

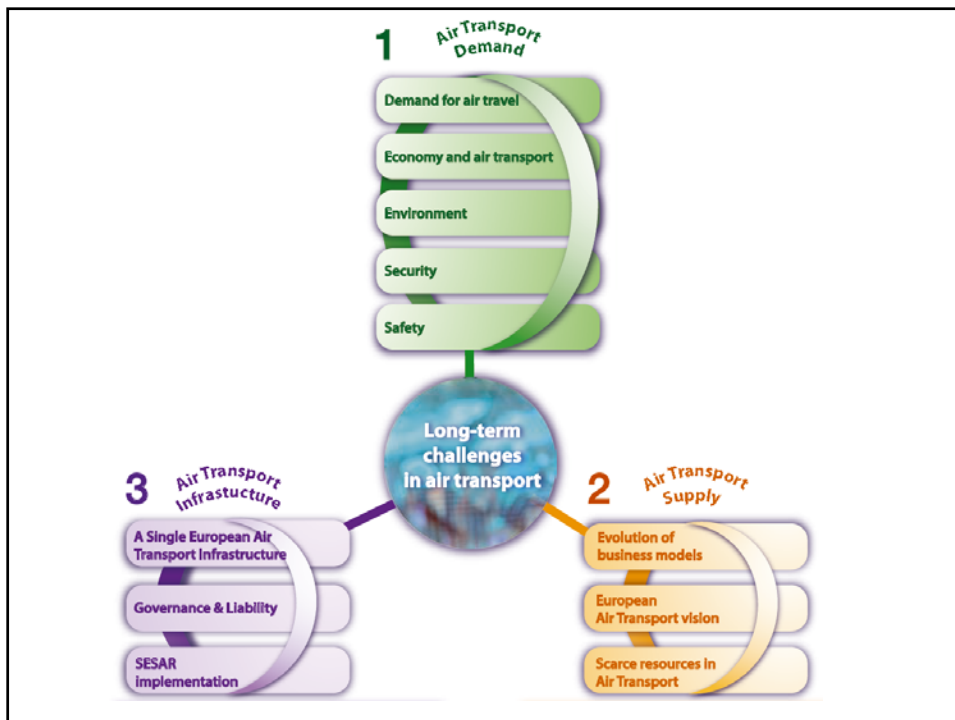


# Word Trends in Air Transport Development -Global Market Forecast 2030

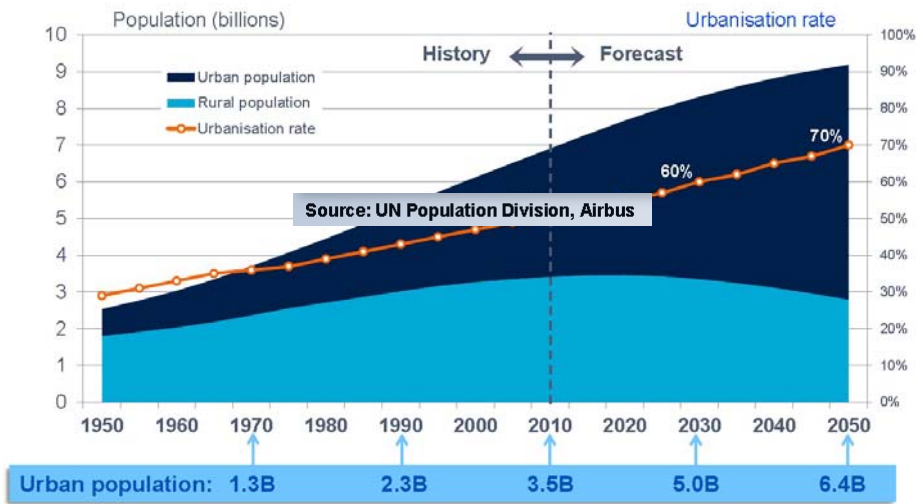
**Igor Kabashkin**

*Dr.hab.sc.ing., Professor, President*

*Transport and Telecommunication Institute (Riga, Latvia)*



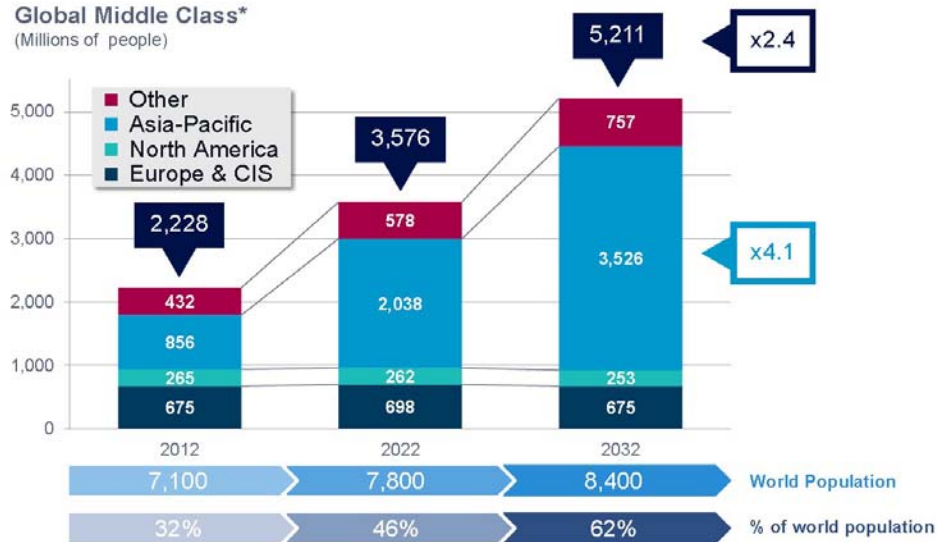
# World urban population



Source: UN population Division, Airbus

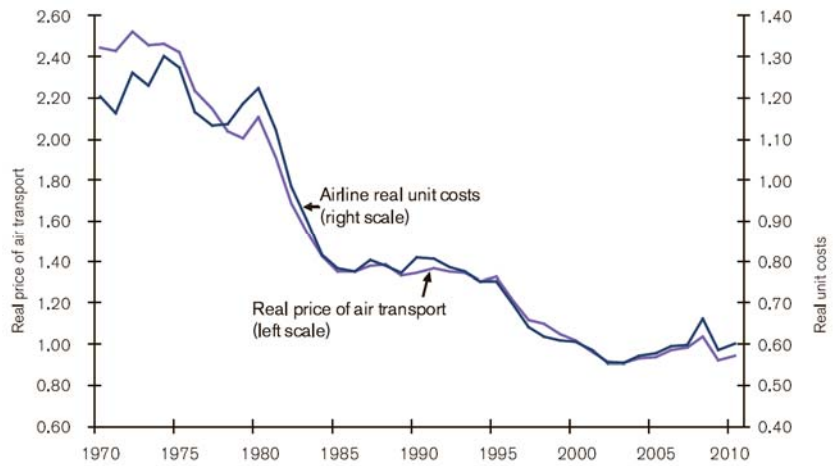
# Global Middle Class

Global Middle Class\*  
(Millions of people)



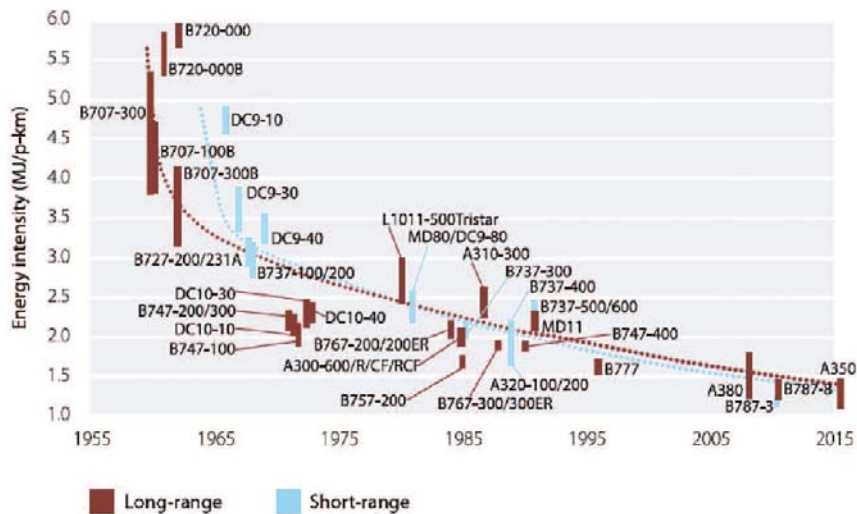
Source: OECD, Airbus

## The real cost of air transport



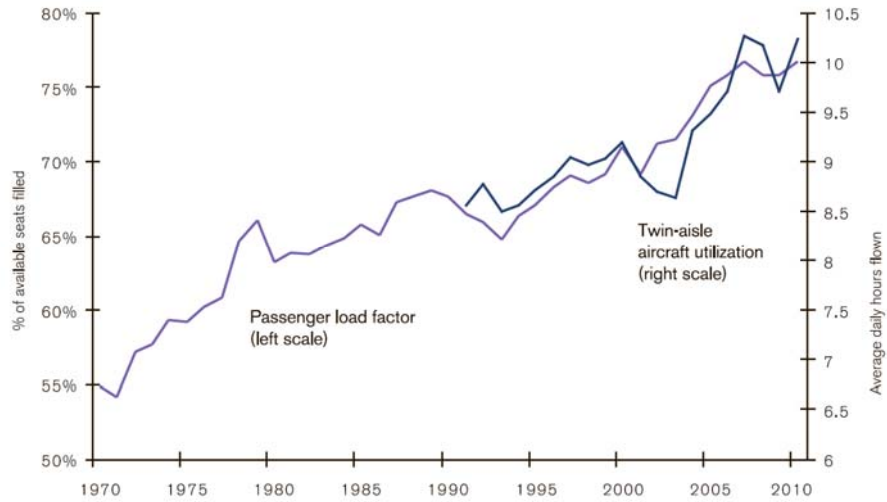
Source: ICAO, IATA

## Fuel efficiency of new aircraft



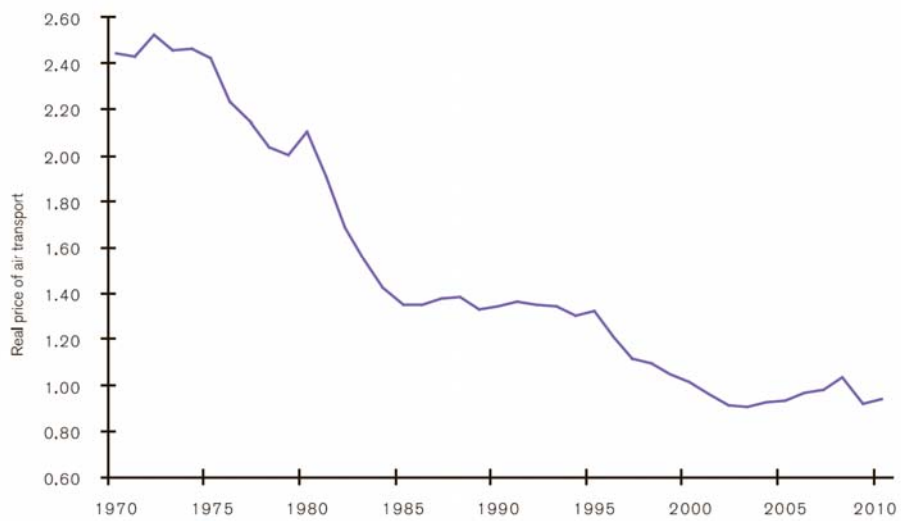
Source: Lee

## Aircraft asset utilization



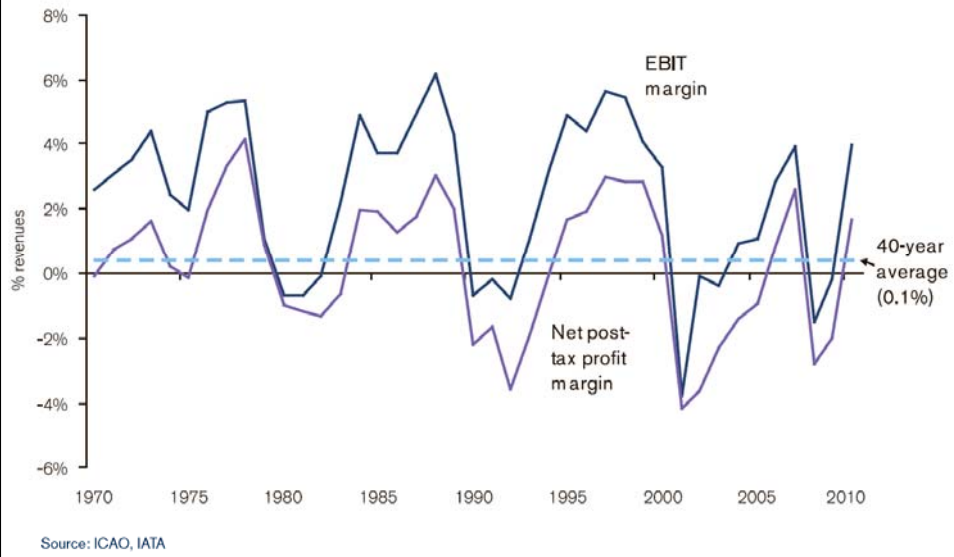
Source: ICAO, ACAS

## The real price of air transport

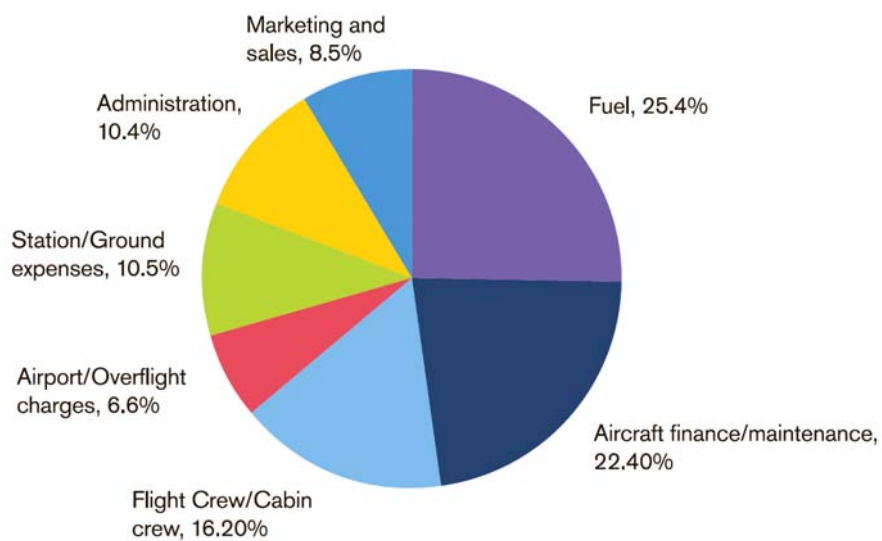


Source: ICAO, IATA

## Airline profitability over the past 40 years



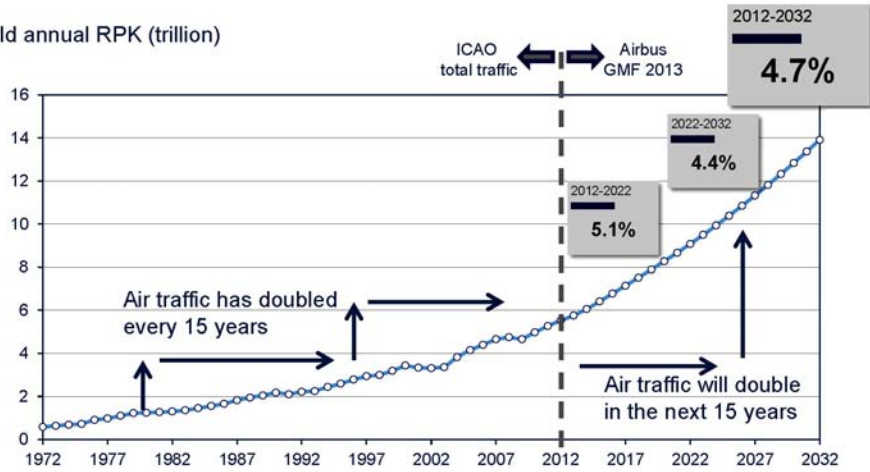
## Breakdown of airlines' total operation costs



Source: Doganis, 2010

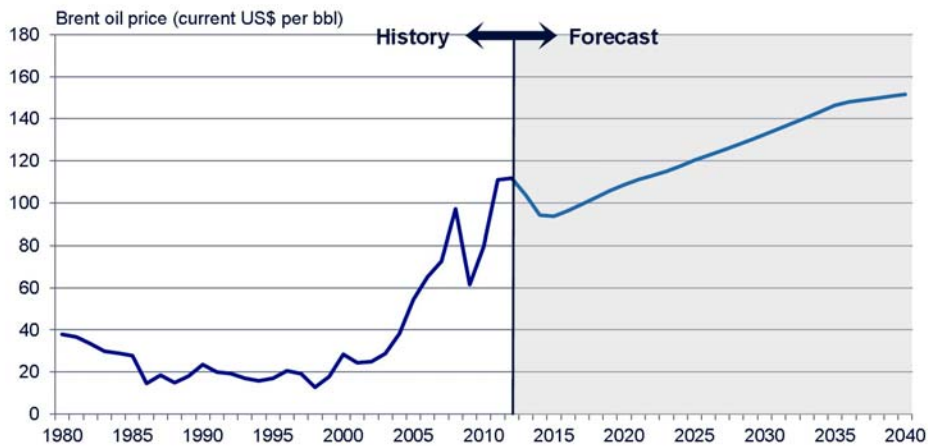
## Traffic will double in the next 15 years

World annual RPK (trillion)



Source: ICAO, Airbus

## Oil price forecast



Source: EIA, IHS, CERA, Airbus

# Aviation Mega-Cities, 2012

2012 Aviation Mega-Cities

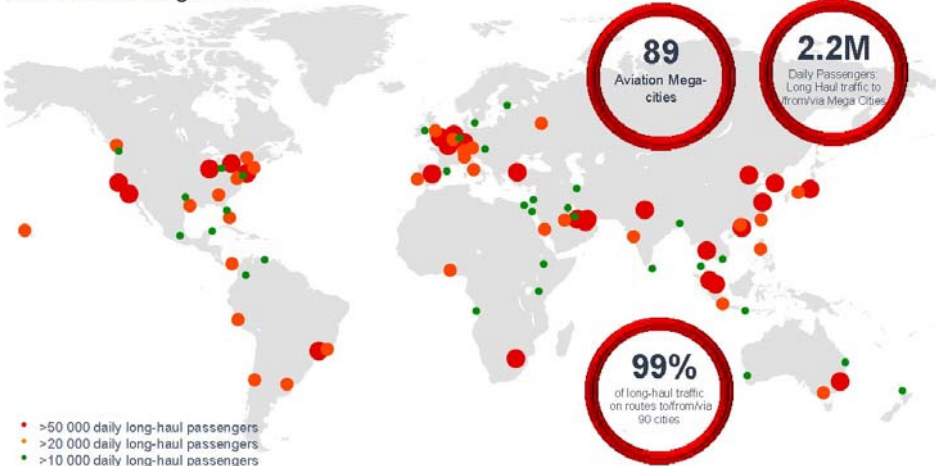


Long-haul traffic is concentrated on a few main aviation centres

Source: CMF 2013

# Aviation Mega-Cities, 2032

2032 Aviation Mega-Cities

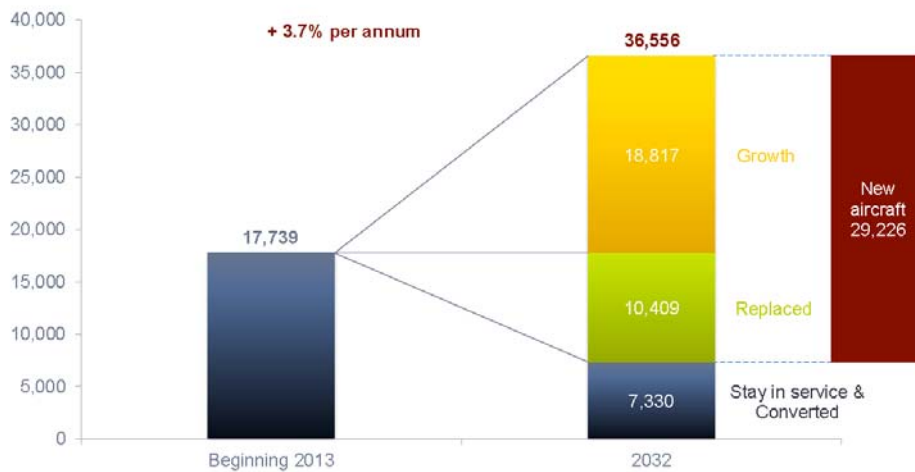


Long-haul traffic is more and more concentrated on main aviation centres

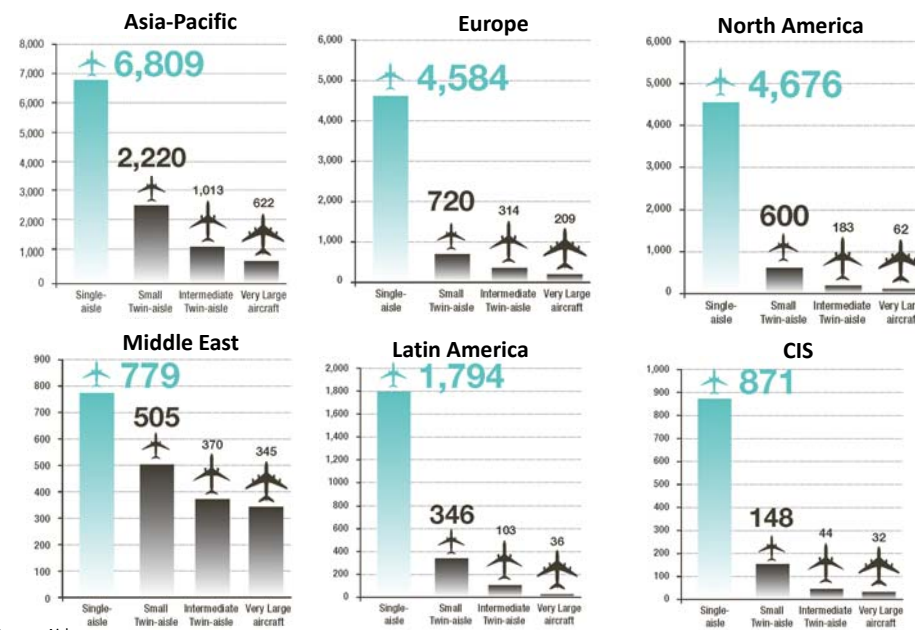
Source: CMF 2013



# Fleet in service



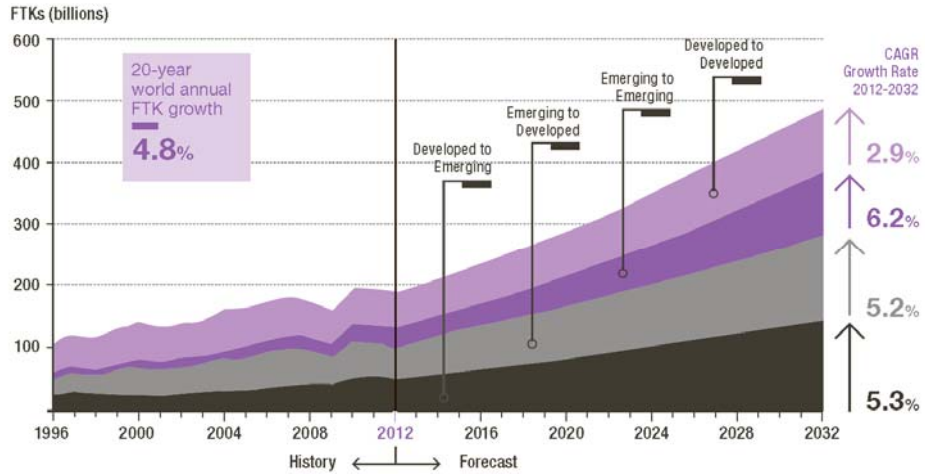
# Number of new aircraft



Source: Airbus

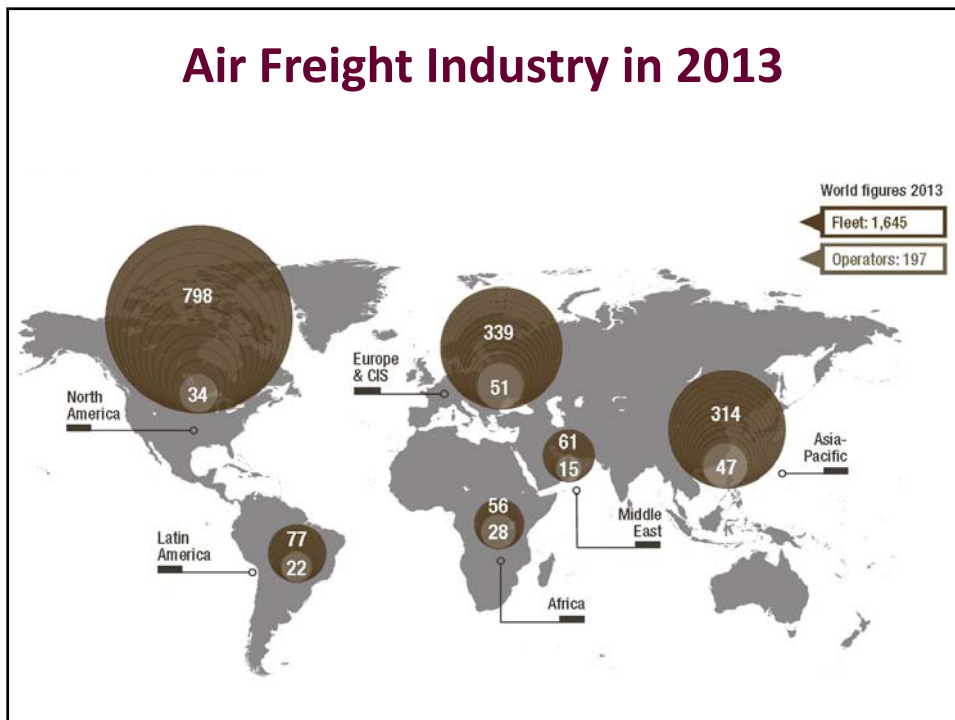


# Freight traffic

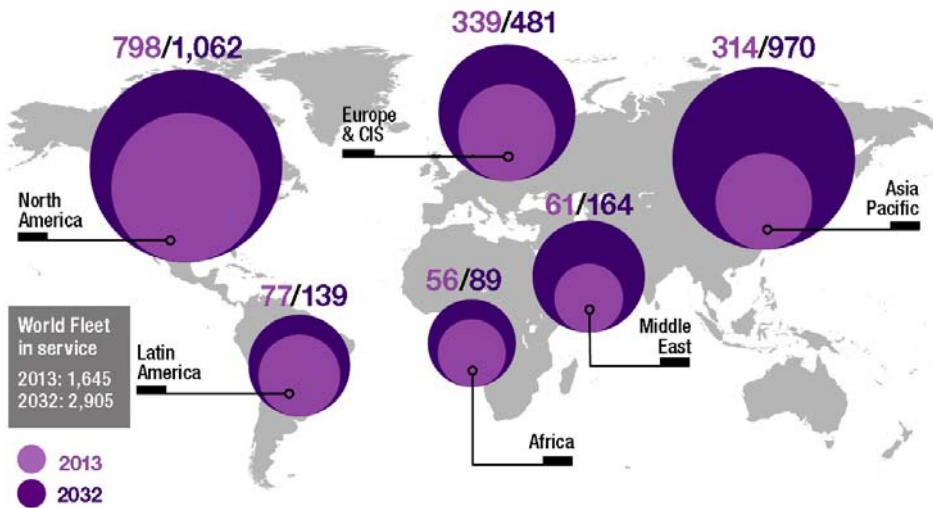


Source: IATA, Seabury, US DOT, CAAC, Airbus

# Air Freight Industry in 2013

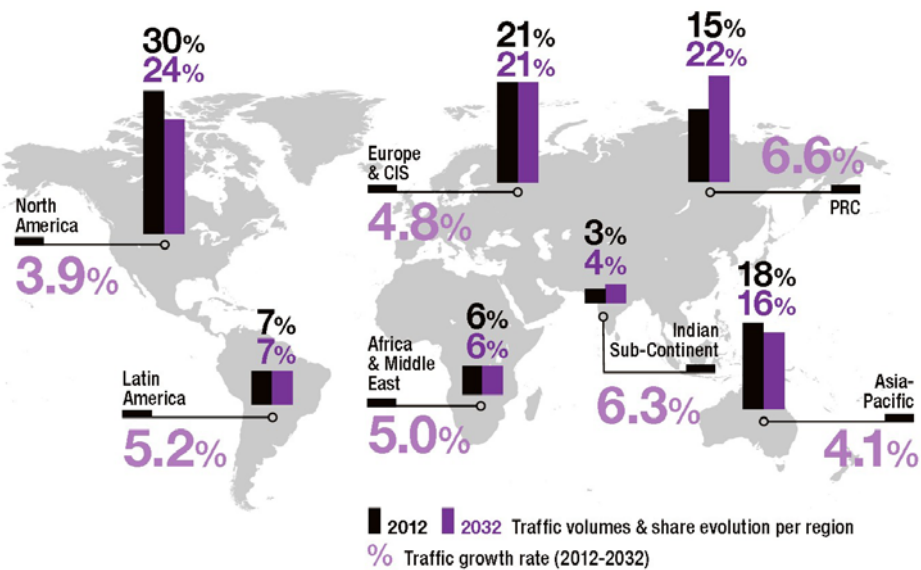


## Freighters Fleet in Service



Source: ASCEND, Airbus

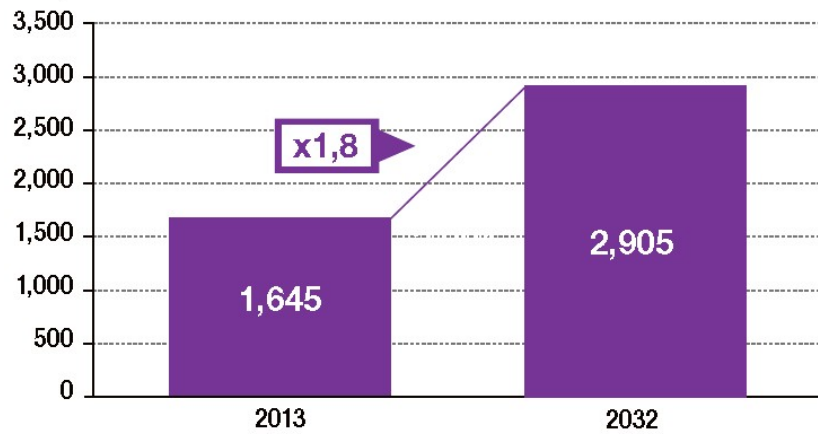
## The Cargo Market Centre of Gravity



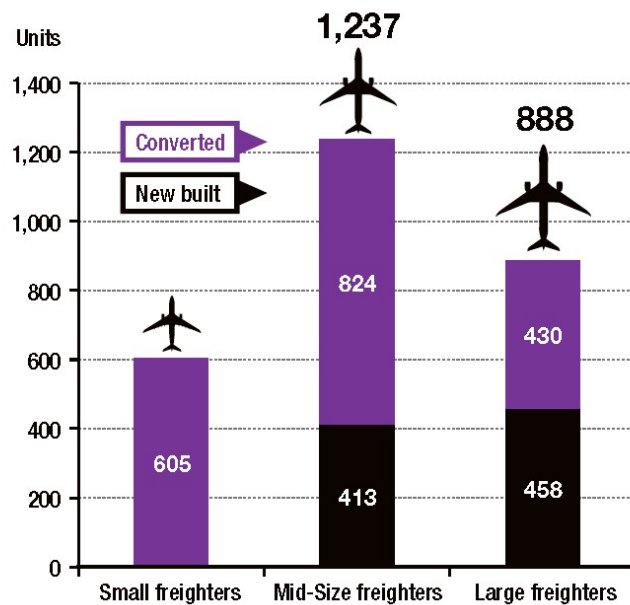
Source: Airbus

### FREIGHTER FLEET TO NEARLY DOUBLE OVER THE NEXT 20 YEARS

Freighter Aircraft Fleet



### OVER 870 NEW-BUILT AIRCRAFT WILL BE REQUIRED DURING THE NEXT TWO DECADES





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