Submission on developing the Aotearoa New Zealand Aerospace Strategy

Your name and organisation

Name	[redacted]
Organisation (if applicable)	(NZIIA and DIA, but my submission is on a personal level)

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: Yes, I believe these areas are a good basis for an Aerospace Strategy.

Q2: I believe there are two critical factors to have in mind.

The first one is funding and entrepreneurship. Being this an emerging sector, a bold and risk-taking approach from both the public and the private might be necessary.

The second one is having a holistic view on Aerospace that involves not just policy and entrepreneurship but also education and culture.

Q3: I would like to work full time in the space policy sector.

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?

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

Q4 & Q5: The fact that the Discussion Document says that the 2030 Future State is still being refined (page 9) gives room to uncertainty. It is understandable that a DD can not give much information on things that have not been decided yet, but it could suggest more ideas to make it more engaging.

Q6: Capital risk funding. New Zealand has a very competitive legislation in regards doing business but international competition is very fierce and the New Zealand brand has still room to grow.

Q7: The vision needs to go beyond 2030 and have in mind developing a space culture so kids dream of becoming pilots, scientists or engineers.

Q8: Specific and constant consultation costs time and money, but is absolutely necessary to embrace an ambition that is definitely there. We need aerospace sailors.

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?

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

Q9: I think New Zealand is doing quite well when it comes to legislation. The fundamental change will come to heavily invest in infrastructure, research and development, and unfold a branding able to attract talent from overseas similar to other successful kiwi experiences in Rugby, Cinema or Primary Industries.

Q10 & Q11: Lenses on culture. Why not promoting / funding kiwi aerospace sci-fi through movies? Inspiring dreams can be very important. Jeff Bezos and Elon Musk are huge science fiction consumers since kids.

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 number two was a bit difficult to understand. Were you talking about drones? Also showing the source behind the statement "good international reputation in sustainable space activities" might be helpful.

Q13: Goal number four might become a bit tricky soon. Seems like a space iron curtain between China and the US might emerge in a future. New Zealand is very aligned politically with the US but very economically aligned with China. Engage with both might be ideal (just like the UAE does) but quite difficult in the case of New Zealand.

Q14: Have a very specific and robust budget and vision. The consultations are a good step on that direction. I believe public engagement sessions might be quite welcome as well.

Q15: At the moment I am a Researcher at the New Zealand Institute of International Affairs where I do analysis on Astropolitics. At the same time, I am a Policy Analyst at the Department of Internal Affairs. I might like to engage on Space Policy in the future to help the sector grow.

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?

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

Q16: The creation of an independent Space Agency in charge of all projects related to Space.

Q17: That would make the aerospace sector more recognisable inside and outside New Zealand. The New Zealand Space Agency needs to be able to sell hoodies and caps just as NASA does in many stores in New Zealand. Is an affordable and effective way to project into the future and inspire. That would drag and create momentum for other aerospace ventures similar to what happens to companies such as Boeing or Lockheed Martin in the US (saving distances).