate with international space and security partners to pursue New Zealand's national security and economic interests | Strongly 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?)

New Zealand should not have a space industry with blurred lines militarily. We disagree with there being a space industry, and insist that strictly only peaceful uses of space are mandated by the New Zealand public. It is not in the interests of the future or the sovereignty of this country and the peoples here, if complex geo-military arrangements are entered into and perpetuated.

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?

Peace as a policy objective. Honouring Te Tiriti as a policy objective. Respecting and protecting the environment as a policy objective.

Q23

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

Have you theorised how having such an industry would or wouldnt contribute to retaining the countries sovereignty and political independence going into the future. It is very uncomfortable to the democracy of this country for a new sector to impose itself with the military allegiances which come with its existence in its current form! Any government must have the ability to control the space sector, not have the space sector dictate New Zealands political positioning on the global stage.

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	Don't know
Investing in New Zealand's capability to retain, grow, access and use sustainable space technologies	Don't know

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

Strongly disagree

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 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?

We should not be aiding any other countries military or private company with military links.

Q33

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

With integrity and transparency?
