

# Submission on developing the Aotearoa New Zealand Aerospace Strategy

## Your name and organisation

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<b>Organisation (if applicable)</b>	Rocket Lab Monitor and Mahia/Nuhaka Whanau

## Overview of the Aerospace Strategy

- Question 1:** Do the four areas above provide the right basis for the Aerospace Strategy?
- Question 2:** What are the critical factors that you see for aerospace sector development?
- Question 3:** How would an Aerospace Strategy help you?

**Please type your submission below. If applicable, please indicate the question(s) to which you are responding.**

### Q1.

It is important to know what the current New Zealand aerospace sector looks like, but we must know what the viable future looks like and not just on financial terms.

**Q2.** It is critical that any part of the NZ or NZ companies play in Aerospace that it is based on transparency and confidence measures as per the Un disarmament accord..

Safety and security is part of transparency and confidence building measures. No one should be considered collateral damage or it is okay to launch over there because not many people live there.

It is okay to take and uphold a neutral position and also condemnation regarding weapons. This has been proven true in the past. NZ Geopolitical stance should be front and centre however government appears to be deliberately obtuse to avoiding the hard questions or the ability to state NZs actual position.

Government must keep abreast of the technology and all its potential application

It is not okay to keep adding to the climate crisis while stating launches are assisting the environment

**Q3** An aerospace strategy should give ordinary people an opportunity to engage, collaborate and be empowered to have a voice, to consider, measure and understand the impact of the industry on their daily lives. This needs to be an open process and not a forum where audience and value is measured by company share prices

## Area One - A strategy for building our aerospace sector

- Question 4:** Is the 2030 Future State set out in a way that enables New Zealand to build on its existing advantages to develop a leading place in the global aerospace economy?
- Question 5:** Will the 2030 Future State support your ambitions for growth and participation in the sector?
- Question 6:** What barriers are there to optimising sector growth?
- Question 7:** How could the government and the sector work together to achieve the 2030 Future State?
- Question 8:** How can the Government enable Māori ambitions for the sector?

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**Q4.**

**Q5.** As the tech and its application is unfettered and also the geopolitical stability of the world is unravelling at pace, an annual review must occur despite the intention the strategy is a five year plan.

**Q6.** Industry will see regulation and compliance as a barrier. These will be about safety and sustainability and should not be compromised.

**Q7** The government cannot only cherry pick projects through niche offerings, such as the Tāwhaki joint venture partnership. Government must open the shop and bring some equity to offerings. Government can start with their own Scholarships or project application rounds relating to partnerships.

**Q8.** Maori ambitions come from a different value set to non Maori.

The sector must understand that recognition of Maori ambition is likely to be based around a world view or value set that may not be synonymous with industry growth and or job opportunity. That's not a reason to not include Maori and wider Aotearoa.

As per question 2 Transparency and confidence building measures for Māori and Aotearoa are critical. The simplest way to ensure this is to fully adhere to Treaty principles

## Area Two - Building strong foundations (Three Pillars)

**Question 9:** What do you think of the Three Pillars and do you think they will support the 2030 Future State?

**Question 10:** What else would you like to see in the Three Pillars?

**Question 11:** What actions and initiatives could the sector focus on to support the Three Pillars?

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**Q9.**

It is impossible to see how the three pillars are set up to benefit anyone other than the industry and Government keeping pace. The common pillar is surely to address the most pressing crisis that we are all affected by

1. Global climate crisis
2. Threats of war and increasing militarisation

## Area Three - Goals for 2030

**Question 12:** What do you think of the Goals for 2030?

**Question 13:** Are the goals framed in a way that will enable New Zealand to build on its strengths and comparative advantages to achieve the 2030 Future State?

**Question 14:** What activities and milestones can help us achieve these Goals?

**Question 15:** Where do you see yourself in realising these Goals?

**Please type your submission below. If applicable, please indicate the question(s) to which you are responding.**

### **Q12. GOAL ONE; trialling and adopting emerging low emissions flight alternatives**

This is not an unreasonable proposition. I am unsure how much of the Strategy focus is on this area, but it is likely to have more tangible benefits for all NZ citizens and far less environmental damage as opposed to outer space rocket launches. Support in this area cover more entrepreneurs who are likely to create a rising tide of development versus a single dominant player

### **GOAL TWO; – Safely integrate all forms of autonomous aerial vehicles**

It is essential to manage safety.

### **GOAL THREE – At the forefront of global sustainable space activities**

### **GOAL FOUR – Actively support a permanent human presence in space.**

I do not support a permanent human presence in space. This seems like a folly for a small country and emergent industry for no gain, more likely to cause harm. There is a lot of hubris in the industry and for lofty goals for what outcome. Due to the NZ ambiguity geopolitically around permissible outer space activity clarity or determining the true nature of our nations strategy might see this goal diluting the industry focus. Which should be to do no harm and benefit all peoples.

### **GOAL FIVE – Critical decision-making made easy through aerospace-enabled data, tools and applications**

This is an area that Aotearoa should champion and ensure we are leaders as an area for greater benefit.

**Q13.**

**Q14.**

**Q15.** Looking for accountability in outcomes. For example, is the \$ spent in this space comparable to other tangible efforts on earth to achieve the same ultimate outcomes. i.e. MethaneSAT. If it achieves what it is meant to that is fantastic but if it has come at the cost of other quick wins for more rapid methane reduction this is a problem.

MBIE cannot get sucked into the hubris or vanity projects of the industry.

## Area Four - Pathway to the 2030 Future State

**Question 16:** What policies, ideas, actions, and/or initiatives would you like to see in the Action Plan to help achieve the ambitious 2030 Future State?

**Question 17:** What would be the benefits of these actions and how would they help grow the New Zealand aerospace sector?

**Question 18:** How would you like to be involved in the delivery of the Aerospace Strategy?

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**Q16.** A Task Force must be inclusive beyond government and industry.

There has to be social accountability alongside of industry growth. Why not embrace wider views and have Advisory boards, committees, Citizen panels or juries, public polling versus a taskforce alone?

**Q17** Traditional Māori practices using the Maramataka, navigating by the stars are all dependant on preservation of the sky as we know it. I talk to my mokopuna about these things and point to the night sky. I do not want him to inly read about it in a book or even online for that matter. I want to be able to head outside and speak to the celestial sphere versus the attention being on satellites and debris and the corresponding effect of those things.

**Q18** I want to see accountability and transparency.

I want to know that ordinary people and in particular Maori have a place at the table.

I want to see the information flowing and questions encouraged building high trust respectful relationships.

I want to see a table sponsored for non-industry players every year at the Aerospace summit and have them able to participate with equal footing.