



# INNOVATION IN THE SKY

## AIR NAVIGATION SERVICES

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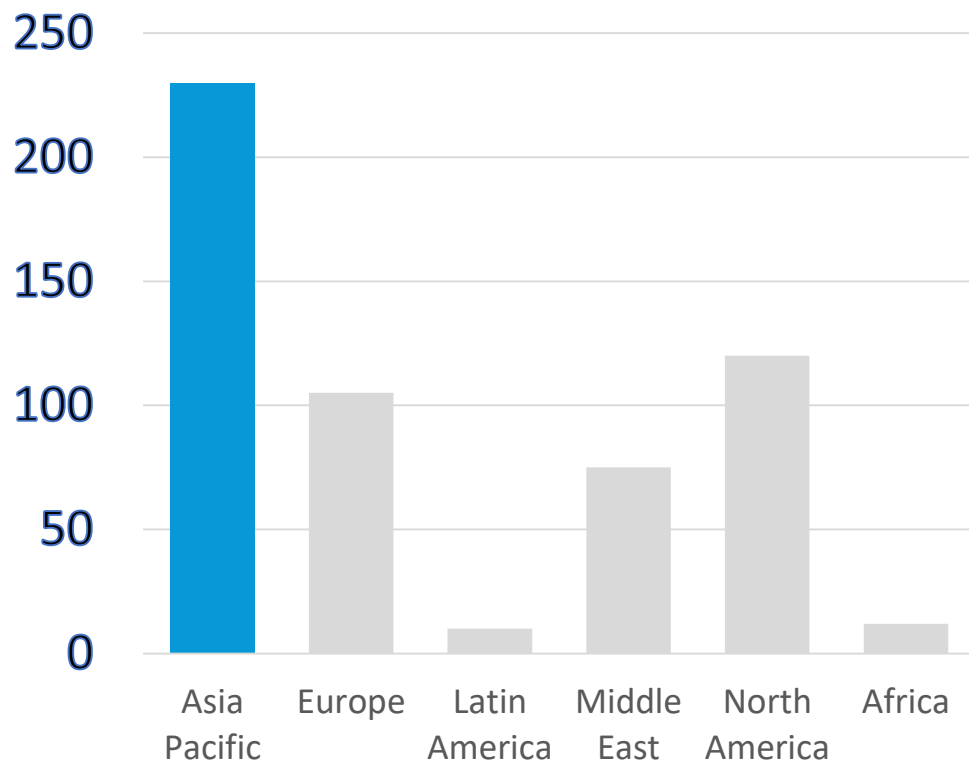
# AIR TRAFFIC

expected to grow strongly  
after pandemic, particularly  
in APAC region

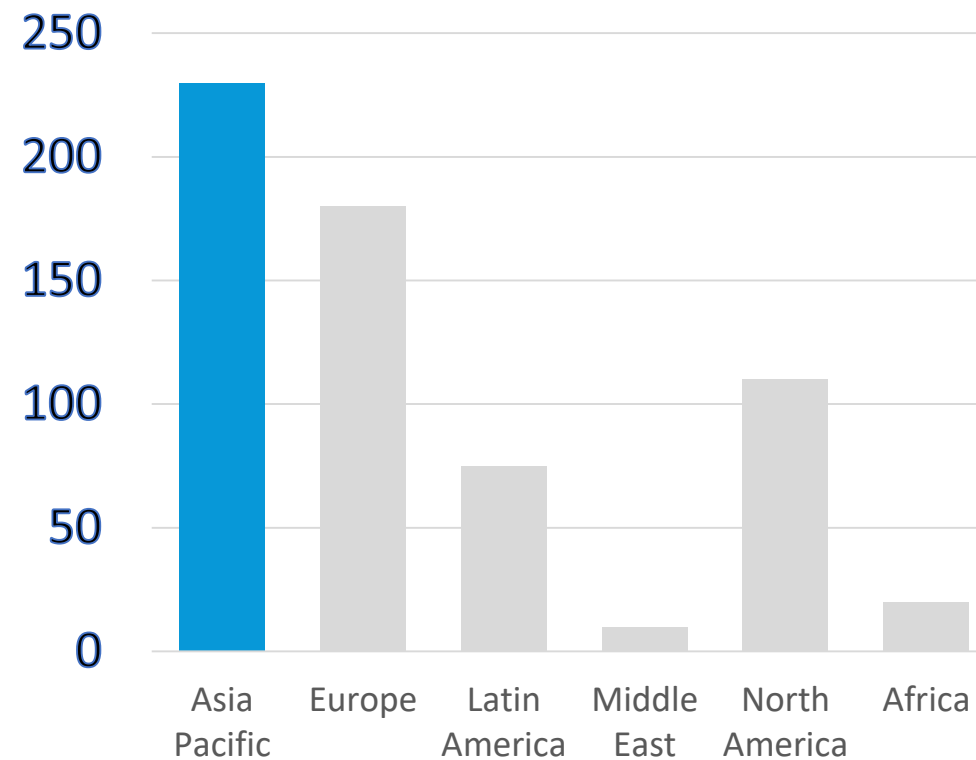


# COUNTRIES ARE MAKING HEAVY INVESTMENTS ON THE GROUND

## INVESTMENTS (\$ BILLIONS)

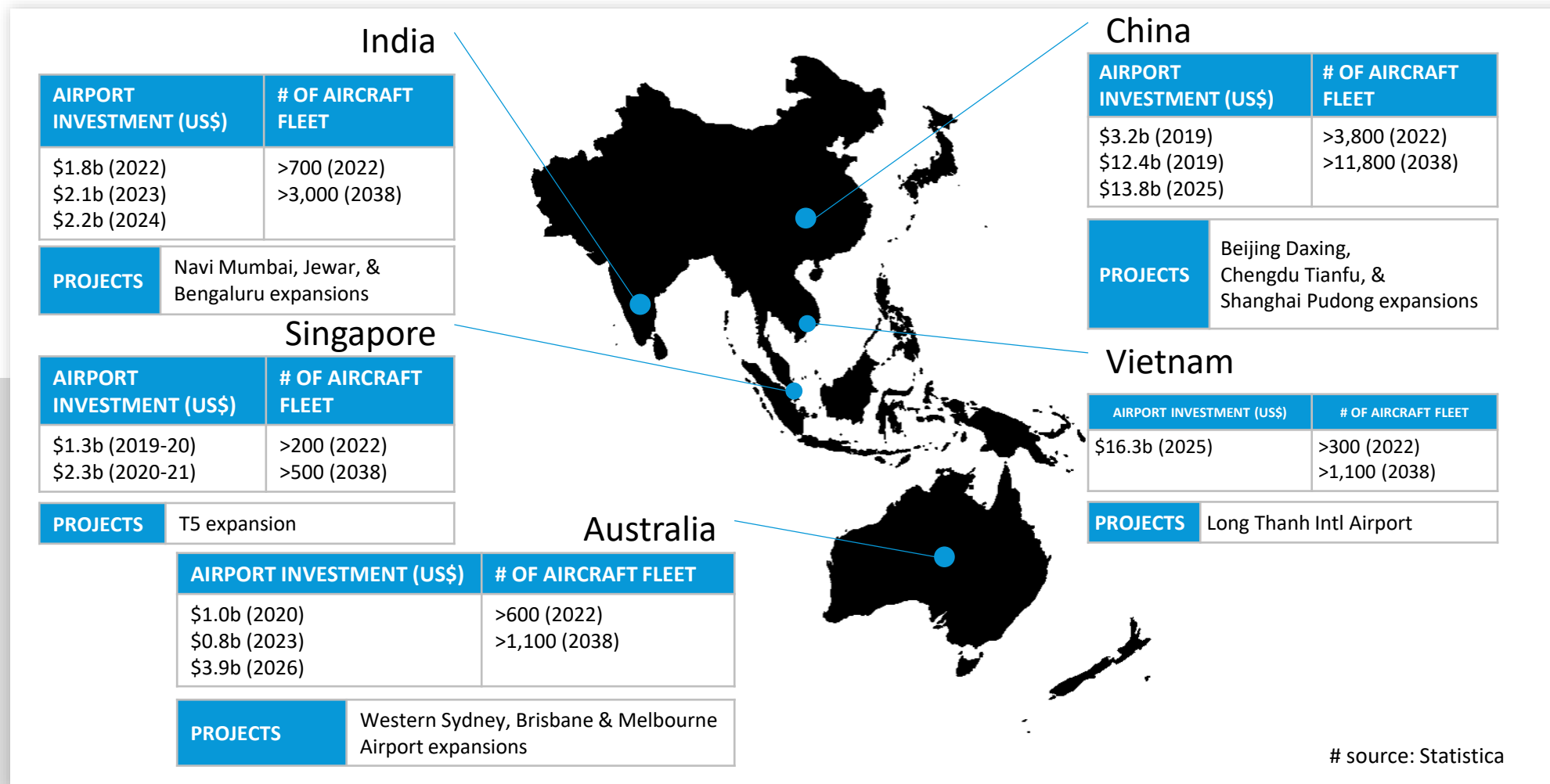


## NUMBER OF PROJECTS

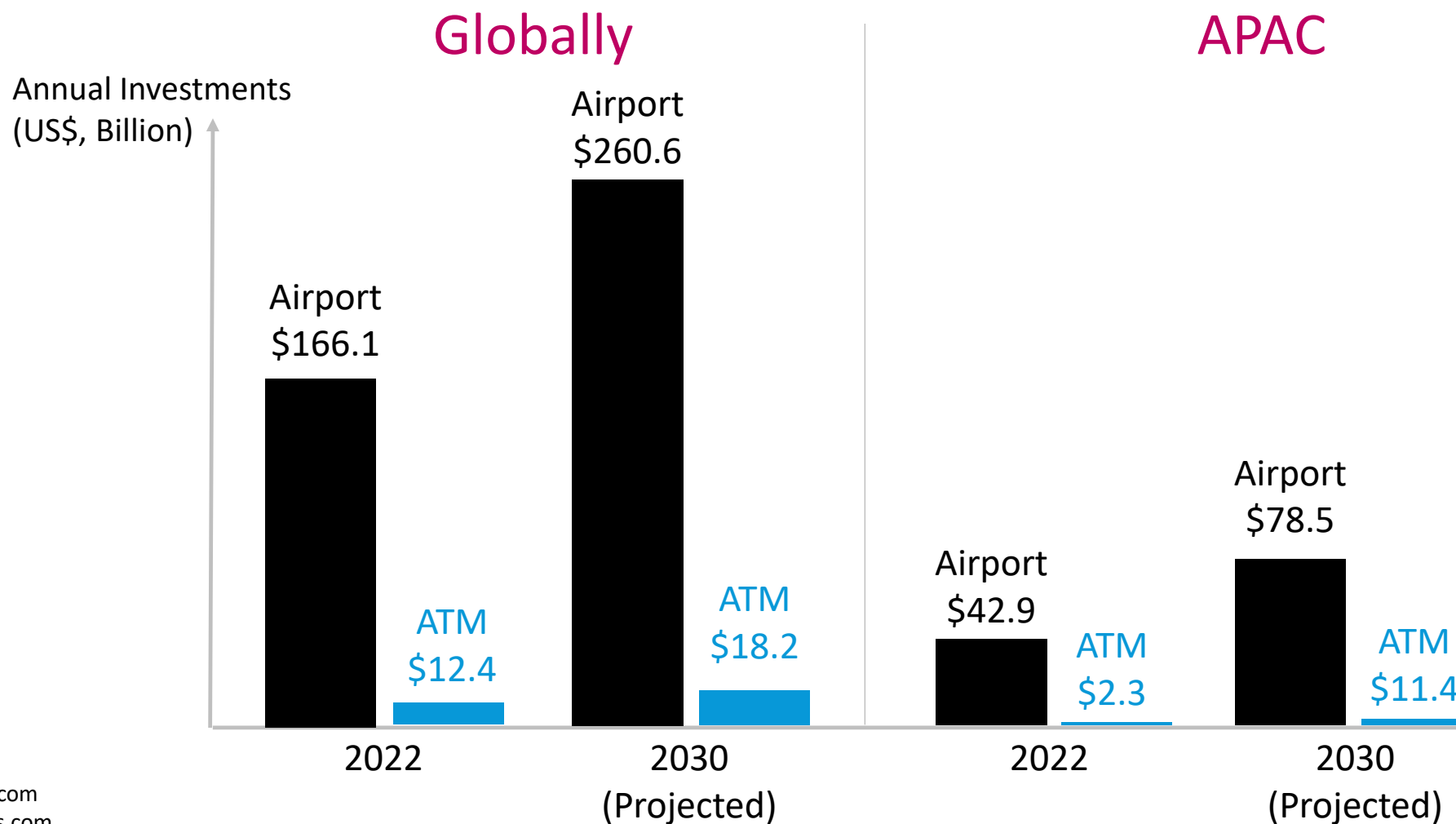


Ongoing airport infrastructure projects as of Mar 2022

# ON AIRPORTS AND AIRCRAFTS



# WE NEED TO MAKE CORRESPONDING INVESTMENT IN THE SKIES







DEMAND FOR AIR TRAVEL =  
CAPACITY + SAFETY + EFFICIENCY =  
CAAs + ANSPs + INDUSTRY



1

2

3

4

# 1. APAC ANSPs Committee (AAC)

# 01

WORKSTREAM



## TOR

- Step up investment in ANS capacity and capabilities
- Share requirements and best practices in procurement of ANS systems

## Initiatives

- Collaborate on capacity building and technical assistance amongst ANSPs
- Gather ANSPs' needs and plans for ANS systems modernization, and explore partnership models
- Organise APAC innovation and capacity symposium to build capacity and work on ANS digitalisation


1

AAC



# 02

WORKSTREAM



## TOR

- Accelerate development and implementation of Seamless ANS
- Collaborate on green initiatives to enhance ANS Sustainability

## Initiatives

- Review current situation and make ANS implementation easier
- Establish key trajectory-based operations (TBO) building blocks to support development and realization of TBO in APAC
- Enhance ANSP capabilities to achieve higher level of participation in regional ATFM

2

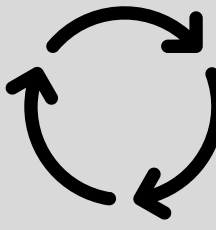
AAC

3

4

# 03

WORKSTREAM



## TOR

- Collaborate on business continuity and contingency planning

## Initiatives

- Develop effective contingency arrangements
- Develop regional “how to” document on contingency arrangements
- Validate contingency arrangements such as table-top exercise and use of operational info-sharing systems

AAC

3

4

# O4

WORKSTREAM



## TOR

- Formation of Oceanic Working Group specifically focusing on operation of oceanic ANSPs

## Initiatives

- Implementation of free route operations
- Development of ATM system interoperability
- Development of contingency plans amongst ANSPs

AAC

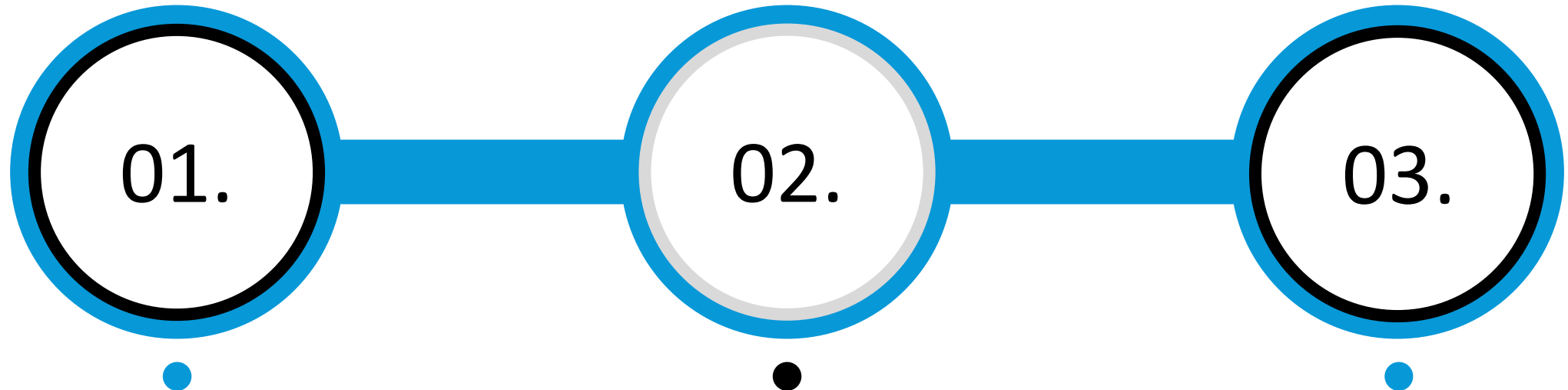
4



The background is a complex composite image. It features a dark silhouette of a world map in the upper left. Below the map is a vibrant, multi-colored cityscape with buildings in shades of green, red, and blue. On the right side, a person in a dark blue suit and striped tie is shown from the chest down, with their right hand held open and palm up. Two horizontal blue lines are positioned above and below the main text.

## 2. INTERNATIONAL CENTRE FOR AVIATION INNOVATION

# FACILITATE AVIATION INNOVATION AND PARTNERSHIP



**INTERNATIONAL IN ORIENTATION**  
*solutions that can scale*

**COVERS ALL ASPECTS OF AVIATION**  
*ATM, Smart and Digital Airport,  
Unmanned, Sustainability*

**FOSTER PARTNERSHIPS**  
*amongst Governments, Industry  
and Research Institutes*





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CAPACITY + SAFETY + EFFICIENCY =  
CAAs + ANSPs + INDUSTRY



THANK YOU