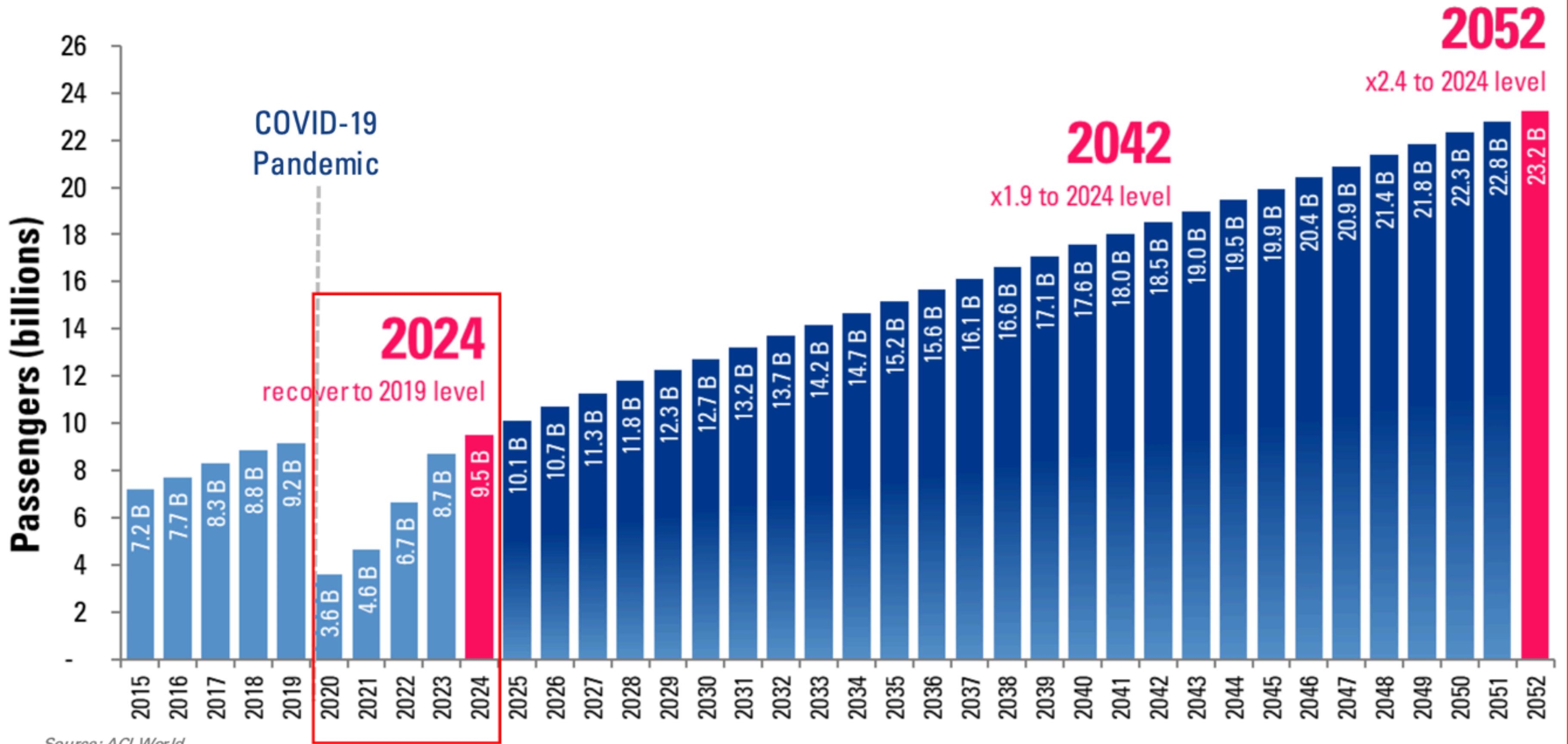


BKK **moving forward to** **the airport excellent.**

LATCHIDA APAPHANT

Executive Vice President.
Airports of Thailand PLC.

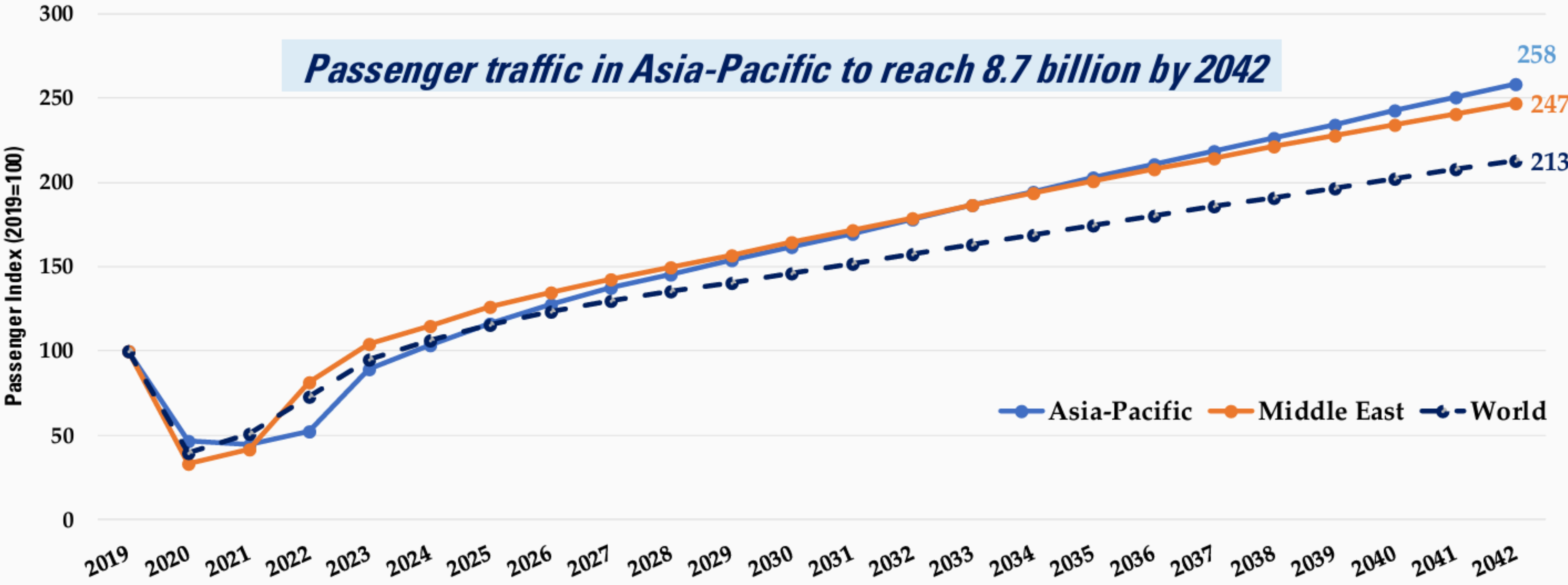




Source: ACI World

Passenger traffic in APAC will grow over 2.5 times by 2042 vs 2019

Passenger traffic in Asia-Pacific to reach 8.7 billion by 2042

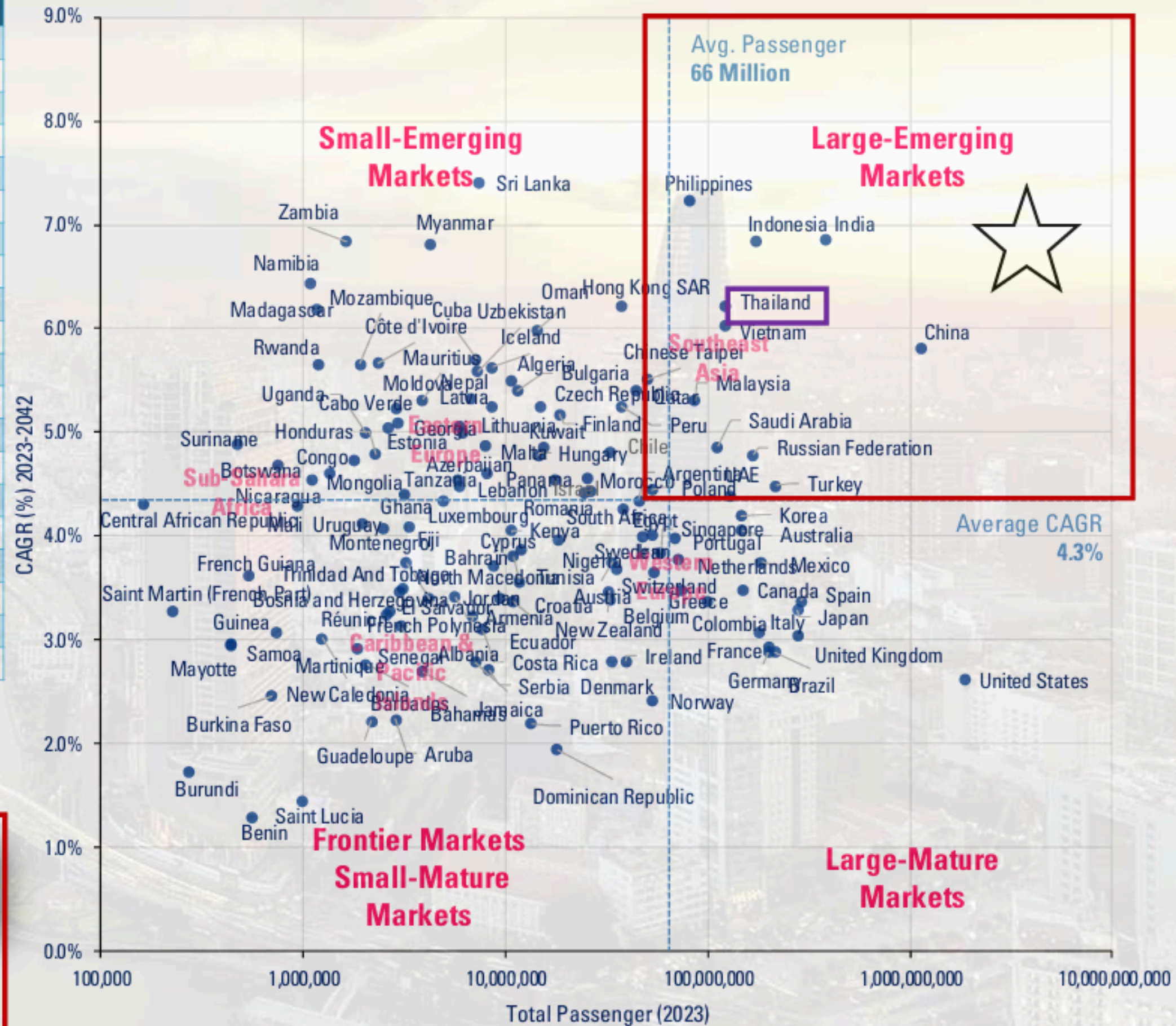


Source: ACI World

Top-20 markets by total passenger traffic forecast

Rank	2023	2042	2052
1	United States	China	China
2	China	United States	United States
3	India	India	India
4	Spain	Indonesia	Indonesia
5	United Kingdom	Spain	Spain
6	Japan	Japan	Turkey
7	Turkey	Turkey	Japan
8	Brazil	United Kingdom	United Kingdom
9	Italy	Russian Federation	Thailand
10	Germany	Thailand	Vietnam
11	Mexico	Vietnam	Mexico
12	France	Mexico	Russian Federation
13	Indonesia	Brazil	Brazil
14	Russian Federation	Italy	Philippines
15	Canada	Germany	Italy
16	Australia	Korea	Korea
17	Korea	France	Australia
18	United Arab Emirates	Australia	Germany
19	Thailand	Philippines	France
20	Vietnam	United Arab Emirates	United Arab Emirates

Total Passenger Traffic - 20 years CAGR Distribution



Large Emerging Aviation Markets in Asia-Pacific and Middle East: **High Growth & Large Scale**

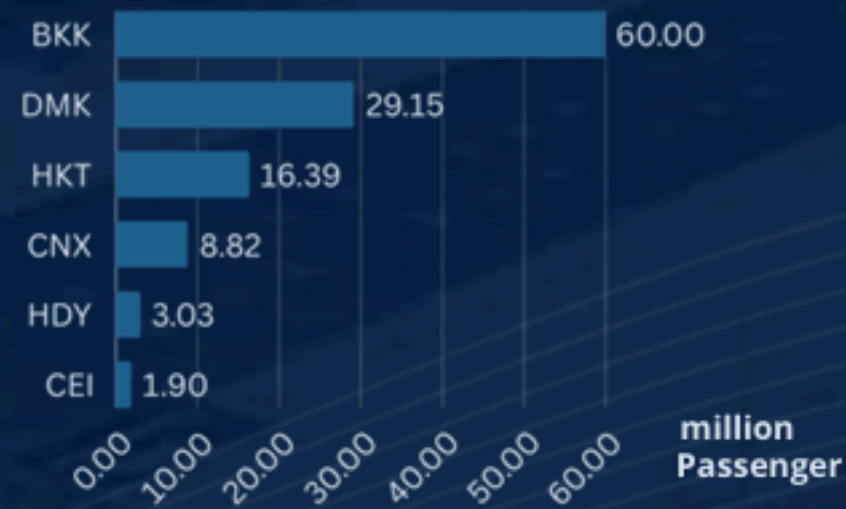
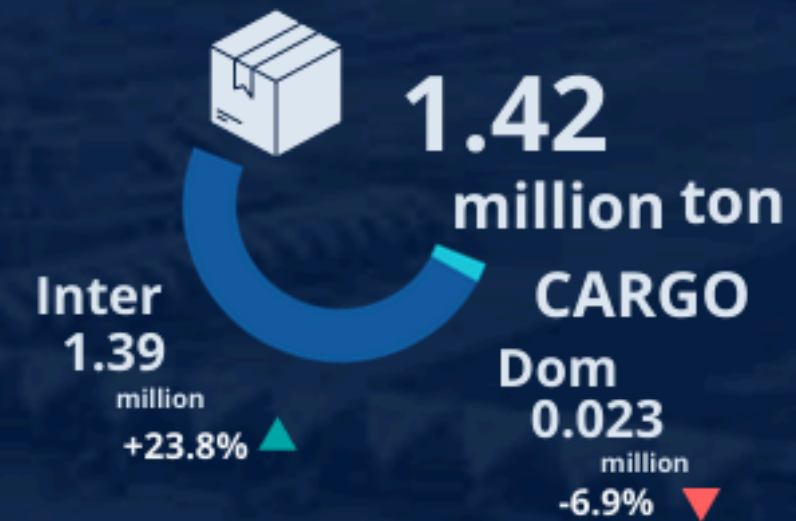
CAGR 2023-2042							
International passengers	12.0%	7.2%	8.2%	6.3%	8.0%	7.2%	5.3%
Total passengers	5.5%	6.5%	6.5%	5.9%	5.7%	6.9%	4.6%

Source : ACI World

Airport

Traffic Summary 2024 Fiscal Year

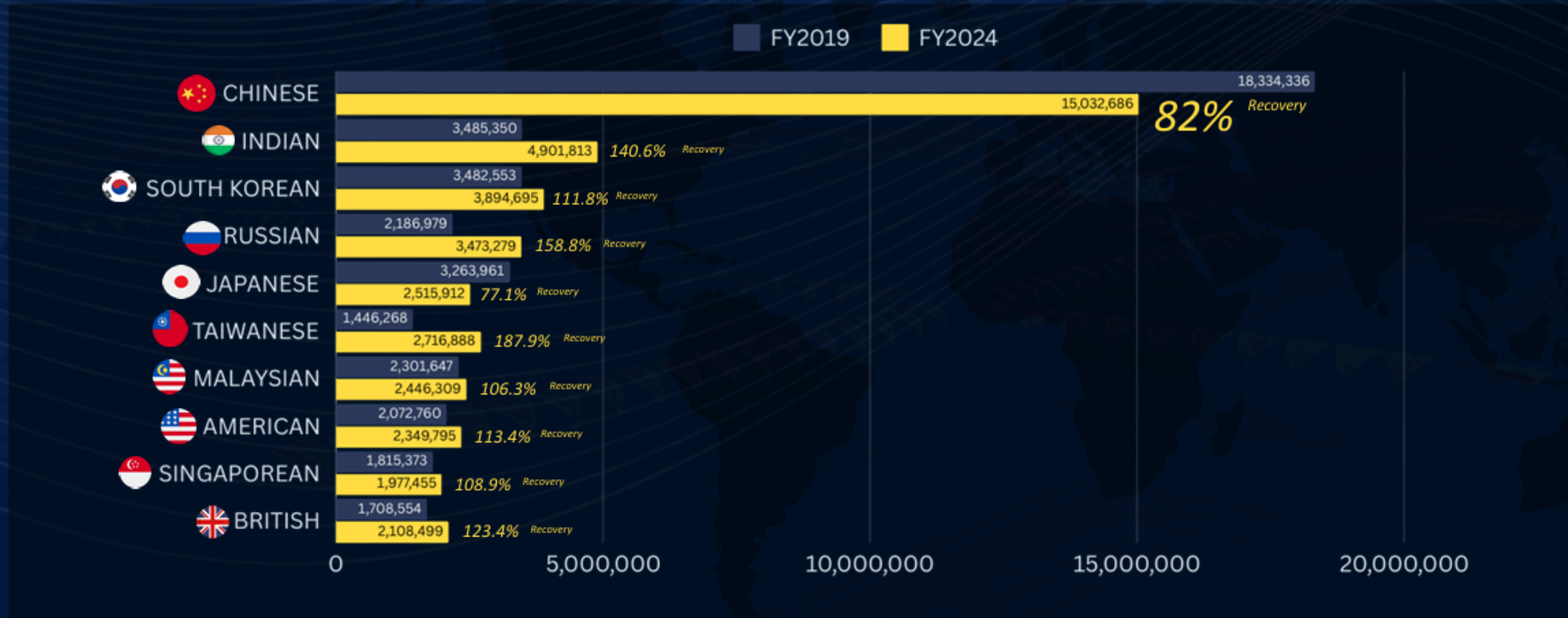
October 2023 - November 2024



TOP 10 Nationality

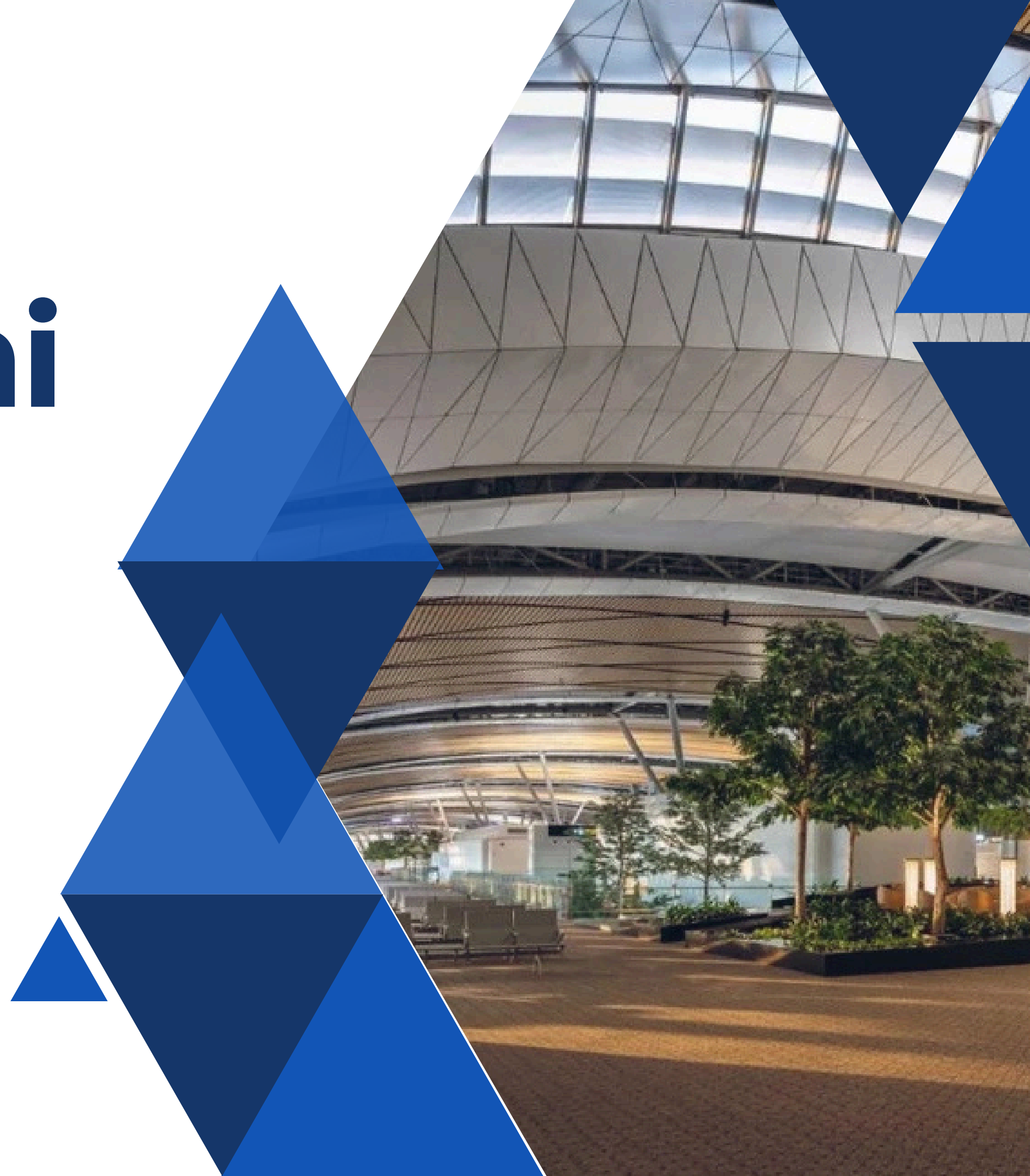
2024 Fiscal Year

October 2023 - November 2024



Source: Air Transport Information and Slot Coordination

Suvarnabhumi Airport Development Plan.



Midfield Satellite 1

Development Project



1 KM Tunnel from SAT-1 to MTB



Passenger Capacity
60 MAP

28 Aircraft Stands
Code E : 20
Code F : 8







3rd Runway and Parallel Taxiway



Runway Capacity 
94 Flight/
Hour

Runway Length : 4,000 m.
Runway Width : 60 m.

Ground Improvement
Area
917,000 Sq.m.



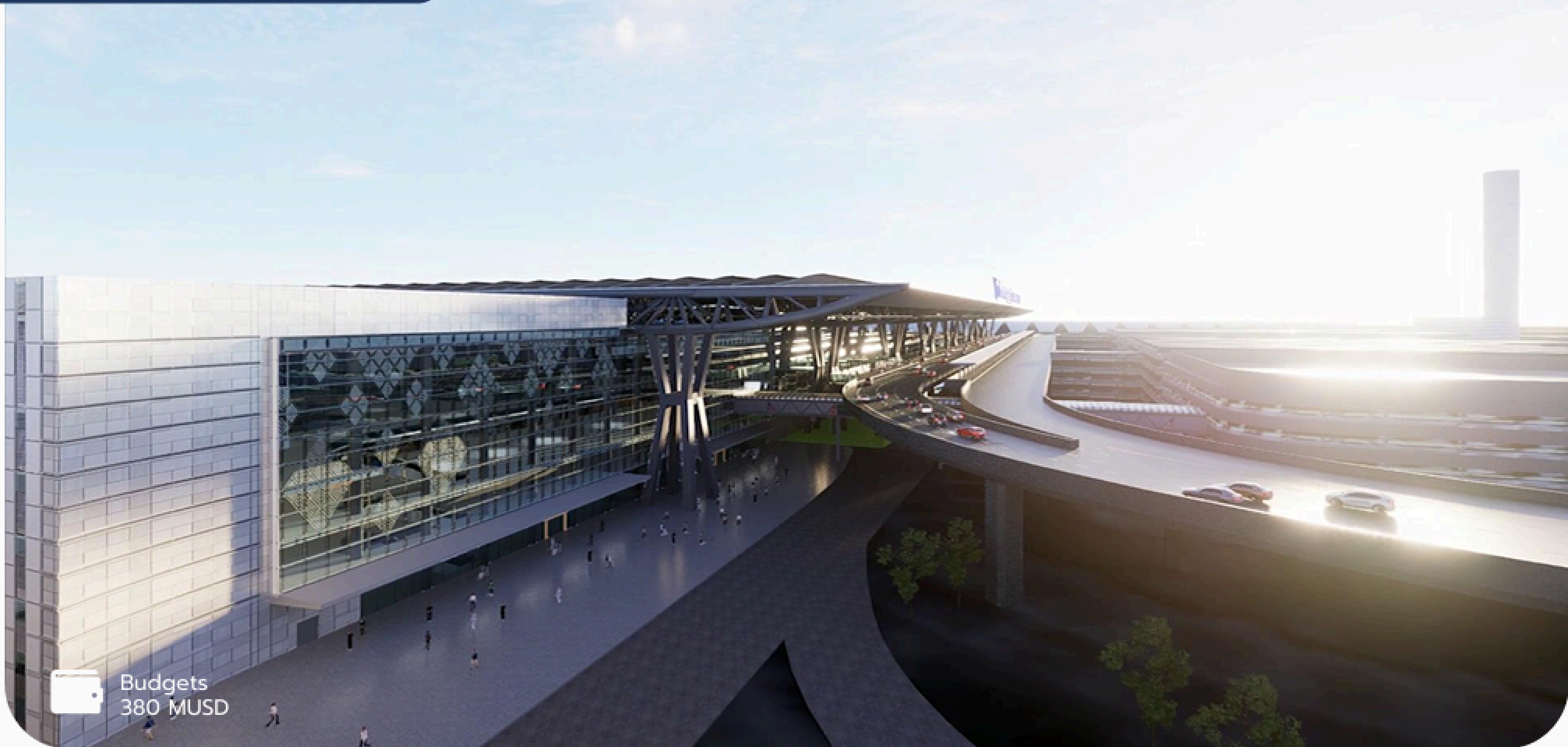
Suvarnabhumi Airport Development Plan



1 ทางยกระดับเข้าสนามบิน 2 Airport Plaza 3 New South Terminal

4 GA Terminal 5 MRO 6 Cargo 7 VIP Terminal 8 Airport City

East Expansion Main Terminal Building



Budgets
380 MUSD

Passenger
Capacity
80 MAP

Area
81,000 Sq.m.

Construction
2025-2028

East Expansion Main Terminal Building



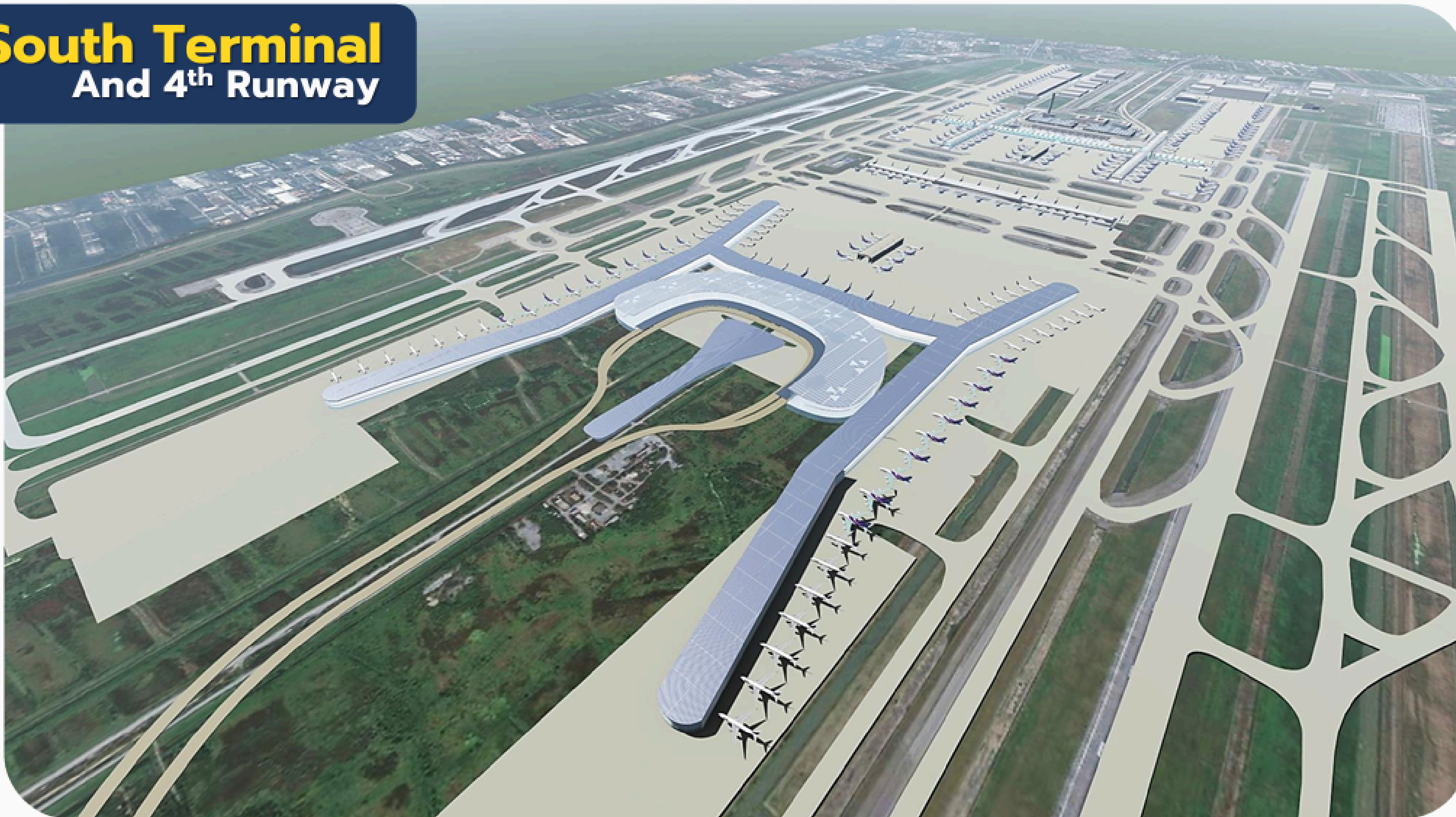
Budgets
380 MUSD

Passenger
Capacity
80 MAP

Area
81,000 Sq.m.

Construction
2025-2028

South Terminal And 4th Runway



Passenger
Capacity
150 MAP

Runway
Capacity 
120 Flight/
Hour



Terminal Area 400,000 sq.m.
Concourse Area 600,000 sq.m.
Plaza and Car Park Area 350,000 sq.m.

Connect to Ging Gaew Road



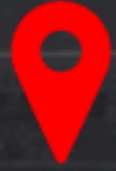
BKK | General Aviation



Main
Terminal

Area: 100,000 sq.m.
Accommodate Code C:
10 aircraft parking stand

BKK | Maintenance Repair Overhaul (MRO)



South
Area: 350,000 sq.m.
accommodate up to
18 aircraft

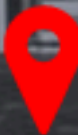


Main
Terminal

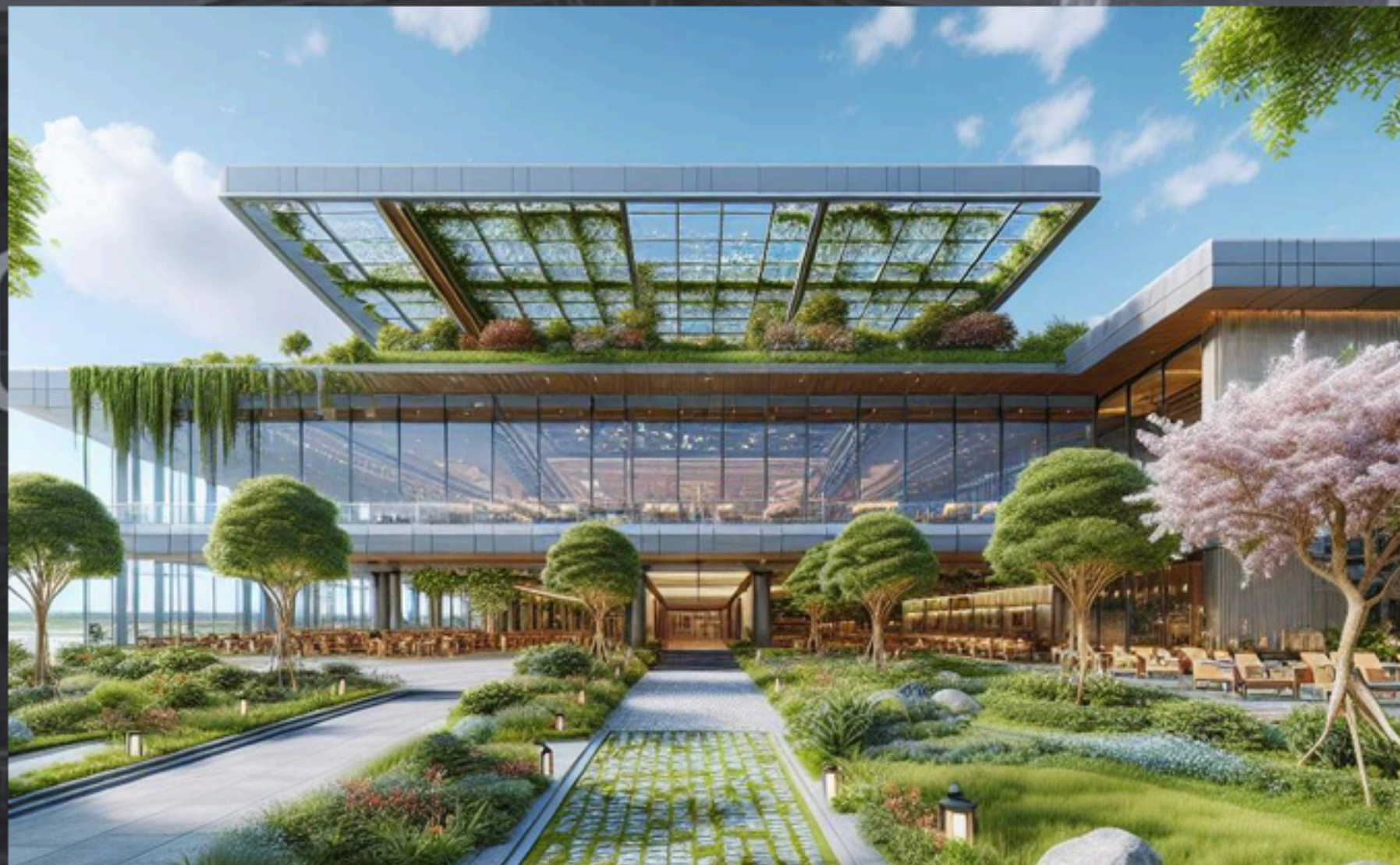
MRO Hangar
Area: 150,000 sq.m.
Accommodate up to
8 aircraft.



North
Area: 125,000 sq.m.
accommodate up to
6 aircraft



BKK | VIP Terminal



Main Terminal



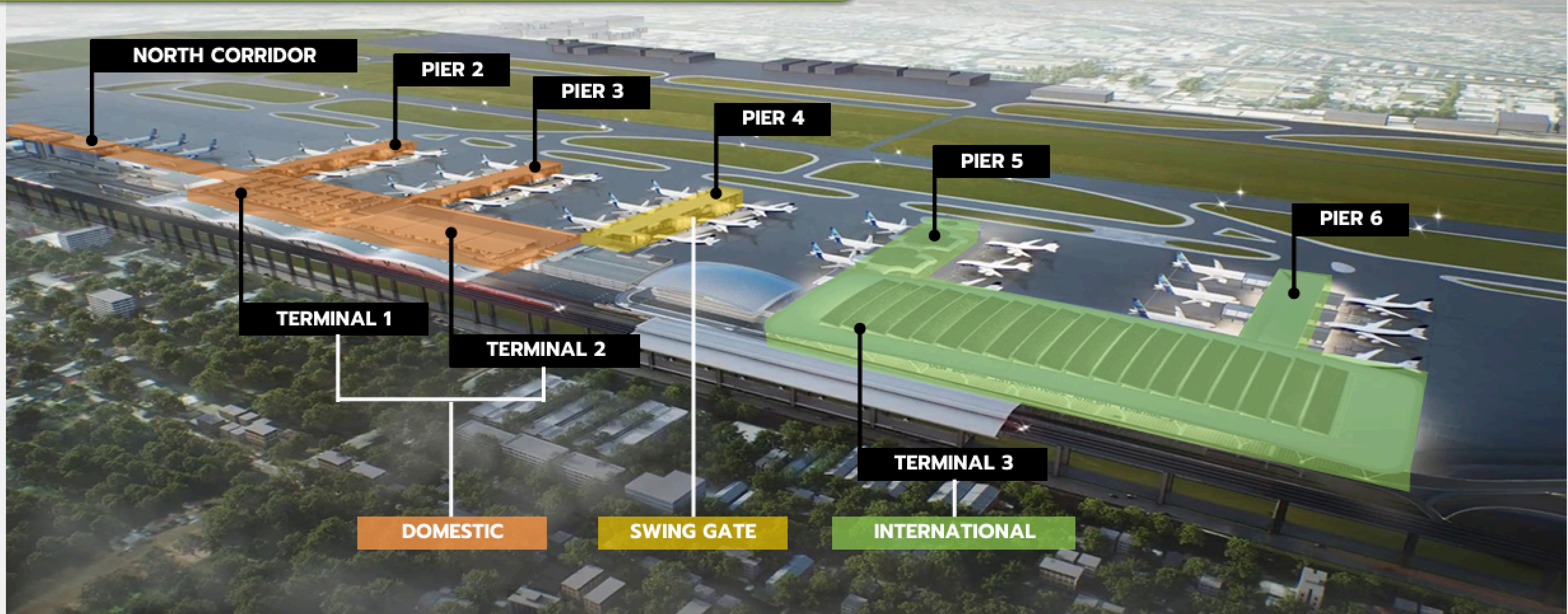
Area: 80,000 sq.m.
Connect to Landside/ Airside
and Control Post

Don Mueang Airport

Development Plan.



Don Mueang International Airport



Current

30 MAP

50 Flights/Hour

- Terminal 1 (International)
- Terminal 2 (Domestic)
- 114 Aircraft Stands

Private sector Invests

- Junction Building
- Car Park Building

Phase 3

40 MAP

50 Flights/Hour

- Terminal 3 (International)
- Terminal 1 (Domestic)

Terminal 3

International Terminal



International
Passenger

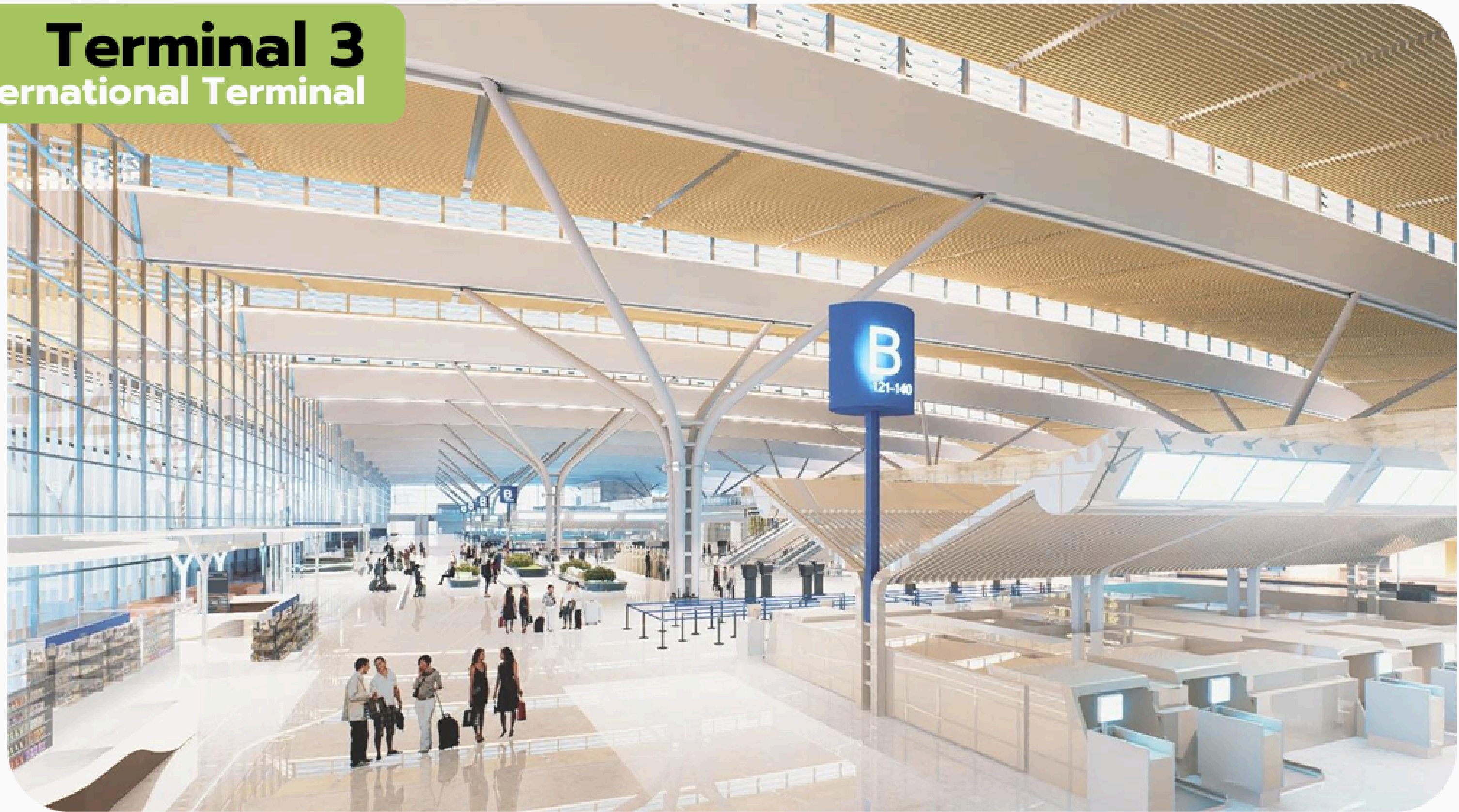
18 
MAP

Area 
166,000 Sq.m.

 Construction
2026-2030

Terminal 3

International Terminal



International
Passenger

18  MAP

Area 
166,000 Sq.m.

 Construction
2026-2030

Terminal 1&2

Domestic Terminal



Domestic
Passenger



22 MAP

Area 
210,800 Sq.m.

 Construction
2031-2032

Terminal 1&2

Domestic Terminal



Domestic
Passenger



22 MAP

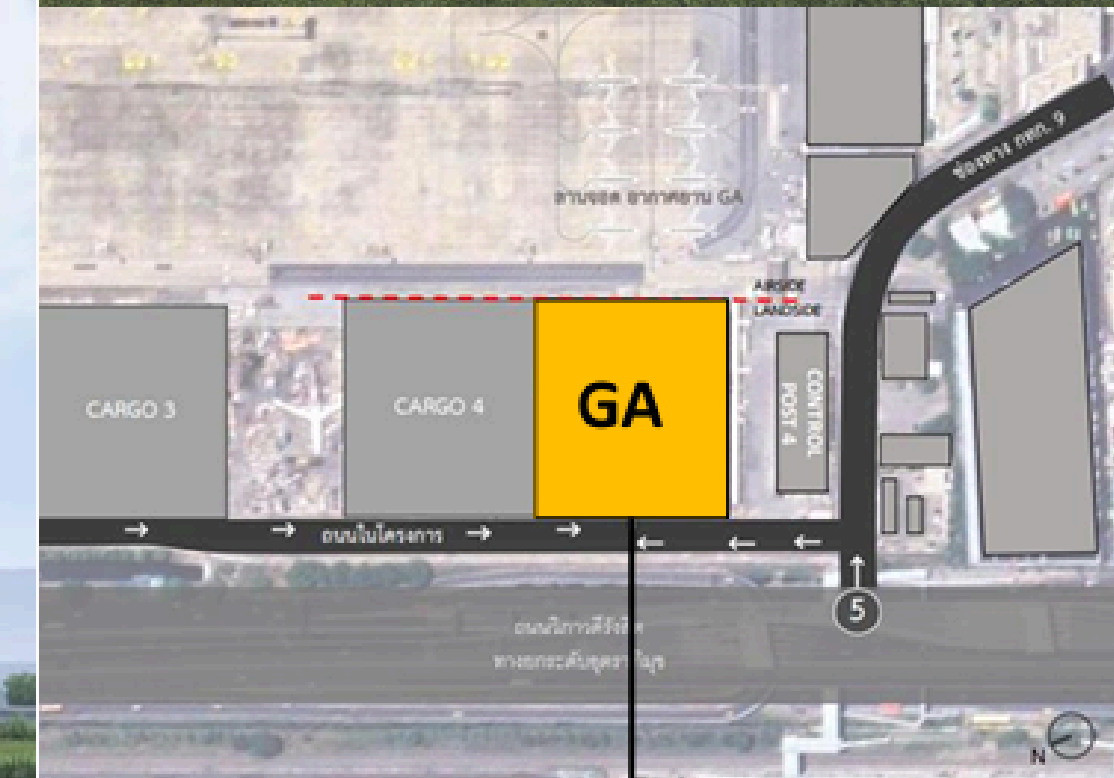
Area 
210,800 Sq.m.

 Construction
2031-2032

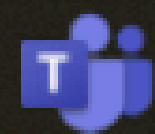
General Aviation Terminal



Area **21,000** Sq.m.



Airport Technology.



AUTOMATION

Departures : All journey processes reduce from 45 mins to 30 mins
Arrivals : All journey processes reduce from 30 mins to 25 mins



Check-in/Self Baggage Drop

CUSS

Queue for self-service kiosk which uses facial recognition



CUBD

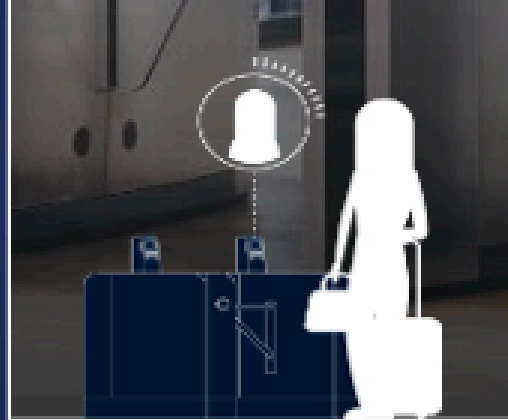
Queue for self-service kiosk which uses facial recognition



Passenger Validation System

PVS

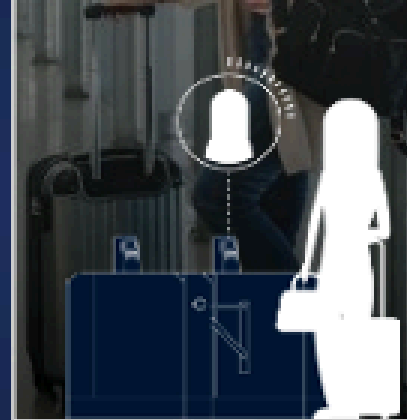
FR-based pre-security check; queue for self-service kiosk which uses facial recognition



Self-Boarding Gate

SBG

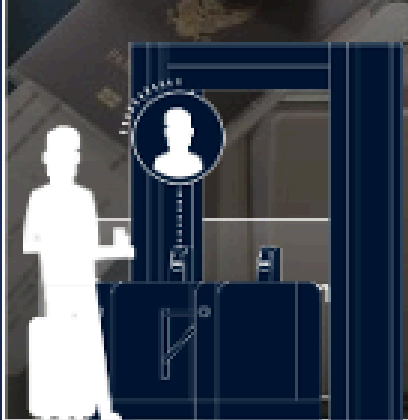
Self-service boarding via facial recognition



Auto Border Control

ABC

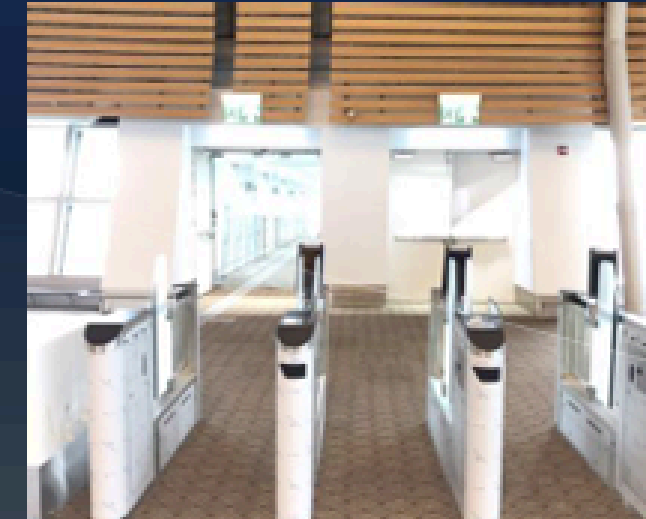
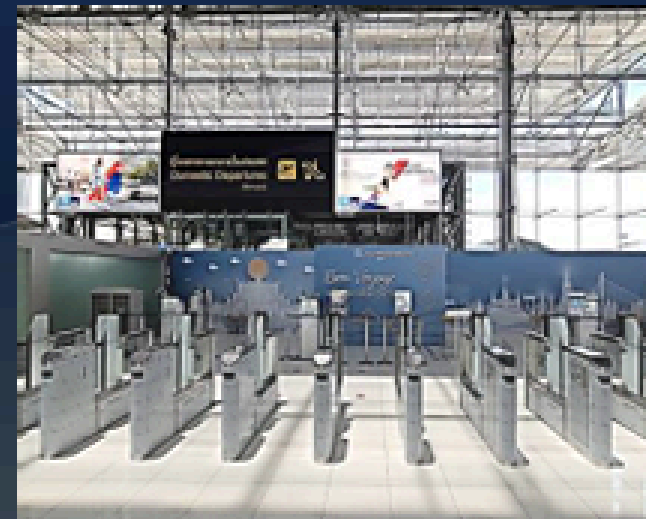
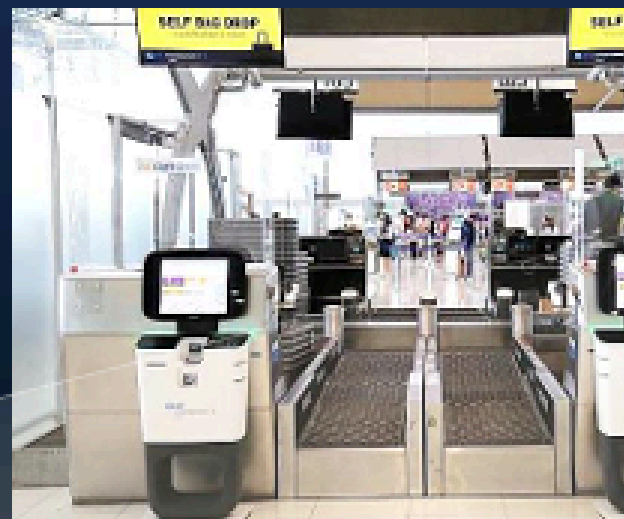
Auto Border Control via facial recognition



Biometric Identification System

Biometric

Check-in via facial recognition



CUSS/ CUBD

Common Use Self Service/ Bag Drop



AOT
CUSS
COMMON USE SELF SERVICE
ระบบเช็คอินด้วยตนเองอัตโนมัติ
SELF CHECK-IN จำนวน 196 จุด



AOT
CUBD
COMMON USE BAG DROP
ระบบรับกระเป๋าสัมภาระอัตโนมัติ
จำนวน 50 จุด



AOT
CUSS
COMMON USE SELF SERVICE
ระบบเช็คอินด้วยตนเองอัตโนมัติ

Total 196 Units



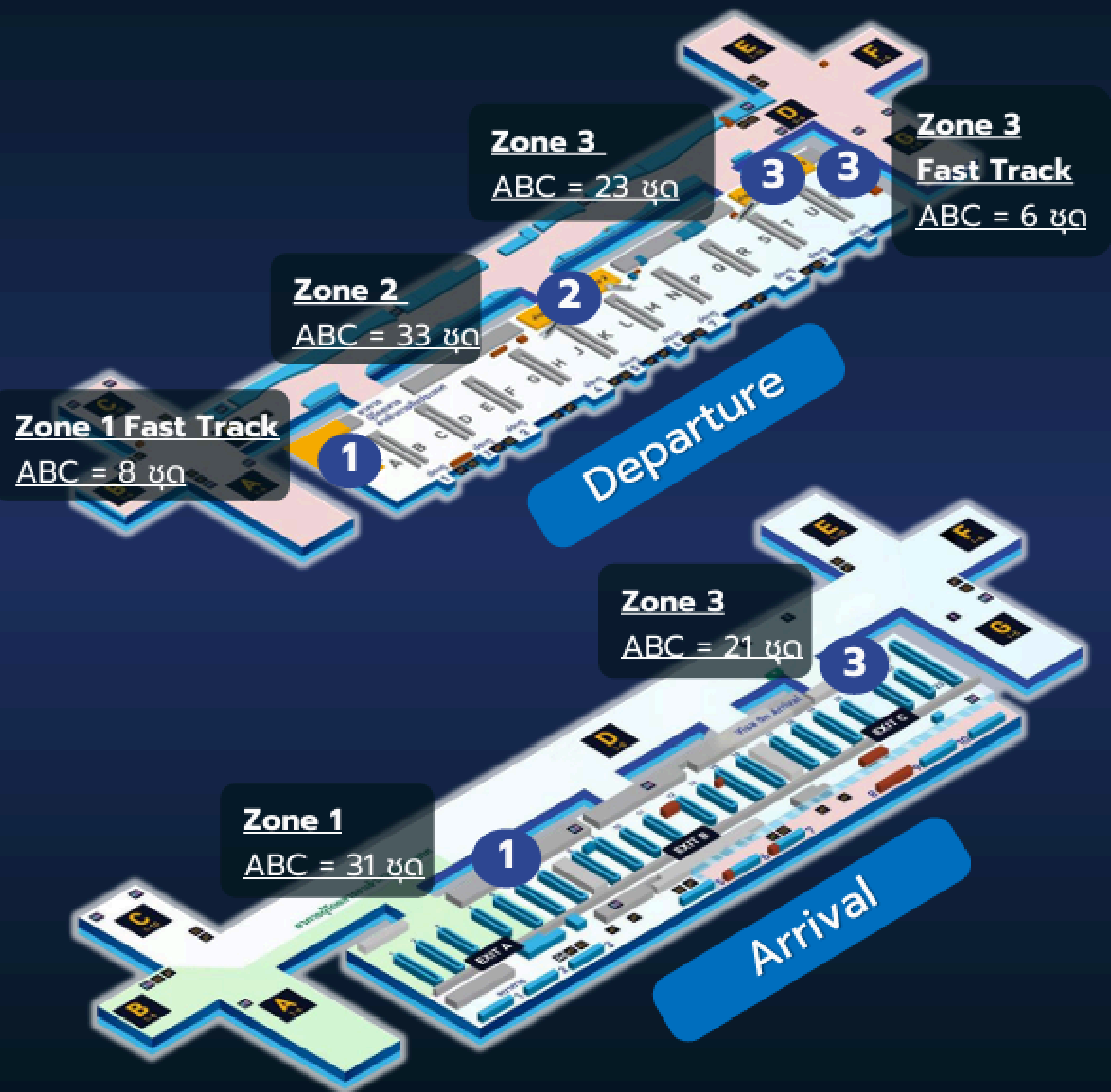
AOT
CUBD
COMMON USE BAG DROP
ระบบรับกระเป๋าสัมภาระอัตโนมัติ

Total 50 Units

Go Live : Oct 2020

ABC

Automated Border Control



Departure

70

Channel

Arrival

52

Channel

Total

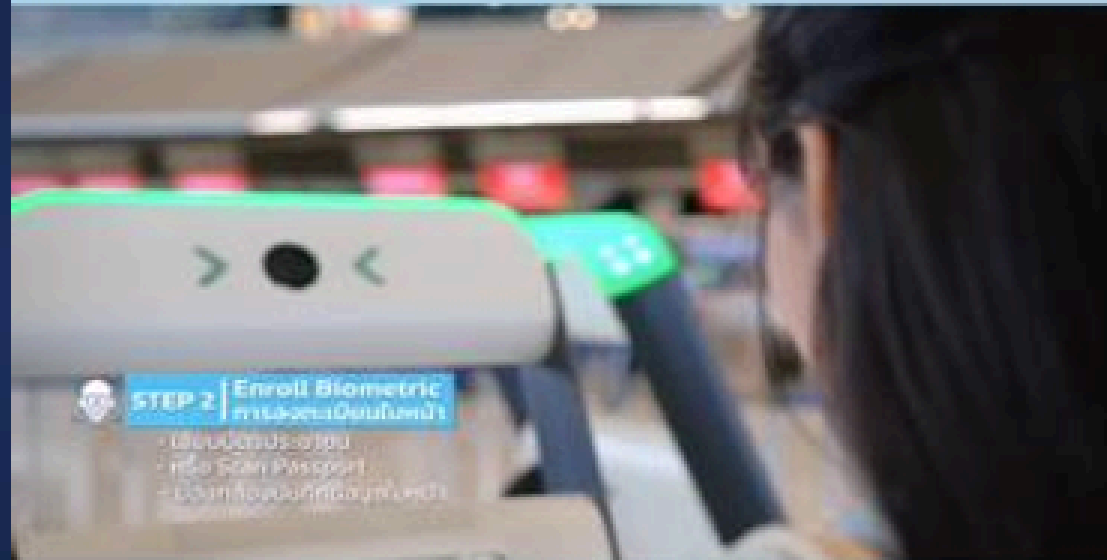
122

Channel

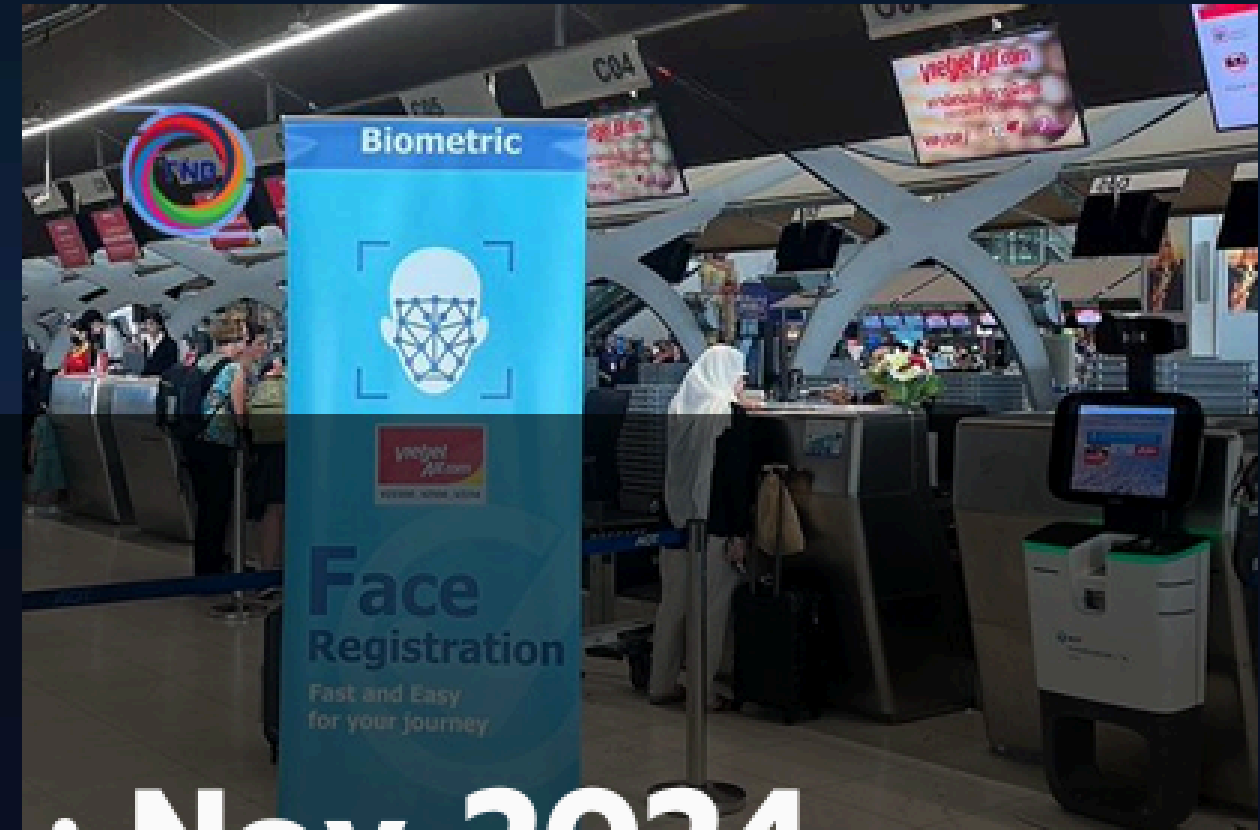
Go Live : Emigration - Jun 2024



Biometric Identification System



- ✗ บัตรประชาชน / Passport
- ✗ Boarding Pass
- ✓ Scan หน้า ผ่านเลย



Go Live : Nov 2024



BKK Enhancement Technology



CUSS/CUBD



Reduce waiting time in
Check-in Process

avg. **20** mins



less than **1** mins

BIOMETRIC



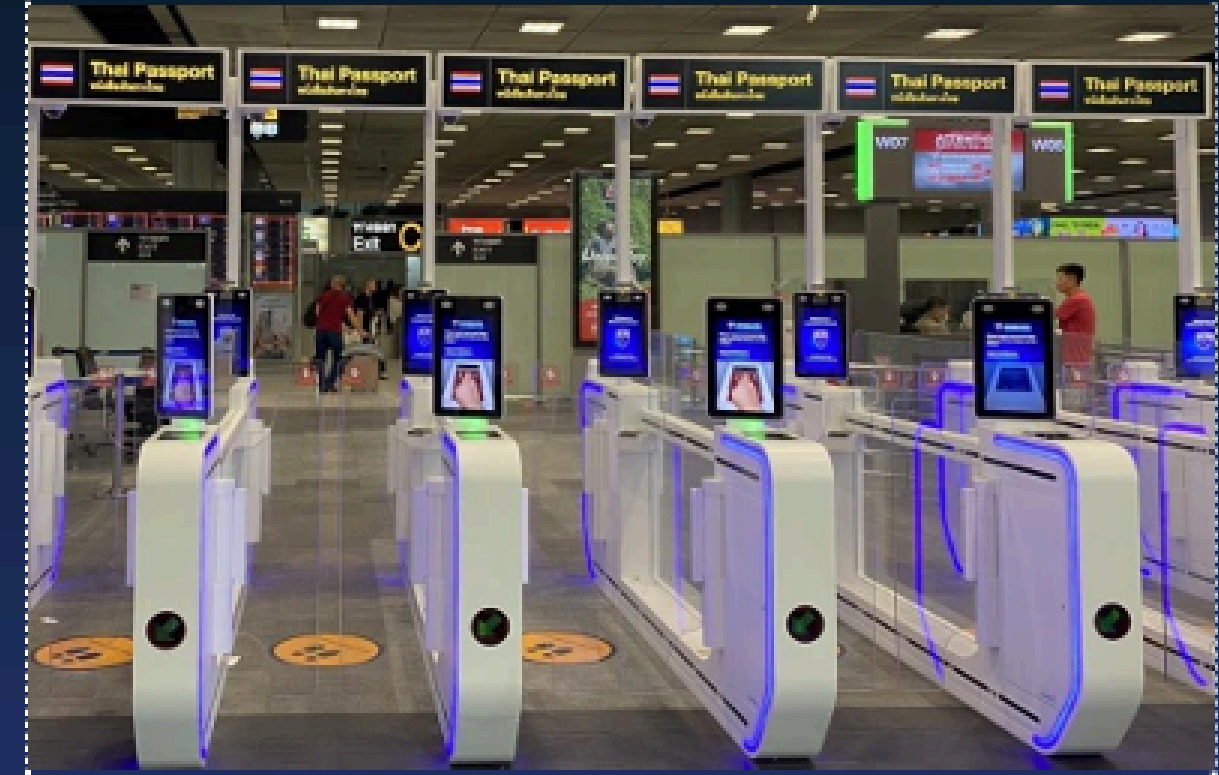
Reduce processing time in
Check-in, CUSS, CUBD, PVS
Passport control and SBG

avg. **3** mins



1 mins

ABC



Reduce waiting time in
Passport Control Process

avg. **15** mins



less than **2** mins



New Travel Experience **Airport Self Check-in**

CUSS

Common Use Self Service

196 kiosks
29 airlines support



Up to 3
per Passenger
min.

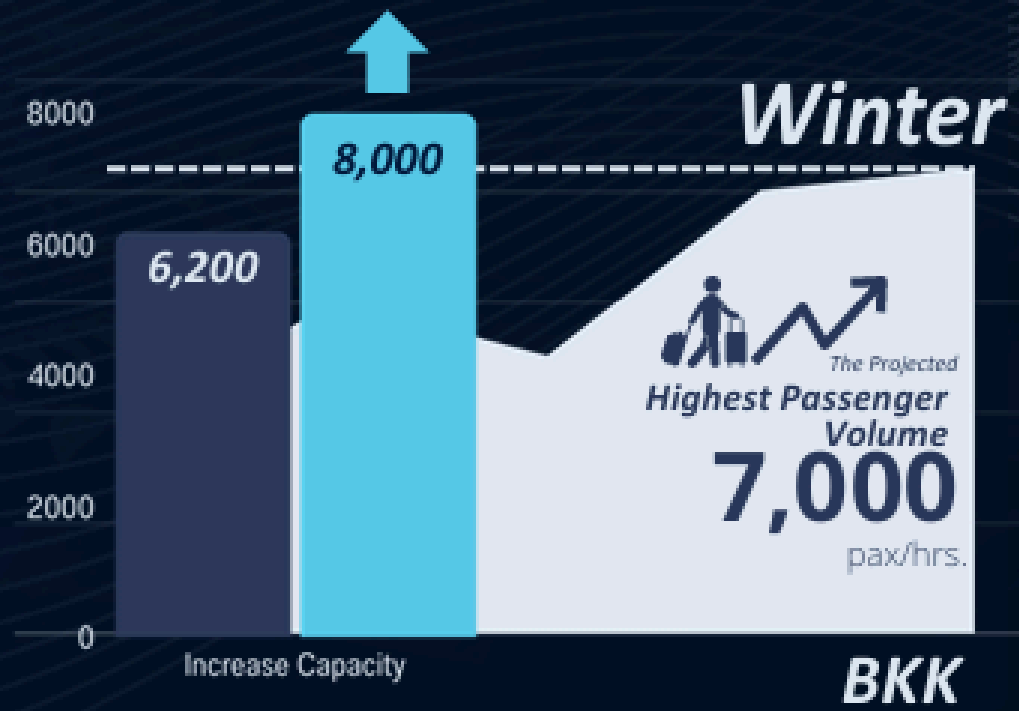
less than
1.5 min.

x2
Faster

CUBD

Common Use Self Bag Drop

50 kiosks
16 airlines support



■ Airport Check in Capacity with out CUSS&CUBD
■ Airport Check in Capacity with CUSS&CUBD

**Thank
You.**

