



# AEROSPACE & AVIATION





# INTRODUCING ASIA'S LARGEST AIRPORT OPERATOR GROUP.

As of 2018, Malaysia Airports caters to 120 airlines, serves approximately 133 million passengers per annum, and handles 950,000 tonnes of cargo per annum.

## ABOUT MALAYSIA AIRPORTS



### > MALAYSIA AIRPORTS FAST FACTS

- 5 international airports
- 16 domestic airports
- 18 STOLports
- Overseas airport investments in Turkey



### > BUSINESS VALUE

- First airport operator in Asia to be listed in the stock exchange
- Largest airport operator group in Asia [combined with Istanbul Sabiha Gökçen International Airport (SGIA), Malaysia Airports serves around 133 million passengers per annum]
- Total equity of RM9.2 billion
- RM13.9 billion market capitalisation




### > STAKEHOLDERS

- Local institutional investors (Khazanah Nasional Berhad, Permodalan Nasional Berhad, Employees Provident Fund (EPF): ~44%
- Local investors: ~16%
- Foreign investors: ~40%

Statistics as of December 2018





Strong aviation hub in a  
**synergistic ecosystem**

• **Subang Airport**

- City Airport
- Hub for Business Aviation
- Aerospace Ecosystem

• **KLIA Aeropolis**

- Aerospace Park
- Aeronautical Support Zones

Flourishing industry. Competitive prices.  
Friendly government policies.

## THE MALAYSIA AIRPORTS AEROSPACE VISION.

Ideal and dedicated hubs located at Subang Airport and KLIA Aeropolis – the emerging aerospace ecosystem, amounting to **over 1,000 acres**. Today, these two make up approximately **20%** of Malaysia's current aerospace ecosystem, and are perfectly equipped to serve growing air traffic throughout the region. There is nowhere better to establish your next ASEAN venture.



# ADVANCING THE AEROSPACE INDUSTRY, IN LINE WITH THE NATIONAL BLUEPRINT.

1st MALAYSIA  
AEROSPACE INDUSTRY  
BLUEPRINT

## 1997 – 2014

Malaysia emerged as a major  
player in global aerospace  
market.

Sultan Abdul Aziz Shah Airport  
(Subang Airport) became the  
largest MRO hub in Malaysia.

### INDUSTRY ACHIEVEMENTS

Investment  
**USD 1.08 billion**

Total Revenue  
**USD 2.88 billion**

Over  
**200 companies**

More than  
**20,000 skilled professionals**

Source: MITI 2016

2nd MALAYSIA  
AEROSPACE INDUSTRY  
BLUEPRINT

## 2015 – 2030

To be the No. 1 Aerospace  
Nation in Southeast Asia.

### INDUSTRY OBJECTIVES

MRO  
**5% Global Market Share**

Aero Manufacturing  
**No. 1 in SEA for Parts &  
Components Sourcing**

System Integration  
**Self Reliant 70%  
Local Content**

Engineering & Design  
**3.5% Global Market Share**

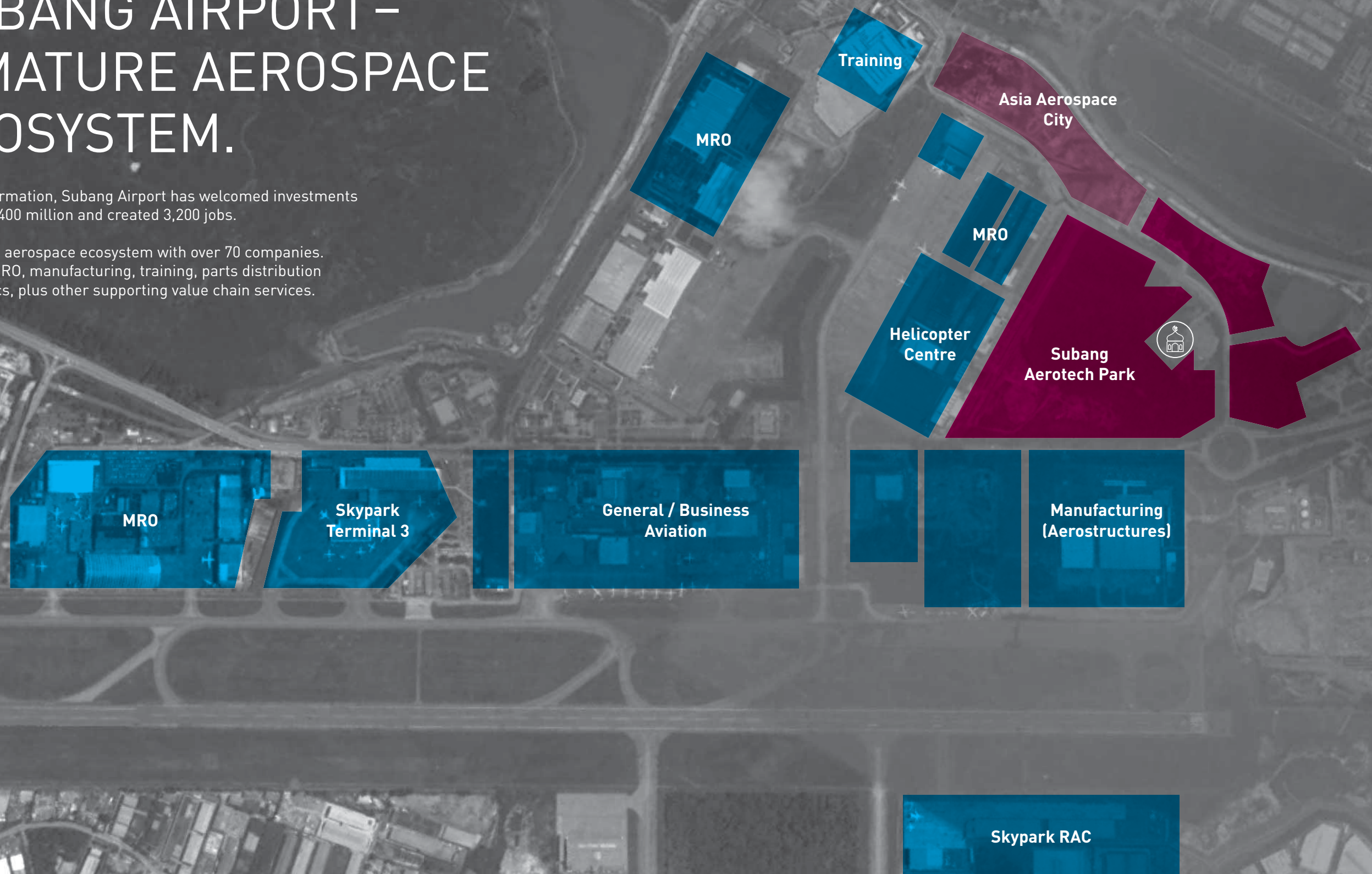




# SUBANG AIRPORT – A MATURE AEROSPACE ECOSYSTEM.

Since its formation, Subang Airport has welcomed investments of over RM400 million and created 3,200 jobs.

A complete aerospace ecosystem with over 70 companies. Covering MRO, manufacturing, training, parts distribution and logistics, plus other supporting value chain services.



## Existing Anchors

### MRO

- GE Aviation (GEESM)
- GTA – Safran
- RUAG
- AIROD
- Skyways Technics (for ATR)

### General / Business Aviation

- ExecuJet
- Hawker Pacific
- Skypark FBO
- Sapura Aero

### Helicopter Centre

- Airbus Helicopter Malaysia
- Leonardo (Agusta Westland)

### Manufacturing (Aerostructures)

- Spirit Aerosystems
- Senior Aerospace

### Training & Human Capital Development

- UniKL MIAT-MARA



# WHY SUBANG AIRPORT?



Mature aerospace ecosystem within airport vicinity



Central location

- Close proximity to KLIA, Kuala Lumpur City Centre (KLCC) and Port Klang



Access to skilled and multilingual workforce

- Malaysia is the second most talent-competitive country in Southeast Asia<sup>1</sup>



Ease of doing business

- Malaysia is ranked second in Southeast Asia for ease of doing business and in the Global Competitive Index<sup>2</sup>

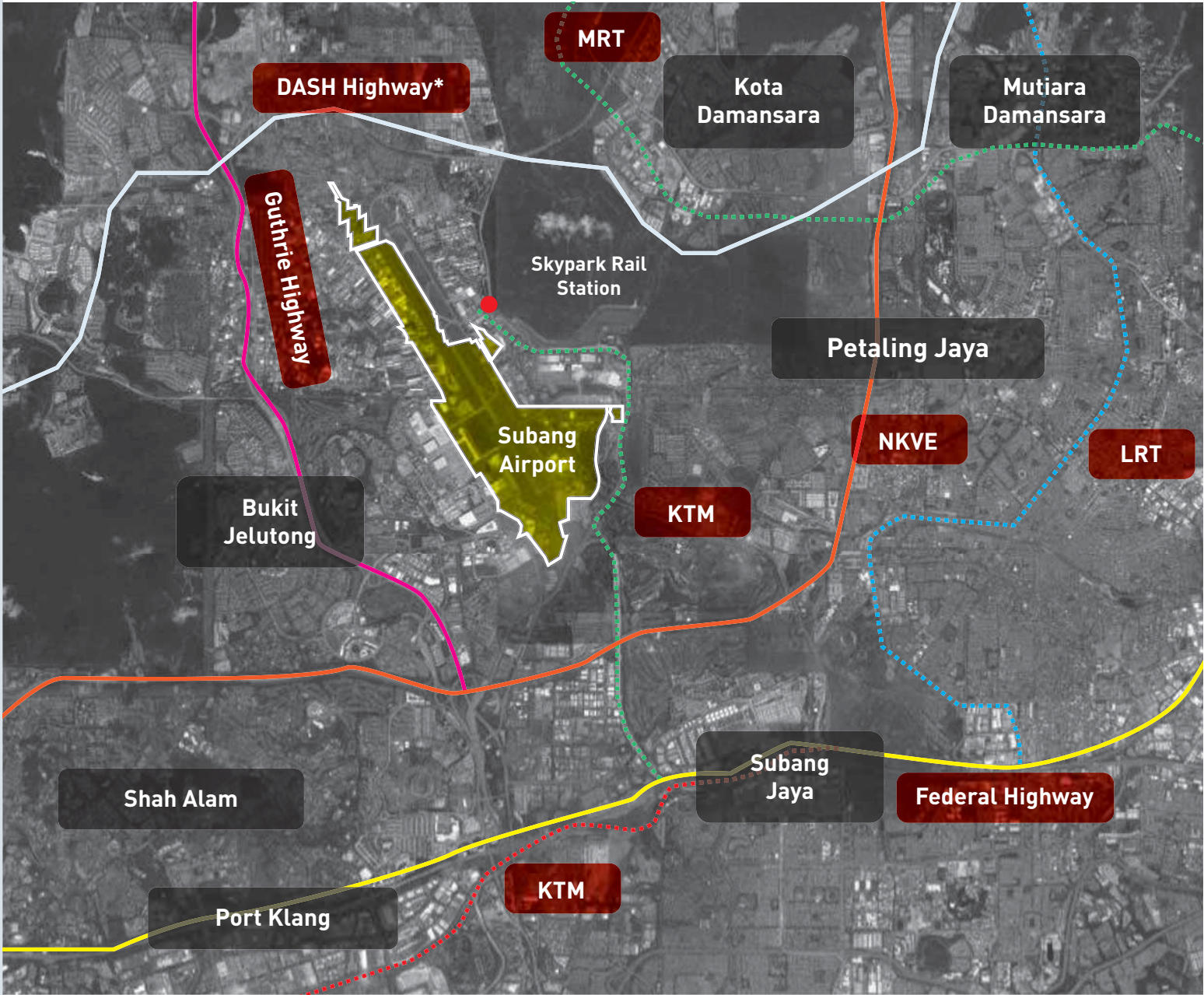


Urban population and multitude of residential townships



Extensive choices of schools, F&B outlets, malls, and public amenities

<sup>1</sup> Source: IMD 2019  
<sup>2</sup> Source: World Bank (2019), World Economic Forum (2018)



## Legend

- 7 surrounding mature townships
- Expressways and highways
- Railway links

\* Upcoming highway

# SUBANG AIRPORT REGENERATION.

## 3 Strategic Initiatives for Subang Airport Regeneration



### City Airport

- Domestic and regional destinations
- Convenient and premium services



### Business Aviation Hub

- To serve the growing needs of private aviation in the region, fulfilling MRO and Fixed Based Operations, as well as management for more than 1,500 business jets currently operating in Asia Pacific



### Aerospace Ecosystem

- Consisting of helicopter MRO, aero-manufacturing and human capital development, Subang Airport is fast becoming a full-fledged aerospace ecosystem
- Development of Subang Aerotech Park to catalyse the growth of the aerospace ecosystem

# SUBANG AIRPORT CONCEPT PLAN.

## Clear Spatial Planning & Demarcation





## > SUBANG AEROTECH PARK

### Bringing Malaysia to the forefront of the industrial-aviation field

On par with Southeast Asia's best in class, Subang Aerotech Park aims to be the gold standard for Malaysia in industrial park development and management.

#### Key features:

##### 1. Championing Industry 4.0

State-of-the-art smart facilities

##### 2. Secured park to host global aerospace players

Gated and guarded with park and facilities management

##### 3. Catering to industry needs

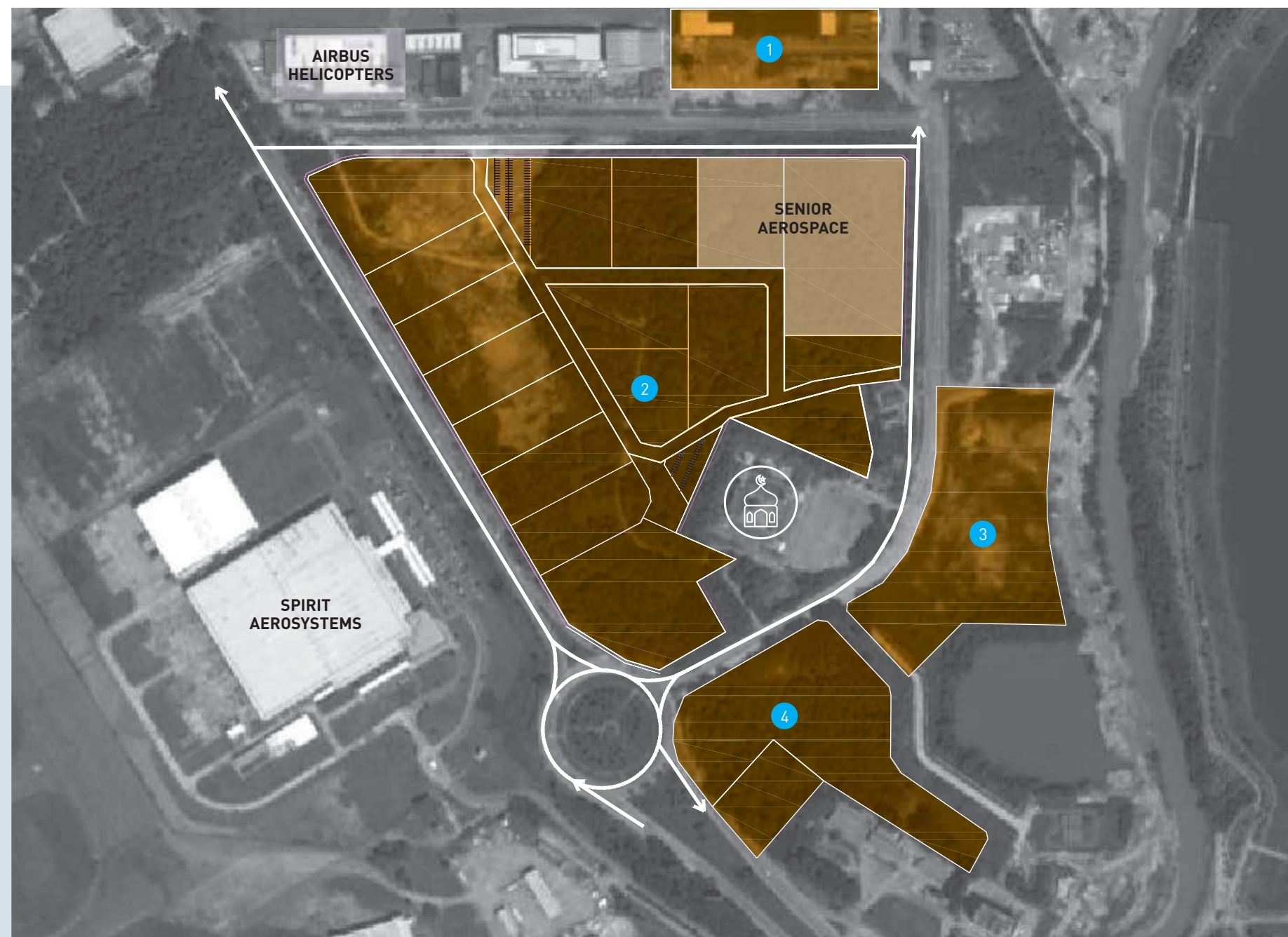
Build-to-Suit facility development, including options for high-spec / high-end, environmentally friendly buildings

#### Economic impact:

Supporting over 5,000 jobs and attracting more than RM1 billion of investments by 2025

#### Area size:

Greenfield development of approximately 60 acres



### Providing Build-to-Suit facilities and long term lease focusing on:

- Manufacturing – aerostructures, components, tools & jigs
- MRO – component and engine
- High Tech / Precision Engineering
- Aerospace logistics

### Legend

- 1 MRO Centre**
  - Component and engine MRO for helicopters, rotary wings, ATR
  - Existing:
    - Global Turbine Asia
    - Galaxy Aerospace
    - Skyways Technics
    - RUAG
- 2 Aerospace & High Tech**
- 3 Centralised Logistics Centre**
  - Logistics solutions provider for aerospace players
- 4 Commercial Offering**
  - Food & Beverages Hub





# AN EXCELLENT TRACK RECORD.

Build-to-Suit facilities, custom  
designed for your business needs



## > SPIRIT AEROSYSTEMS (M) SDN BHD

- **Boeing's largest aircraft parts supplier** has its regional facility in Subang and has attracted a variety of Tier 2 and 3 players to Subang since 2007.
- The company operates a 357,000 sq ft manufacturing and assembly, **Build-to-Suit facility** within a 45-acre site.
- Parts are shipped from the Main Sub-Assembly facility in Subang to the **Final Wing Assembly unit of Airbus** in Broughton, UK.

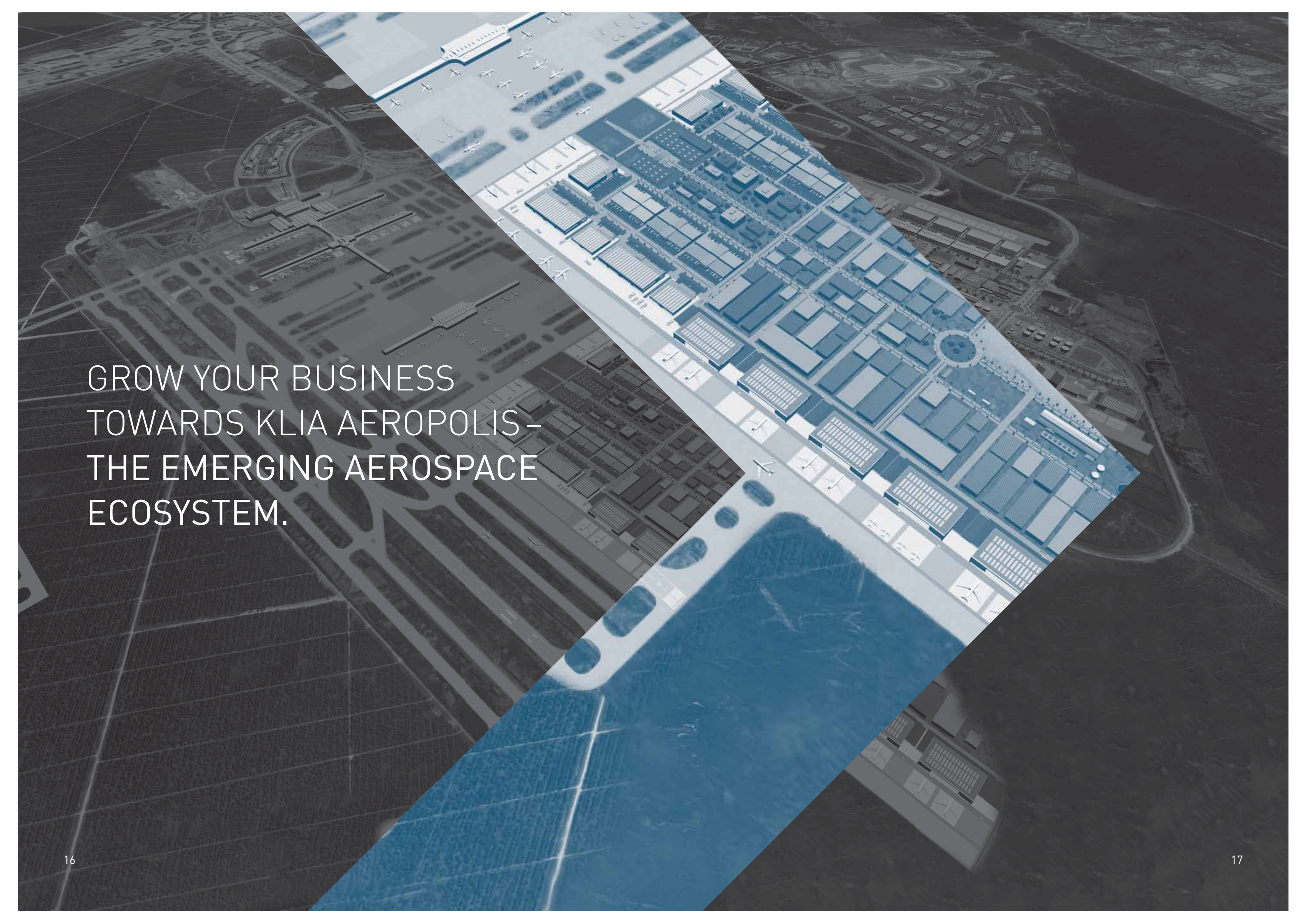
## > MRO CENTRE

- **Regional Centres** for international players such as:
  - **RUAG** (Swiss) MRO for Starter Generator and Fuel Pump
  - **Skyways Technics** (Danish) Component MRO specialising in ATR aircraft

## > HELICOPTER CENTRE

- Subang's helicentre hosts 7 players within a 20-acre site, including **Airbus Helicopters, Leonardo** (Agusta Westland), BHIC (Boustead), and PLUS.
- Airbus Helicopters operates in a 100,000 sq ft **Build-to-Suit facility**, with office building, dedicated hangar, and simulator centre (**first of its kind in ASEAN**).





GROW YOUR BUSINESS  
TOWARDS KLIA AEROPOLIS—  
THE EMERGING AEROSPACE  
ECOSYSTEM.



# OVER 1,000 ACRES DEDICATED **FOR** **FUTURE AEROSPACE** **& AVIATION** **DEVELOPMENT.**

The KLIA Aeropolis encompasses a vast Aerospace Park and Aeronautical Support Zones (ASZ) across over 1,000 acres, providing ample space for spillovers from Subang Airport. The focus is on aircraft assembly, aerostructures, engine and component manufacturing, as well as MRO.



Value added economy, stimulating innovation-led growth



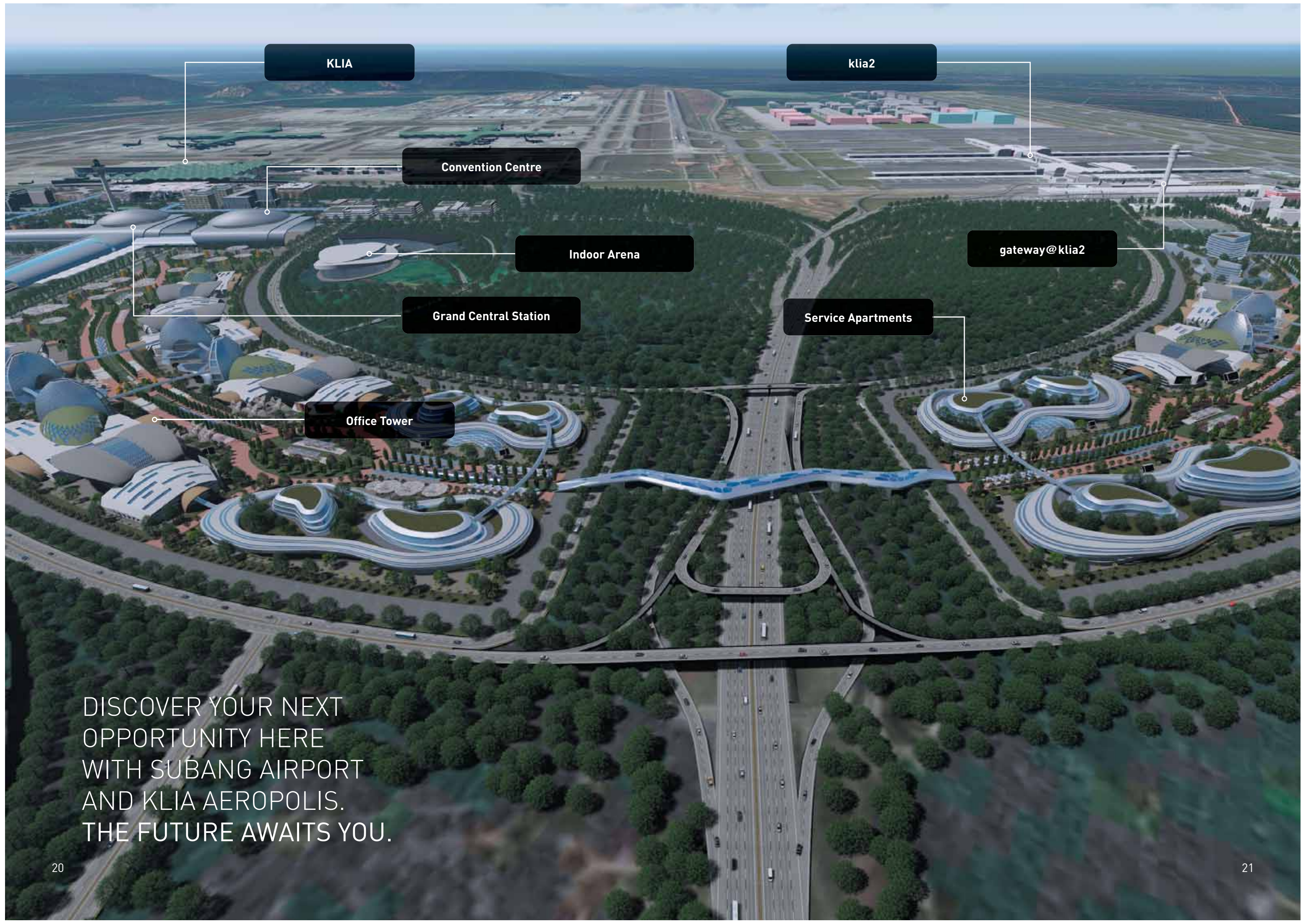
Connecting global trade lanes via air cargo to boost economic growth



Destination for tourism, expanding value to locals, passengers and tourists







KLIA

klia2

Convention Centre

Indoor Arena

gateway@klia2

Grand Central Station

Service Apartments

Office Tower

DISCOVER YOUR NEXT  
OPPORTUNITY HERE  
WITH SUBANG AIRPORT  
AND KLIA AEROPOLIS.  
THE FUTURE AWAITS YOU.





**KLIA Aeropolis Sdn Bhd** (1212392-H)  
Malaysia Airports Corporate Office, Persiaran Korporat KLIA,  
64000 KLIA Sepang, Selangor Darul Ehsan, Malaysia

T: +6.03.8777.7000

F: +6.03.8777.7589

E: [kliaaeropolis@malaysiaairports.com.my](mailto:kliaaeropolis@malaysiaairports.com.my)

[www.kliaaeropolis.com](http://www.kliaaeropolis.com)

KLIA Aeropolis Sdn Bhd is a wholly-owned subsidiary of Malaysia Airports Holdings Berhad