

CAPA AeroPark

Peter Harbison, Chairman CAPA

ICAO NGAP Symposium, March 2010



CAPA AeroPark: What, Why and How





CAPA AeroPark: *What is it?*

- All types of aviation education & training: one campus
- Self-contained venue: accommodation, training facilities, simulators, hangars
- World class, global brand, guaranteed standards
- Leading aviation education and training organisations in each specialty
- Promotes environmentally-sensitive principles
- Scale and scope cost efficiencies
- Close to major airport, convenient for users
- First venue will be in India



CAPA AeroPark: *Why one campus/one brand?*

- Responds most effectively to fast growing demand in emerging nations: training and education needs drastically under-provided
- Provides top quality education and training, recognised by governments and industry
- Global brand: improves quality control - and therefore industry safety and business health
- Scale and scope economies = more affordable
- Synergies between disciplines – one-stop shop for industry and government



CAPA AeroPark:

How it works

- **CAPA AeroPark is independently funded but works with government**
- **Facilities are turnkey, walk-in operations**
- **World best educators and trainers provide all services**
- **State of the art equipment and facilities**
- **Expert, independent oversight body = quality control**
- **With a “team” of education and training providers, CAPA AeroPark provides a marketing umbrella which helps each of the team to expand its global reach**

CAPA AeroPark: Eminent Council

CAPA AeroPark Eminent Council Members

An Eminent Council, consisting of leading members of the industry and academia, has been established to ensure that CAPA AeroPark is developed to provide the highest standards in training and education, in line with the requirements of the aviation industry.

Mr Peter Harbison



Peter Harbison is Executive Chairman and Founder of the Centre for Asia Pacific Aviation, and is regarded as one of the leading aviation strategists globally. His career in aviation law and regulatory affairs included a posting to the Australian mission to the International Civil Aviation Organisation in Montreal, and 10 years at a senior level at the International Air Transport Association in Geneva. Mr Harbison is President of the Australian Aviation Council and immediate past President of the Aviation Law Association of Australia and New Zealand.

Dr Barry Humphreys



Dr Humphreys spent more than 20 years with the UK Civil Aviation Authority. He was the Head of Air Services Policy when he left to join Virgin Atlantic Airways as Director of External Affairs and Route Development. Dr Humphreys is Chairman of the British Air Transport Association, Deputy Chairman of Airport Co-Ordination and sits on the Boards of the UK India Business Council and National Air Traffic Services. He is also a visiting lecturer at Cranfield University.

Mr Jeffrey Shane



Jeffrey Shane was the Under Secretary for Policy in the US Department of Transportation until 2008, a presidentially appointed role. In his tour of duty with the department he focused on open skies, infrastructure financing, technology initiatives and the implications of climate change. In 2007, he was elected President of the triennial Assembly of the International Civil Aviation Organisation. Mr Shane has returned to legal practice and is now a Partner at the Washington DC-based international law firm, Hogan & Hartson LLP.

Mr Ashley Smout



Ashley Smout is Chairman & CEO of Airways New Zealand, which he joined in 1999 as COO. Airways New Zealand was one of the first Air Navigation Service providers to be commercialised, and is recognised as one of the most cost-efficient and customer responsive ANS companies in the industry. It has won the IATA Eagle Award twice in recent years. Mr Smout is also Chairman of the Civil Air Navigation Services Organisation, the global industry association for providers of air traffic control.

Dr Nawal Taneja



For almost 40 years, Dr. Taneja, has been contributing to the airline industry, having advised the boards of major global carriers in the areas of strategic and tactical planning. He has also worked with civil aviation authorities on liberalisation, bilateral agreements and privatisation. Dr. Taneja has served as Professor and Chairman of the Aerospace Engineering and Aviation Department at Ohio State University, and as an Associate Professor at the Massachusetts Institute of Technology.

Mr William R Voss



William R. Voss is President and CEO of the Flight Safety Foundation. He was previously Director of the Air Navigation Bureau at the International Civil Aviation Organisation (ICAO). Prior to joining ICAO, Mr Voss spent 23 years at the U.S. Federal Aviation Administration (FAA), focusing on air traffic management and control, where he rose to become Director of Air Traffic Systems Development.

Mr John Ward



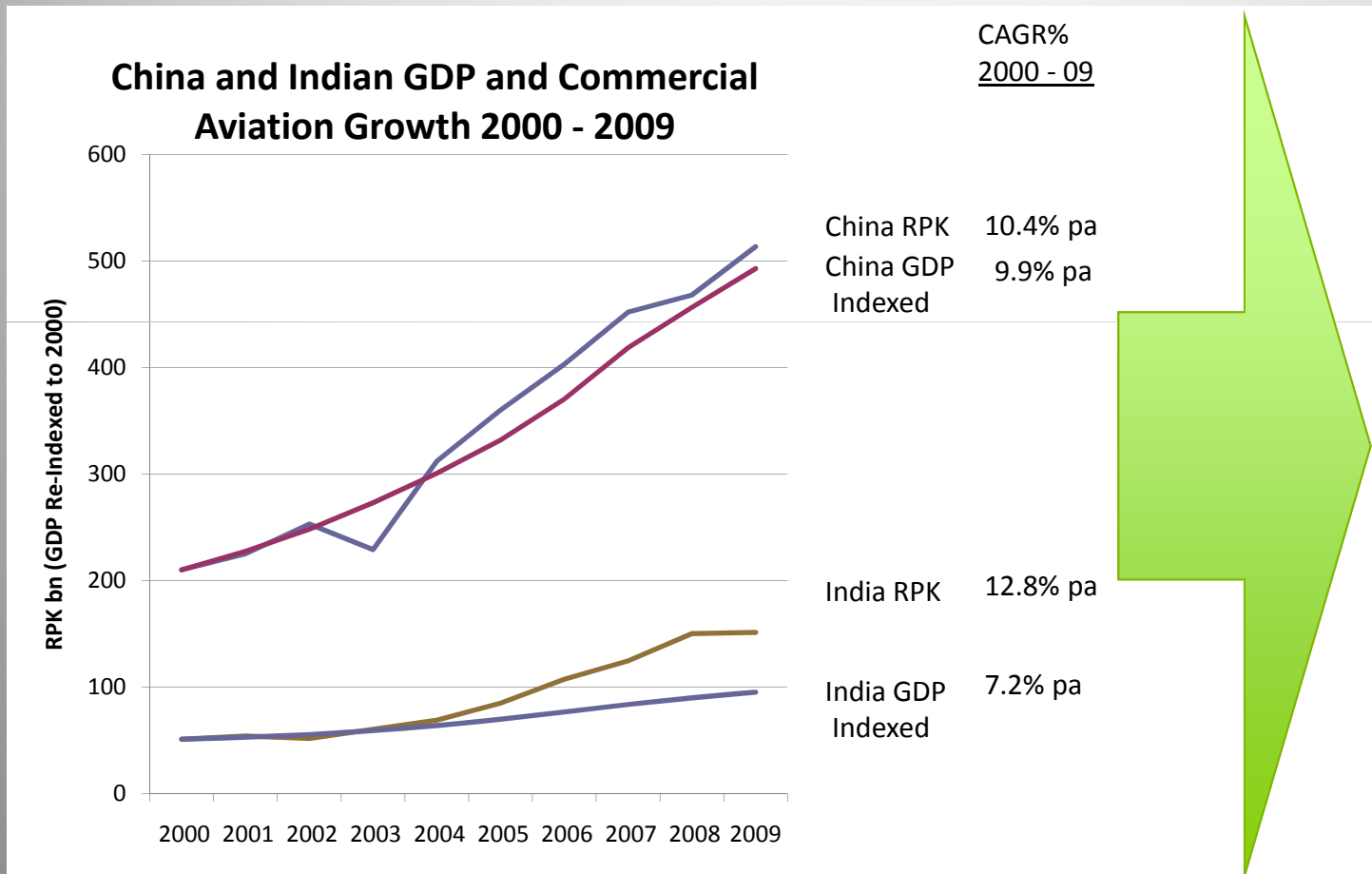
Mr Ward had a distinguished 25 year career with Qantas Airways, culminating as Managing Director & CEO of the airline. He subsequently joined News Limited as GM Commercial, a position which he held for seven years. He is Interim Chairman of Brisbane Airport Holdings, a Director of Adelaide Airport, Chairman of Wolseley Private Equity and an Honorary Life Governor of the Research Foundation of Information Technology.

CAPA AeroPark: Meeting the full range of needs



Aviation Education & Training covers a **wide spectrum of disciplines**, in an ever-changing environment

India's rapid aviation market growth will continue - with huge skills shortages



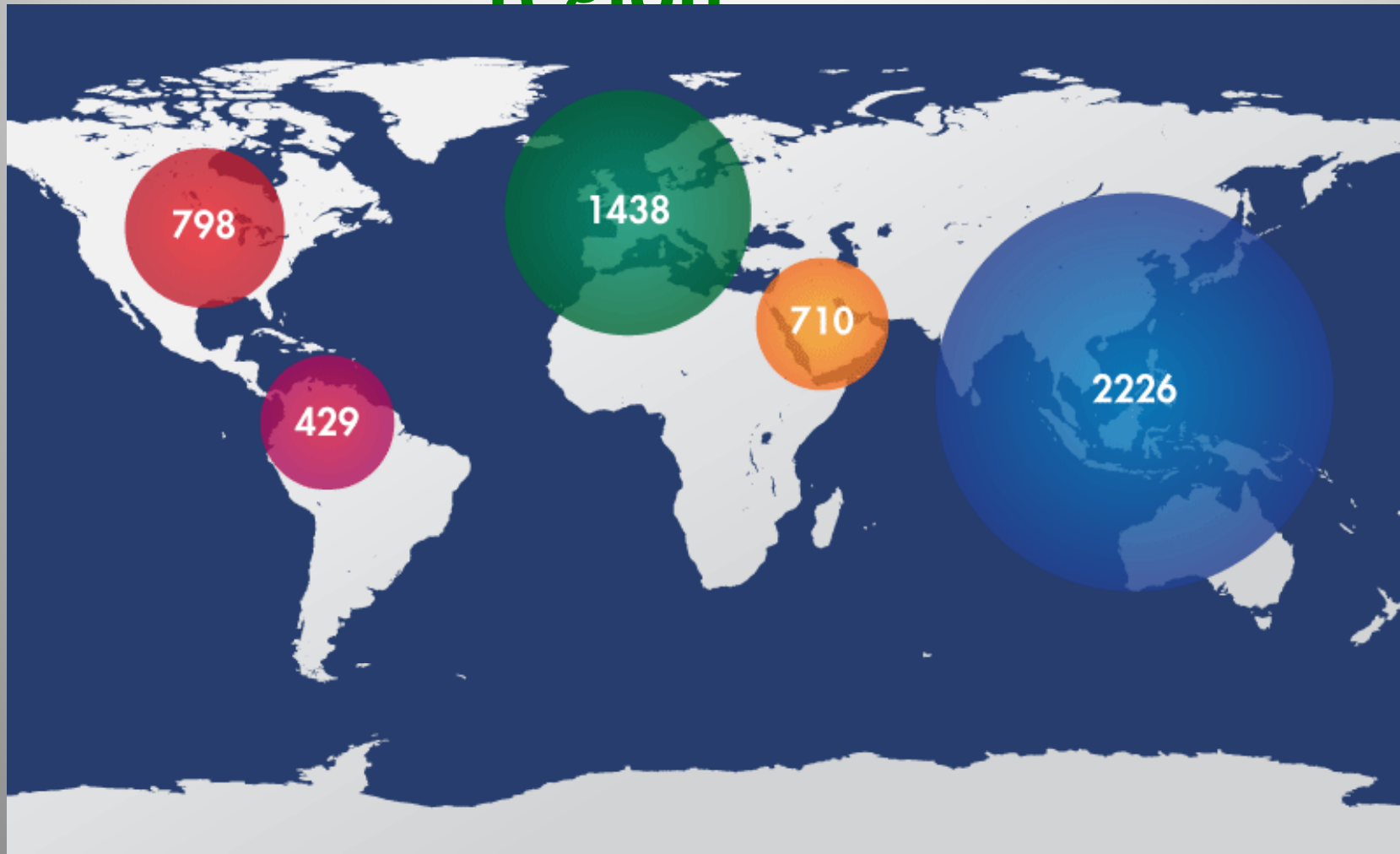
- India's traffic is projected to grow over 9.1% p.a. over next 20 years
- India will be the 3rd largest aviation market in the world by 2027
- Requirement next 7 years
 - 575-890 pilots p.a.
 - 2,120-3,260 cabin crew p.a.
 - 1,640-3055 maintenance engineers p.a.
 - 280-400 ATCOs p.a.

Emerging countries to bounce back in 2010

System-wide global commercial airlines	2007	2008	2009F	2010F	2007	2008	2009F	2010F
	Traffic (TKP), % change over year				Capacity (ATK), % change over year			
Global	5.3	0.2	-6.7	5.2	5.0	1.0	-4.2	2.8
Regions								
North America	3.5	-3.5	-7.5	4.1	3.2	-3.0	-6.7	2.1
Europe	2.1	2.3	-6.3	4.5	3.5	4.1	-4.5	2.8
Asia-Pacific	7.8	-1.0	-6.2	6.6	6.9	-1.0	-3.4	6.4
Middle East	16.4	11.1	9.4	12.2	14.5	9.4	10.9	12.1
Latin America	9.9	7.1	-4.1	5.2	6.9	4.8	-4.2	5.1
Africa	4.5	3.1	-8.0	2.7	5.8	2.2	-5.9	0.6

Source: ICAO data to 2008. IATA 2009-10 forecasts. Domestic and international traffic. Includes passenger and cargo by weight.

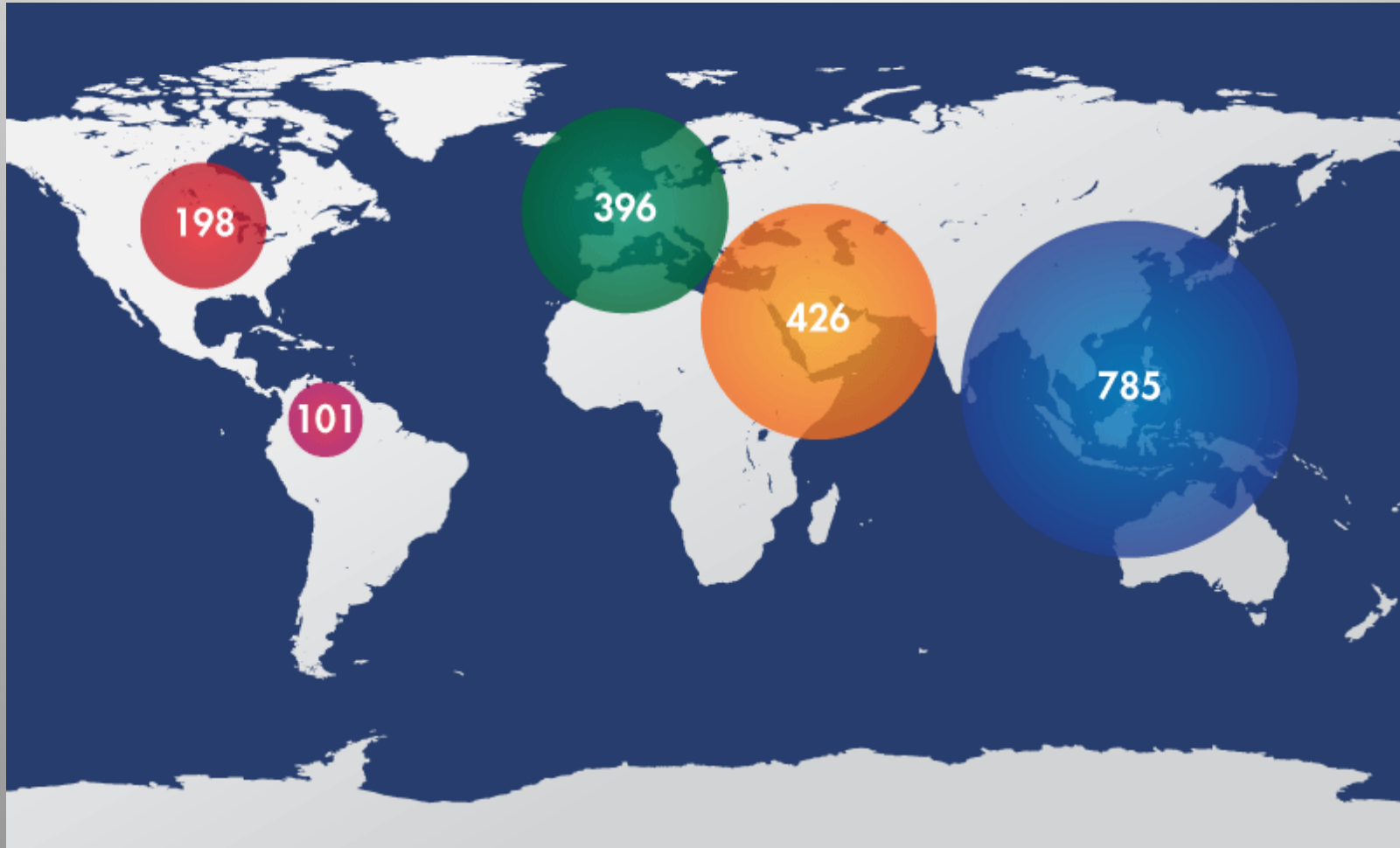
Aircraft orders by region



Source: CAPA and Ascend

....Airbus and Boeing project over 1,200 aircraft orders annually for the next 20 years

Widebody aircraft orders



Source: CAPA, Ascend

And with all these widebodies, the new hubs will be in Asia and the Middle East

CAPA AeroPark: Design concept and Master Plan

Thankyou!
www.centreforaviation.com