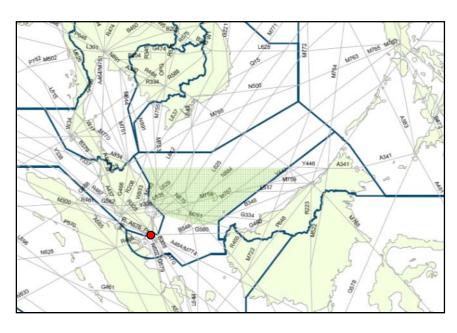
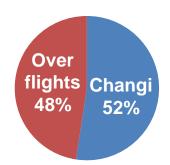


## Air Traffic Management in Singapore



662,000 (2014) Total Movements Changi - 341,400



Area Control Centre
7 En-route Sector



Approach Control Centre



Air traffic control towers

- Changi
  - Seletar

Contiguous boundaries with Area Control Centres

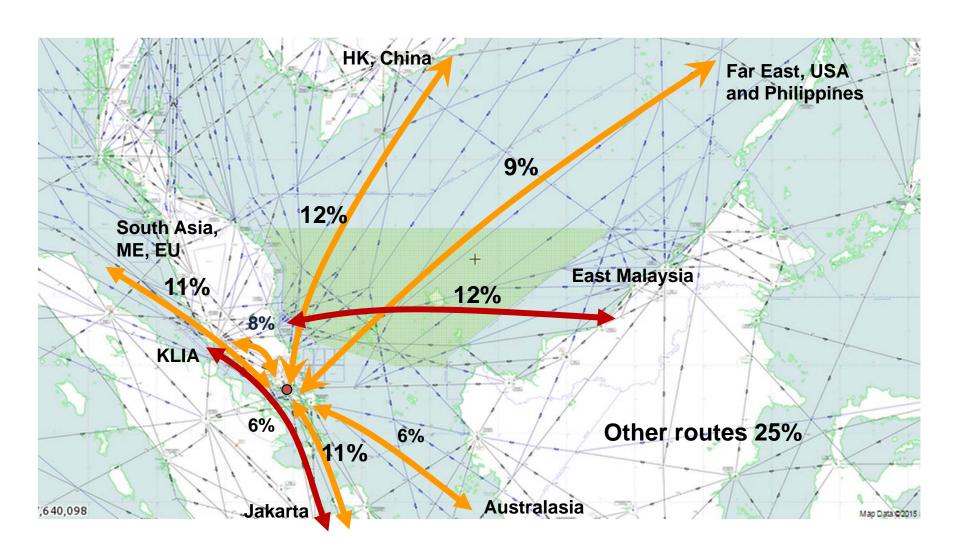
- Bangkok
- Ho Chi Minh
- Jakarta
- Kuala Lumpur
- Kota Kinabalu
- Manila

350
Air Traffic Controllers



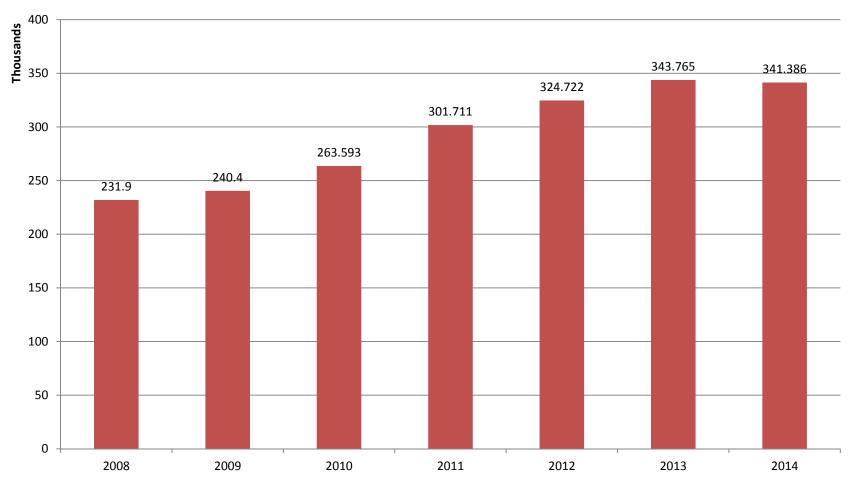


# **Major Traffic Flows in Singapore FIR**





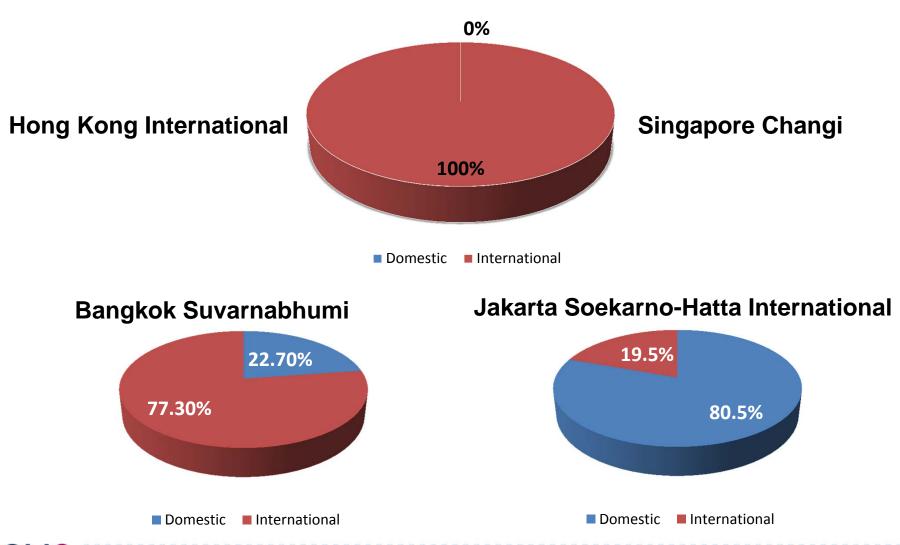
### Air Traffic Volume at Changi



Source : Changi Airport Group through CAPA



### **Composition of Air Traffic – Int'l vs Domestic**





#### **ATFM Around the World**











# How do we deal with these?







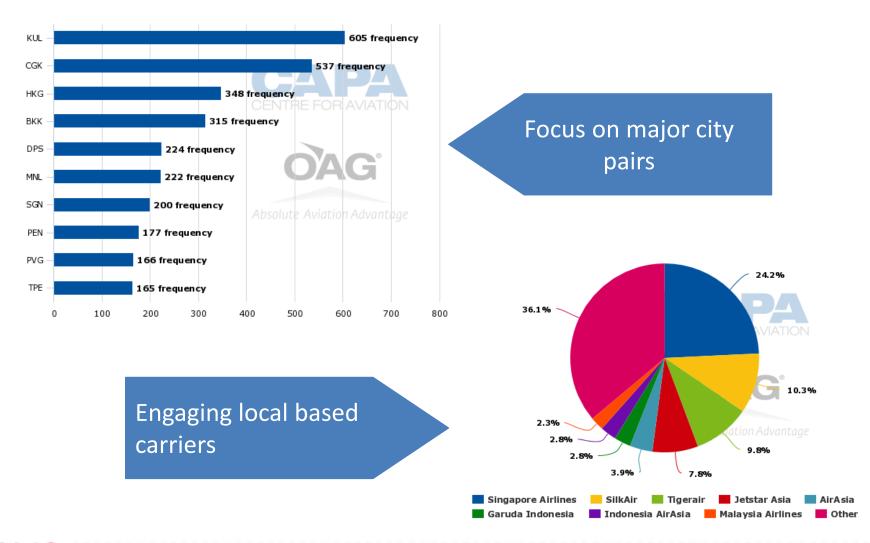


# **ATFM Concept for the Region**



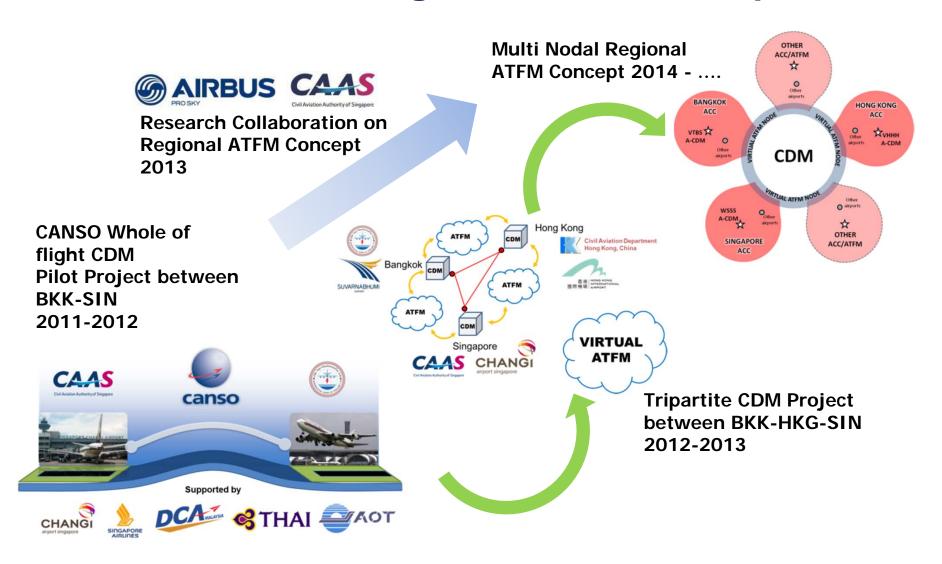


### Managing International Flights at Changi





### **Evolution of the Regional ATFM Concept**





# Collaboration; Key to Cross-Border ATFM



Photo credit: NATS UK

