ACV | AIRPORTS CORPORATION OF VIETNAM

OVERVIEW OF ACV

CORPORATE PROFILE

ACV is managing

22
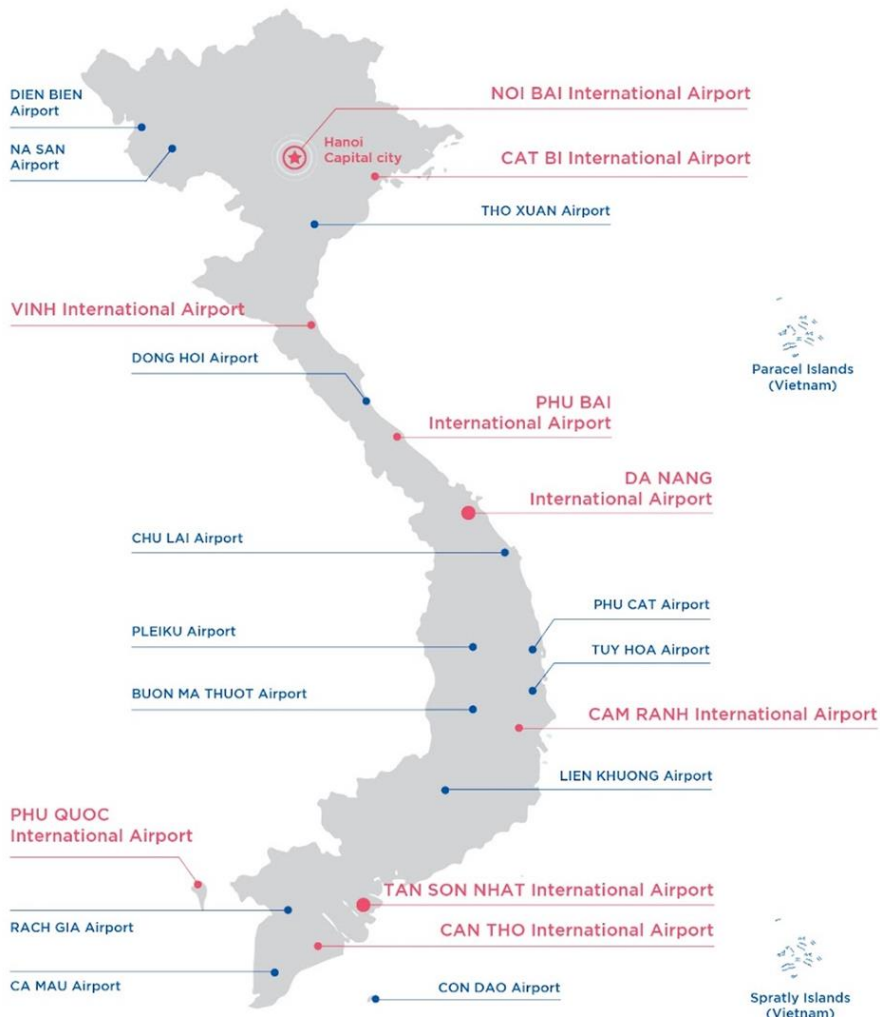
airports nationwide

✈ **09 INTERNATIONAL AIRPORTS**

✈ **13 DOMESTIC AIRPORTS**

🚶 **PASSENGERS**

- **2019: 116,3** million
- **2020: 65,2** million
- **2021: 30,1** million
- **2022: 99** million

DIEN BIEN Airport

NA SAN Airport

NOI BAI International Airport

Hanoi Capital city

CAT BI International Airport

THO XUAN Airport

VINH International Airport

DONG HOI Airport

Paracel Islands (Vietnam)

PHU BAI International Airport

DA NANG International Airport

CHU LAI Airport

PLEIKU Airport

PHU CAT Airport

TUY HOA Airport

BUON MA THUOT Airport

CAM RANH International Airport

LIEN KHUONG Airport

PHU QUOC International Airport

TAN SON NHAT International Airport

RACH GIA Airport

CAN THO International Airport

CA MAU Airport

CON DAO Airport

Spratly Islands (Vietnam)

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DEVELOPMENT OF ACV

1975-2006

To meet the demand of airport operation management in the region, airport groups were established in state-owned enterprise model, operated public services and changed their names into Northern, Middle and Southern Airports Region with head offices in Noi Bai International Airport, Da Nang International Airport and Tan Son Nhat International Airport.

2007

Established Northern, Middle and Southern Airports Corporation, directly under Ministry of Transportation.

From Feb 8th, 2012

Established Airports Corporation of Vietnam (ACV), directly under Ministry of Transportation, on the basis of merging three corporations namely Northern, Middle and Southern Airports Corporations.

From Dec 10th, 2015

ACV successfully organized IPO in Ho Chi Minh Stock Exchange (HOSE).
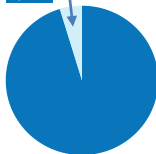
From April 11th, 2016

ACV officially operated in joint-stock company model, becoming Airports Corporation of Vietnam – JSC.

From Nov 21th

ACV's share was officially traded in UPCoM.

From Nov 12th, 2018

Airports Corporation of Vietnam – JSC operated directly under Commission for the Management of State Capital at Enterprises.

CHARTER CAPITAL
21.772 BILLION VND

4.6%

Architectural design of Passenger Terminal - Phu Bai International Airport

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VISION & MISSION

- Continuing the leading role of the Government in the development in airports infrastructure.
- Environmental protection and response to climate change.

TO CREATE
The Future Growth

TO PROTECT
The Values

- Achieving business efficiency and service quality on par with the world.
- Preserving and developing capital to ensure resources for investment development

- Improving management skills to continuously invest, operate and manage the modern airports system.
- Applying advanced science and technology to improve competitiveness.
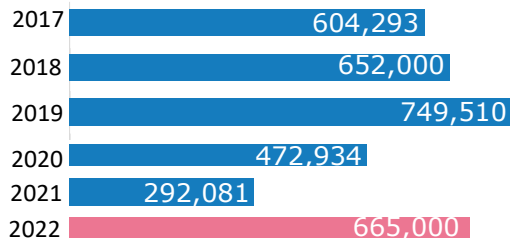
TO OPERATE
The Innovation & Competition

TO ACHIEVE
The Success

- Maintaining the stability of the employee's life and income.
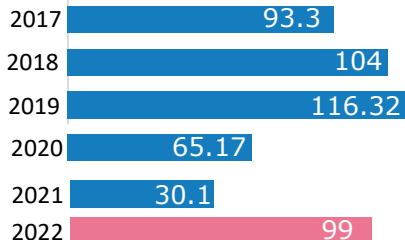- Ensuring aviation safety and security as the host of all sky gates to Vietnam

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BUSINESS PERFORMANCE

Flight
✈
Unit: Aircraft Movement

Year	Value
2017	604,293
2018	652,000
2019	749,510
2020	472,934
2021	292,081
2022	665,000

Passenger
Unit: Mil PAX

Year	Value
2017	93.3
2018	104
2019	116.32
2020	65.17
2021	30.1
2022	99

Cargo
Unit: Thousand tons

Year	Value
2017	1,369
2018	1,540
2019	1,517
2020	1,304
2021	1,473
2022	1,379
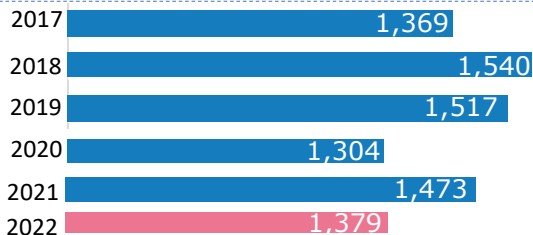
Revenue*
$
Unit: VND billion

Year	Value
2018	17,803
2019	20,498
2020	10,215
2021	7,098
2022	15,930
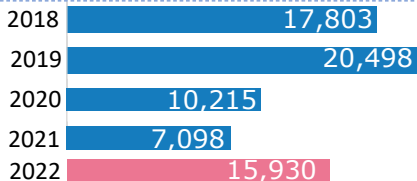
(*) According to the audited consolidated financial statements for the fiscal year

Compare to 2022

In the first 10 months of 2023

Passengers
95.8 million PAX
▲ 16.3%

Cargo
1,018 thousand tons
13%

Aircraft movement
605 thousand movements
▲ 9%

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GLOBAL CONNECTIVITY

06 cities — North America

05 cities — Central South America

13 routes — Europe

03 cities — Africa

02 cities — Middle East

170 routes — Asia

03 routes — Australia

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GLOBAL CONNECTIVITY

From 21 Airports in Vietnam to more than

200
CITIES OF

40 countries and territories

ASIA
170 ROUTES TO COUNTRIES

Brunei	Myanmar
Cambodia	Japan
Taiwan	Philippines
Korea	Singapore
Hong Kong	Thailand
Indonesia	China
Laos	Malaysia

AFRICA
CONNECTING TO CITIES

South Africa	Egypt
Johannesburg (JNB)	Cairo (CAI)
Cape Town (CPT)	

EUROPE
13 ROUTES TO COUNTRIES

Germany	Russia
France	Finland
Turkey	Switzerland
England	

NORTH AMERICA
CONNECTED TO CITIES

Canada	USA
Vancouver (YVR)	New York (JFK)
Montreal (YUL)	LA & California (LAX)
Quebec (YQB)	Houston (IAH)
	San Francisco (SFO)

CENTRAL SOUTH AMERICA
CONNECT TO COUNTRIES

Cuba (HAV)	Peru
	Mexico

Brazil	Argentina
Sao Paulo (GRU)	Buenos Aires (EZE)
Rio De Janeiro (GIG)	

MIDDLE EAST
03 ROUTES TO CITIES

Abu Dhabi, Dubai (UAE)	Doha (Qatar)

AUSTRALIA
03 ROUTES TO CITIES

Australia	New Zealand

TECHNOLOGICAL DEVELOPMENT

DEPLOYING PLAN

ACV Common Use Terminal Equipment (ACV iCUTE) is an IT solution that is developed by our-self
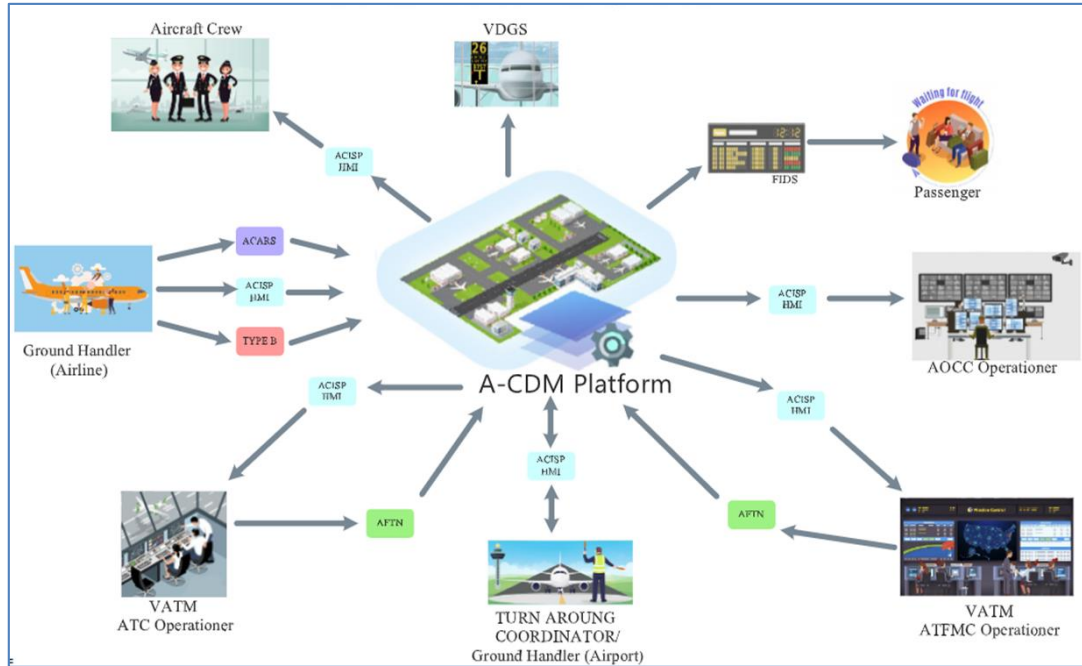

2022

ACV i-Cute enables multiple Domestic airlines to use existing airport infrastructures (the same hardware and equipment at a specific airport) to control passenger and flight processing through our own servers

Implement "Airport Collaborative Decision Making" (A-CDM) at Noi Bai and Tan Son Nhat International Airports

2022 - 2025

A-CDM can reduce airport and en route delay and optimize airport operations, by increasing an efficient turnaround process and improving flight predictability through real time data exchange for air navigation services

DEPLOYING PLAN

ACV Self - Service 2022 - 2023

✈ Self Kiosk Checkin

- Identify yourself with your ID or passport
- Confirm your flight information
- Review your seat assignment
- Indicate your checked bags
- Print your boarding passes

✈ Self-BagDrop

- SBD enables passengers to autonomously check-in and securely drop off their baggage Confirm your flight information

- The human-centric design increases passenger adoption, resulting in shorter lines, less waiting times – meaning happier passengers, smoother travel and smarter businessIndicate your checked bags
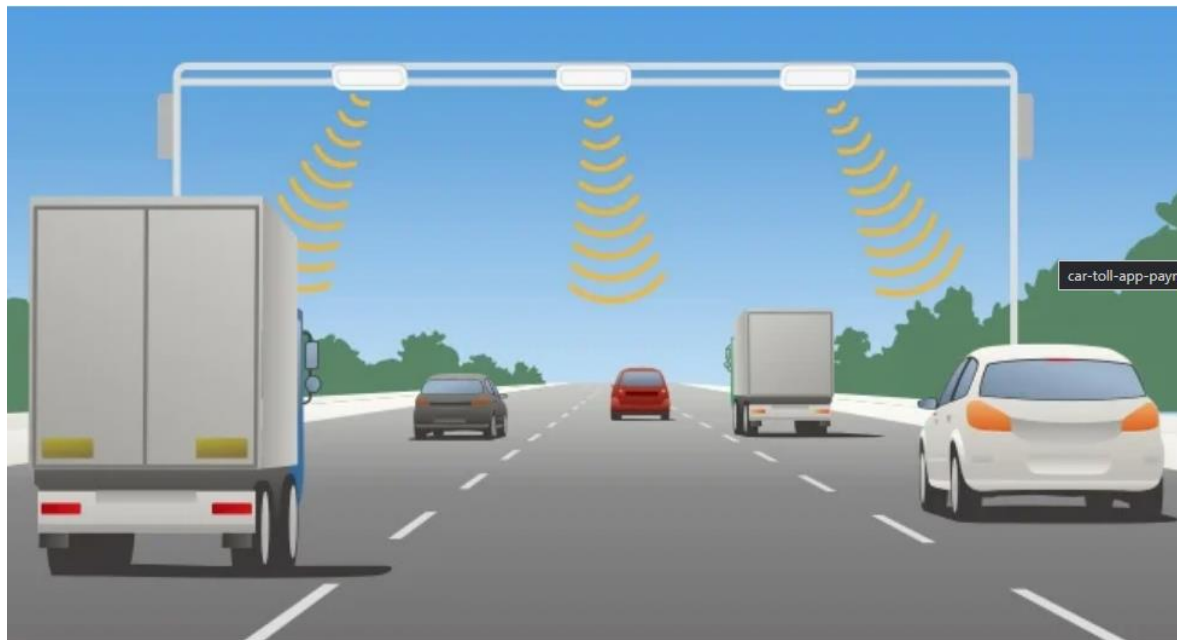

✈ Self-BoardingGate

- Helps speed up the boarding process, cutting wait times at the gates
- Opening the door to secure and seamless passenger processing
- Single person detection system
- Ensures that passengers board the right aircraft.

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DEPLOYING PLAN

Electronic Toll Collection (ETC)

2024 - 2025

Increases throughput, Reduce overall toll-collection costs, Reduce traffic congestion

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DEPLOYING PLAN

LONG THANH INTERNATIONAL AIRPORT PHASE 1

Smart - Eco Airport

The entire Long Thanh Airport, upon completion after three phases, would have four runways and four passenger terminals. It is designed to handle a capacity of 100 million passengers and five million tons of cargo per year by 2040

The first phase is set to be up and running in 2025 to serve 25 million passengers per year

Smart Airport: AI, IoT, Big Data, Biometric Technology, Self services, Early Baggage System

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FUTURE ORIENTATION

✈ In near future, ACV continues to upgrade our current airport to be more and more modern and intelligent, moving nearer to be "smart/connected" airport. There are some technologies that we plan to be equipped in our airports from now to 2025, orientation to 2030

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FUTURE ORIENTATION

Contactless Technology within ACV Airport Environments
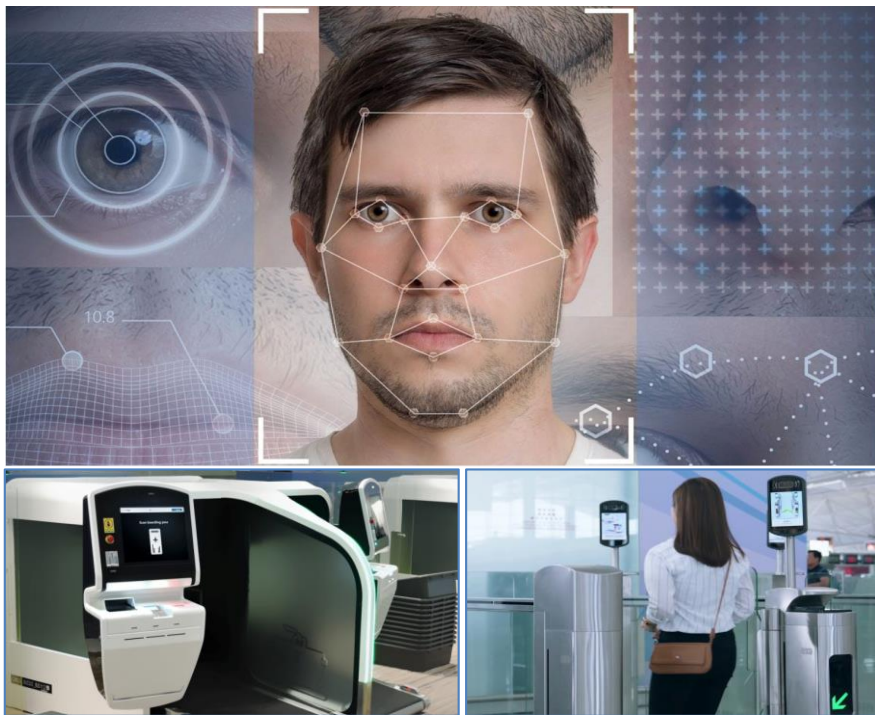
Biometric Technology with ACV Self Services

✈ Facial recognition solution for passengers.

✈ Passengers use their faces as a means to access facilities around the airport:
- Sel-Kiosk check-in
- Self-Bagdrop
- Self-Boarding gate

FUTURE ORIENTATION
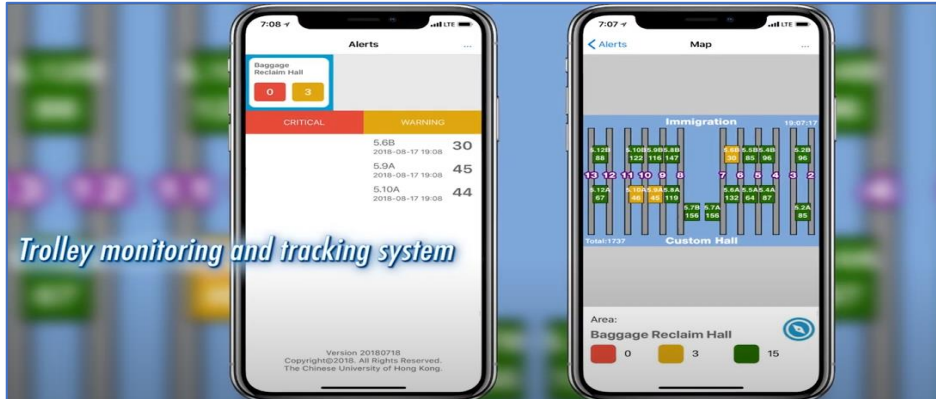
SECURITY & OPERATION within ACV Airport Environments

Biometric Technology with Security

✈ Facial recognition security camera

✈ Protecting operations, site and people

FUTURE ORIENTATION

SECURITY & OPERATION within ACV Airport Environments

Monitoring & Tracking System

✈ Trolley monitoring and tracking system

✈ GPS vehicle tracking

FUTURE ORIENTATION

SECURITY & OPERATION within ACV Airport Environments

Foreign Object Detection (FOD)

✈ Using FOD in runway

✈ FOD is set up on stand

✈ Mobile FOD is set up on cars

DEVELOPMENT & INVESTMENT PLAN

OBJECTIVES FOR THE PERIOD 2021- 2030

Ensure 22 airports to be modern, secure, safe, and efficient in accordance with ICAO standards

Joining logistic service provider system

Proficient implementation of digital transformation

Investment in human resources

Preservation and expansion of capital

TOP 10 Fastest Growing Countries for Passengers 2017-2040

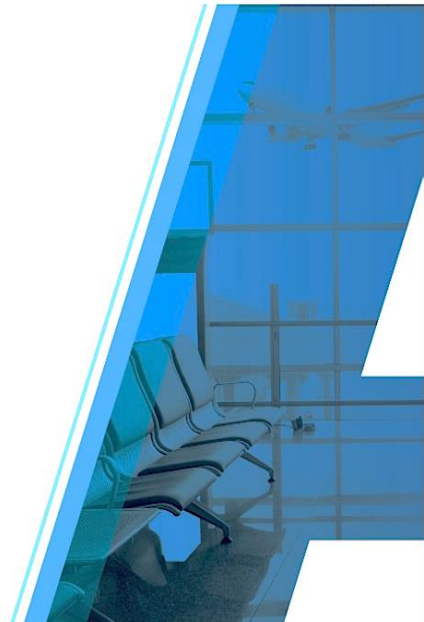Over 50 million passengers per annum

Ranked

01 ▲ **6,2%**

Vietnam

Ranked 02
India

Ranked 03
Saudi Arabia

Source: ACI-Annual World Airport Traffic Forecasts 2018-2040

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STRATEGY FOR THE PERIOD 2021-2030

CORE BUSINESS

Focus on development for core business and related service businesses (including market, service and product)

CORPORATE GOVERNANCE

Consolidate the corporate governance

CORPORATE ASSETS

Restructure the corporate assets & capital and people

INFRASTRUCTURE INVESTMENT

Orientation of infrastructure investment with the objectives of environmental protection and technological advancement.

MAIN INVESTMENT PROJECTS (PERIOD 2021-2030)

Scope in order	Airport	Categories
1	**Long Thanh International Airport Phase 1**	1 Terminal 25mil pax 1 Runway
2	**Tan Son Nhat International Airport**	New terminal T3 20mil pax
3	**Noi Bai International Airport**	T2 expansion to 15mil pax New terminal T3 10mil pax with auxiliary works
4	**Phu Bai International Airport**	New terminal 5mil pax
5	**Dien Bien Airport**	New airport
6	**Cat Bi International Airport**	New terminal T2 5mil pax Cargo terminal and parking stand area expansion
7	**Dong Hoi Airport**	New terminal 3mil pax
8	**Projects in reservation after master plan modification: Expansion plan of Da Nang, Cam Ranh and Phu Quoc International Airport**	

LONG THANH INTERNATIONAL AIRPORT PROJECT

Since 2004, ACV has been assigned by the Government and Ministry of Transport to be the investor from the planning phase to prepare the Long Thanh International Airport Feasibility Study of Investment.

On 26/11/2019, at the 8th Session of the XIV National Assembly, the Feasibility Study Report for Long Thanh International Airport Construction Investment Project-Phase 01 was officially approved by the National Assembly of the Socialist Republic of Vietnam.

From 2020, ACV is ready to have all resources to implement the project Phase 1.

Overview of Long Thanh International Airport Project

According to the Pre-Feasibility Study approved by the National Assembly in 2015, the total expected capacity of Long Thanh International Airport for all 3 periods is 100 million passengers/ year and 5 million tons of cargo/ year.

The project of Long Thanh International Airport consists of 3 phases:

Phase
01

2020-2025
Constructing and completing runway No.01, T1 Passenger Terminal and auxiliary items to ensure the designed capacity of 25 million passengers/ year and 1.2 million tons of cargo/ year.

Phase
02

2025-2030
Constructing and completing runway No.02, T2 Passenger Terminal and auxiliary items to ensure the designed capacity of 50 million passengers/ year and 1.5 million tons of cargo/ year.
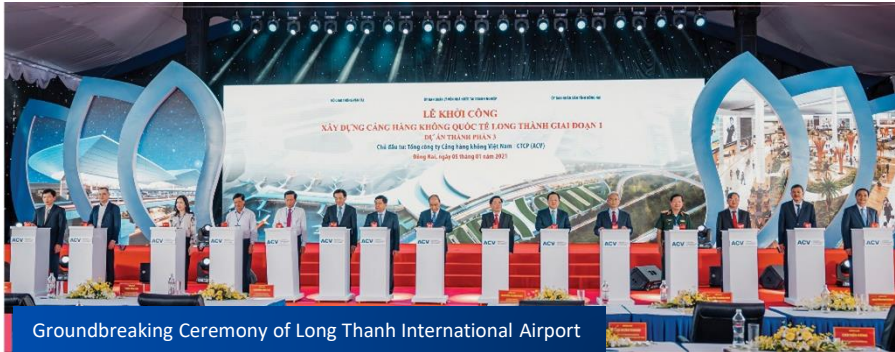
Phase
03

2035-2040
Constructing and completing runway No.03, runway No.04, T3 & T4 Passenger Terminal and auxiliary items to ensure the designed capacity of 100 million passengers/ year and 5 million tons of cargo/ year.

Long Thanh, Dong Nai
42 km away from HCMC

4F International Airport (ICAO standards)

Total area:
5,000 ha

Perspective drawing of Passenger Terminal - Long Thanh International Airport

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LONG THANH INTERNATIONAL AIRPORT PROJECT

Groundbreaking Ceremony of Long Thanh International Airport

MILESTONES PHASE 1

2015 - 2019
Completion of feasibility study report Phase 1

2020 - 2023
Preparation of construction investment procedures, project implementation

2023 - 2026
Commencement of construction and completion of Phase 1

From 2026
Put Long Thanh International Airport into operation

LONG THANH INTERNATIONAL AIRPORT PROJECT

Investmeht Phase 01

4.000m

75m

Runway

4 FLOORS

Passenger Terminal
373,000 m²

Auxiliary items

Apron with 64 positions

Air traffic control tower - 123 m

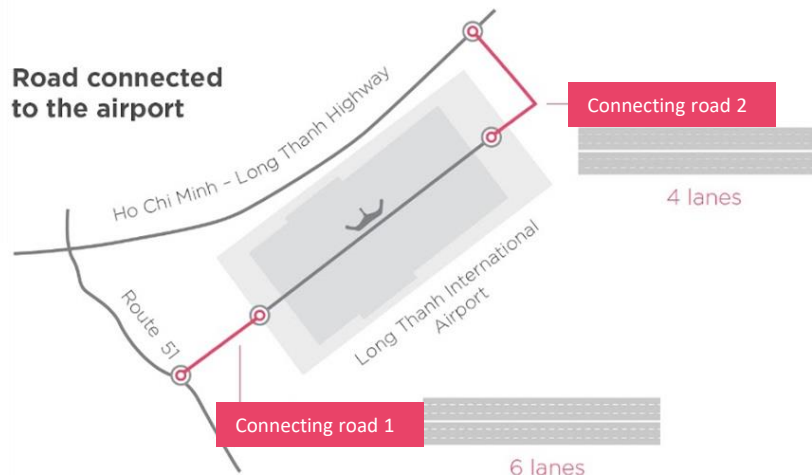Parking lot of 3,500 parking positions

Catering area with 40,000 meals/day

Aircraft maintenance facilities

Fuel station and waste disposal

Road connected to the airport

Ho Chi Minh – Long Thanh Highway

Connecting road 2

4 lanes

Route 51

Long Thanh International Airport

Connecting road 1

6 lanes

THANK YOU!