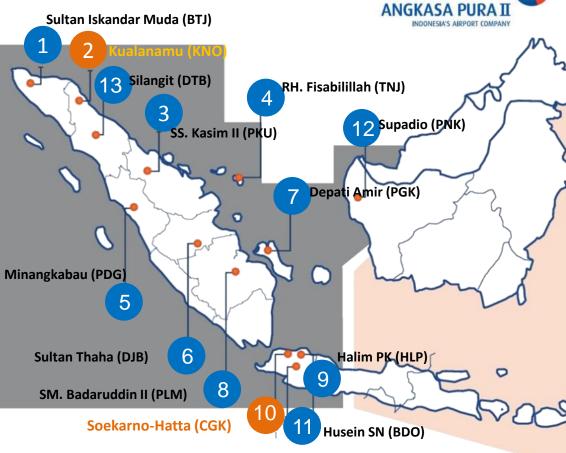




## **COMPANY PROFILE**



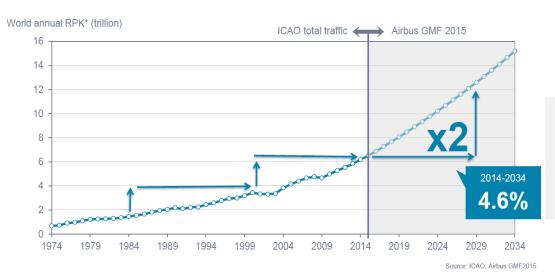


PT Angkasa Pura II (Persero) is one of the State-owned enterprises in the Department of Transportation engaged in the airport services and airport related services in Western part of Indonesia. Currently, Angkasa Pura II operates 13 airports in which one of its airport, Soekarno Hatta International Airport as the Main Hub Airport in Indonesia.



### AIRPORT CHALLENGES





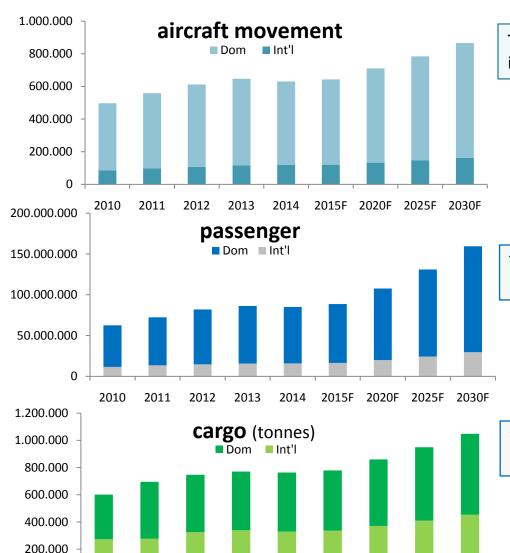
ICAO and AIRBUS statistics data of world air traffic growth described that every 15 years the growth has doubled. The world annual traffic growth is projected approximately to 4.6% for next 20 years and by 2014 to 2034



Total passenger traffic at Indonesian airports is forecast to increase from 20 million passengers per annum (mppa) in 1995 to 193 mppa in 2014, an AAGR of 14.8%. The ratio between Domestic and International passengers to the total passenger in 2014 is approximately 85% (Domestic) and 15% (International).



## AP II's STATICTICS 2010-2030(F)



Total Aircaft movement of AP II airports is forecast to increase approx. **866 thousand movements** in 2030

Total Passenger of AP II airports is forecast to increase approx. **159,5 million passengers** in 2030

Total Cargo of AP II airports is forecast to increase approx. **1048,6 million tonnes** in 2030

2011

2012

2013

2014

2015F

2020F

-2025F---2030F

## SYSTEM DEVELOPMENT OF AIRPORT



Airport as a facilities for take off - landing aircraft and activities in between (embarks and disembarks)

1980 and before



Airport as business unit (cost recovery)

1990's



Airport as business center

2000's



Airport as business center with customer satisfaction as the main goal

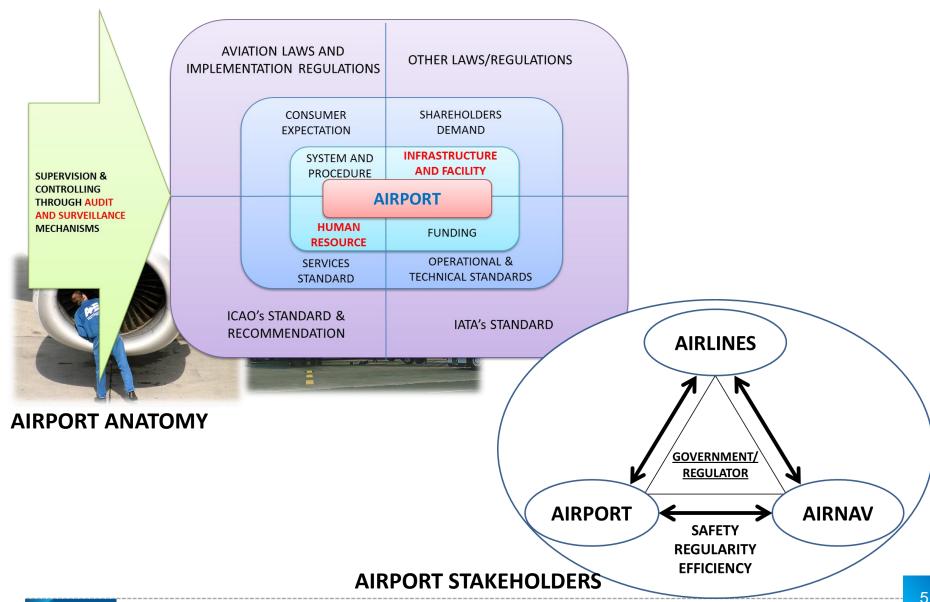
2010



Airport as the economic engine growth by developing business community surrounding the airport/aerotropolis

Current condition and future

### **AIRPORT ANATOMY & AIRPORT STAKEHOLDERS**





### AIR TRANSPORT BENEFITS

### Air transport is a major global employer

The air transport industry generates a total of 32 million jobs globally:

### 5.5 million direct jobs

- The airline and airport industry directly employ 4.7 million people globally.
- The civil aerospace sector (manufacture of aircraft systems, frames and engines, etc.) employs 780,000 people.
- **6.3 million indirect jobs** through purchases of goods and services from companies in its supply chain.
- **2.9 million induced jobs** through spending by industry employees.
- **17.1 million jobs** through air transport's catalytic impact on tourism.

Source: The Economic & Social Benefits of Air Transport, ATAG,2008

## AIRPORT AS MAJOR ECONOMIC GROWTH ENGINE

- **➢ Economic growth engines** & a reflection of respective communities
- Passenger traffic reflects level of economic development, demographics, business activity, and tourism
- Cargo volume is an indication of economy strength
- ➤ Land development on and/or near airport sites generates additional economic activity



## **FUTURE AIRPORT CONCEPTS**



### Time-Efficient

→ to maximise the efficiency and effectiveness of air transport operations

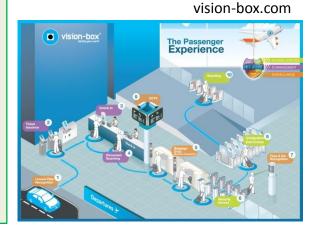
### Cost-Effective

→ to reduce the operating cost and optimal revenues.

### **Ultra-Green**

→ to create a sustainable airport regarding energy needs, climate-neutral operations, and noise exposure limitations

sources: cordis.europa.eu



The CAP Strategic Research, a company conducts market research and marketing consultancy for the Aviation industry, concluded that Airports will change radically over 15 years (2025-2030) in oder to improve passengers and airlines satisfaction. The study also predicted that the following predictions will realized in the future.



• No check-in desks at airports

No emigration procedure

• No shops at airports, just showrooms

No security checks for "Trusted Travellers"

Nocheck-in luggage at airports

• New in placedboarding procedures

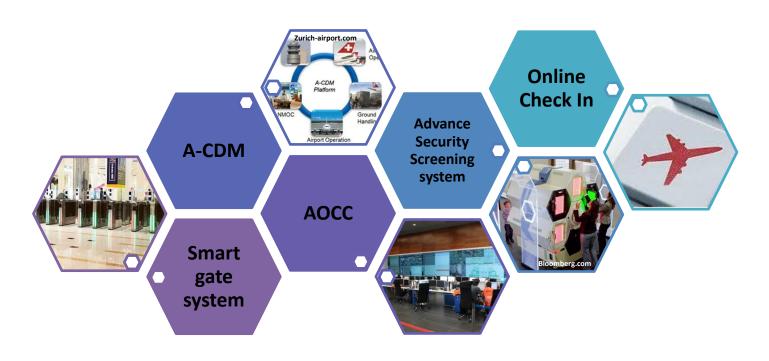
No immigration on arrival

Airports operate 24 hours a day

Source: capstrategicresearch.com



## IT IMPLEMENTATION AT THE AIRPORT

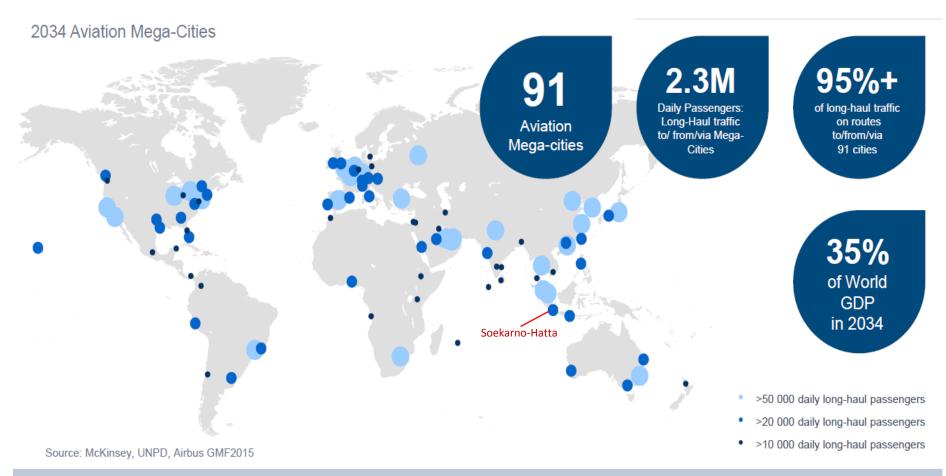


In the context of an environment which is likely to be more mobile, social and intelligent, the IT implementation could help airport operators serve future travellers and take advantage of expected future developments in travel technology.

In addition, the implementation of IT could help the operator anticipates due to rapidly growing ASEAN economies which affect boom demand for 3T service sectors (Transportation, Telecommunication, and Tourism)



## 91 MEGA CITIES BY 2034



**MAIRBUS** 

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# SOEKARNO-HATTA AS ONE OF THE WORLD BUSSIEST AIRPORT

### SOEKARNO-HATTA AIRPORT WORLD BUSSIEST RANK (PASSENGER TRAFFIC IN 2012-2014)

YEAR	RANK	PAX TRAFFIC	% GROWTH
2011	12	51.5 million	+ 16.2%
2012	9	57.7 million	+ 14.4%
2013	10	59.7 million	+ 3.4%
2014	12	57.0 million	- 4.8%



No. 5th busiest airport in the Asia Pacific (in 2014):

#1 Beijing Capital Int' I Airport

#2 Haneda Int' I Airport

#3 Dubai Int' I Airport

#4 Hongkong Int' I Airport

#5 Soekarno Hatta Int' I Airport

Soekarno Hatta International Airport #1 busiest airport in Asean

## AP II FUTURE AIRPORT PROGRAM



#### **EFFECTIVE & EFFICIENT AIRPORT OPERATIONS**

• E-kiosk, Mobile applications, bagagge handling system, advanced technology implementation, old facilities refurbishment



#### **ENVIRONMENTAL SUSTAINABILITY**

• Eco Airport masterplan, Green Terminal Building construction and assessment, Water & waste treatment, Emission reduction by Renewable energy implementation, Energy management



### INFRASTRUCTURE DEVELOPMENT

•New Airport construction, Terminal capacity development, Airside capacity improvement, new Runway construction/expansion



### SAFETY AND SECURITY IMPROVMENT

• Risk Management (hazard identification, reporting & investigations), Promotion (training, campaign, communication), Assurance (performance monitoring, Audit/Assessment)



## AP II'S AIRPORT PROJECT DEVELOPMENTS



Operates Juli 2013

KUALANAMU (MEDAN)
Year of dev't: 2007-2014



SOEKARNO-HATTA (JAKARTA)
Year of dev't: 2012-2021



SSK II (PEKANBARU) Year of dev't : 2009-2014



SMB II (PALEMBANG) Year of dev't : 2012-2017



RH FISABILILLAH (TJ.PINANG) Year of dev't: 2009-2014



SULTAN THAHA (JAMBI) Year of dev't : 2011-2016



**DEPATI AMIR (PG.PINANG)** Year of dev't : **2011-2016** 



HUSEIN ST (BANDUNG)
Year of dev't : 2014-2016



SUPADIO (PONTIANAK)
Year of dev't: 2011-2016



SILANGIT (MEDAN)
Year of dev't: 2013-2016



### THE CONCEPT OF AEROTROPOLIS KUALANAMU DEVELOPMENT

- □ Aerotropolis is the Regional Economic Development with Airport as key Driver with comprehensive well connected stakeholders and business through airport planning, urban planning, and business planning;
- Aerotropolis Kualanamu aim to increase competitiveness of Western part of Indonesia through decrease logistics cost and well connected business and economic activities with concern on Speed (guaranteed time travelling), Connectivity (infrastructure) and Agility (ability to respon);
- □ The Super Corridor of Aerotropolis Kualanamu along with existing Belawan Sea Port, upcoming Kuala Tanjung Sea Port and industrial hinterland area give a competitive advantaged for future development;
- ☐ In general, the Aerotropolis development radius within 30 km from airport.

### **Old Fashioned**

- ☐ Facilitator : Aircraft, Passanger & Cargo.
- Support the City and the hinterland passively.
- ☐ The Airport is "an island".



**City Airport** 

Airport is the passive facilitator

### New Paradigm

- Node of Economy (Trade, Business Commercial, & Industry) Generator.
- ☐ Airport City : Merge with the city.



Airport is the active driver for the the city and the regional economic development.

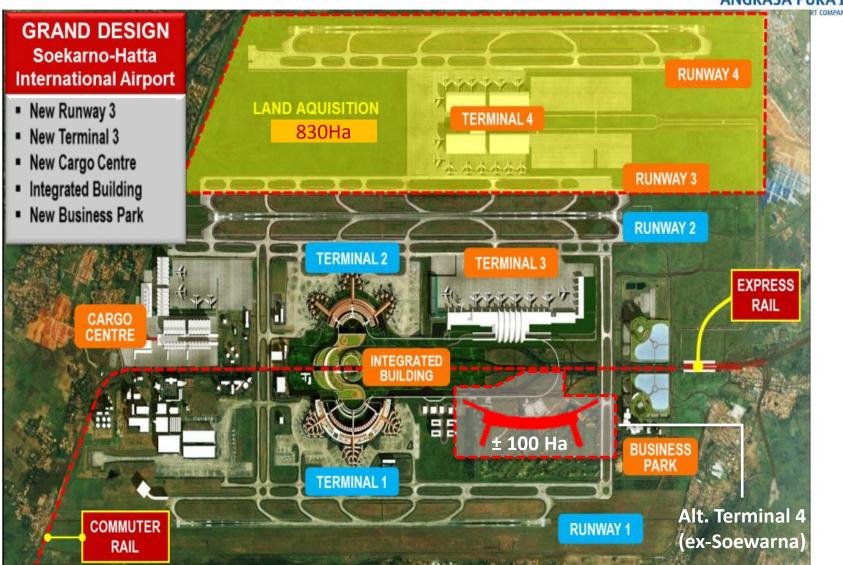


Fource: Anggadinata, Center for Logistics and Supply Chain Studies, 11B, 2014



## **GRAND DESIGN OF SOEKARNO-HATTA AIRPORT**



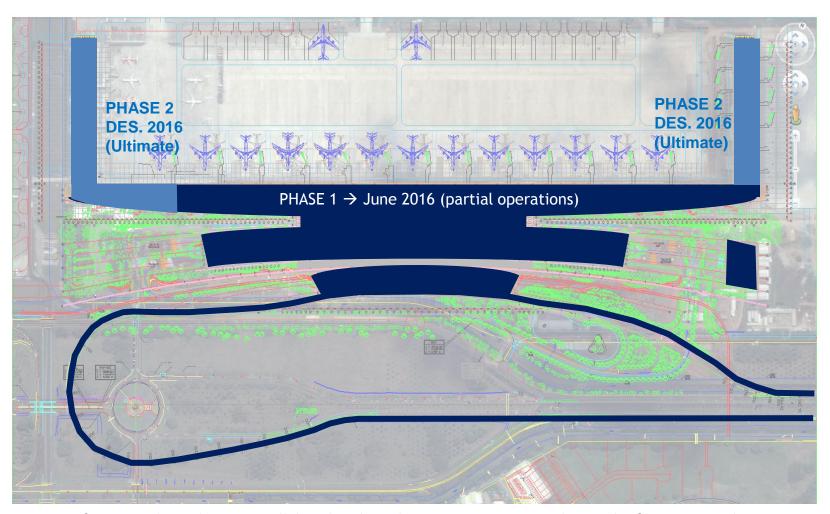


PMN/ Equity Injection: Rp. 4 T (2015: 2 T, 2016: 2T): For Land Acquisition ± 200 Ha



## SOEKARNO-HATTA AIRPORT T3-ULTIMATE DEVELOPMENT





The capacity of Terminal 3 Ultimate will be developed up to 25 MPA in the end of 2016. Total capacity development of Grand Design Soekarno-Hatta of 62 MPA in 2017 (including T1 and T2 revitalizations). The new Terminal 4 construction is one of the program to handle future traffic demand in 2020.



## **RUNWAY 3 CONSTRUCTION**



Operates : Y2018

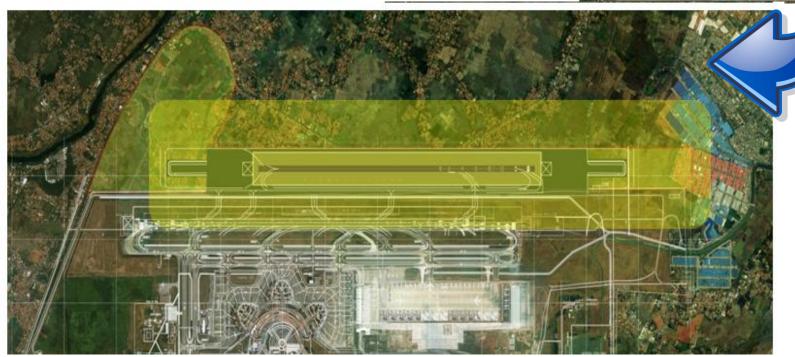
Dimension : 3000 x 60m

Construction : Rigid Location : North

In 2018, Soekarno-Hatta aircraft movement traffic is projected to increase approx. 420 mov't per annum.

The new 3rd Runway construction is aim to improved airside capacity of Soekarno-Hatta Airport from 86 to > 100 movements/hour











THANK YOU