



**MINISTRY OF
INVESTMENT, TRADE AND INDUSTRY**

SPEECH BY

YB SENATOR

TENGGU DATUK SERI UTAMA ZAFRUL AZIZ

MINISTER OF INVESTMENT, TRADE AND INDUSTRY, MALAYSIA

**AT THE SOFT LAUNCH OF
3D VISUALISATION AND VIRTUAL AUGMENTED MIXED REALITY
(VAMR) LAB OF MYAERO CENTER**

7 May 2024 (Tuesday)

11.40 a.m. – 11.50 a.m

**Malaysia International Trade and Exhibition Centre (MITEC),
Kuala Lumpur**

Yang Berbahagia Dato' Ir. Abdul Rashid Musa

Board of Director, National Aerospace Industry Corporation
Malaysia (NAICO)

Yang Berusaha Professor Shamsul Kamar Abu Samah

CEO, National Aerospace Industry Corporation Malaysia
(NAICO)

Head of MITI Agencies,

MITI Senior Management,

Captains of the Aerospace Industry,

Distinguished Guests,

Ladies and Gentlemen,

A very Good Morning and Salam Malaysia Madani to everyone!

1. It is an honour to be here today to commemorate a milestone initiative led by the National Aerospace Industry Corporation Malaysia (NAICO Malaysia), under the Malaysian Aerospace Centre of Excellence, or MyAERO for short.

2. Before we get into the nuts and bolts of today's soft launch of the 3D Visualisation and Virtual Augmented Mixed Reality (VAMR) Lab, allow me to touch on some policy matters that are key to the growth and development of Malaysia's aerospace industry.

MALAYSIA AS A REGIONAL HUB: THIS IS WHERE GLOBAL STARTS

Ladies and Gentlemen,

3. The **Malaysian Aerospace Industry Blueprint 2030** aims to position Malaysia as the **No. 1 supplier for competent aerospace industry workforce in Southeast Asia**, and for this industry to achieve an **annual revenue of RM55.2 billion and create 32,000 jobs by 2030**.
4. Additionally, the NIMP 2030 also provides further impetus to our Aerospace Industry Blueprint by ensuring there will be **sufficient fiscal support and funding to create a stronger ecosystem that can support the manufacture of more complex aerospace products**, which in turn will **position Malaysia well as a regional services hub for the aerospace industry**.

5. The key question is: are we on the right track to achieve these ambitious goals? First, let me share some facts and figures. **In 2023, Malaysia recorded a total trade of RM23.2 billion, with exports valued at RM6 billion, and revenue at RM18.1 billion.**
6. **Top exports in aerospace include parts of aircrafts, helicopters and planes. Our top 5 export destinations are the US, China, Indonesia, Singapore and the UK.**
7. Second, I must commend the Malaysian aerospace players, who have helped further entrench Malaysia as a **critical supplier in the global aerospace parts and components supply chain**, with almost **29,000¹ skilled workforce** and **more than 250 companies** that are active in the Malaysian aerospace industry ecosystem.
8. **Third, we can be proud of the fact that we have attracted more and more investments from global aerospace players in the past two years**, where I myself and the team here have been involved in leading a few negotiations with new prospects for our aerospace industry.

¹ Actual figure is 28,500 for the year 2023.

9. During MITI's recent trade mission to **Germany and France**, for example, we managed to secure **potential investments of up to RM46 billion** from the likes of **Airbus Group, Institut de Soudure Groupe (ISG) and Simaero**, amongst others.
10. What does this tell us? All this reflects **global aerospace players' trust in Malaysia's industrial capacity, and our strong commitment in supporting the global aerospace value chain**. This in turn, strengthens the ecosystem by ensuring an increase in labour market's productivity and efficiency.
11. In short, ***Malaysia is where global starts***. This means that **Malaysia is where global companies can situate their regional hubs, and where domestic homegrown companies can grow into global champions**.
12. In fact, as **MITI and its relevant agencies like MIDA and MATRADE** have **diligently pulled out all stops in the past one and a half years in realising and implementing committed investments and exports**, we are seeing **more and more companies wanting to make Malaysia their regional manufacturing or services hub**.

13. This is **no coincidence**, and the numbers speaks for themselves. For example, as of 5 May 2024, for manufacturing projects that were approved in 2023, **more than 98% have been implemented or are in the planning stage.**

MALAYSIA'S AEROSPACE INDUSTRY: FLYING HIGH

Ladies and Gentlemen,

14. **The Malaysian Aerospace Blueprint 2030 also complements the New Industrial Master Plan 2030 (NIMP 2030) in terms of transforming Malaysia into a global hub for sustainable aerospace manufacturing and services.**
15. Today's launch of the **3D VAMR Lab** is a firm step in that direction. It is **an important enabler** to bridge the gap **between solving complex engineering problems and digitalising aerospace design efforts.** The 3D VAMR Lab we inaugurate today will help us stay ahead of the competition through the embracing of advanced design practices. As we know, **immersive technologies**, encompassing augmented reality (**AR**) and virtual reality (**VR**), **are revolutionizing the aviation and aerospace industries.**
16. AR and VR apps have been deployed to improve a range

of workflows, including research and operations and will benefit the various stakeholders in our aerospace industry in various ways.

17. Take AR, for instance – **AR has become a critical technology within the aerospace industry.** It has been applied in **engineering teaching, satellite manufacturing, pilot training and remote maintenance assistance.**
18. **VR, on the other hand, has been utilised by many corporations and research institutions for flight deck design, accessibility verification, and assembly planning.**
19. **The 3D VAMR Lab targets to skill 1,600 highly skilled technical workforce to support the industry within 2 years.** In short, the 3D VAMR Lab we inaugurate today is not merely a facility. It is **a beacon of innovation that paves the way towards advancements in the aerospace technologies.**
20. It represents our commitment in staying ahead of the competition by embracing advanced design practices. It is also **a valuable bridge between Malaysia's aerospace policy objectives, and their realisation.**

CONCLUSION

Ladies and Gentlemen,

21. The journey towards NIMP's ambitious goals is challenging, necessitating robust infrastructure, continual investment, and a skilled workforce.
22. MITI, alongside NAICO Malaysia, is committed to actively address industry challenges and establish a robust platform to safeguard the aerospace ecosystem in Malaysia. Hubs such as **KLIA Aeropolis, UMW High Value Manufacturing Park in Serendah, Senai Airport Aviation Park and Kulim Hi-Tech Park** speak volumes of our seriousness in developing the Malaysian aerospace sector holistically.
23. Therefore, the 3D VAMR Lab launched today is yet another testament to our dedication to help the industry stay ahead of the curve.
24. So, on that note, it is with great pride that I officially launch **the 3D Visualisation Lab**, which marks a momentous and significant milestone not just for NAICO Malaysia, but also for our nation's aerospace sector.

25. In the coming days here at the Defence Services Asia exhibition, I look forward to seeing increased engagement with this tool. I also hope this will catalyse new business opportunities and collaborations that will reap the rich potential afforded by Malaysia's aerospace sector.

26. Thank you all for your unwavering support, passion, and contributions to this industry. Together, let's redefine the boundaries of what is possible in aerospace and sustainable aviation technology.

27. Thank you. Wassalam.