

**7TH AAPA
EMERGENCY RESPONSE
CONFERENCE 2017**

16 - 17 MAY 2017
CENTARA GRAND LADPRAO HOTEL,
BANGKOK

**SYNERGIES
BEYOND
BORDERS**

AAPA

ASSOCIATION OF ASIA PACIFIC AIRLINES

Crisis Management

Aviation Perspectives

Andrew Herdman
Director General
Association of Asia Pacific Airlines

AAPA 7th Emergency Response Conference
Bangkok
16 – 17 May 2017

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AAPA
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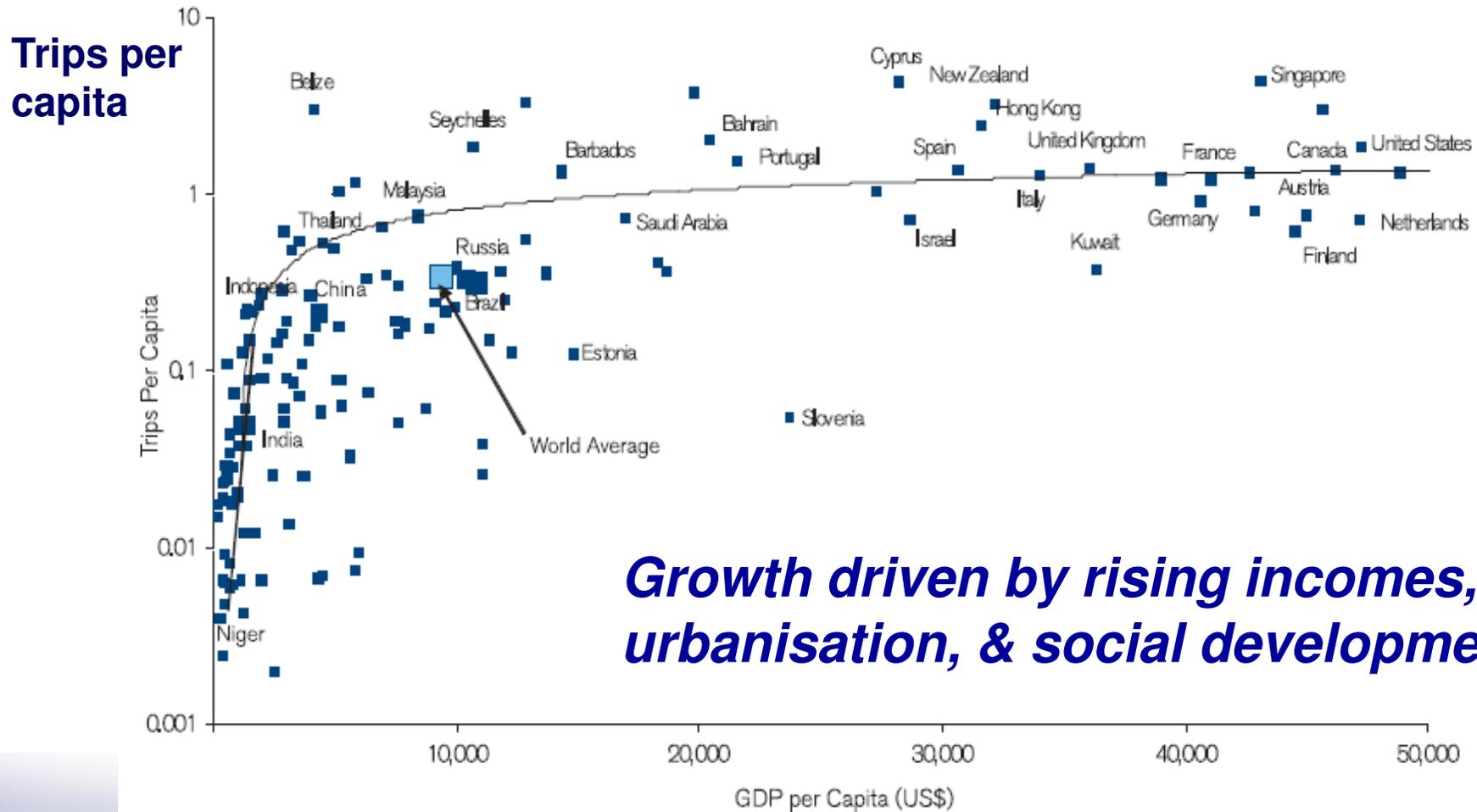
Aviation: connecting the world

- **Air travel delivers global mobility**
- **3.6 billion passengers**
 - **10 million per day**
- **Carries 35% by value of global trade**
 - **Goods worth US\$6 trillion**
- **Wider social and economic benefits**
- **Committed to sustainable growth**
- **Outstanding safety record**

Source: IATA, ATAG



Aspirational Demand for Air Travel



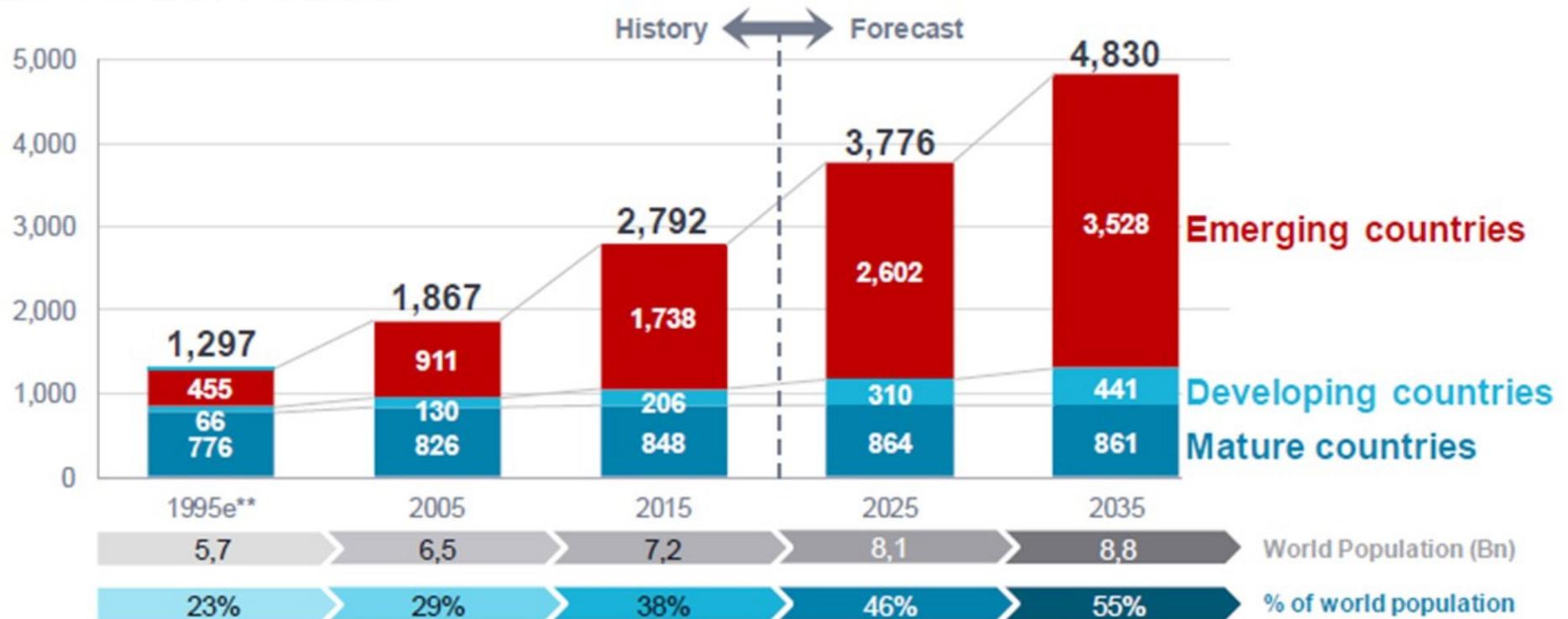
Growth driven by rising incomes, urbanisation, & social development

GDP per capita US\$

Emerging economies & growing middle class



Middle Class* (millions of people)



* Households with yearly income between \$20,000 and \$150,000 at PPP in constant 2015 prices

** Estimate for 1995 split region

Driving consumption, including air travel demand

Asia Pacific traffic leading global markets



RPK traffic by airline domicile (billions)



20-year world annual traffic growth
4.5%

	% of 2015 world RPK	20-year growth	% of 2035 world RPK
Asia-Pacific	30%	5.7%	36%
Europe	25%	3.7%	22%
North America	24%	2.9%	19%
Middle East	9%	5.7%	11%
Latin America	5%	4.8%	5%
CIS	4%	4.1%	4%
Africa	3%	4.8%	3%

Source: Airbus GMF2016

- **Asia Pacific represents 40% of future aircraft orders & associated infrastructure requirements**
- **Major capital investment required**

Infrastructure



- Aviation is a complex global system
- Aviation infrastructure must keep pace with rapid traffic growth
- Greater focus on operating efficiency, productivity and cost-effectiveness
- Managing our environmental impact
- Government role to coordinate planning & long term capital investment required

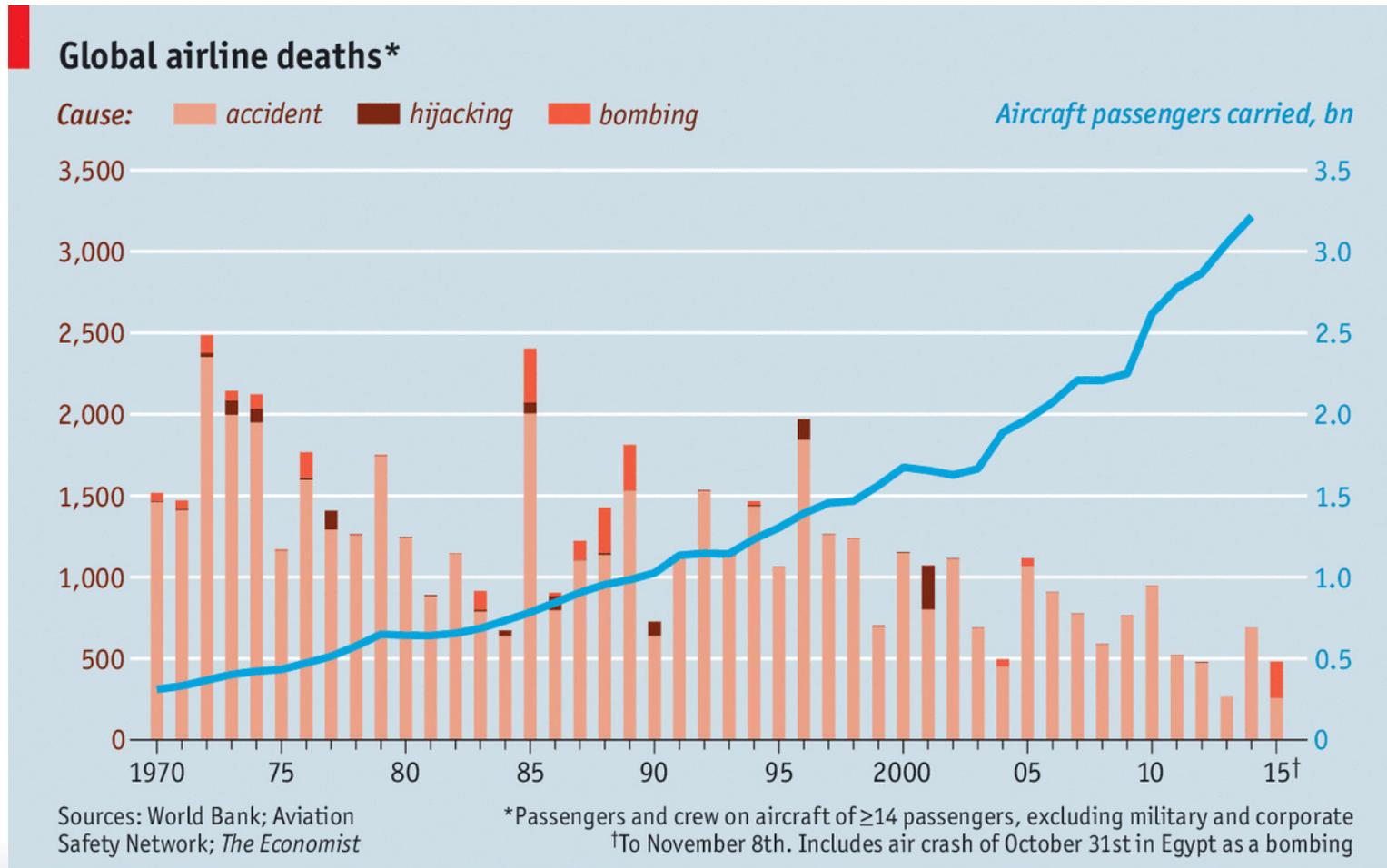
Crisis management is another shared responsibility, requiring close collaboration across geographic & organisational boundaries

Focusing on Public Safety

- **Flying is extraordinarily safe, and getting safer still**
- **But every loss brings human suffering**
- **Key lessons from accident investigations**
- **Industry is delivering further improvements in aviation safety performance**
- **Public confidence in the safety & security of air travel remains high**



Aviation Safety & Security



Economist.com

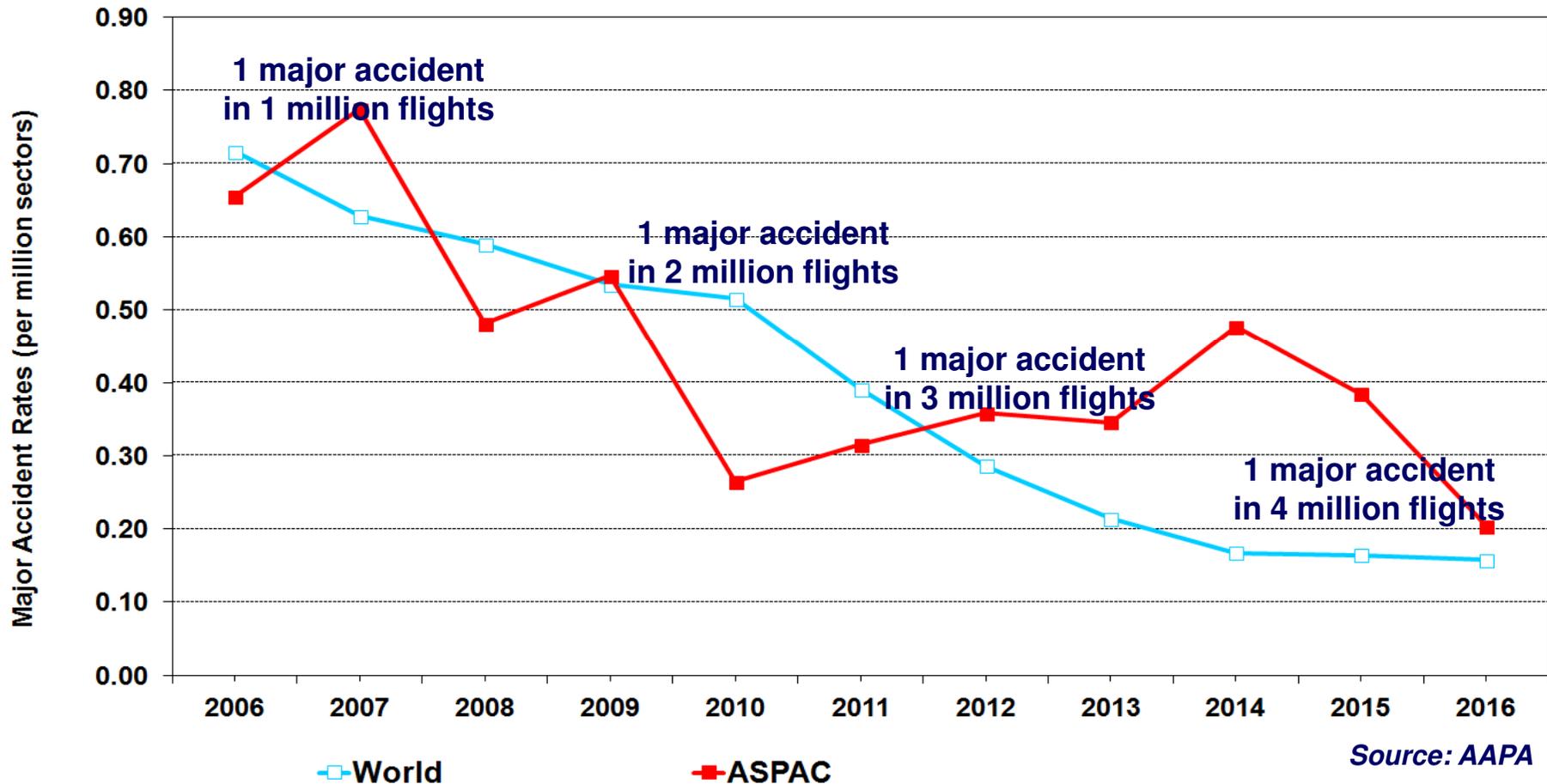
Diminishing losses despite strong traffic growth

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Safety Performance Trends



Western-built Jet Aircraft Major Accident Rates
by Operator Region 2006 - 2016
3-year moving averages



Flying is extraordinarily safe ... and getting safer still

Wider Risk Management Challenges



Crisis management and emergency response planning must be prepared for a wide range of unpredictable events

Crisis Management Response



Accidents, earthquakes, typhoons, floods, fires, volcanic ash, bombs, health pandemics, cyber

Aviation & Emergency Response



- **Aviation is at the heart of global economic development**
- **Society relies on aviation every day & especially in a crisis**
- **Managing large-scale disruptions requires close cooperation between authorities, airlines, airports & other stakeholders**
- **Importance of the human and social dimension to managing crises that affect the travelling public**
- **Crisis communications now take place in real time**
- **Developing flexible partnerships & collaboration**
- **AAPA is committed to playing a critical role in promoting the highest standards in emergency response preparedness**

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