



Airbus briefing: Looking to the Future

- Aerospace industry in the 12th Malaysia Industry Plan

26th October 2021

Airbus Customer Services Malaysia

Structural Repair and Embodiment, Flight Hours Services, Technical Data, Planned Maintenance and Digital Solutions

Sepang Aircraft Engineering

Commercial Maintenance, Repair and Overhaul (MRO) solutions

Airbus Helicopters Malaysia

Regional Helicopters MRO Hub, Completion and Delivery Centre

Airbus Helicopters Simulation Centre

Simulator Training and Services

Airbus Defence and Space

Military Aircraft technical support for Royal Military Air Force (RMAF), space solutions including MEASAT-3d Satellite

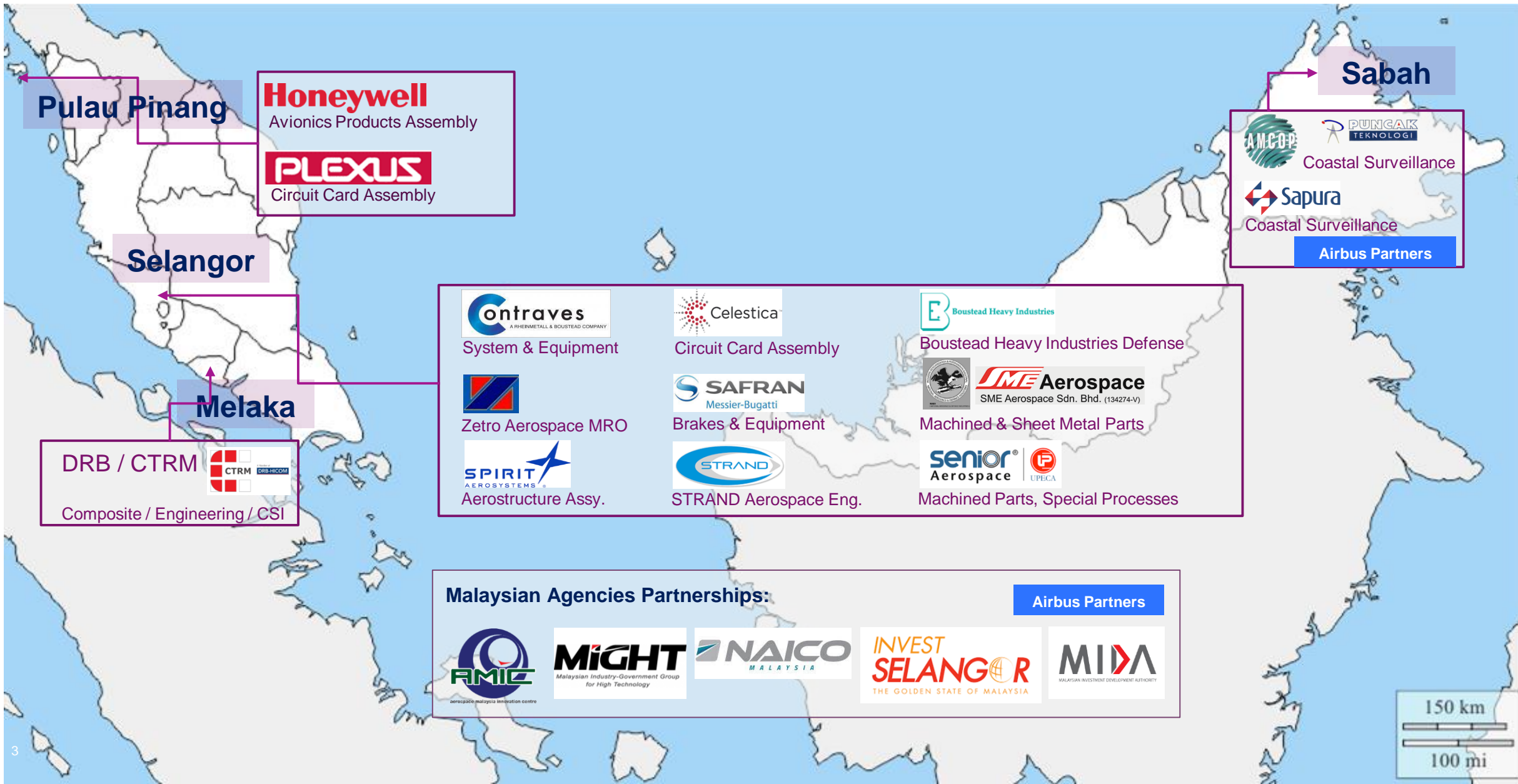


Airbus in Malaysia

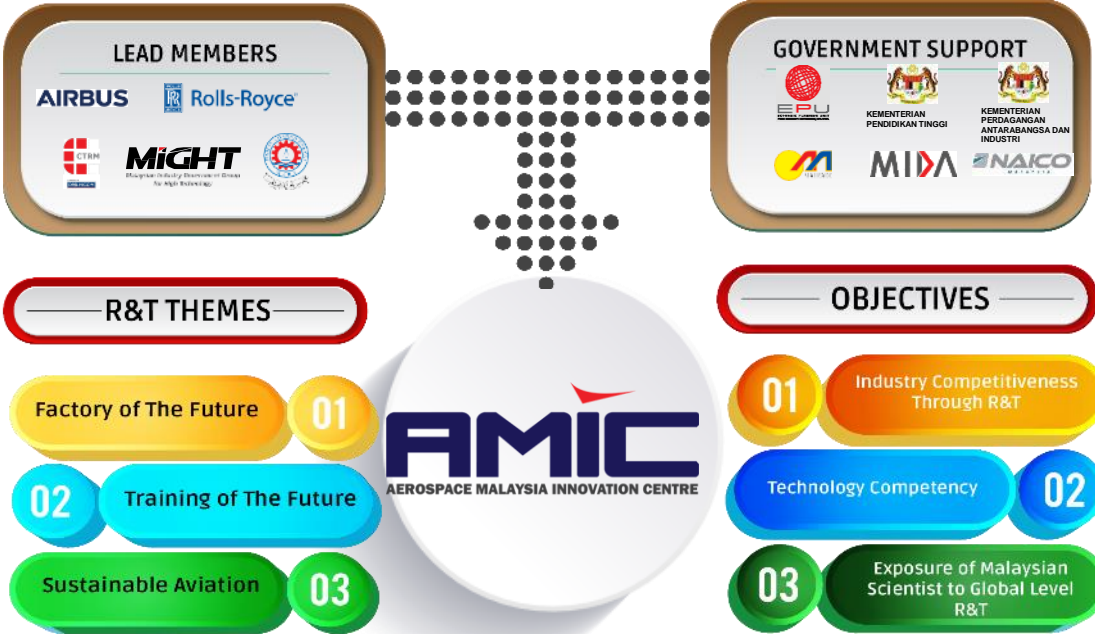
Airbus presence in Malaysia represents all the Airbus business divisions

AIRBUS

Airbus supply chain and strategic partners in Malaysia

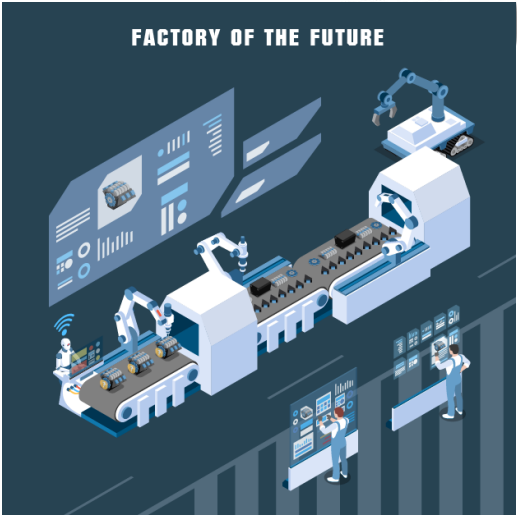


Aerospace Malaysia Innovation Centre (AMIC)



Proposed by **MIGHT** and **Airbus Group**, endorsed by **Malaysia Aerospace Council**

AMIC, a Private-Public Partnership established in 2011 by the Government of Malaysia as an initiative to sustain the survivability and competitiveness of Malaysia's aerospace manufacturing industry particularly aerostructure



Commercial aircraft

Class leading fuel efficiency and emission levels for transition to net-zero



Helicopters

Fast response to land and offshore needs with a versatile workhorse



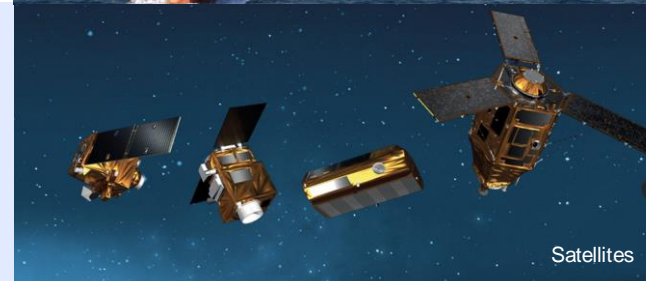
Military aircraft / Maritime patrol

Closely monitor and respond to increasing maritime border activity



Space / Earth observation & other space services

Applications in agriculture, forestry, climate monitoring, and maritime / air activity observation



Digitalisation & Sustainable supply chain

Digital transformation; Sustainable Aviation and supply chain to reduce our GHG footprint



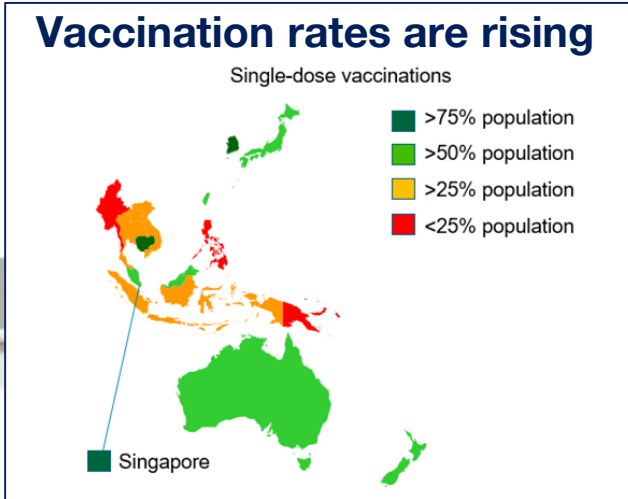
Comprehensive Solutions

We cover air, land, sea, and space

We believe in managing our products' environmental footprint across the entire lifecycle

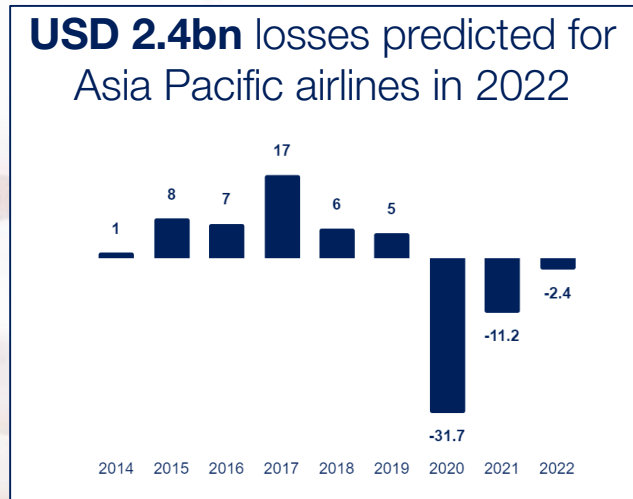
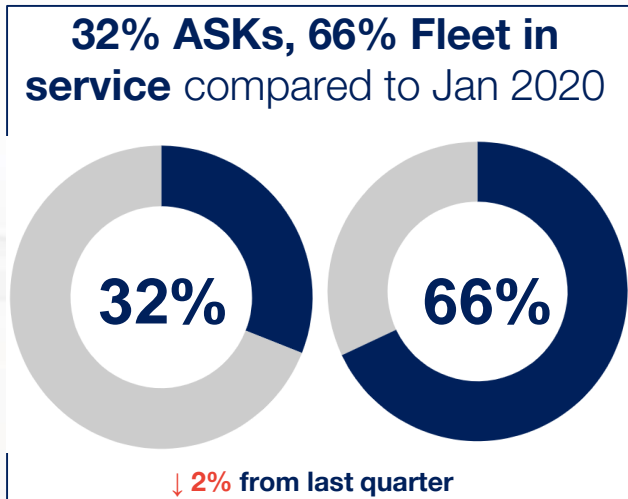
AIRBUS

Impact of COVID-19 on APAC



Borders are starting to open

Market Country	Recovery situation		
	Current border situation	Domestic recovery 2022	Likelihood to open in 2022
Australia	Opening	Likely	Likely
Hong Kong	Closed	N/A	Likely
Indonesia	Closed	Possible	Possible
Japan	Closed	Likely	Likely
Malaysia	Closed	Possible	Possible
New Zealand	Opening	Likely	Likely
Philippines	Closed	Unlikely	Possible
Singapore	Opening	N/A	Likely
South Korea	Closed	Likely	Likely
Taiwan	Closed	Likely	Possible
Thailand	Opening	Possible	Likely
Vietnam	Closed	Possible	Possible



Source: ASCEND, ECDC, Flightradar, IATA, IMF, UNWTO

Airbus honoured to support COVID-19 relief efforts in Malaysia

Malaysia



Looking to our future...

**What will aviation look
like in 2035?**

Sustainable growth

Enabling technologies and initiatives to accelerate Sustainable Aviation Fuel (SAF) adoption



Be the 1st major manufacturer to offer a climate-neutral (H2) commercial aircraft by

2035



Ambitious aviation industry goals

Cap CO₂ emissions from

2020

Halve 2005 CO₂ emission levels by

2050

Pursue net-zero CO₂ emission by

2060-65

Airbus is committed to long term decarbonisation of aviation industry



Airbus is pioneering SAF deployment

- Drop-in fuels that can be used without modifications with no impact on operations or safety (up to 50% blend)
- >10 years of using SAF for new aircraft deliveries and Beluga fleet operations

Way forward: Airbus and partners leading 100% SAF journey

Airbus, Rolls-Royce, DLR, Neste
and research institutions consortium
(National Research Council of Canada and the
University of Manchester)

The first 100% SAF flight
test on A350 in Toulouse
(Mar'21); Next on A320neo
by end 2021

Airbus aircraft to be fully
compatible with 100% SAF
between 2025 and 2030

Introducing Airbus ZEROe

Turboprop



<100
Passengers



1,000+nm
Range

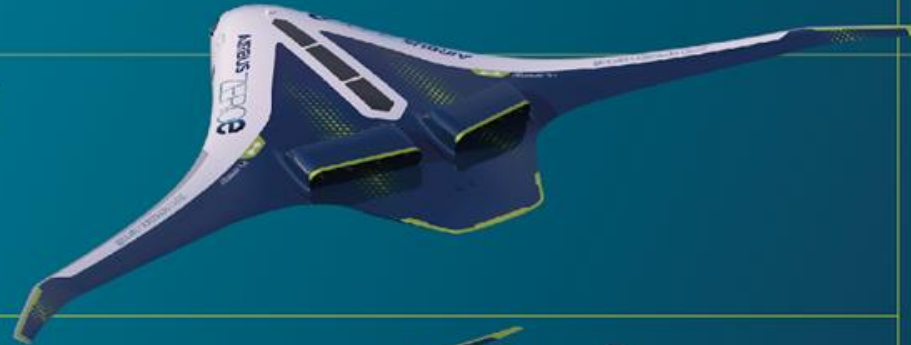


Hydrogen
Hybrid Turboprop
Engines (x 2)



Liquid Hydrogen
Storage & Distribution
System

Blended-Wing Body



<200
Passengers



2,000+nm
Range



Hydrogen
Hybrid Turbofan
Engines (x 2)



Liquid Hydrogen
Storage & Distribution
System

Turbofan



<200
Passengers



2,000+nm
Range



Hydrogen
Hybrid Turbofan
Engines (x 2)



Liquid Hydrogen
Storage & Distribution
System

AIRBUS



2020: ZEROe concepts unveiling

- Concept studies
- Technology maturation
- Development of infrastructure roadmaps

Mid-2022: Concept selection

- Product definition
- Flight test demonstration
- Propulsion system demonstration
- Infrastructure deployment & evolution plan

2025: Product selection

- Product design and development

2035: Zero-emission aircraft entry-into-service



CityAirbus NextGen

Propulsion
8 propellers

Capacity
Four-Seater

Sound levels
65 - 70 dbA

Range
80 km

Cruise speed
120 km/h

Thank you

© Copyright Airbus (Specify your Legal Entity YEAR) / Presentation title runs here

This document and all information contained herein is the sole property of Airbus. No intellectual property rights are granted by the delivery of this document or the disclosure of its content. This document shall not be reproduced or disclosed to a third party without the expressed written consent of Airbus. This document and its content shall not be used for any purpose other than that for which it is supplied.

Airbus, its logo and product names are registered trademarks.