

ASEAN's Perspective on Airport Sustainability:

Airports of Thailand PLC.

Jakrapop Charatsri

Vice President

Airports of Thailand PLC.



GREEN AIRPORTS



Talking Points

2

ASEAN's Focus



3



GREEN AIRPORTS

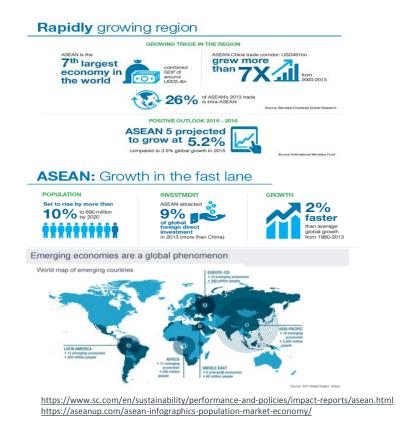


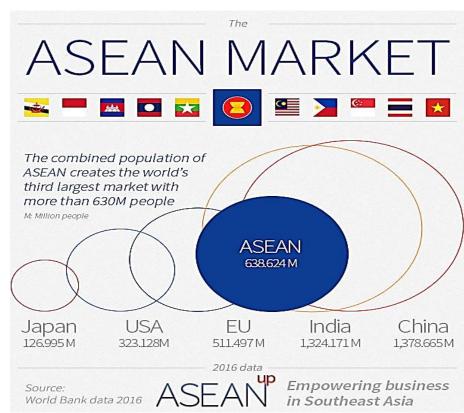


ICAO ENVIRONMENT

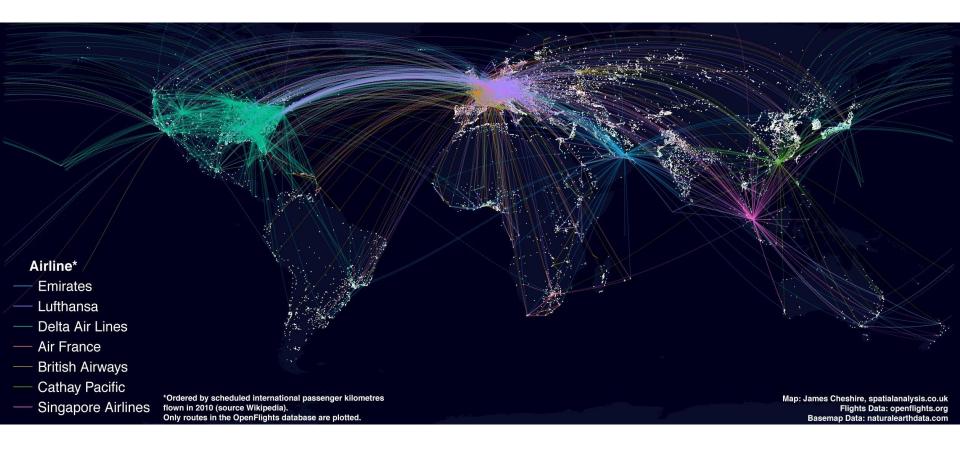
ICAO SEMINAR ON GREEN AIRPORTS

ASEAN: a growing region



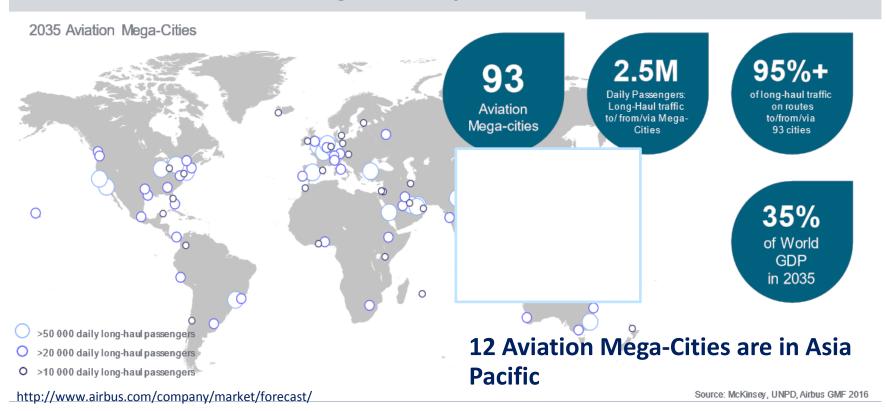


ASEAN Plus++



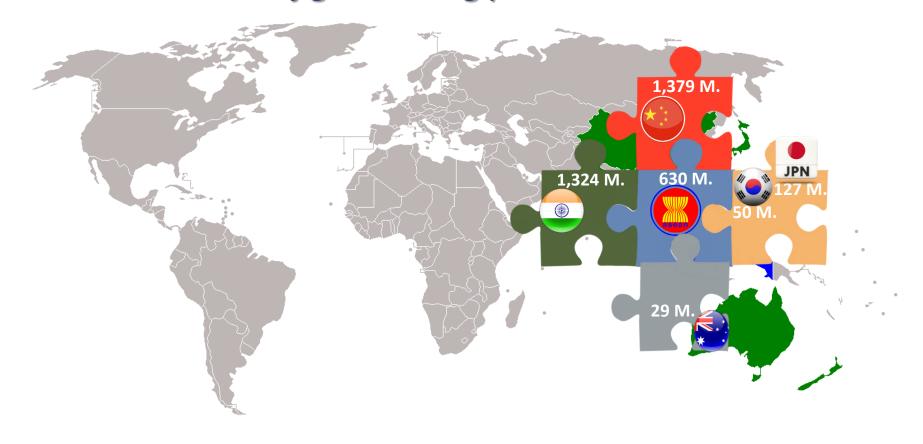
ASEAN Plus++ a jigsaw of big picture

There will be 93 Aviation Mega-Cities by 2035





ASEAN Plus++ a jigsaw of big picture





ASEAN Single Sky



Many Miles to go

The Open Skies policy, known as the ASEAN Single Aviation Market (ASEAN-SAM), is intended to increase regional and domestic connectivity, integrate production networks and enhance regional trade by allowing airlines from ASEAN member states to fly freely throughout the region via the liberalization of air services under a single, unified air transport market.



ASEAN International Airport Association



ASEAN International Airport Association: AAA

a focal point of ASEAN Airport to work collaboratively in technical sharing and policy making which address the needs and limitations of each member country in order to unify working procedures for the better airport management in ASEAN Community



Environmental Working Group: AAA-EWG

A special platform set up by AAA members to work for airport environmental management.

ASEAN's Focus







Airport Profile



ICAO SEMINAR ON GREEN AIRPORTS

Airports of Thailand Plc.



ICAO SEMINAR ON GREEN AIRPORTS

Connecting World Destination



Airports of Thailand Plc.

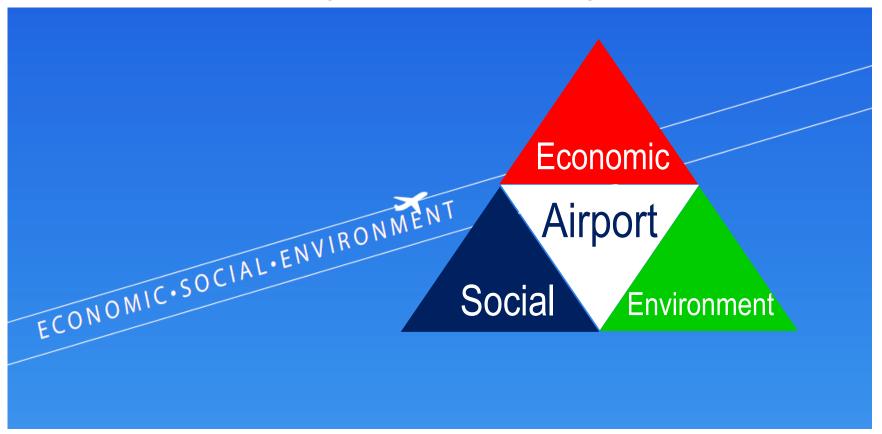


12.30%

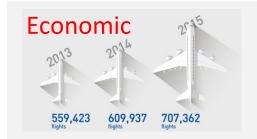
Total passenger volume (persons) Growth



Airport Sustainability



Airport Sustainability





- ☐ Creating & Delivering Values to Stakeholders
- Expanding & Strengthening Airport Network
- ☐ Supporting National & Regional Economic Gateway



"being a good neighbor"

- Corporate Social Responsibility
- Airport Environmental Fund
- ☐ Engagement with stakeholders



"Green Airport Green Destination"

- ☐ Green Design
- ☐ Green Initiatives
- ☐ Low CO₂ Airport : ACA ACI



ICAO SEMINAR ON GREEN AIRPORTS

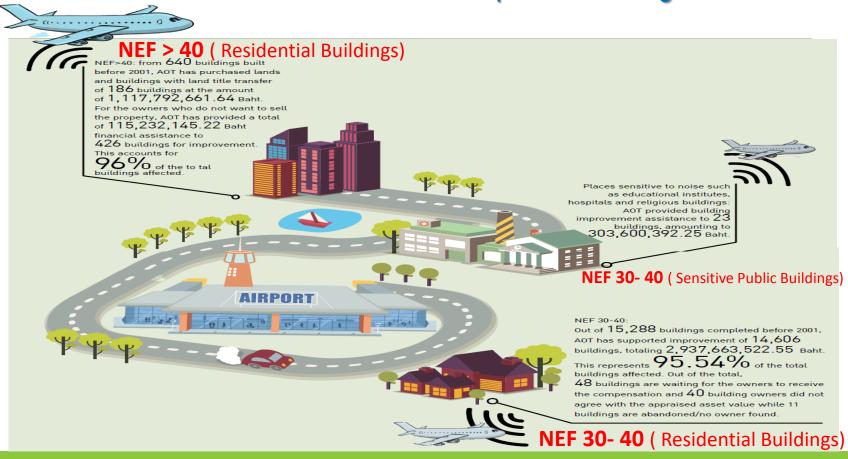
Economic: Airport Experience







Social: Noise Compensation Program



Social & Community Engagement

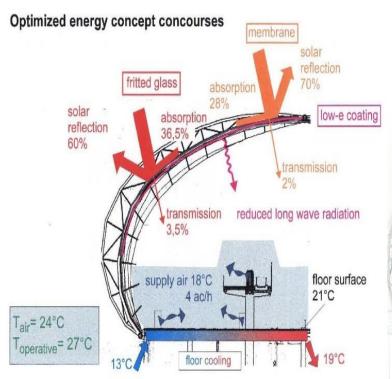




ENVIRONMENT

ICAO SEMINAR ON GREEN AIRPORTS

Environment: Green Buildings



Suvarnabhumi Airport (BKK)



Aviation Biofuel THAI First Flight with Biofuels Figure Aviation

Environment: Renewable Energy

Policymakers and industry stakeholders meet to discuss setting up sustainable aviation fuel industry in Southeast Asia
The roadmap would target key stakeholder groups and provide recommended actions on

- priority commercialization initiatives;
- promising regional feed stocks and technologies;
- priority research and development efforts;
- supply chain gaps and barriers to be removed; and
- best practices for de-risking investment

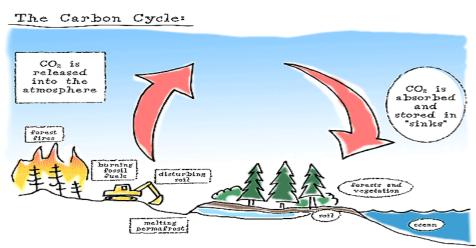






ENVIRONMENT

ICAO SEMINAR ON GREEN AIRPORTS

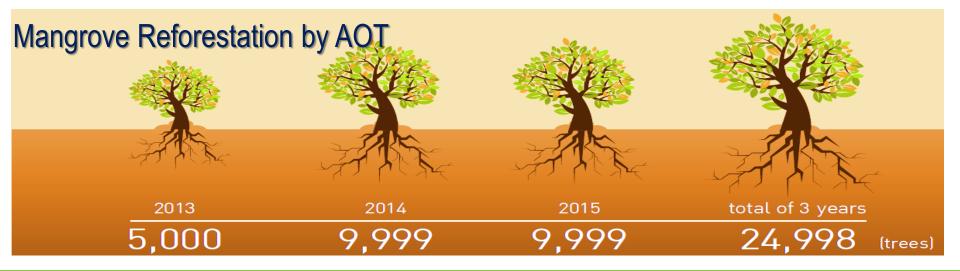


Environment: Carbon Sink

A **carbon sink** is a natural or artificial reservoir that accumulates and stores some carbon-containing chemical compound for an indefinite period. The process by which carbon sinks remove carbon dioxide (CO_2)

from the atmosphere is known as carbon sequestration.

Source: https://en.wikipedia.org/wiki/Carbon_sink





ENVIRONMENT

ICAO SEMINAR ON GREEN AIRPORTS

Environment: Airport Carbon Footprint 2015-16





BKK Suvarnabhumi Airport



DMK
Don Mueang
International Airport



HKT
Phuket International
Airport



CNX Chiang Mai International Airport



CEI

Mae Fah Luang
Chiang Rai
International Airport



HDY Hat Yai International Airport

1.72

1.46

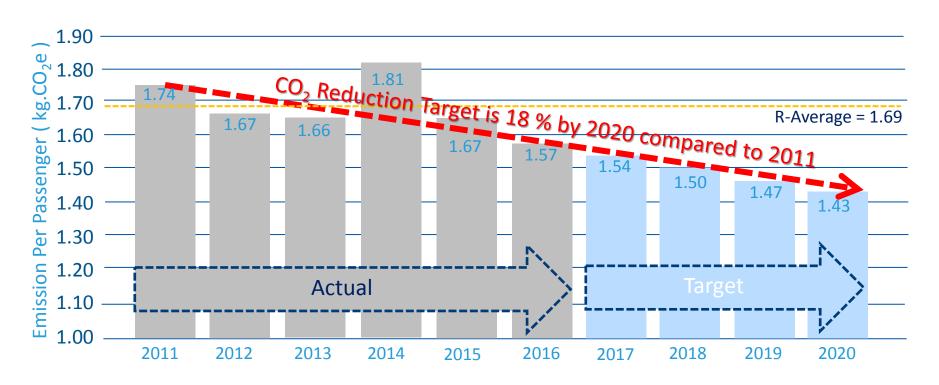
1.04

1.30

0.84

(Kg CO₂ per passenger)

Environment: AOT's CO₂ Reduction Target

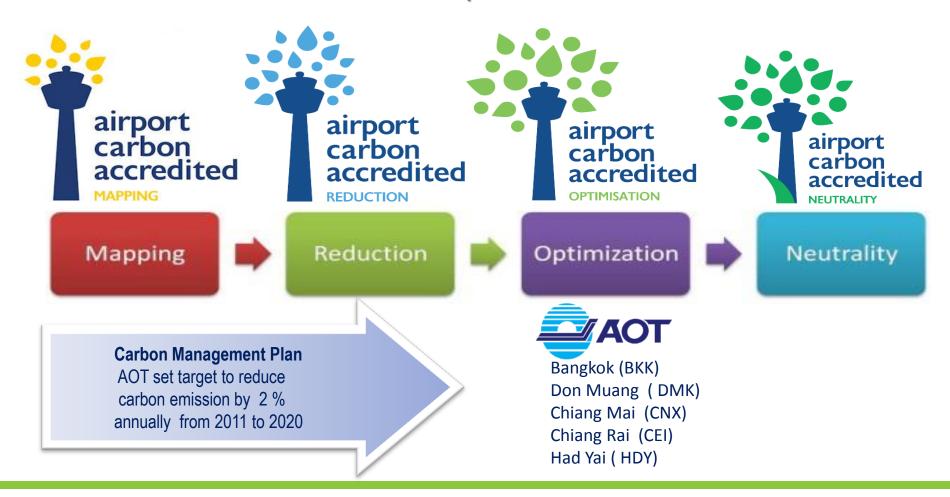




ENVIRONMENT

ICAO SEMINAR ON GREEN AIRPORTS

Environment : ACI Airport Carbon Accreditation



ICAO SEMINAR ON GREEN AIRPORTS

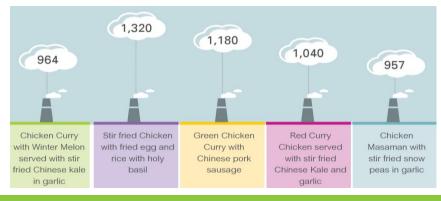
Environment: Airline's Green Initiatives





THAI, PTT, AEROTHAI and Boeing move ahead with the "Aviation Biofuels Sustainable Project"

Thai Airways International Public Company Limited (THAI) together with PTT, Aeronautical Radio of Thailand (AEROTHAI) and The Boeing Company have joined forces to develop aviation biofuels in an effort to reduce global warming.





Carbon Footprint in Menu Choices

THAI Airways was the first airline to introduce carbon footprint information for its menu on board in 2009

ICAO SEMINAR ON GREEN AIRPORTS

Conclusion





Thank you

Jakrapop Charatsri

Vice President

Airports of Thailand PLC.

Jakrapop.ch@airportthai.co.th