



Keynote Address

3 September 2019

Capt. Chris Kempis
Director Flight Operations
Cathay Pacific Airways

Growth and challenges



Demand for air travel





Demand for LCCs



Taking responsibility





Our greatest asset

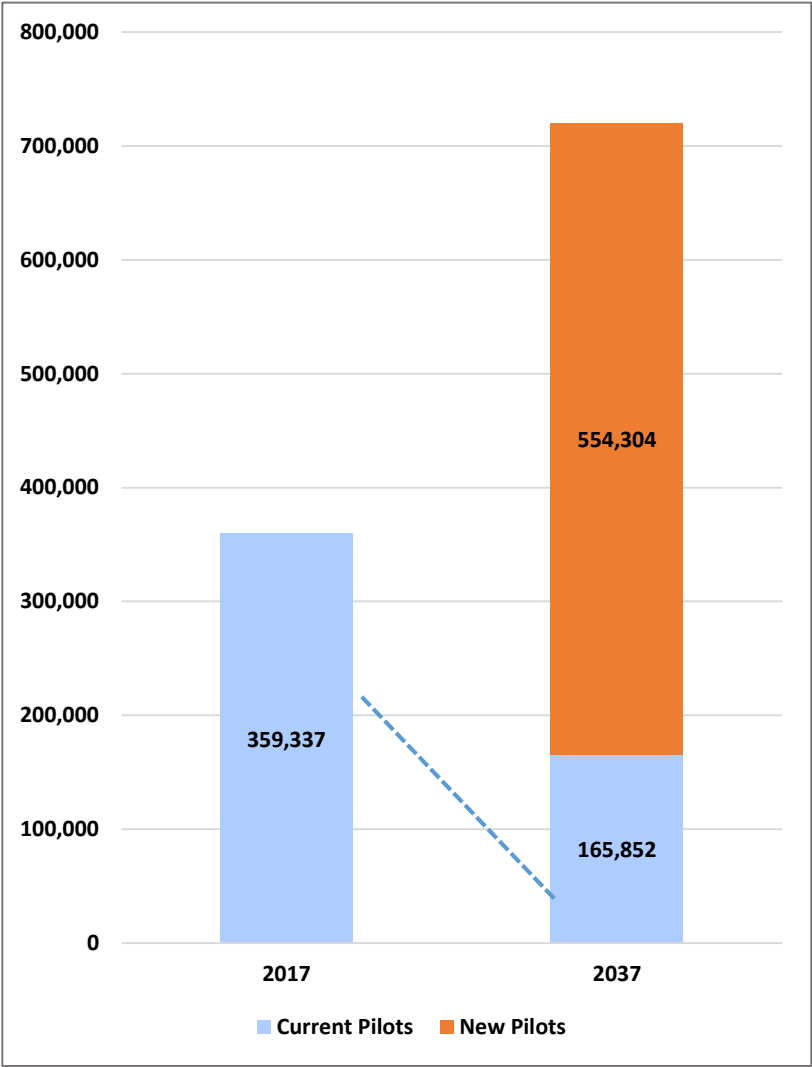
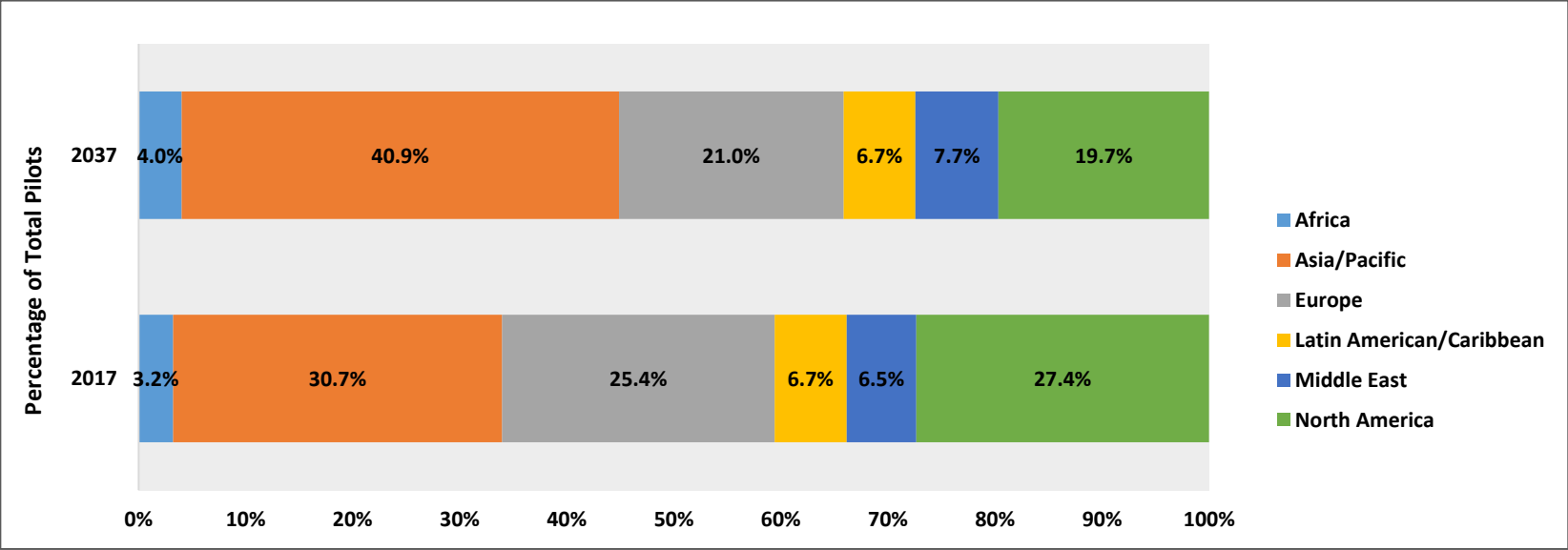


Correction overdue...



ICAO Commercial Pilot Demand Forecasts

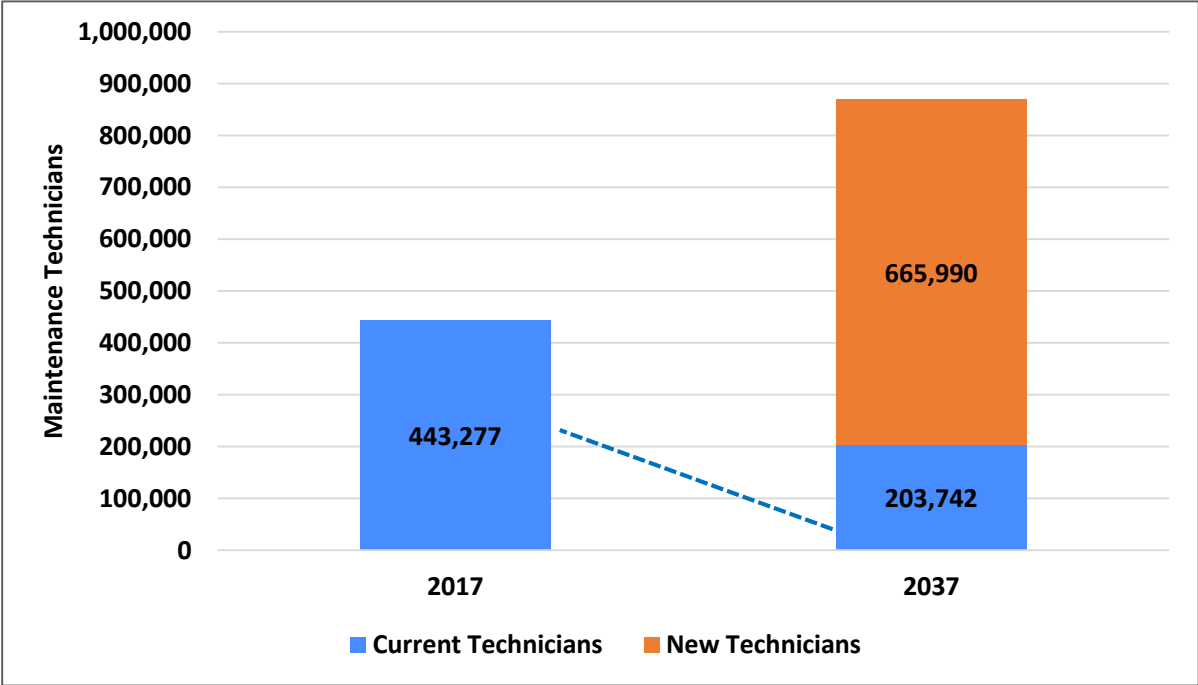
Region	2017 Total	2037 Total	2037 New*
Africa	11,610	28,915	23,457
Asia/Pacific	110,461	294,362	244,975
Europe	91,393	150,926	111,236
Latin American/Caribbean	24,189	48,454	36,374
Middle East	23,374	55,755	44,692
North America	98,310	141,744	93,570
World	359,337	720,156	554,304



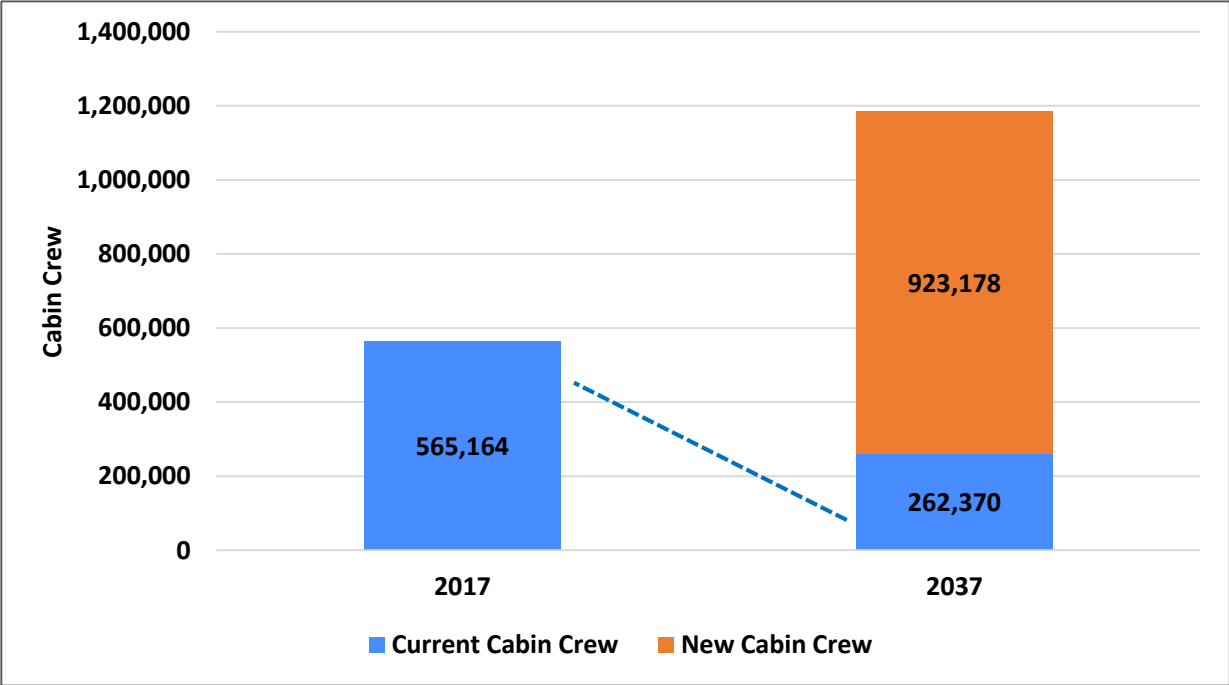
* Assumes 3% attrition rate

ICAO Maintenance Technicians and Cabin Crew Demand Forecasts

Maintenance Technicians			
Region	2017 Total	2037 Total	2037 New*
Africa	14,081	35,008	28,407
Asia/Pacific	132,910	354,931	295,572
Europe	114,084	181,408	132,690
Latin American/Caribbean	30,310	59,869	44,734
Middle East	24,718	59,501	47,760
North America	127,174	179,015	116,827
World	443,277	869,732	665,990



Cabin Crew			
Region	2017 Total	2037 Total	2037 New*
Africa	18,660	46,239	37,452
Asia/Pacific	182,215	484,718	402,826
Europe	139,110	250,080	187,882
Latin American/Caribbean	36,080	74,644	56,719
Middle East	49,559	116,771	93,435
North America	139,540	213,096	144,864
World	565,164	1,185,548	923,178



* Assumes 3% attrition rate



On the flight deck





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Demand and the next step?



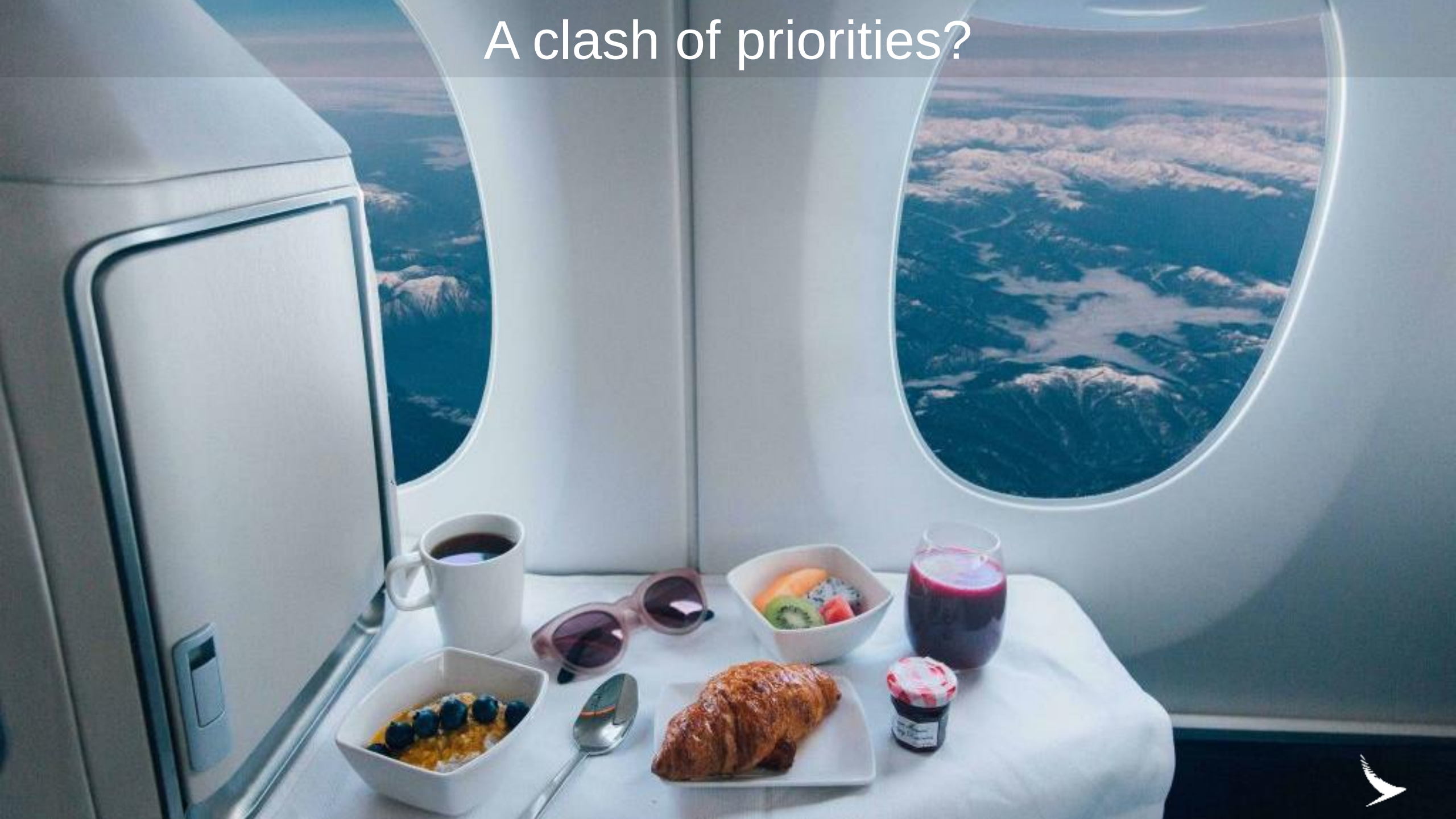


In the cabin





A clash of priorities?



In the maintenance space

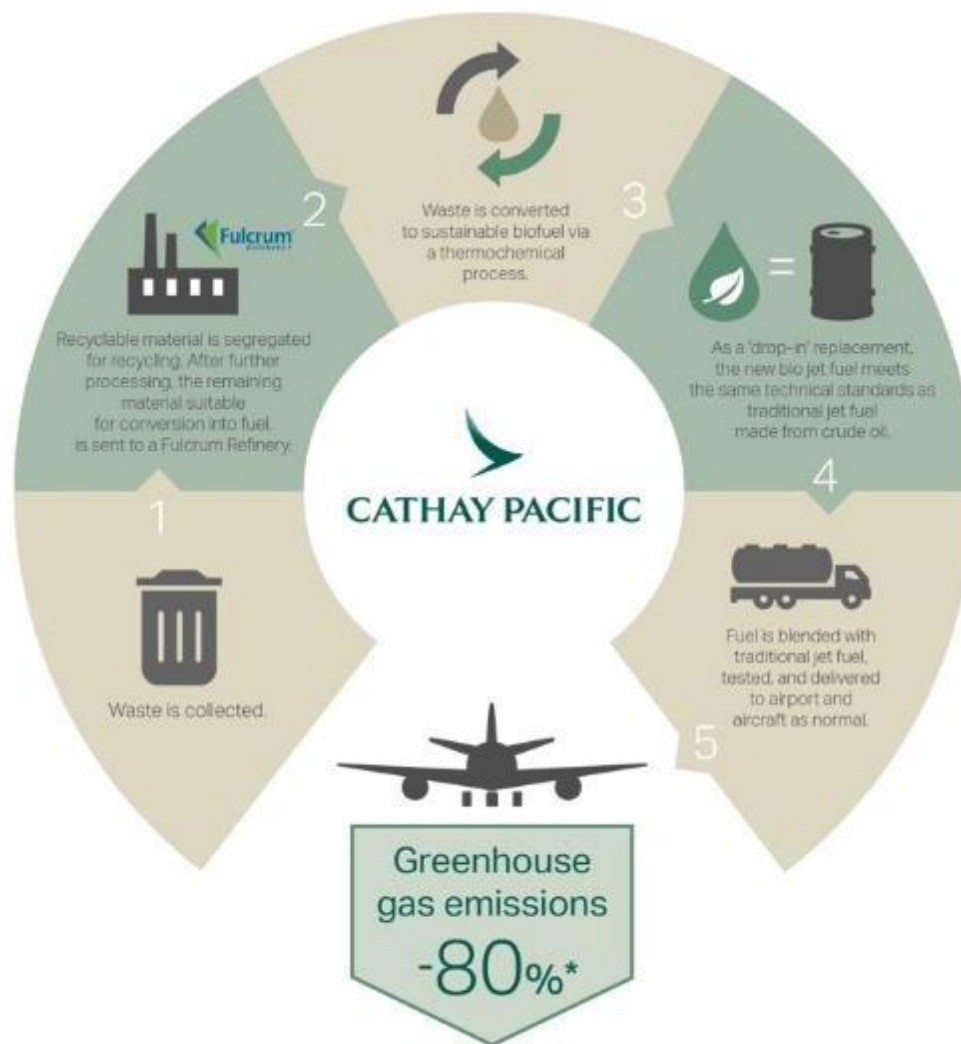






From waste to wing

As an alternative to sending household waste to landfill, it can be converted to sustainable bio jet fuel. Cathay Pacific is an equity investor in Fulcrum BioEnergy, a biofuel developer pioneering the development and commercialisation of technology to convert waste to renewable transportation fuel.



* Compared to traditional jet fuel, sustainable biofuel can reduce life cycle greenhouse gas emissions by up to 80%.

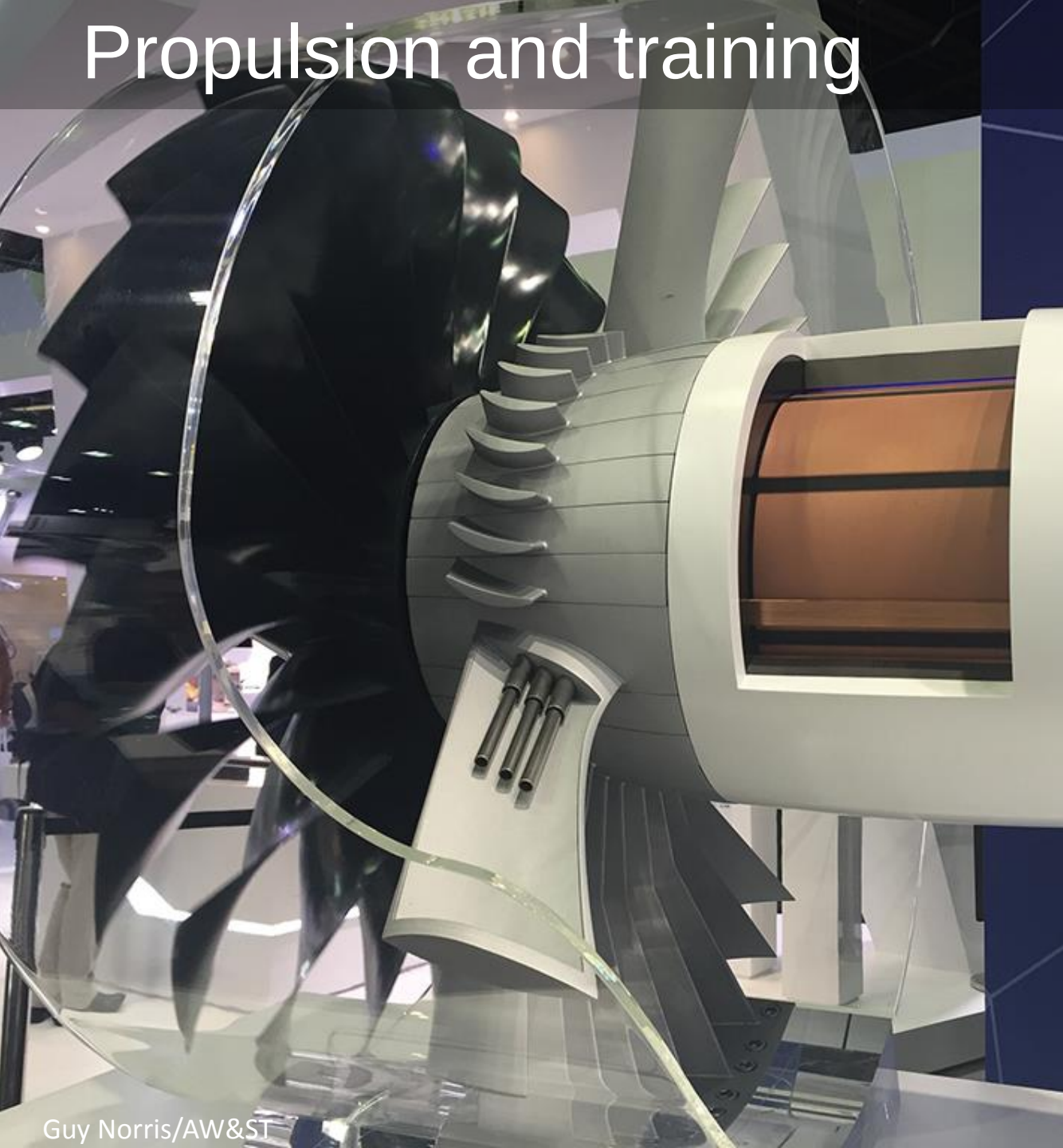


SUSTAINABLE DEVELOPMENT GOALS



New Skillsets?

Propulsion and training



Guy Norris/AW&ST



H55

decision

strategy

ethic

vision

integrity

Leadership

contribution

communication

motivation

influence



