# **Capital Markets Day**

3<sup>rd</sup> November 2017





## Agenda

0900	Opening remarks	Antonio Vázquez	IAG Chairman
0910	CMD 2017 key messages	Willie Walsh	IAG CEO
0920	British Airways	Alex Cruz Carolina Martinoli Steve Gunning	<i>BA Chairman &amp; CEO BA Director of Brand &amp; Customer Experience BA CFO</i>
1000	Iberia & IAG MRO	Luis Gallego	Iberia Chairman & CEO
1030	Vueling	Javier Sánchez-Prieto	Vueling Chairman & CEO
1050	Break		
1120	LEVEL	Alistair Hartley	IAG Head of Group Strategy & Development
1140	Aer Lingus	Stephen Kavanagh	Aer Lingus CEO
1200	IAG Cargo	Lynne Embleton	IAG Cargo CEO
1220	IAG Digital & IT Strategies	Robert Boyle	IAG Director of Strategy
1240	Lunch		
1340	Financial Strategy	Enrique Dupuy	IAG CFO
1420	Conclusion and Q&A	Willie Walsh	IAG CEO
1530	Drinks Reception		



# **British Airways**

## Alex Cruz – Chairman and CEO Carolina Martinoli – Director of Brand and Customer Experience Steve Gunning – CFO





# **British Airways**

## Alex Cruz – Chairman and CEO



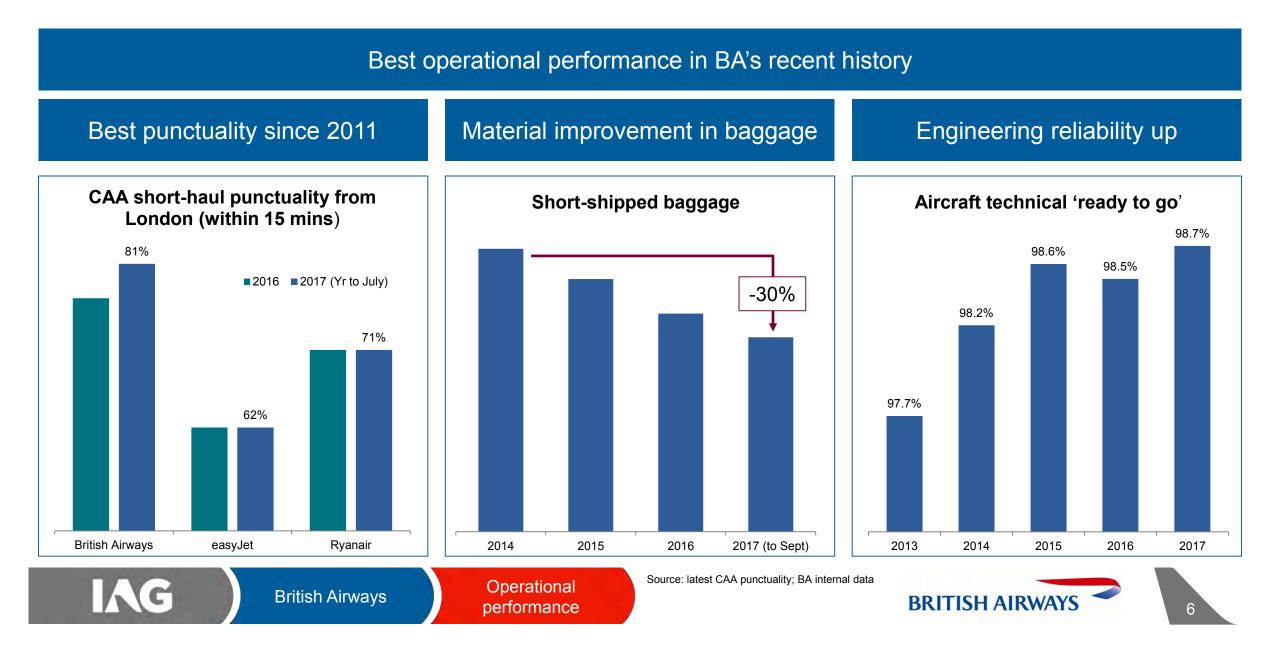


## The fundamentals are strong...

Number 1 in London	Strong brand & heritage	Dedicated people	Financially fit
<ul> <li>No. 1 at Heathrow &amp; City</li> <li>No. 2 at Gatwick</li> <li>No. 1 European carrier across the North Atlantic</li> </ul>	<ul> <li>Consumer Superbrand in 2014, 2015, 2016, 2017</li> <li>Business Superbrand in 2015, 2016, 2017</li> </ul>	great customer service• Greater cap• Airline experts embeddedlower back	<ul> <li>Strong balance sheet</li> <li>Greater capital efficiency &amp; lower back-office costs</li> <li>Shareholder dividends</li> </ul>
International seats (m) <sup>95</sup> <sup>58</sup> <sup>58</sup> <sup>53</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup> <sup>45</sup>	ANNARDED FOR UK SUPERITARIAS 2017 PELLABILITY - DIST		£1.5bn £1.3bn £1.0bn £0.7bn £0.7bn £0.3bn 2012 2013 2014 2015 2016 2017 (f)
IAG British A	Airways Strong fundamentals	Source: OAG, departing seats	TISH AIRWAYS 5



## ...with improved reliability & resilience in 2017



## The business is facing growing competitive threats

#### More geopolitical uncertainty **Digital disruption** The competition is changing European consolidation • Brexit • 'Tech companies' disrupting traditional company business Long-haul low cost growing Weaker Sterling models New aircraft types open up new North Korea Data & analytics critical to future markets (e.g. B787, A321LR) Terrorism company success Rising customer expectations amazon airbnb Google Spotify<sup>\*</sup> TESLA NETFLIX Linked in

**BRITISH AIRWAYS** 



L.C

British Airways

Competitive threats

## **BA** is undergoing an internal transformation

People	Process	Digital & technology
<ul> <li>New leadership / new ideas</li> <li>Optimised, lean structure</li> <li>Staff commitment and expertise developed and leveraged</li> </ul>	<ul> <li>Efficient, non-hierarchical processes; no rework</li> <li>Empowered staff</li> <li>Customer focussed in everything that we do</li> </ul>	<ul> <li>Proactive responses to market trends and wider digital shocks</li> <li>Right tools to harness tomorrow's opportunities</li> <li>Agile culture</li> </ul>





### MOTIVATED | INNOVATIVE | AGILE | CUSTOMER FOCUSSED



Internal transformation



## New senior management team spearheading change

#### British Airways Management Committee



Alex Cruz Chairman and Chief Executive Officer



**Steve Gunning** Chief Financial Officer



Maria da Cunha Director of People & Legal



Adam Daniels Chief Commercial Officer



Sean Doyle Director of Network & Alliances



Klaus Goersch Chief Operating Officer



Jason Mahoney Director of Engineering



**Carolina Martinoli** Director of Brand & Customer Experience



British Airways

Management Committee





## Lean processes enabling organisational agility

Head office	Reporting	Recruitment
<ul> <li>Material changes to wider management team</li> <li>Clear accountabilities</li> <li>Organisation redesign</li> </ul>	<ul> <li>Low value reporting stopped</li> <li>Focus on key metrics and data driving decision making</li> <li>Programme reporting digitised</li> </ul>	<ul> <li>Significant reduction in time to complete recruitment</li> <li>Leaner process for completion of candidate referencing</li> </ul>
	<section-header><section-header><section-header></section-header></section-header></section-header>	<ul> <li>New hires are results driven</li> </ul>
<b>IAG</b> British Airways	Internal transformation	BRITISH AIRWAYS 10

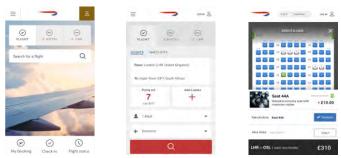
## **Digital and technology to enable seamless, stress-free travel**

	Digital vision and roadmap	Digital and technology deliverin
Enabling seamless, stress-free travel through world class digital experiences, driven by data & insight		
Basics	Provide a reliable and consistent digital experience across multiple devices	Automation at the airport allowing customer serv
Brilliance	Digital capabilities enable customers to travel the way they want to travel	Image: Second
Differentiation	BA.com/app is first port of call, providing an unrivalled level of service and support	Image: State of the state
IAG	British Airways Digital	BRITISH A

### ng for BA's customers



#### g staff to focus more on vice



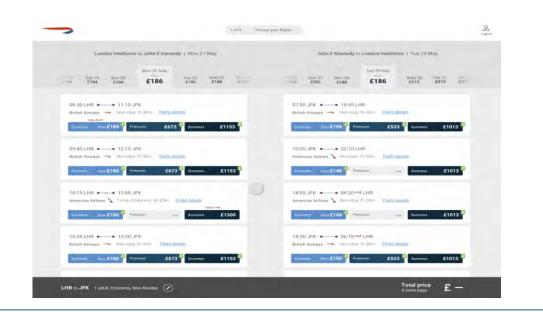
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## **Digital extends to BA's sales platform**

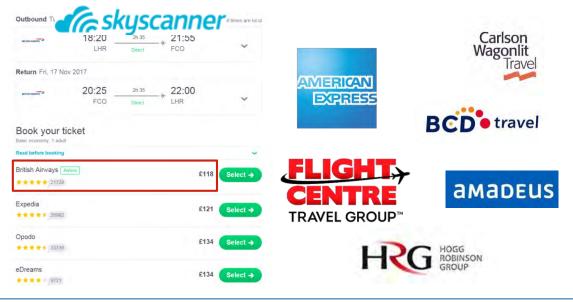
### ba.com and app

- New website live, with more improvement to follow
- Timeline, cancel & rebook, upgrades via the app
- Average order value up 4%



#### New Distribution Capability – live 1 November

- Key travel partners have signed up to the new model
- NDC unlocks ancillary revenue from indirect channels
- New products will see faster speed to market





Sales platform

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## **Over 200 initiatives being delivered through Plan4 framework**



To be the airline of choice, with personalised service, exceptional reliability, a digital mindset and unique British style

#### CUSTOMER

- 74 initiatives in progress
- New Club World
- First Wing
- Club on Domestics
- Upgraded Economy catering
- New cabins across LH fleet

#### **OPERATIONS**

- 52 initiatives in progress
- More punctual than EZJ/RYA
- Best baggage performance
- Engineering reliability
- Smoother journeys at T5
- Digital airport experience

#### EFFICIENCY

- 56 initiatives in progress
- Head office target of -30%
- 60-day pension consultation
- New distribution model
- Up-gauging short-haul fleet
- Long-haul fleet replacement

#### PEOPLE

- 45 initiatives in progress
- Engaged teams
- Leadership at all levels
- Agile organisation
- Dynamic culture
- Digital employee

#### DIGITAL AND TECHNOLOGY



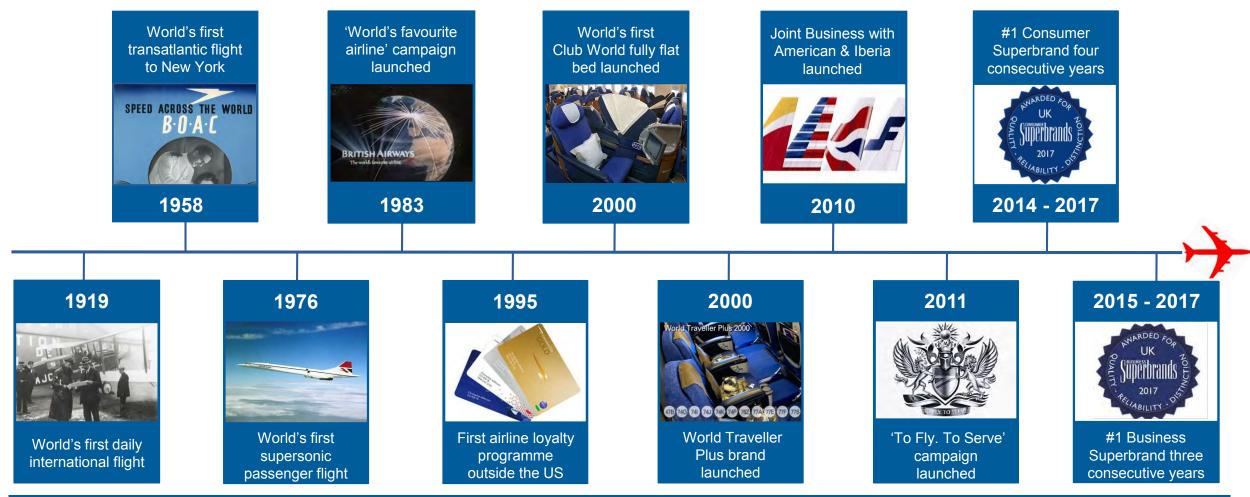
# **British Airways**

## Carolina Martinoli – Director of Brand and Customer Experience





## The BA brand has evolved to compete & meet customers' expectations



Our core values remain the same: BA is a premium brand for all customers



Brand & Customer Experience



## **Preparing for the future: unprecedented investment over 5 years**

TO FLY. TO SERVE.

British Airways

IAG

Brand	Product	Service
<ul> <li>Premium positioning for all customers</li> <li>Evoke the emotional</li> <li>Centenary in 2019</li> </ul>	<ul> <li>New and refurbished aircraft</li> <li>Overhaul of lounges</li> <li>Improved catering in every cabin</li> <li>£200m additional investment in Club World (up to £600m)</li> </ul>	<ul> <li>Operational excellence</li> <li>Transform service across all channels</li> <li>Exploit data &amp; digital</li> <li>Training &amp; engagement program</li> </ul>

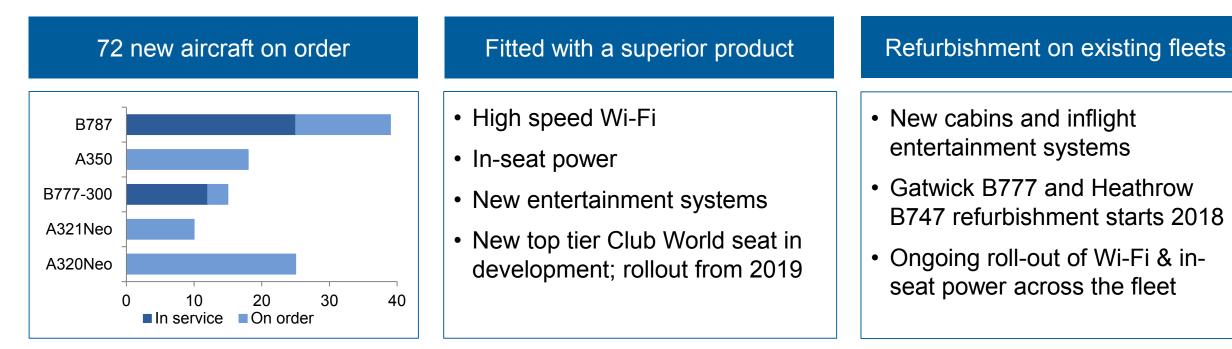
**Brand & Customer** 

Experience



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## Investing £4.5bn over next 5 years: new aircraft & interiors



Brand & Customer

Experience



**British Airways** 

I.C







## **Revolutionising ground experience: convenience for everyone**

Brand & Customer

Experience

### Automation to smooth the airport experience

- Shorter queue times for customers
  - $_{\circ}$  Self-service bag drop and self-boarding gates
  - Automated connections

I.C

- More colleagues to deliver customer service
  - $_{\circ}$  Welcome hosts introduced at Heathrow T5



**British Airways** 

### Overhaul of check-in and lounges for Premium

- Gatwick lounge
- Boston lounge
- First Wing at Heathrow and JFK
- Concorde team



- New JFK lounge
- New Rome lounge
- New Aberdeen lounge
- Catering investment





## **Transforming catering across all cabins**

### Restaurant-inspired dining service for Premium

- Transformational food and drink experience launched
- Display trollies, hand run service
- Feedback from customers and crew very positive
- New partnership with The White Company
- New service routine to maximise sleep

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- New long-haul catering launches January 2018
- Greater quantity and improved quality
- New and better snacks
- Short-haul M&S sales ahead of expectations
- Faster service with:
  - New simplified menu
  - Better forecasting
  - Crew reallocation







Brand & Customer Experience

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## **Upgrading our service proposition**

Using technology and training to empower and enable frontline colleagues			
Updated service style	Consistent service	Exploiting data and digital	Training and engagement
<ul> <li>New service design and guidelines</li> <li>Updated and modern service style</li> <li>Excellent customer care</li> </ul>	<ul> <li>Connected crew devices</li> <li>Use of automation where appropriate</li> <li>Consistency across all channels</li> </ul>	<ul> <li>Enhanced customer intimacy</li> <li>Customer segmentation</li> <li>Understanding what matters most</li> </ul>	<ul> <li>Training for frontline colleagues</li> <li>Engagement programme for all our people</li> <li>Beyond the Flight Deck</li> </ul>



British Airways

Brand & Customer Experience



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# **British Airways**

Steve Gunning – CFO





## Committed to reducing underlying non-fuel unit costs by 1% per year

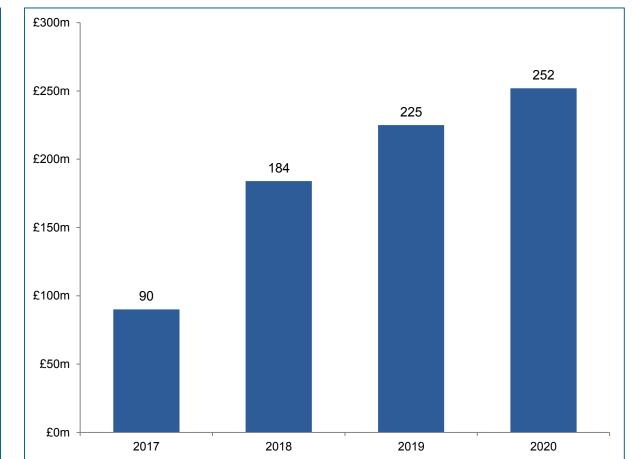
### Restructuring programme launched in 2016



- Programme announced at CMD 2016
  - Aim to make BA employee costs market competitive
  - $_{\circ}$   $\,$  Forecast to deliver £90m in 2017

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### £250m of annual benefits by 2020





Efficient operations

22

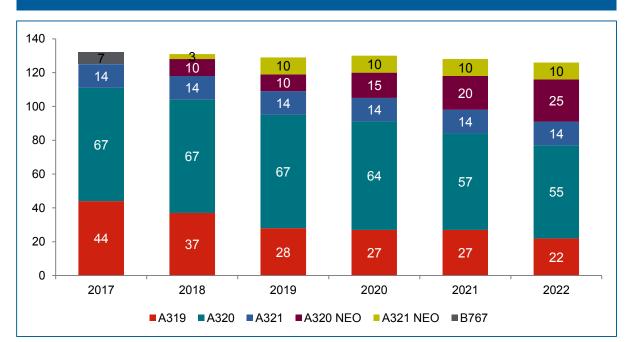
## Heathrow transformation driving efficiency and customer benefits

Check-in	Connections	Ramp & baggage	Boarding
<ul> <li>24 bag drops live, 20</li></ul>	<ul> <li>18 automated gates in</li></ul>	<ul> <li>6 stands using Mototok</li></ul>	<ul> <li>9 domestic boarding</li></ul>
more arriving Q2 2018	T5 connections	for push-back	gates - 47 flights/day
Transaction time c. 50%	<ul> <li>Elimination of queuing</li></ul>	<ul> <li>75% reduction in push-</li></ul>	<ul> <li>Boarding times reduced</li></ul>
quicker than desk	for most customers	back delays	by a third
<ul> <li>'Welcome Hosts' at T5</li></ul>	<ul> <li>Service touchpoints</li></ul>	<ul> <li>Robotic baggage arms</li></ul>	<ul> <li>To be rolled out on</li></ul>
introduced	screens rolling out 2018	being trialled	international flights
		BOOM	Self Sendin I customes are use the Self Sure De training and the s
IAG British A	Airways Efficient operations	BRI	TISH AIRWAYS 23

## Change delivered across engineering, head office and sales team

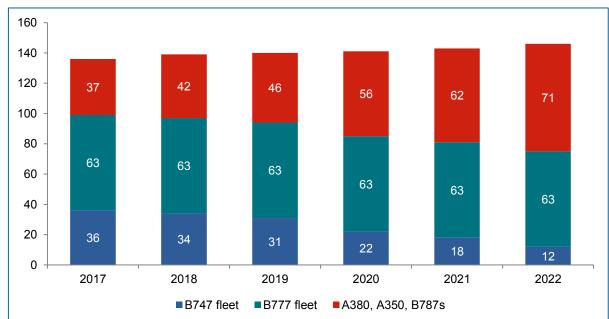
Engineering	Head office	Sales team
<ul> <li>Reduction in engineering management overhead</li> <li>Closure of paint-shop at Heathrow and component overhaul at Hayes</li> <li>Short-haul line maintenance outsourced (overseas stations)</li> </ul>	4,684 4,147 4,147 3,617	<ul> <li>Sales support headcount reduced by 31% by automation and centralisation</li> <li>New inside sales hub set up in Dublin targeting SME sector</li> <li>36 properties exited delivering £2.3m annual saving</li> </ul>
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<b>IAG</b> British Airways	Efficient operations	BRITISH AIRWAYS 24

## Fleet efficiency delivering unit cost savings



#### Short-haul efficiency driven by up-gauging

### Long-haul efficiency driven new generation aircraft



- New gen aircraft ~ 30% more fuel efficient than B747
- 37 deliveries, 27 retirements; B747 fleet exits Feb 2024
- £150m fuel benefit over next 5 years (based on \$500/mt)



NEO delivers airport charge reductions

•

New cabin configuration on CEO aircraft

Up-gauging increases average seat count

Efficient operations

7%

benefit

25

## **Growth drivers**

		contribution
North America	<ul> <li>Leading network from London to North America</li> <li>Reinforce existing gateways through aircraft gauge and frequency additions</li> <li>Develop new markets – new route launches to Nashville, New Orleans and San Jose (California)</li> </ul>	
LatAm	<ul> <li>Significant recovery in performance on Brazil and Argentina routes</li> <li>Santiago (Chile) well ahead of expectations in first year of operation</li> <li>LATAM JV in 2018 will enable further opportunities for network growth</li> </ul>	
Short-haul	<ul> <li>Heathrow – hub connections growth in line with long-haul expansion</li> <li>Best business schedule &amp; ongoing growth of short season leisure</li> <li>London City – pursue growth in fast expanding east London catchment</li> <li>Gatwick – new cost structures and A320 fleet enable leisure competitiveness</li> </ul>	
Rest of world	<ul> <li>Strong margin evolution over last 12 months</li> <li>India, Japan, South East and North Asia growth potential through frequency and new destinations</li> <li>B787-8/9 fleet key enabler of new market entry</li> </ul>	





Growth

## Margin drivers

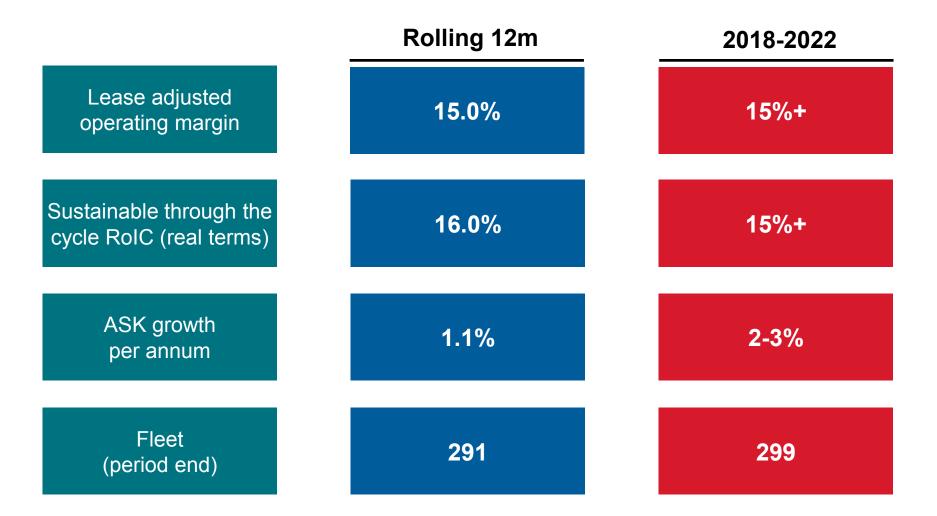
		contribution
Unit revenue	<ul> <li>Digital transformation of ba.com and the app</li> <li>Ancillary revenue growth through ba.com and through NDC</li> <li>SME sales growth through new Dublin based Inside sales team</li> </ul>	
Fuel efficiency	<ul> <li>New generation aircraft ~ 30% more fuel efficient than B747</li> <li>18 A350s and 14 B787s to be delivered over next 5 years</li> <li>24 B747s retired over next 5 years</li> </ul>	
Employees	<ul> <li>Restructuring programme to deliver £250m of benefits</li> <li>Formal consultation on proposal to close BARP &amp; NAPS pension schemes</li> </ul>	
Suppliers	<ul> <li>Focus on reducing overseas airport charges</li> <li>Leveraging IAG procurement and GBS</li> <li>Engineering transformation via IAG maintenance strategy</li> <li>Fleet efficiency through up-gauging and lower charges for new aircraft</li> </ul>	





Margin

## **BA plan aligned with IAG targets**







# **British Airways**

## Alex Cruz – Chairman and CEO





## **Key messages**

The fundamentals are strong	Number 1 in London   Strong brand   Dedicated people   Financially fit
Leading punctuality in London	Focus on operational excellence   Exploitation of technology
Significant customer investment	Unprecedented customer investment   Across all cabins   Across all touchpoints
Delivering structural change	Cost competitive platform   Capital efficiency

Creating a sustainable, customer focused airline





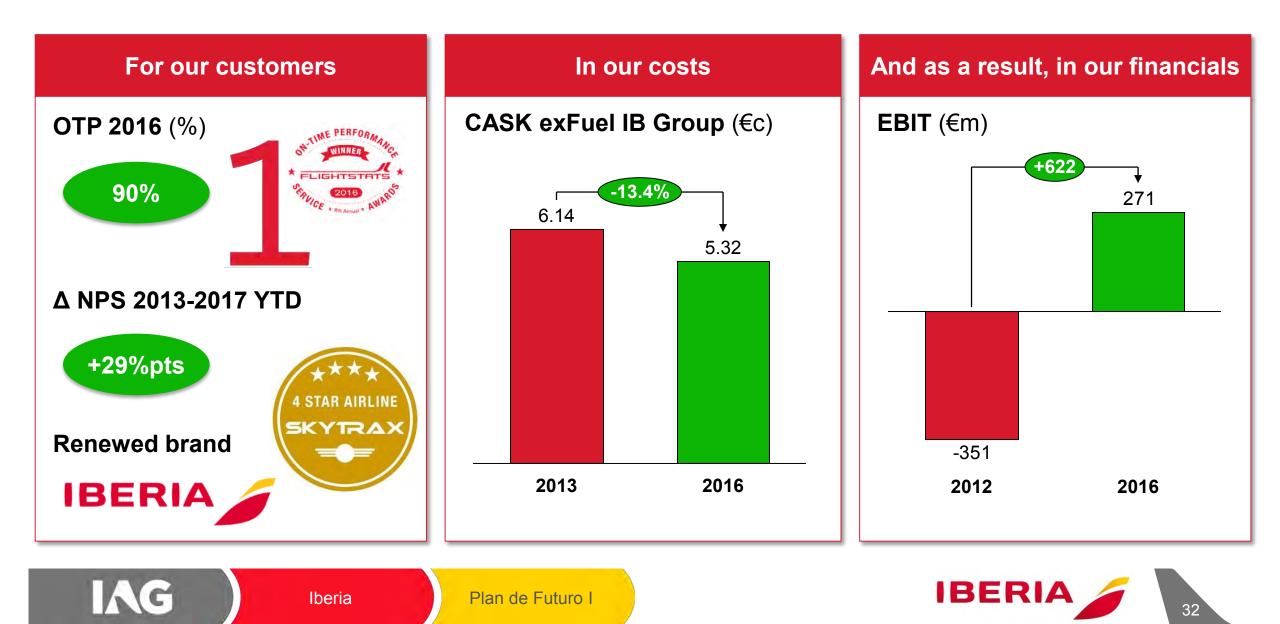
# Iberia

## Luis Gallego - Chairman and CEO

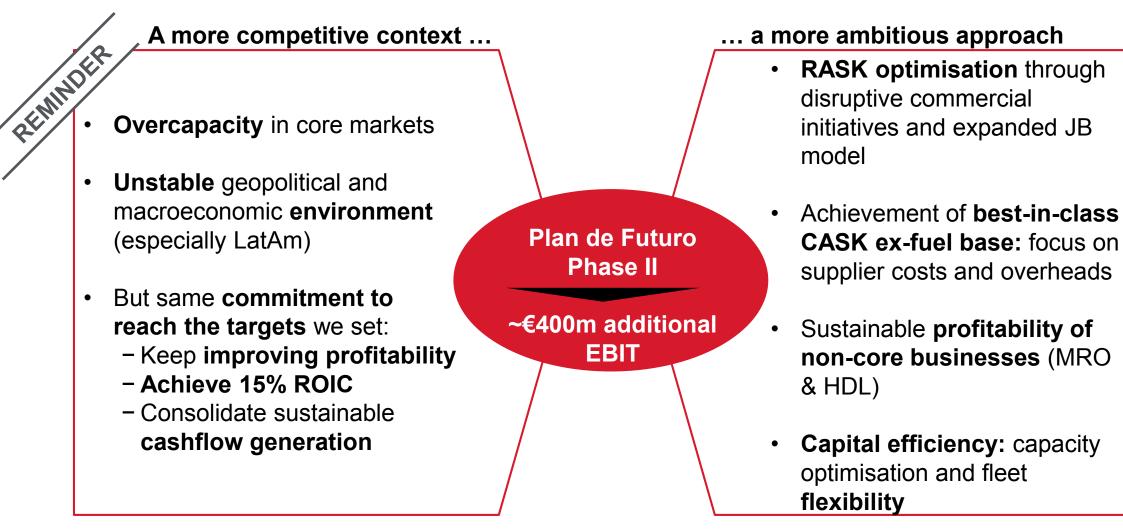




## Iberia has achieved a profound transformation through Plan de Futuro I



# Last year we launched Plan de Futuro Phase II in response to a challenging environment



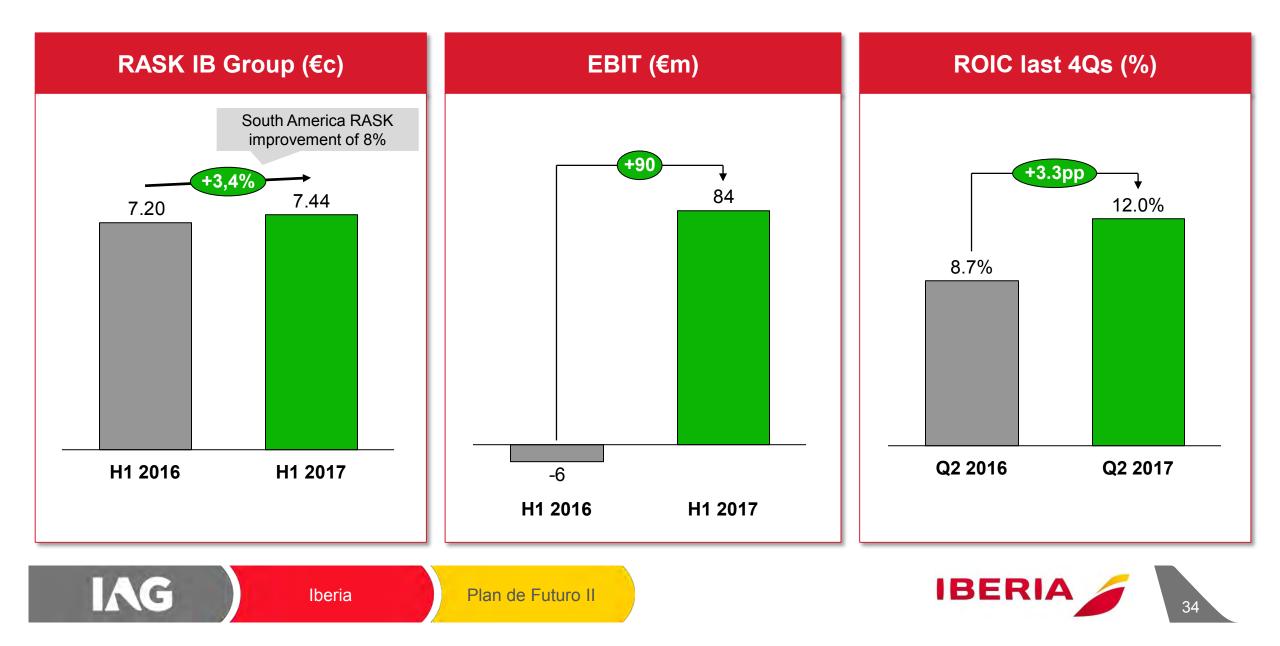
Plan de Futuro II

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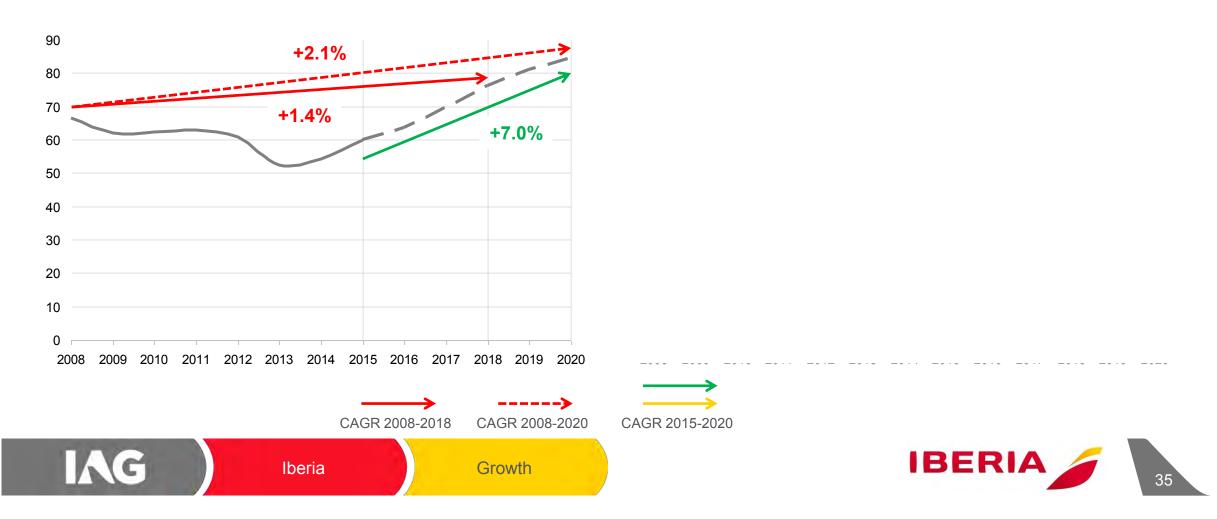


## As a result, Iberia is already stronger...



## ... which makes us confident to return to the growth plan of 2015

### IB capacity plan in CMD 2015 (ASK bn)



## ... which makes us confident to return to the growth plan of 2015

#### 90 +2.1% 80 70 +1.4% +7.0% 60 50 40 30 20 10 0 2008 2009 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2010

IB capacity plan in CMD 2015 (ASK bn)

#### Current capacity plan (ASK bn)



 $2008\ 2009\ 2010\ 2011\ 2012\ 2013\ 2014\ 2015\ 2016\ 2017\ 2018\ 2019\ 2020\ 2021\ 2022$ 



# A reduced cost base plus a continued evolution of our customer proposition will support our growth plans: product transformation



- Full deployment of Premium Economy in all our A330-300 and A340-600 in 2018
- Slim seats up-gauging from 171 to 180 seats in A320 fleet with a proven positive impact on customer satisfaction

#### A350 & A320 NEO arrrival



- Arrival of first A320 NEO and A350 in our fleet
- A350 linefit with Premium Eco and high speed inflight connectivity

High Speed inflight connectivity deployment

- ed ity nt
- All WB fleet in scope<sup>1</sup> with high speed connectivity installed in 2018
- Boost NB connectivity implementation

Note: <sup>1</sup>Installation not in scope in aircraft to be retired soon. WB fleet in scope totals 72% of our 2018 WB fleet





# A reduced cost base plus a continued evolution of our customer proposition will support our growth plans: Customer Journey full review



#### **New CRM**

- New CRM to understand needs of close to 9m active customers to engage and reward them throughout their journey with us
- Customisation will be the backbone of our experience from end to end of our customers' journey

#### **New Distribution Model (NDC)**

 NDC will allow us to enhance our proposition to customers whilst reducing costs by differentiating our content and offering dynamic CRM integration



#### "Experiencia Redonda"

- A fresh new approach in how we solve our customers needs that leads to a cultural change
- Investment in employee awareness, development, and training to achieve seamless communication with customers





## A reduced cost base plus a continued evolution of our customer proposition will support our growth plans: Digital as the key enabler



Customer knowledg	New s	egmentation	Zero AOG AI Experience customisation			
Chatbo	and pe	ersonalisation Crew App	Auton board New connected VIP lounge	ding	Connected aircraft bing portal	Disruption elimination program
E-learnin gamificati	g/ on E	Crew training Experiencia Redo	Digital Pre nda Loung	mium C	•••	uption Platform Baggage
	nation form Crew (		HDL Digital ansformation	(	Operational Co	tracking
IAG	Iberia	Digital			IBERIA	39

### **Growth drivers**

Growth
contribution <sup>1</sup>

<ul> <li>Grow in key markets to enhance competitive position, particularly in Mexico, and expand to daily operations in other profitable destinations</li> <li>Launch new San Francisco route from Summer 2018</li> </ul>	
<ul> <li>Continued expansion in core markets (Colombia, Argentina, Chile)</li> <li>Launch of new Managua route and upgrade Guatemala service to daily frequency</li> <li>Return to growth in Brazil as market recovery consolidates</li> </ul>	
<ul> <li>Lever Iberia Express' cost-efficiency in key Domestic and European cities</li> <li>Develop Madrid-Barcelona route after implementing joint operation with Vueling in June</li> </ul>	
<ul> <li>Consolidate Takwa raute with additional frequencies up to 5 weakly</li> </ul>	

Rest of world

Short-haul

North America

LatAm

- Consolidate Tokyo route with additional frequencies up to 5 weekly
- Operate Widebody to Tel Aviv

• Moderate growth in Africa (further opportunities under study)

Note: <sup>1</sup>Growth contribution assuming CBA final conditions support further growth





## Margin drivers

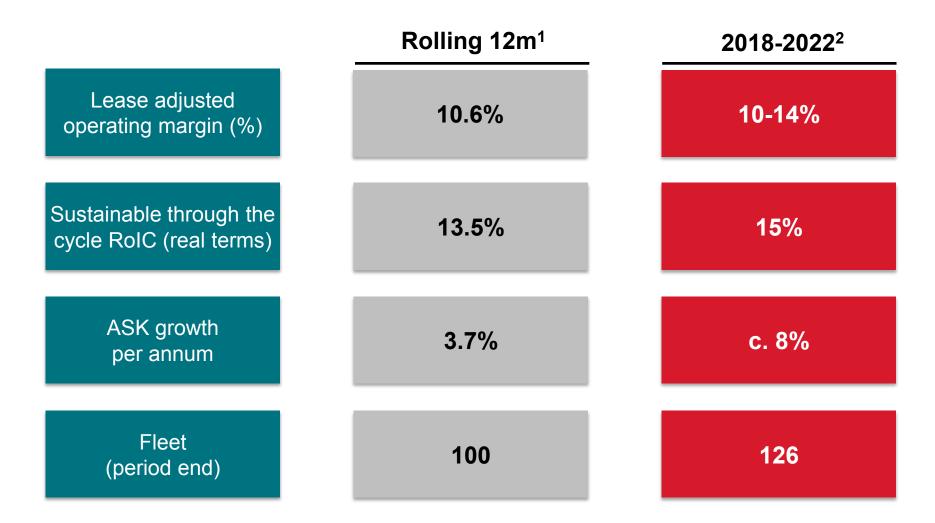
		contribution
Unit revenue	<ul> <li>Impact coming from significant capacity increases in key markets to build a leading position</li> <li>Plan de Futuro Phase II initiatives allow to mitigate unit revenue dilution</li> <li>Incremental revenue from MRO &amp; HDL to third-parties diluted in ASK growth</li> </ul>	x
Fuel efficiency	<ul> <li>Delivery of new generation aircraft to begin in 2018 with the arrival of 2 A320 NEO and 2 A350-900</li> <li>Renewal of 91% of WB fleet by 2022</li> <li>Continuation of efficiency programs and initiatives for reduced consumption</li> </ul>	
Employees	<ul> <li>Execution of collective redundancy program after agreement with unions (ERE)</li> <li>Improvement from new CBA under discussion which should support growth plans which will further reduce Employee CASK</li> </ul>	
Suppliers	<ul> <li>Implementation of Plan de Futuro initiatives with a strong push from digital</li> <li>Leverage IAG platforms, particularly IMS and GBS</li> <li>Higher growth will lower Supplier CASK</li> </ul>	





€ margin

## **Iberia plan aligned with IAG targets**



Note: <sup>1</sup>Rolling 12m includes LEV\EL; <sup>2</sup>ASK growth and Fleet assuming CBA final conditions support further growth. Does not include LEVEL





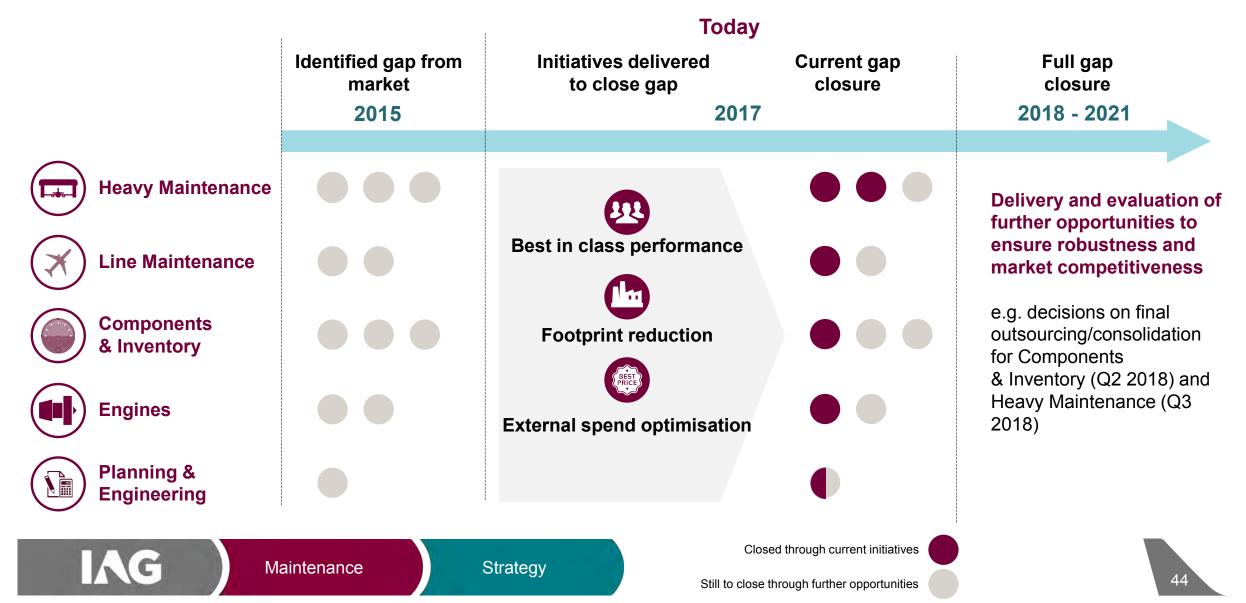
## Maintenance, repair and overhaul

## Luis Gallego – Iberia Chairman and CEO





## Strategy for maintenance has been defined to close gap with market; focus is now on execution and further opportunities



## Snapshot of key initiatives delivered to date in maintenance

#### **Best in class performance**

- Headcount reduced through productivity gains, consolidation and outsourcing
- Implemented lean processes in BA (e.g. tablet based mobile maintenance, advanced defect planning in HM, "point of use" tooling and materials) and IB (e.g. use of mobile devices for line maintenance, gated approach in engine shop and pre induction planning in HM) to reduce cost and turn around times
- Management structure simplified at IB and BA allowing a more agile decision making

#### **Footprint reduction**

- BA paint hangar closed and component repair activities in London ceased
- IB returned 2 leased line maintenance hangars and leased out 2 owned heavy maintenance hangars in Madrid. IB component shops in Madrid airport consolidated into IB owned premises & leased floor space returned
- Line maintenance activities in outstations outsourced (e.g. 19 stations in Europe) and consolidated for Group airlines (e.g. North America and Group hubs)

#### **External spend optimisation**

- Reviewed and aligned contract specifications (e.g. line maintenance and component repair)
- Leveraged Group volume to reduce external spend (e.g. engine repair)

AG



Building surface reduction

## 80,000m<sup>2</sup>

(13 football pitches)

Supplier spend reduction<sup>1</sup> **10%** 

# Vueling

## Javier Sánchez-Prieto - Chairman and CEO





## Returning to controllable and profitable growth





#### We delivered...

Phase 1 of Vueling NEXT has successfully restored operational and financial performance whilst also rebuilding customer trust



#### ...we are resetting our

model with our customer at the centre... With strong focus on customer experience, cost transformation and internationalization emanating from our core markets



...and we are entering the NEXT phase: a return to growth Our business model is now being redesigned for the next chapter of growth at c.10% p.a. from 2018

## For Vueling, THE BEST IS YET TO COME





#### We told you last year that Vueling was starting a new phase of transformation... vueling® Nex We have begun a new 2018 - 2022 chapter for the company 2016 - 2017 2011 - 2015 2009 - 2010 Resume 2004 - 2008 Fix the growth basics +10% p.a. 🛧 IAG 108 integration Vueling and Sustainable and Clickair merger profitable growth Creation of Strengthen all 104 for our core dimensions to fit Vueling 38 🛧 the current company size 18 🛧 IAG

vueling



Vueling

### Vueling NEXT: what we have done so far ...



Operational Excellence and Cost Discipline

- New Senior Leadership team
- Re-engineered Op Specs for operational resilience (e.g. turn times, block times)
- Re-designed playbooks for managing irregularity and recovery
- More resources at Airports
- Increase in utilisation and productivity



AG



Sustainable and Profitable Network

- Profitability driven Network
   design
- Focus on better balancing depth and breadth across the network
- More efficient base structure (e.g. new model in Italy)
- Night flight reduction
- Smarter use of schedule buffers and back-ups





Reliable Customer Proposition

- Implementation of new
   Customer Standards
- New boarding process
- More efficient and effective disruption management
- Call Centre transformation
- More digital and self-service customer experience solutions
- New Customer Intelligence
   platform





High Performing Organisation

vueling

- Launch of "We love working together" initiative
- Launch of new self-service HR tools for administrative processes
- Increased employee engagement (improving crew scheduling; enhancing recognition and better internal communication)



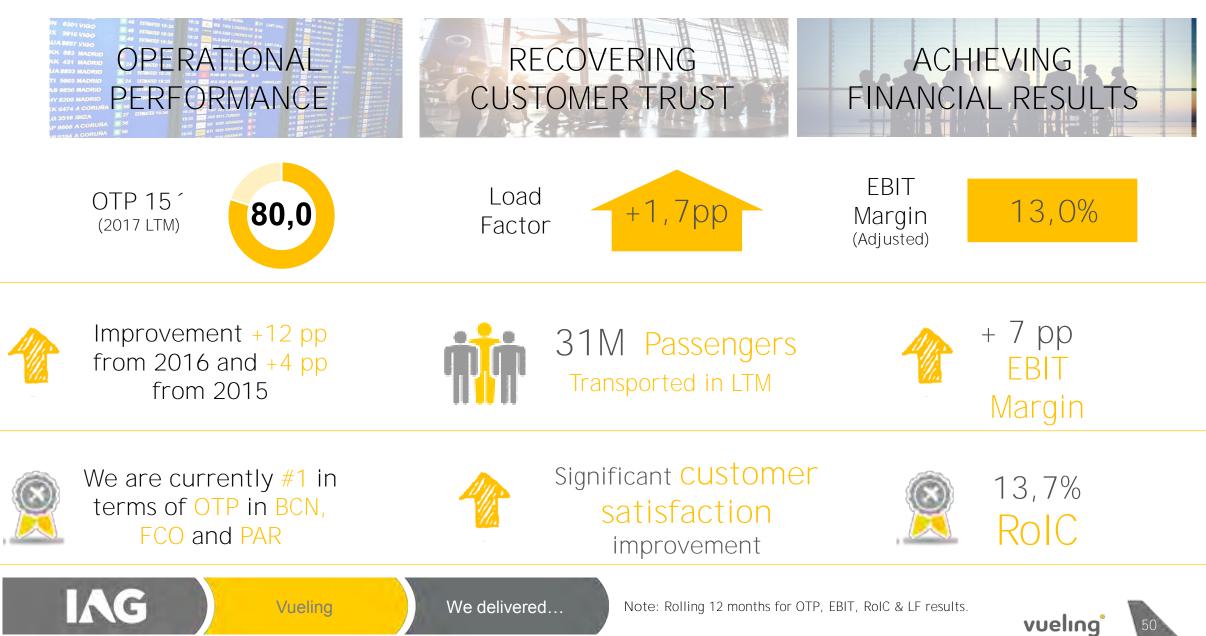


We delivered...

vueling

#### ... to deliver on our targets





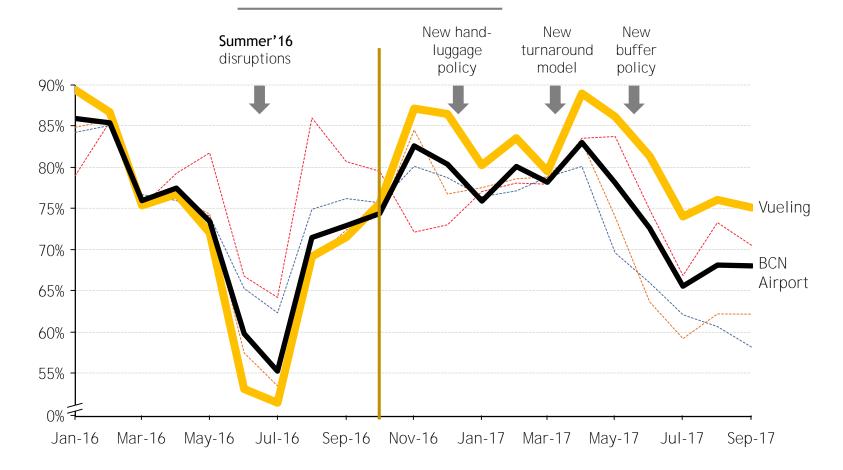
Our early results have shown dramatic improvement: better OTP than main competitors in our main airports



Summer **'17 OTP** 



IAG



#### BCN OTP

We delivered...

Vueling

Note: **D15 OTP for all network. For Summer '17 June, July** and August have been included. Datasource: Flightstats



As we also told you last year, Vueling NEXT Vision puts the customer at the centre of everything we do





Customer Centric smart, digital, young, value maximising



To be the FIRST choice for target CUSTOMERS in the MARKETS we SERVE

#### Market Development

Building stronger positions in the flows to Spain and developing our footprint in Italy and France Winning Value Proposition Reliable and consistent Low prices built from low cost base Service leadership - delivering with care





vueling

IAG

Our Vision

### We focus our efforts on the value customers ...





Attracting, engaging and retaining smart, digital, young and value maximising customer

We will also deliver a smarter business product for our value conscious business passengers in the markets we serve



Our model

Vueling

IAG

The "value conscious" segment is a €30bn-€40bn sized market (300m - 400m passengers) ... and the fastest growing in Europe

3





I.C

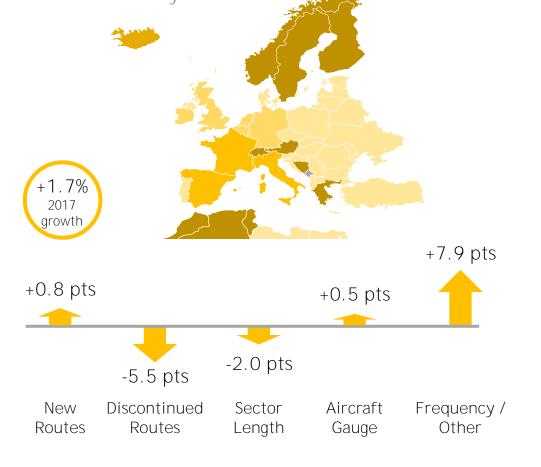
## and have started with the Market Development

A more pan-European company, first leading in the flows between Spain and Europe and developing our positions in France and Italy

3

5

Our model



Vueling

Increasing brand relevance in our core markets

Identifying growth opportunities within our core markets

Looking for selected growth opportunities outside our core markets

Building a more robust network in terms of market relevance

At this stage we prioritize depth over breadth after the international expansion of the previous years



vueling



## Innovation and digital... Vueling's DNA

Firstly, we focused on FIXING THE BASICS

- Aircraft commonality retrofit plan and cabin interior revamp (including slim seats)
- Wi-Fi and in-seat power supply in our aircraft
- Kiosks with self-bag drop in BCN
- Knowing our customers better: Unique customer identifier (UCI)



I.C

Now, we continue investing in LEVERAGING DIGITAL & INNOVATION to achieve a stand-out customer experience

Creation of Data & Analytics Team (30+ • people): tools for fuel efficiency, reduction of queues in main airports, sales management

An improved organisation more oriented to

Innovation, Digital and Data

- Adoption of AGILE methodology: +100 releases per year, +2 per week
- Innovation LAB
- Continuous collaboration with start-ups (150+ people / 10+ Co. in two sites)



 Ease of customer management: Artificial intelligence and natural language processing for automated messaging (BOTs)

Working on how to improve the customer

experience

- Continuously improving user experience: EVA virtual assistant
- Greater accessibility by the use of mobile: leveraging best-in-class booking process (+37% in the LTM)
- 1<sup>st</sup> adopter in automatic payment methods: Amazon Pay, Android Pay and Apple Pay
- Customer data insights: Loyalty Program Vueling Club by AVIOS
- Better use of information to help customers: Crew connectivity



Digital / Innovation

### Vueling NEXT: what is coming ...



Operational Excellence & Cost Discipline

- Cost as operational • focus
- Increase in utilisation (+19%) and reduction in seasonality
- Supplier cost effort as part of GBS and IMS Group initiatives



IAG



Sustainable & Profitable Network

- Continue building • leadership positions
- Opportunities in our • current core markets
- Redesign of go-to-• market model and revenue management





Reliable Customer Proposition

- Focus on digitalisation • and automation
- Building consistency •
- Deliver with care and • warmth: the launch of Vueling Academy





High Performing Organization

vueling

- Efficiencies and productivity gains
- Engagement •
- Attract and develop the best talent



The three elements of cost, service and network will drive differentiated advantage going forward

NEXT







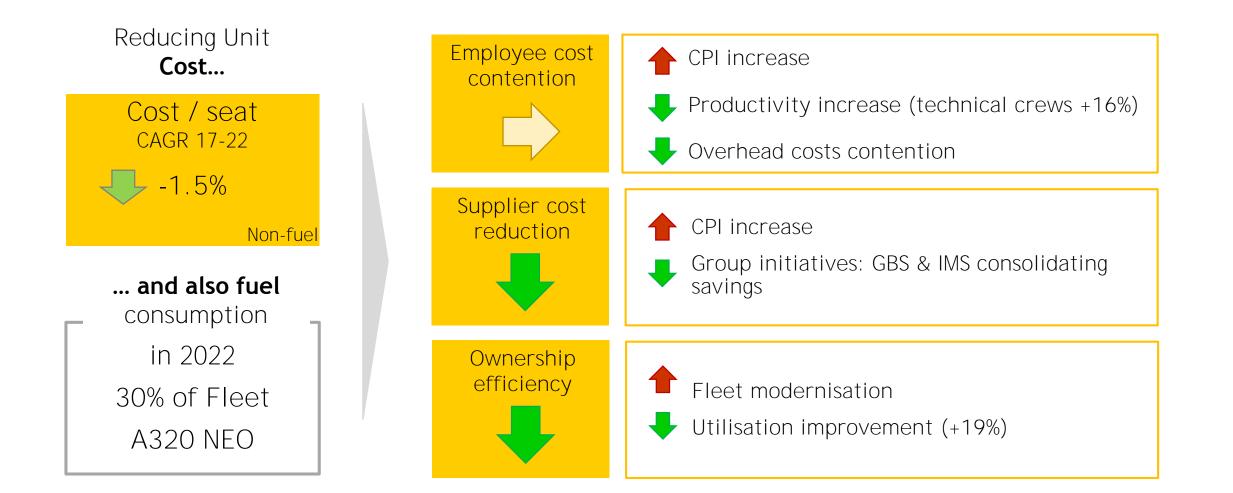






For example: how we are working on the cost reduction during the period







Note: Cost per seat @ ccy



vueling After fixing the basics we are returning to Growth We have started the second phase ne Growth contribution • Strengthen Spain as our top market in Europe Domestic Strategic priorities • Continuous focus on the leisure segment Spain 2016-2022 • Improved schedules and connectivity Resume growth Strengthen the • Become the first choice in Spain-Europe base flows Spain -• Leadership in key cites from Spain to Yualing com Europe Europe and from Europe to Spain HANGE • Enhanced Go to Market model Continue developing international vueling com footprint leading the flows between Spain and Italy/France Int'l 2016-2017 2018-2022 • Selective growth opportunities • Alignment with our strategy











		€ margin contribution
Unit revenue	<ul> <li>Increased utilisation through reduction of complexity and seasonality</li> <li>Adapted revenue management to increase load factor over the period</li> <li>Increased sales of ancilliaries (e.g. push sales at airports and new products)</li> </ul>	
Fuel efficiency	<ul> <li>Fuel efficiency on new aircraft entering the fleet (A320-NEO)</li> </ul>	
Employees	<ul> <li>Continue improving productivity through resource optimisation and crew planning</li> <li>Enhance employee engagement</li> </ul>	
Suppliers	<ul> <li>Leveraging IAG Group platform on purchasing, technology and innovation</li> <li>Increased utilisation through reduction of complexity and seasonality</li> </ul>	





## Vueling plan aligned with IAG targets



	Rolling 12m	2018-2022	
Lease adjusted operating margin (%)	13.0%	12%-15%	
Sustainable through the cycle RoIC (real terms)	13.7%	15%	
ASK growth per annum	2.1%	c. 10%	
Fleet (period end)	107	150	







## **Alistair Hartley**

## IAG Head of Group Strategy & Development

## Assessing low cost long haul opportunity for some time







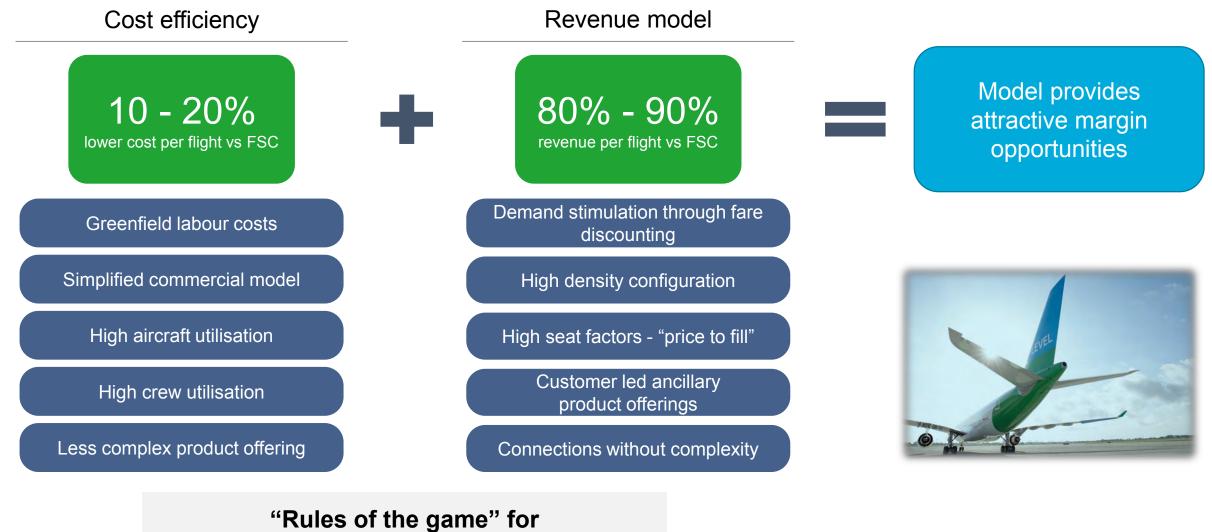


Ignoring threat from low cost entrants can be damaging Value proposition that resonates with customers

Evidence of model's success in certain regions of the world

Assessment of external environment indicated potential of the business model

# Cost structure <u>AND</u> commercial approach drive attractiveness of model



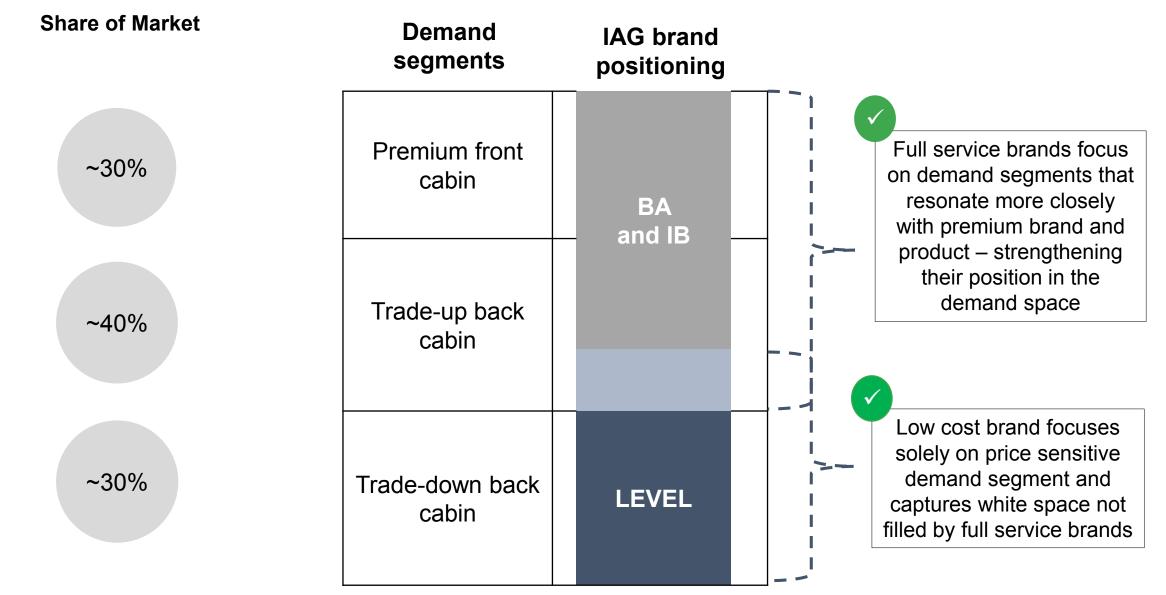
low cost long haul

## Distinct brand unlocks ability to deliver "dual brand" strategy



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#### European Long Haul Market (Illustrative)



## IAG is equipped to be a leader in the space





#### **Best-in-class costs**

Pursuing greenfield costs or leverage IAG scale where appropriate

#### **Commercial levers**

Code-sharing where appropriate and leveraging Avios

#### **Connectivity options**

Build connections with Vueling or with partner carriers

#### IAG operating model

Successfully managing portfolio of brands with "plug and play" operating model Early signs of business are encouraging, despite short time frame to launch

#### Customer

- Strong brand resonance
- c.75% 80% demand for fully unbundled product
- Strong demand stimulation
  - >50,000 bookings in first 24 hours

#### **Financial**

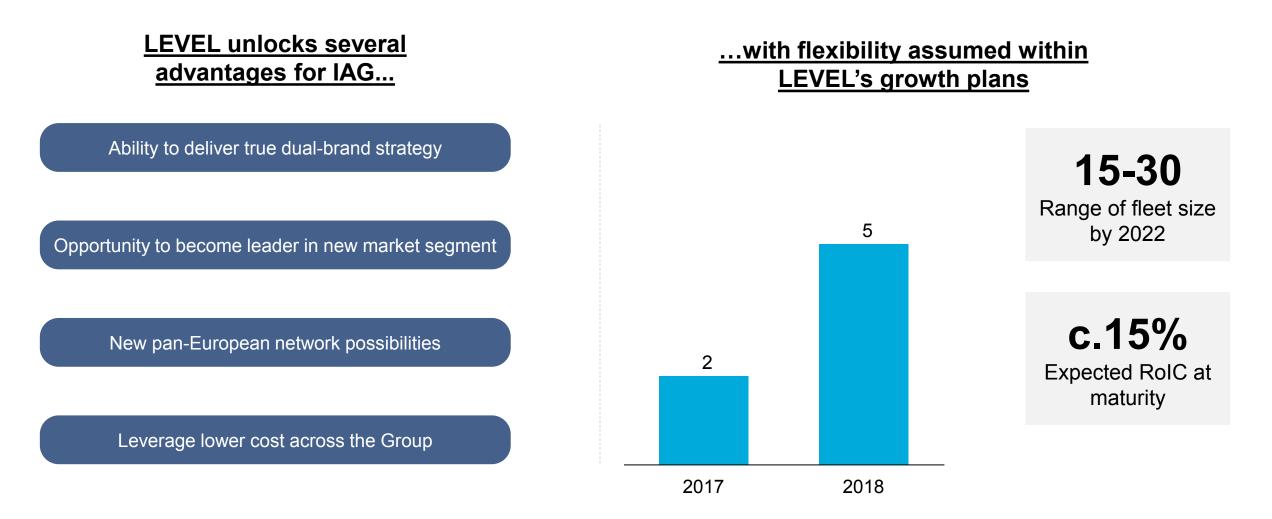
- Load factors exceeding expectation (c.90%) since launch
- Profitable year 1 excluding oneoffs
- Non-fuel unit costs ahead of target

#### Organisational

- Establishment as standalone business with own AOC underway
- Dedicated management team currently being established

Great early indicators given short time frame to launch. Confidence in further expansion opportunities Conclusion: Strong rationale for IAG to participate with business expected to perform in line with Group targets





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## Aer Lingus

## Stephen Kavanagh - CEO

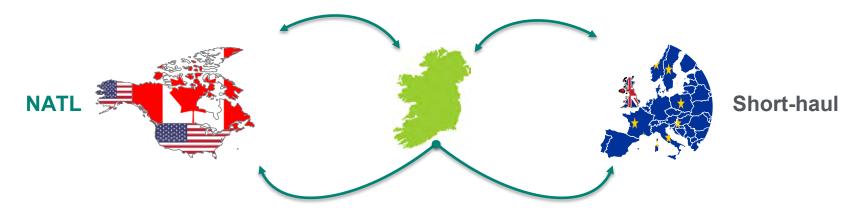




## **Continuing to execute our strategy**

#### **Mission Statement**

"To be the **leading value carrier** across the North Atlantic...Enabled by a **profitable and sustainable shorthaul network**...Supported by a guest focused, brand and digitally enabled value proposition...Delivering above average returns on invested capital for our IAG shareholders."



- Leveraging Dublin as a Hub
- Managing our network, partners and organisation
- Creating a compelling connection proposition
- Growing in areas with further potential

- Achieving a competitive market share position
- Driving CASK in line with external benchmarking
- Delivering competitive schedule depth
- Utilising the franchise model for network breadth

A Demand Led Value proposition centred on COST, PRODUCT and SERVICE

With an Operating Model that is simple by design



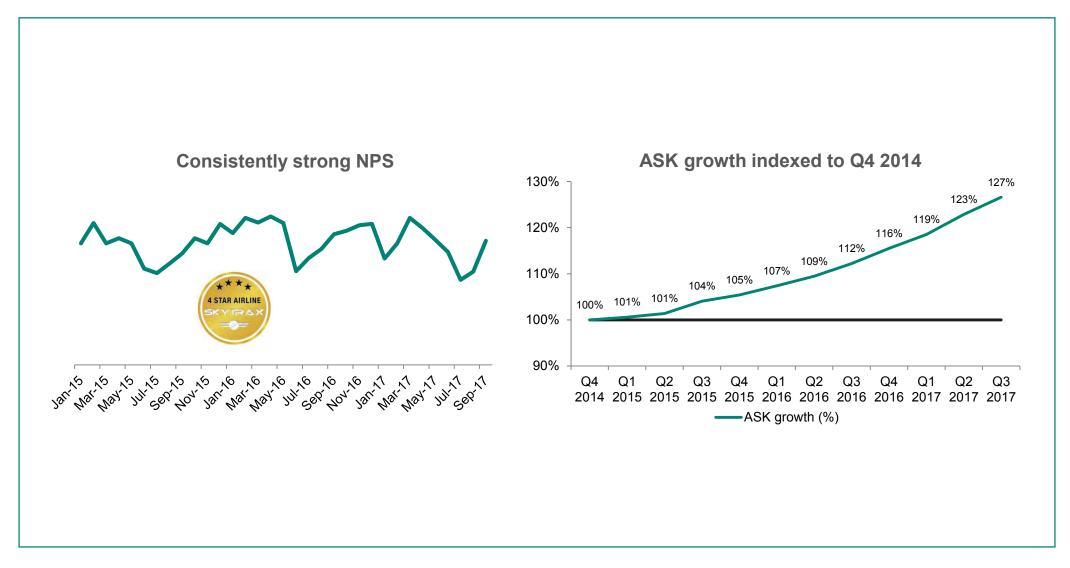




### Our value model cycle



### Our value model continues to perform

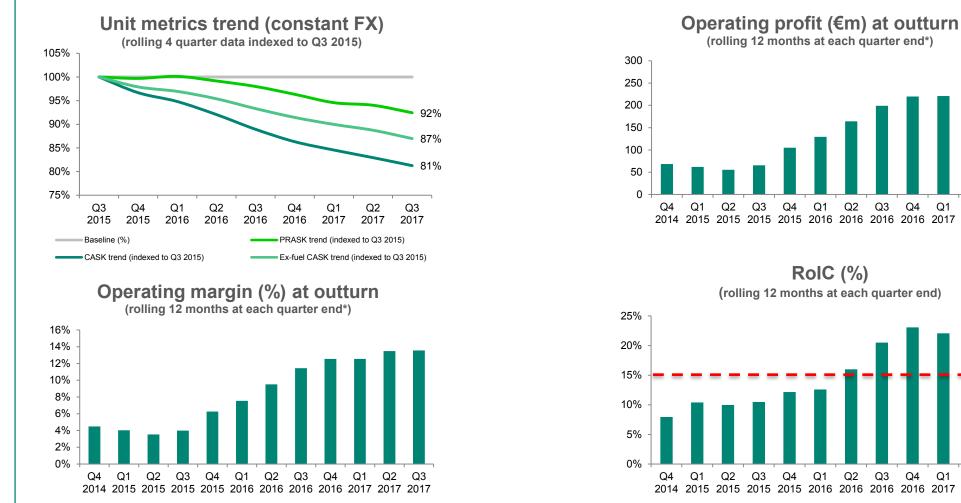






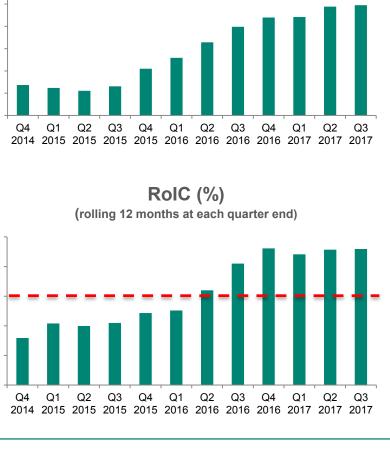
### Our value model continues to perform

Aer Lingus



\*Normalised to exclude certain non-recurring items

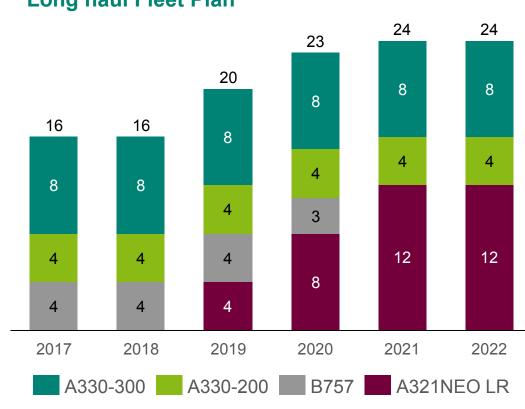






### **Fleet growth**

IAG



Aer Lingus

Network and fleet

#### Long haul Fleet Plan

- Long haul ASK growth of c8% CAGR
- S17 12 routes and 101 weekly NATL rotations
- New routes and c.55% increase in weekly NATL rotations
- Leveraging the A321NEO LR for next phase of growth
- RoIC > 15% between 2017 and 2027
- Potential opportunistic upside in 2018



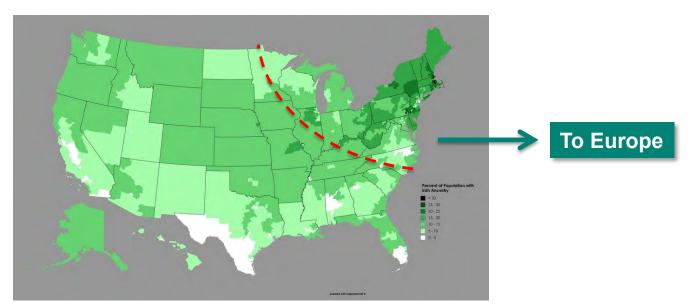
## Leveraging the A321NEO LR

**Opening Up New Markets** 

A narrow-body aircraft with wide-body economics providing access to new markets

### **Creating Value**

Drives aircraft utilisation benefits and opens up crew efficiency opportunities



### **Deployment Flexibility**

A321LR can fly long-haul and short-haul sectors and improve network reach

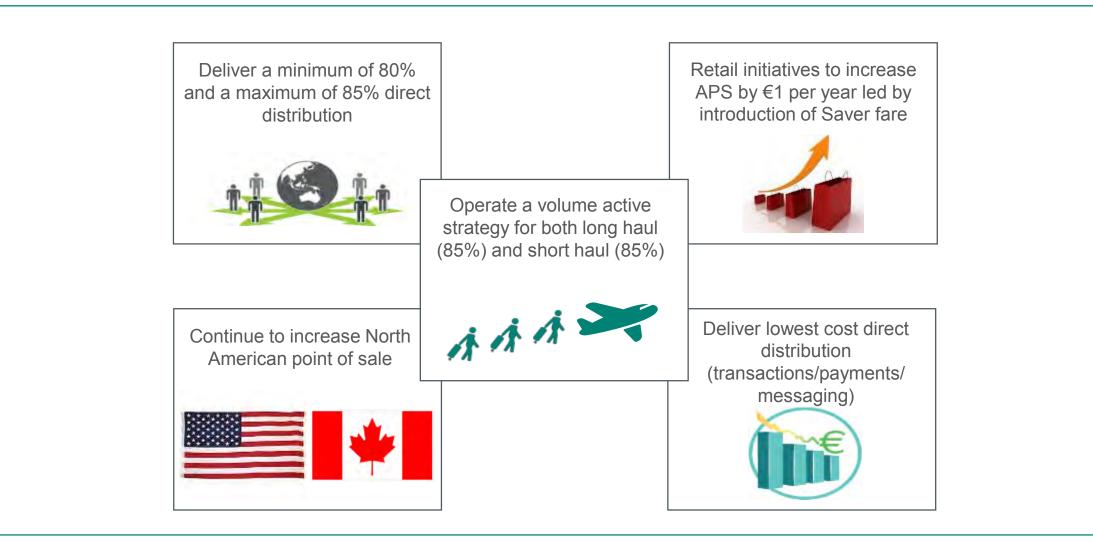
### **Product Consistency**

Provides additional flow and O&D opportunities with consistent product end-to-end





### **Enhanced commercial offering**









### **Brand resonance in our home market and North America**

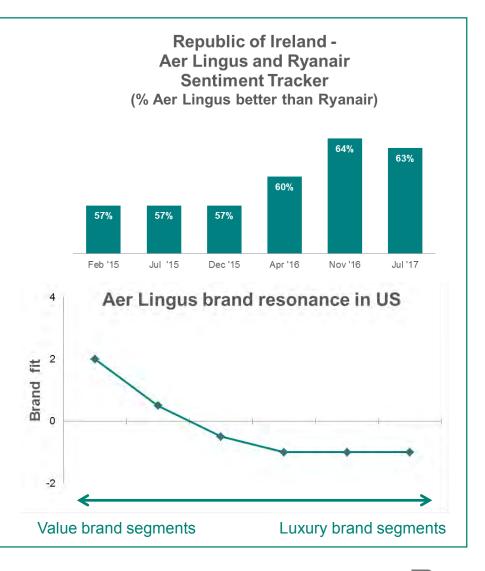
- Core brand values:
- o Value for money
- o Empowerment

KC

- o Guest choice and guest permissive
- o Consistent process and service delivery
- o 'Under promise and over deliver'
- Brand successfully re-positioned to value carrier in home market
- Erosion versus Ryanair reversed: Aer Lingus identified as *The Smart Value Carrier Choice*
- In the US, Aer Lingus better positioned to exploit in value brand segments than major competitors

Brand

Aer Lingus







## **Digital Growth**

		Our Ambition	
Leading Mobile Web player in Value Carrier Space	Major investments made to drive granular personalisation	Deliver the highest and most sustainable Retail revenue streams in the Value Carrier Sp	practitioner in the airline
		A Construction of the cons	
Арр	Retail Check-in	Pre-order Buy from seat	Onboard content
WiFi	RFID baggage tracking	Connecting gate information	Ground experience
Crea	te an end-to-end o	digital experience for all	l our guests
	Aer Lingus Digital &	& IT	Aer Lingus 🥠

### **Growth drivers**

	Growth
CC	ontribution

Europe	<ul> <li>Low single digit ASK growth – resourced through asset utilisation, load factor targeted before increased investment in fleet assets</li> <li>Capitalise on profitable SH network and maintain relevant position in key European markets</li> <li>Growing European leisure markets</li> <li>Higher asset utilisation through SH integration of A321 LRs</li> <li>Use of ACMI to counter seasonality effect in our network</li> </ul>	
North America	<ul> <li>Building network breadth and depth</li> <li>Simple fleet mix that allows right platform for right mission</li> <li>Build on strength of our brand in NA</li> <li>Unbundled product (Saver fares) that increases guest choice, drives market competitiveness and is consistent with brand values</li> <li>Network opportunities with planned entry into AJB</li> </ul>	••







### **Margin drivers**

€ margin contribution

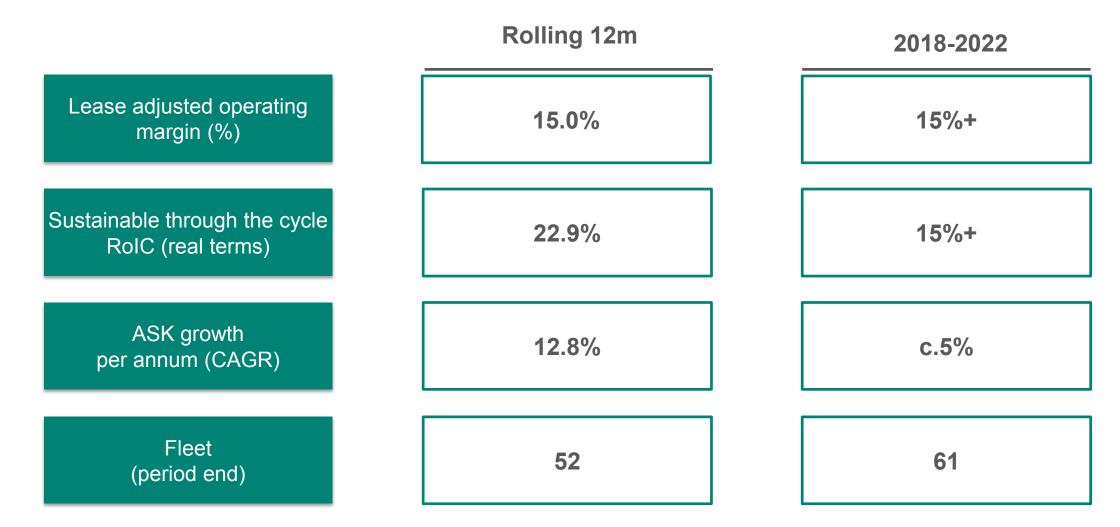
Unit revenue	<ul> <li>Value proposition</li> <li>Digitally enabled retail initiatives used to partially offset pressure on unit revenue impacts</li> <li>Exploiting AerClub with Avios</li> <li>Developing Partner relationships</li> </ul>	X
Capital efficiency	<ul> <li>Opportunistic fleet strategy</li> <li>Appropriate mix of owned vs leased aircraft</li> <li>Driving asset utilisation</li> <li>Optimal aircraft configuration</li> </ul>	
Employees	<ul> <li>Building critical skill sets</li> <li>Efficient ASK growth and asset utilisation</li> <li>Containing investment in support activities</li> </ul>	
Suppliers	<ul> <li>Utilising IAG leverage to identify cost synergies</li> <li>New engine deals</li> <li>Airport user charges an important target area</li> <li>Network growth designed for efficient unit cost and drives economies of scale</li> </ul>	







# Aer Lingus plan aligned with IAG targets









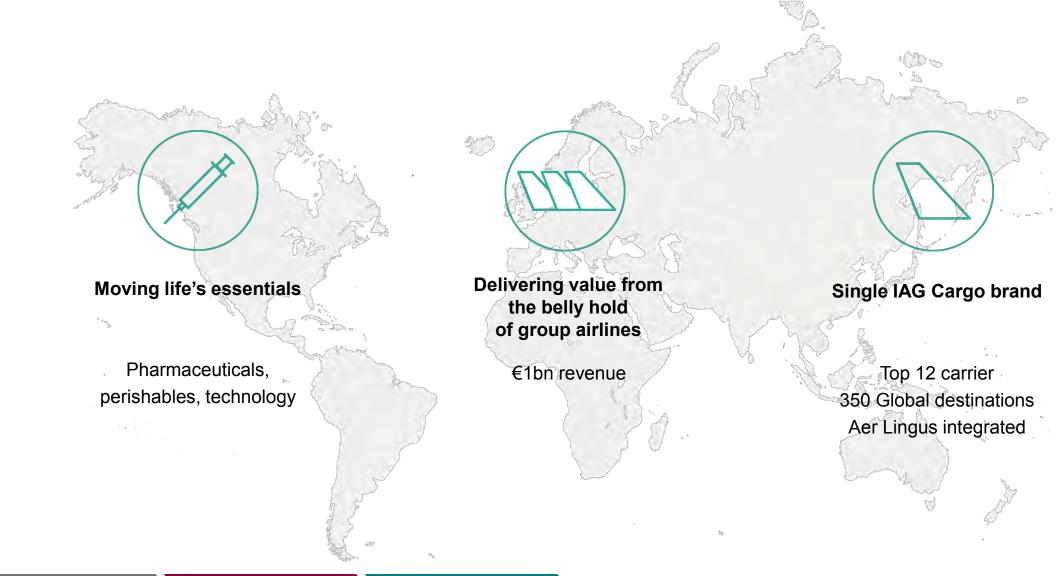
# IAG Cargo

## Lynne Embleton - CEO





# IAG Cargo

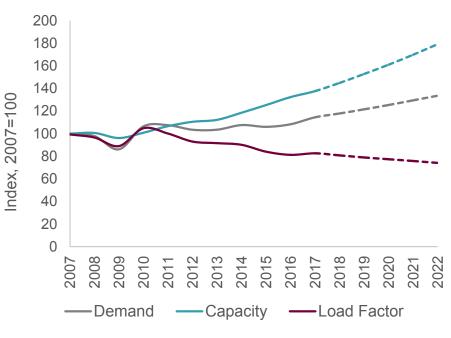




# A dynamic, global air freight market



**Global Capacity, Demand and Load Factor** 



Demand - Seabury World Trade and Capacity Databases

Market is historically variable IAGC network strength allows us to tap into global flows

#### Long term trend of supply exceeding demand

IAGC has capacity discipline (no freighters) and uses partner network where necessary



## **Strategic priorities**



Earn customer loyalty

Prioritise premium



Secure growth into OpCo capacity



Enhance contribution through technology

High performance, easy to do business with

New Premia building, industry verticals Build partnerships, increase throughput

Pricing, eFreight, unit build, tracking, e-commerce



# **Earning customer loyalty**

### Easy to do business with



New website launched

### Earn through operational performance

Acceptance

& scanning







Service recovery

Q\_0

Reward with Forward Rewards

# FWD.REWARDSIAGCargo

'Make Freight Forwarding More Rewarding'



Targeted at the SME freight forwarder market



Ahead of the market



Members spend more

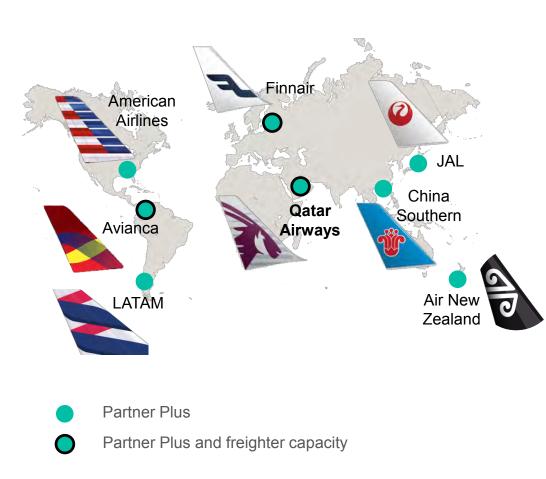


# Investing in premium and verticals



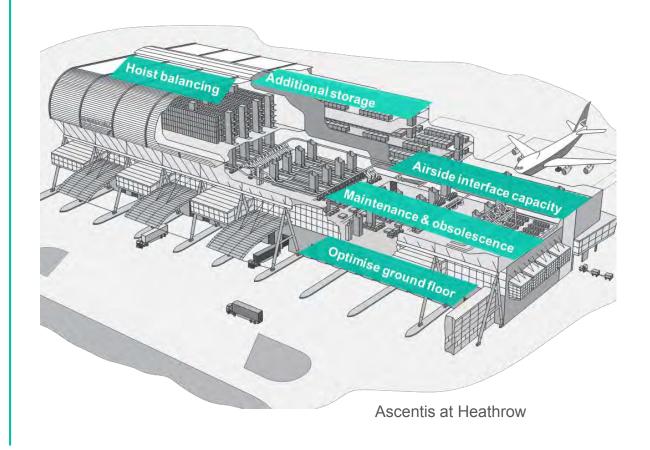


# Securing growth through partnerships and infrastructure



Feeding IAG OpCo capacity through partnerships

Targeting infrastructure bottlenecks

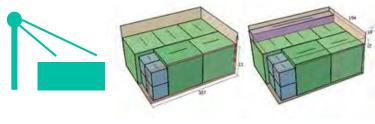




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# **Exploiting technology across the business**

#### Better asset utilisation Tracking Scanning and unit build optimisation 0 0 E) Finding Enable Ancillaries Hub asset freight utilisation customer devices faster Support yields Reduce costs **Driverless trials** Dynamic pricing and upselling eFreight



IAG

Arrives	PROMO	CPA.	PF	REFERENTIAL	MARKET
17.20pm Thu 08 Dec	Not available	Not available		Not available	Not available
21.00pm Thu 08 Dec	Not available	Not available		Not available	◎ €2,610
13.55pm Fri 09 Dec	Not available	Not available	Q	€1,980	⊙ €2,610
11.05am Fri 09 Dec	Not available	Not available	ø	€1,980	© €2,610



Technology

# Enhancing contribution with Zenda

Cross-border e-retail proposition between Express (1-3 days) and Postal (14-21 days)

MVP offers 4-7 day USA-UK parcel delivery to eRetailers who use Proship



ATUS HISTORY		
Details	Timestamp	î
ZEN Successfully Delivered	04/10/2017	
ZEN Successfully Delivered	04/10/2017	
ZEN Successfully Delivered	04/10/2017	
Track another shipment?		
ZEN88888C2709X0000028	Track	

#### www.live.zenda.global/track-your-parcel

Use the tracking code: ZEN00001A3010X0000018



# **Optimising returns for IAG**



Single brand and global network



Focus on premium



Securing growth through partnerships and targeted investment in infrastructure



Embracing digital opportunities

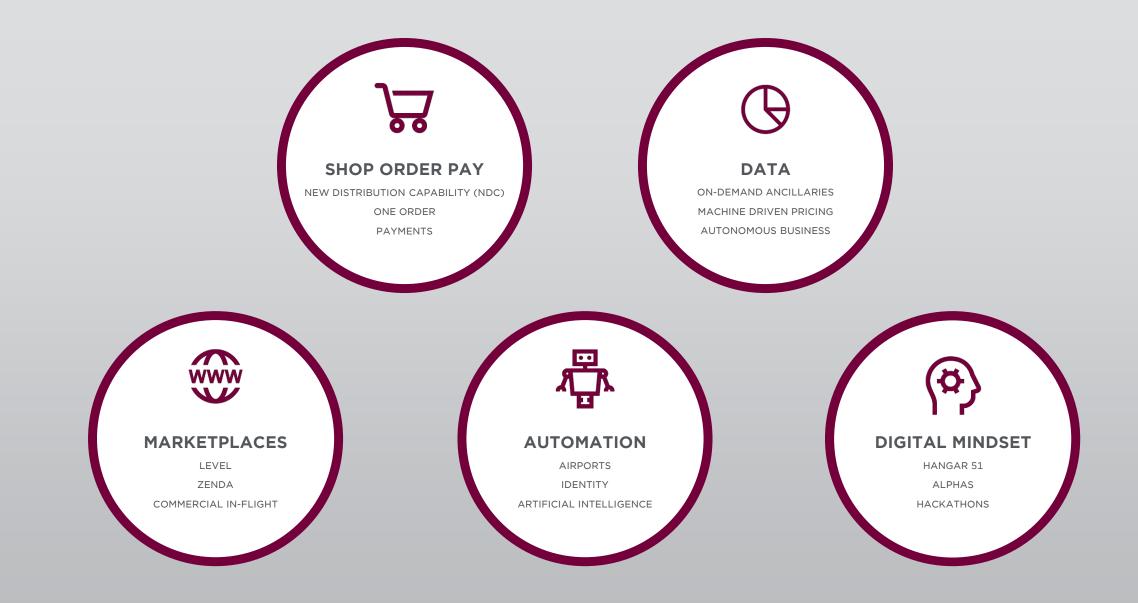


# IAG Digital & IT Strategies

Robert Boyle - IAG Director of Strategy











### PROBLEMS WITH CURRENT AIRLINE SYSTEMS

#### **DISPARATE CUSTOMER RECORDS**

The data in Passenger Name Records (PNR), e-tickets, Electronic Miscellaneous Documents (EMD) and Departure Control Systems (DCS) is duplicated and painful to reconcile.

#### COMPLEXITY AND UNNECESSARY COST

Duplicated, monolithic systems mean longer and more expensive changes.

#### ANTIQUATED OFFER MANAGEMENT

Airlines have limited ability to control and personalise the offer to the customer.

### CANNOT CREATE AND TEST NEW PRODUCTS FAST

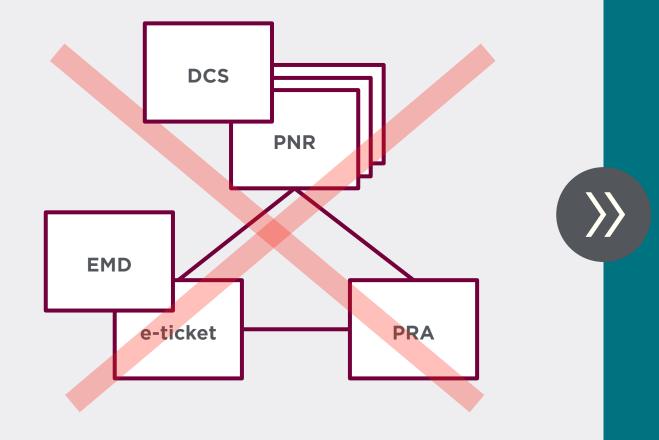
The high complexity and cost impacts the number of revenue-generating and innovative projects IAG can undertake.

#### STAFF TRAINING IS VERY EXPENSIVE

It takes three weeks to train a new staff member on DCS, versus only one day to train a point of sale retail assistant.

### THE FOCUS IS ON THE ORDER, NOT THE CUSTOMER

The customer process revolves around a PNR, not a customer record. There is no single place to hold all orders, preferences and information.







The status of each item within an order is updated in **one place** throughout the entire process

IAG

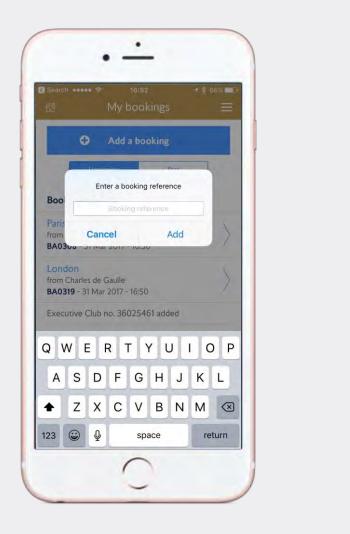
Digital

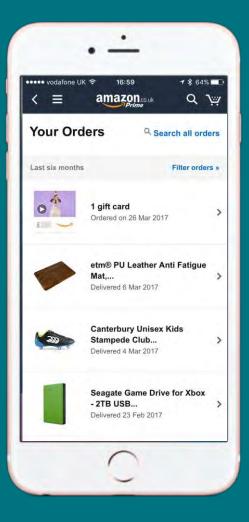
Shop Order Pay

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# **ORDER-CENTRIC**

# **CUSTOMER-CENTRIC**





IAG

Shop Order Pay

VS

### **BENEFITS OF SHOP ORDER PAY**

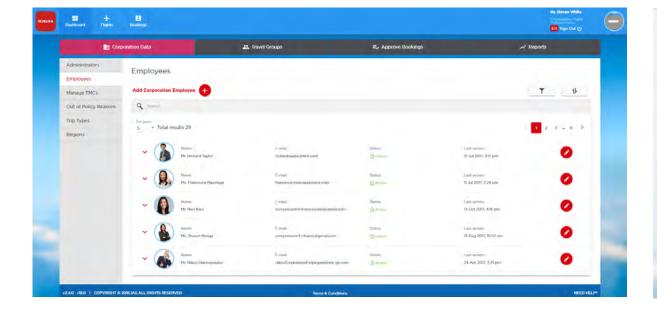




NPS: Net Promoter Score



### NDC BOOKING PORTALS NOW LIVE



			ECONOMY				PREMIUM ECONOMY			BUSINESS	
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**DATA** ON-DEMAND ANCILLARIES MACHINE DRIVEN PRICING AUTONOMOUS BUSINESS

### **TOP HIGHLIGHTS**



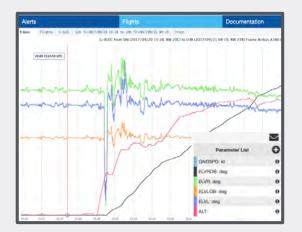
Launched Nexus, the IAG data platform in the cloud



Building a data science centre of excellence to drive our Group Data Strategy

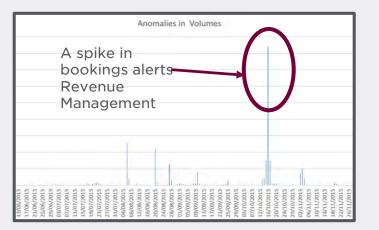
Unifying and simplifying our data governance to comply with General Data Protection Regulation (GDPR)

#### LEVERAGING IN-FLIGHT SENSOR DATA FOR PREDICTIVE MAINTENANCE



AG

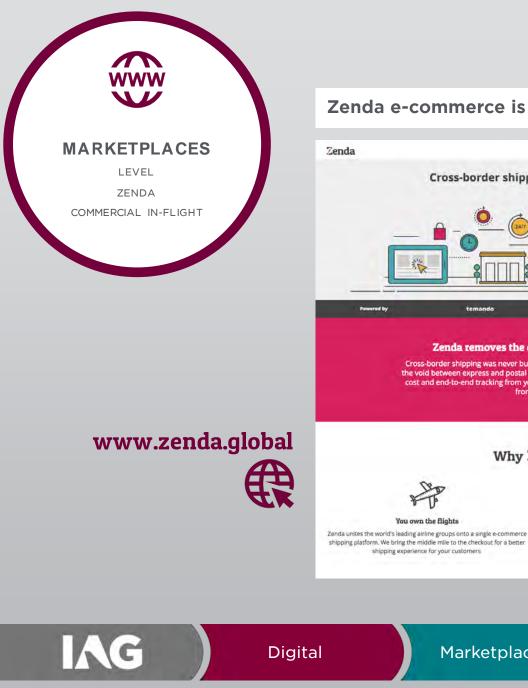
#### **REAL-TIME ANOMALY DETECTION**



#### INTEGRATING DATA TO DRIVE BAGGAGE PERFORMANCE

BA 228							
from BWI							
will arrive a	+ 09:29						
on stand E2							
on stand 53	7						
on stand 53 Aircraft tou	7	vn at O	9:21				
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Aircraft tou	ched dov			(Exp) End	Vehicle ID ET2003 ET2138	Loc 537 537	Status

Data



### Zenda e-commerce is now shipping



#### Zenda removes the challenges of shipping

Cross-border shipping was never built with simplicity - until now, Zenda fills the void between express and postal delivery, with a single affordable upfront cost and end-to-end tracking from your fulfilment center to your customer's front door.

Why Zenda?



Marketplaces

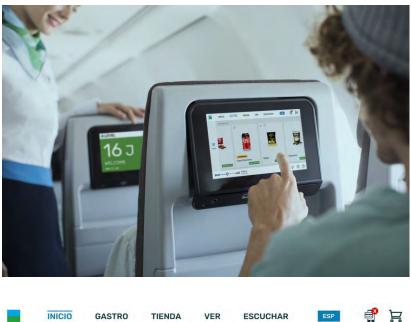
You own the flights

Built for e-commerce Zenda unites the world's leading airline groups onto a single e-commerce Zenda is partnered with Temando to deliver a full immersive e-commerce experience. Contact us to discuss integrating the Zenda API.

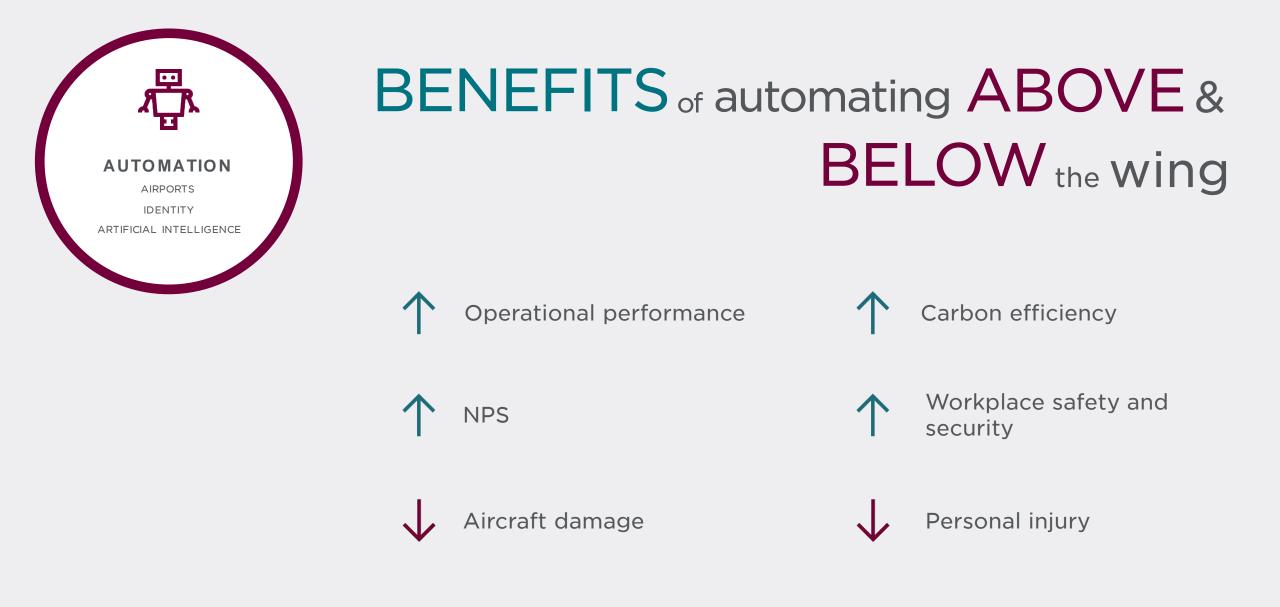
IAG

Cargo

#### LEVEL new in-flight experience











# 45 USE CASES

#### BAGGAGE

- 1. Robotic baggage loaders
- 2. Autonomous baggage tugs
- 3. Autonomous baggage dollies
- 4. Mobile security screening robot
- 5. Autonomous baggage trays
- 6. Baggage delivery drone

### LOGISTICS



- 31. Passenger and employee buses
- 32. Cleaning crew vehicles
- 33. Maintenance vehicles

IAG

- 34. Spare parts and small items
- 35. Maintenance parts and tools across the airfield drone
- 36. Last minute catering drone

#### RAMP

- 7. Auto jetties
- 8. Stand guidance
- 9. FOD detection and removal
- 10. Steps
- 11. Chocks
- 12. Cones
- 13. Fueling bowsers
- 14. Catering trucks
- 15. Water bowsers
- 16. AKE & AKH aircraft loader
- 17. Jet bridges
- 18. Remote PRM airplane loaders

### CARGO

- 37. Robotic cargo loaders
- 38. Autonomous cargo tugs
- 39. Autonomous cargo dollies
- 40. Cargo delivery to/from aircraft drone

#### **SAFETY & SECURITY**



- 19. Aircraft inspection drone
- 20. Runway inspection drone
- 21. Construction inspection drone
- 22. Perimeter monitoring vehicle
- 23. Building and utility infrastructure inspection drone
- 24. Security and safety inspection drone
- 25. Remote maintenance issue drone
- 26. Traffic monitoring drone
- 27. Perimeter monitoring and remote areas drone
- 28. Chasing away birds and wildlife drone
- 29. Unauthorised drone defense drone
- 30. Mobile security robots

### AIRCRAFT MOVEMENT



- 41. Towing
- 42. Taxiing
- 43. Aircraft tugs
- 44. Aircraft marshalling cars
- 45. Guiding aircraft to gate stand drone



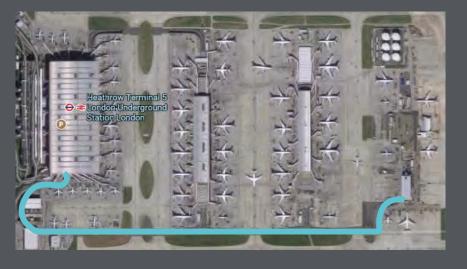
Digital

Automation

#### Autobus trial now live in Waterside HQ



Eastern Ancillary Area staff shuttle route



Digital

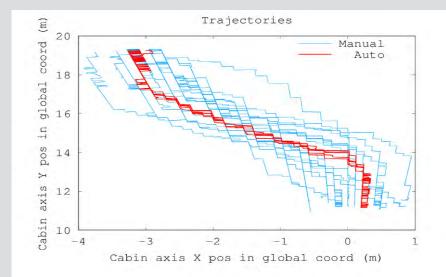
Automation

IAG

Autonomous passenger bridge trial



#### Docking trajectories: manual vs automated





#### **DRIVING INDUSTRY TRANSFORMATION**

Leading industry change at international bodies









#### HANGAR 51 **PROGRAMME 2 LAUNCHED**

#### Accelerating new start-ups in Programme 2



#### Invested in start-ups from Programme 1







**Digital Mindset** 

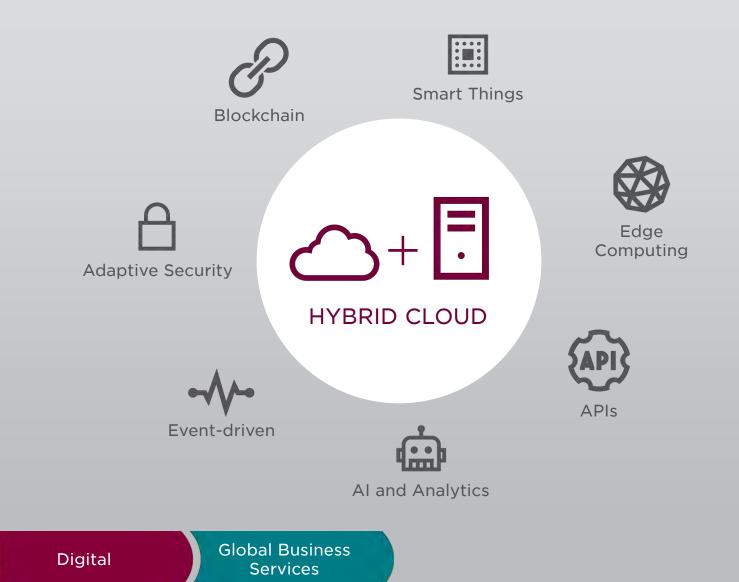
### IAG GLOBAL BUSINESS SERVICES PLATFORM



### LEVERAGING WORLD CLASS PARTNERS

	TODAY		2018 - 2022	
		CO-LOCATION	.COM AND MOBILE	VANILLA SOLUTIONS
End user devices	IAG	IAG	IAG	IAG
Security and identity	IAG	IAG	IAG	IAG
Network	IAG	IAG	IAG	IAG
Application	IAG	IAG	IAG	PARTNER
Integration/Middleware	IAG	IAG	IAG	PARTNER
Database	IAG	IAG	PARTNER	PARTNER
Operating System	IAG	IAG	PARTNER	PARTNER
Server	IAG	IAG	PARTNER	PARTNER
Storage	IAG	IAG	PARTNER	PARTNER
Data Centre	IAG	PARTNER	PARTNER	PARTNER
		_		
LAG Digi	Tal	al Business ervices		

### THE HYBRID CLOUD SUPPORTS THE DIGITAL BUSINESS



IAG

106

### **BI-MODAL WAY OF WORKING**



#### RESILIENCE

- Hybrid cloud platform
- Industry standard solutions
- Evergreen maintained by partners
- Configured not customised
- Global integrators





### AGILITY

- Iterative changes
- Product-based teams and funding
- Microservices



Global Business Services



Dance problems.

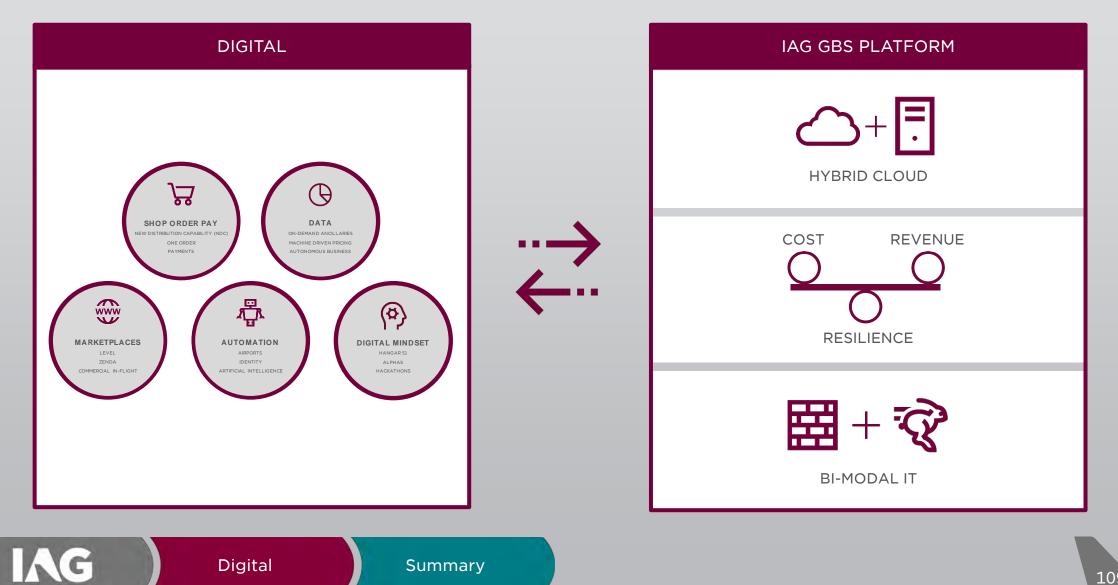
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### **RELENTLESS DRIVE TO ADDRESS CYBER SECURITY THREATS**

<a class="socialItem likes" href="/pin/297026537901201080/likes/" da-CHARGE - "HARDE HITELETING the Tanatt" - Avenue - Departs - Buildense Bermiter Tigging Bulliman Bills Parties and the Baselicprocend: #5415345 Enhanced 24x7 Latest anti-robotic Cyber incident Partnered with Security Operations website protection, PCI compliance and response plans in experts in Centre for early GDPR readiness penetration testing place cybersecurity detection of risks and scans **Global Business** AG Digital

Services

#### SCALING DIGITAL ACROSS THE GROUP



# Financial strategy

#### Enrique Dupuy – IAG CFO





### **Financial targets - headlines 2017**

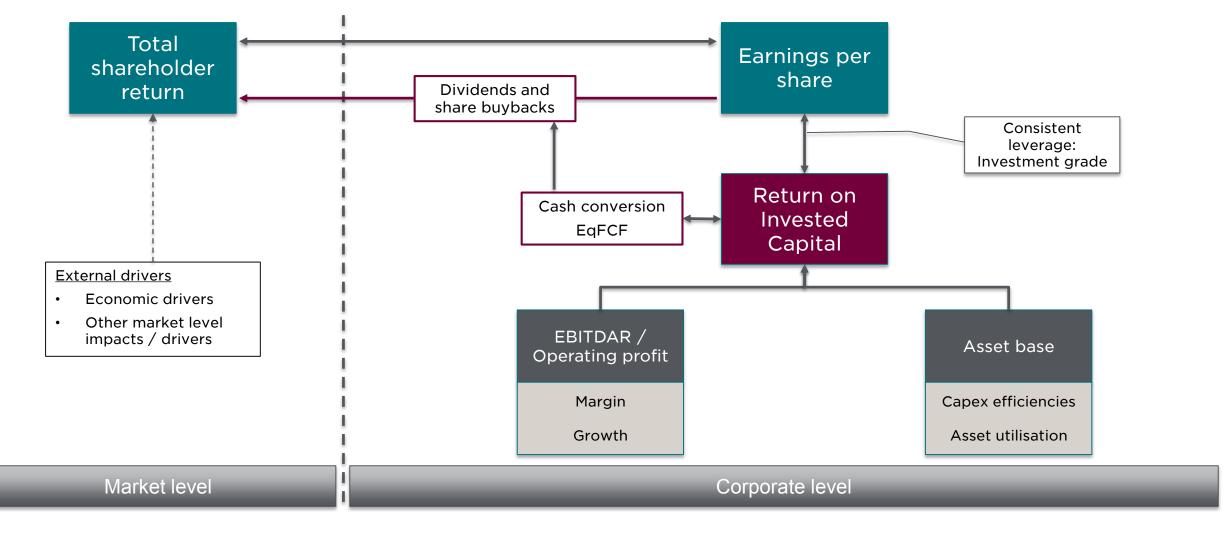
- Increasing margins and growth benefitting from a better economic environment following the UK's vote to leave the EU
- Enhancing the value of our brands and customer proposition and investing in the resilience of our business models
- Leveraging the strong positions in our main strategic markets and developing our new corporate units such as LEVEL
- **Continuing** the development of the IAG platform to create future value and delivering OpCo cost cutting and efficiency plans
- **Keeping** a high level of financial strength and liquidity to enable improved shareholder returns and M&A opportunities



#### IAG platform developments

Cargo	<ul> <li>New management</li> <li>Single brand, global network</li> <li>Partnerships</li> <li>Exploiting technology</li> </ul>	GBS (Procurement + F&A)	<ul> <li>Operations Centre in Krakow</li> <li>World Class procurement model</li> <li>Aer Lingus and Vueling integrated</li> <li>Common processes simplified and automated</li> <li>€200m (non-fuel) cost reduction achieved</li> </ul>
Avios	<ul> <li>New management team in progress</li> <li>Avios launched with El and VY programmes</li> <li>Single group points bank by June 2018</li> <li>Customer improvements planned for BA and IB programmes</li> <li>Progressive introduction of Dynamic Pricing from 2018</li> <li>Group loyalty review in progress</li> </ul>	MRO / Fleet	<ul> <li>Simplified management structures at BA and IB</li> <li>Footprint reductions</li> <li>Optimisation of external spend</li> <li>Evaluation and delivery of further opportunities</li> </ul>
GBS (IT)	<ul> <li>Hybrid cloud</li> <li>Enabling digital innovation</li> <li>Resilience and agility</li> <li>Cyber security and compliance</li> <li>€90m targeted savings achieved</li> </ul>	Digital	<ul> <li>Shop Order Pay</li> <li>Data</li> <li>Marketplaces</li> <li>Automation</li> <li>Digital mindset</li> </ul>
IAG	Financial targets IAG Platform		112

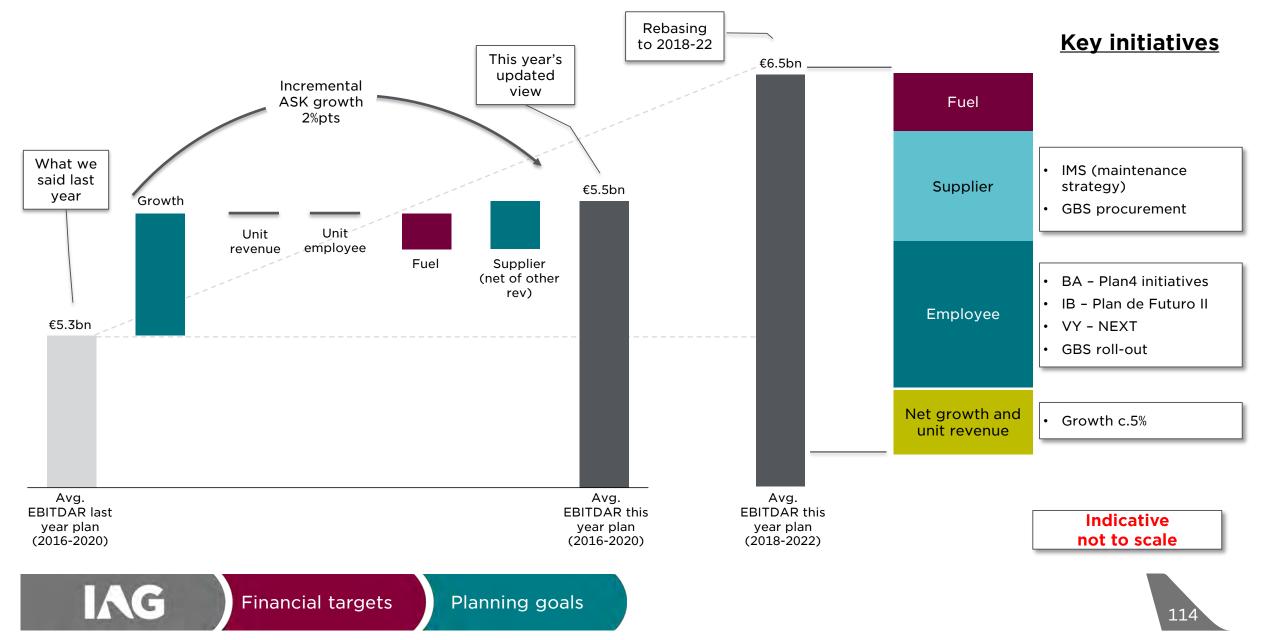
### **Our long term planning framework**



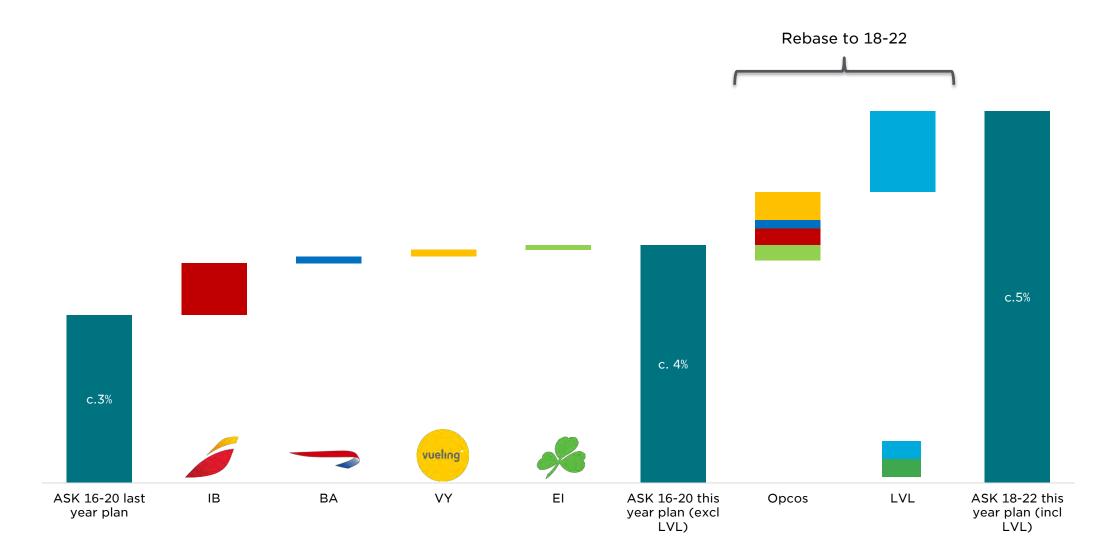




#### Delivering our -1% p.a. non-fuel unit cost target over the plan



#### **Increase in growth driven by Iberia and LEVEL**





115

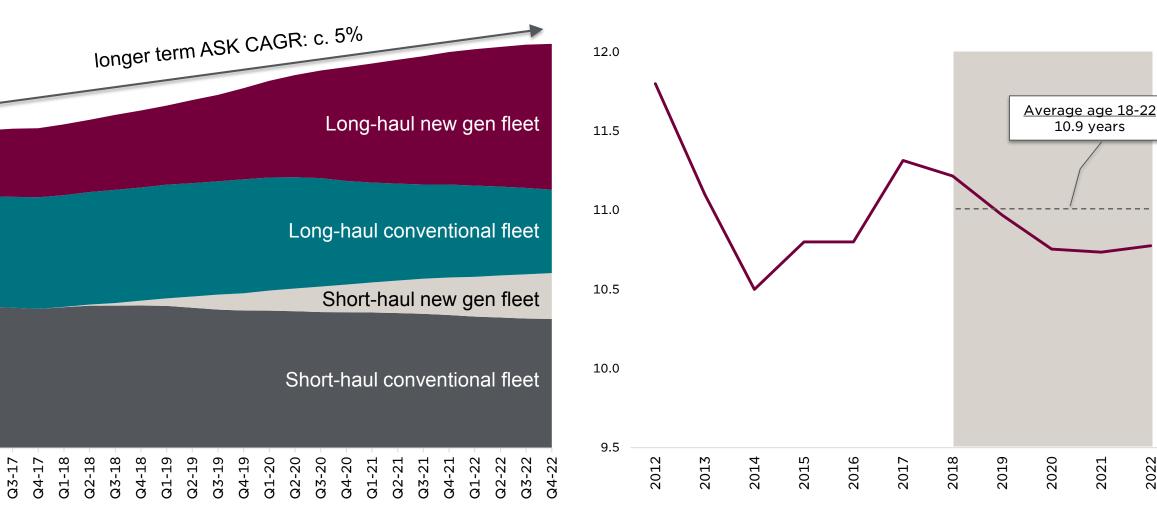
# **Fleet plan information**

#### Fleet plan split by aircraft category

Q2-17

A C

Q1-17





2022

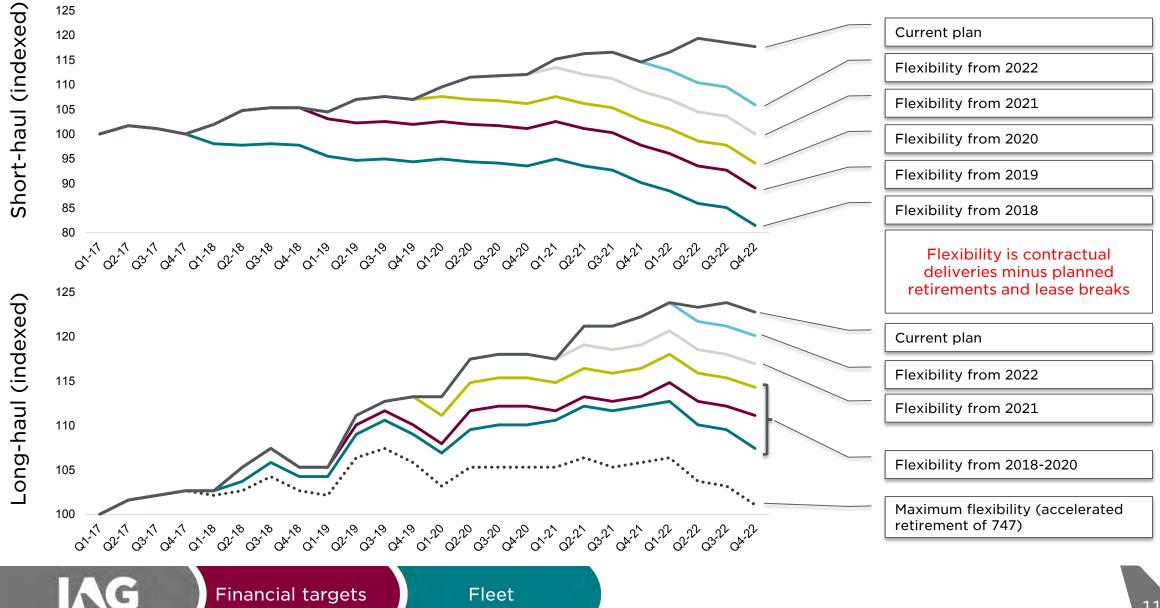
#### Average IAG fleet age (unweighted)

#### Fleet plan detail

Aircraft	2017 year end	2018 year end	2020 Last year plan	2020 This year plan	Difference	Outstanding orders post 2020	Current further + rolling options
A330	32	37	31	37	+6		3
A340	17	15	7	11	+4	+5 LEVEL,	+1 IB
LEVEL NGLH				TBD			
A380	12	12	12	12	-		7
B747	36	34	23	22	-1		
B767	1	-	-	-	-		
B777	58	58	58	58	-		
B787 / A350	25	32	52	55	+3	21	70
Other	13	11	22	18	-4	+2 BA, +1 I	В
Total long-haul	194	199	205	215+		21	80
A320 family	327	352	362	374	+12	27	128
Other	29	23	26	25	-1	+4 BA, +4 I	B, +4 VY
Total short-haul	356	375	388	399	+11	27	128
Total fleet	550	574	593	614+		48	208

IAG

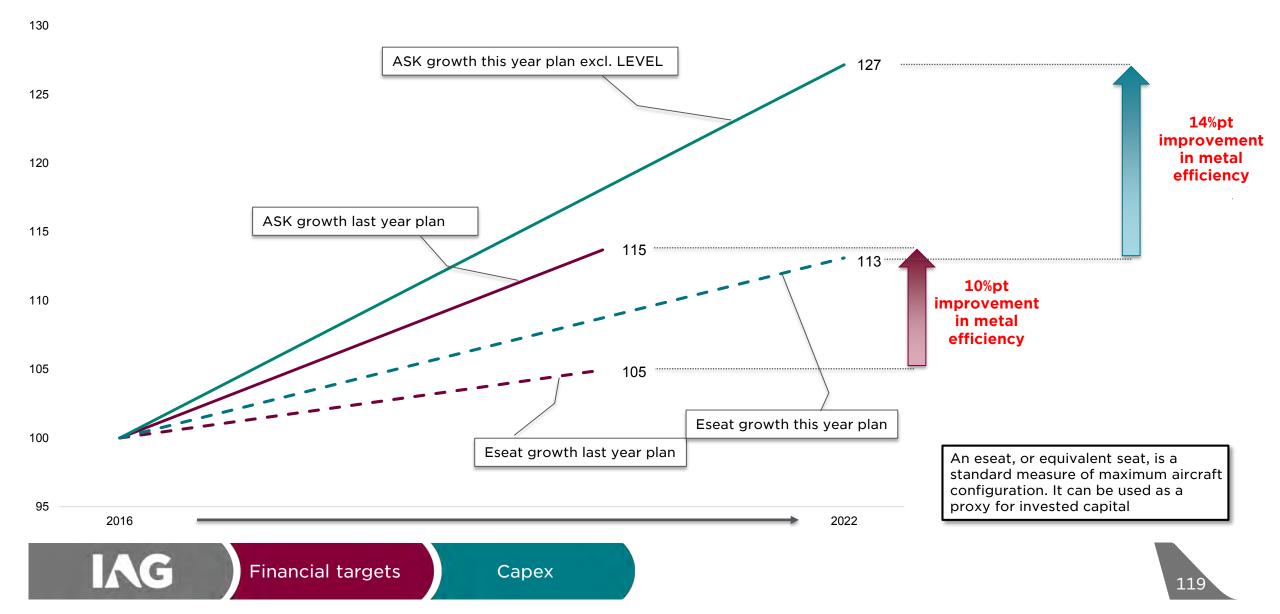
# **Fleet plan flexibility**



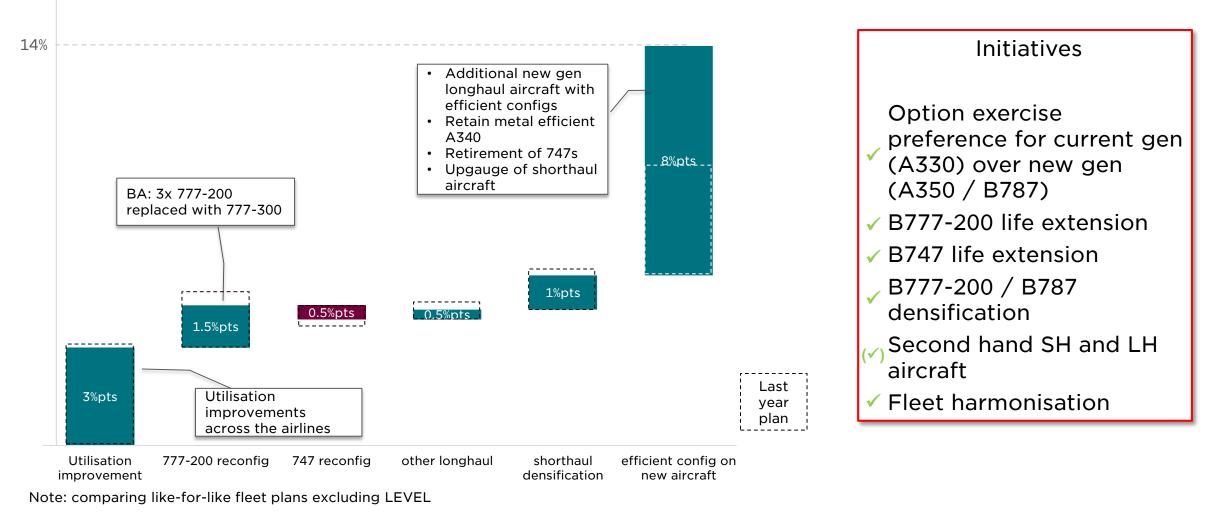
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### Change in capacity growth plan vs. last year

Capacity indexed



#### Structural capex saving retained





#### What we're planning now: capex plan

<u>2018 - 2022</u> ASK growth Invested capital growth EBITDAR growth			5% 7% 9%			Rebase to	€2.1bn
€1.7bn avg. Last year	FX	Product / other	IT investment	Equipment	€1.8bn avg. This year	18-22	avg. This year
plan capex 16-20					plan capex 16-20		plan capex 18-22

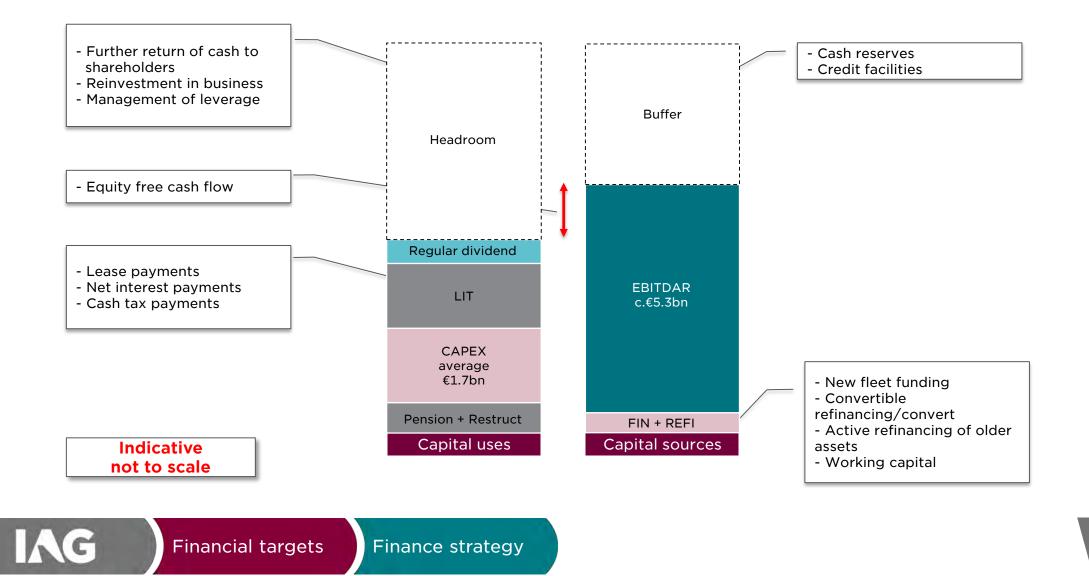
	Year	CAPEX last year plan	CAPEX current plan	CAPEX current plan
		2016-2020	2016-2020	2018-2022
Maximum	2020	€1.9bn	€2.4bn	€2.4bn
Average		€1.7bn	€1.8bn	€2.1bn
Minimum		€1.3bn	€1.4bn	€1.6bn

What we gave you last year

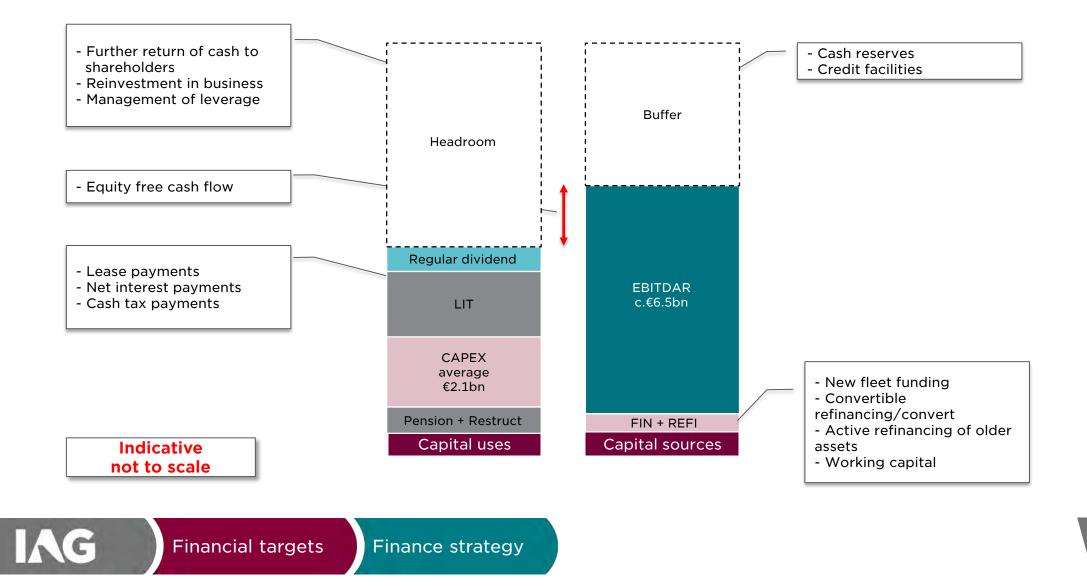




#### Last year plan: IAG corporate finance strategy 2016-2020



### This year plan: IAG corporate finance strategy 2018-2022

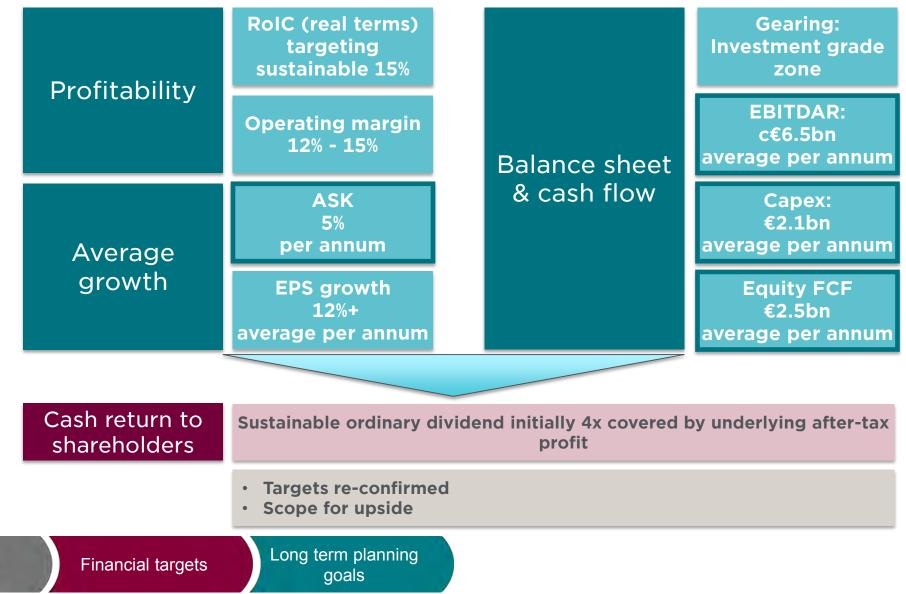


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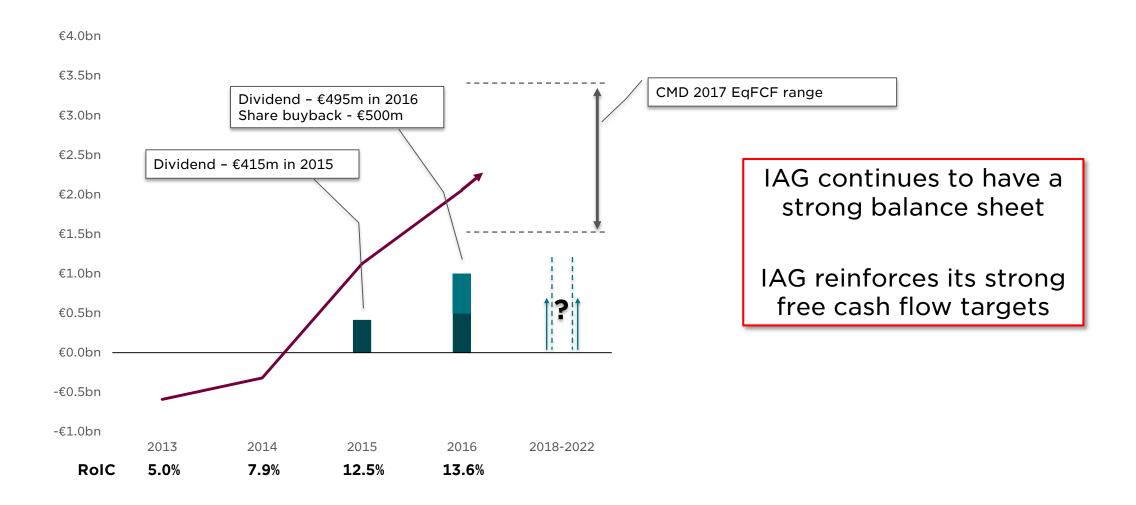
# This year: Long term planning goals 2018 - 2022

#### IAG financial targets

IAG



### Significantly increased shareholder cash potential







#### Disclaimer

Certain statements included in this report are forward-looking and involve risks and uncertainties that could cause actual results to differ materially from those expressed or implied by such forward-looking statements.

Forward-looking statements can typically be identified by the use of forward-looking terminology, such as "expects", "may", "will", "could", "intends", "plans", "predicts", "envisages" or "anticipates" and include, without limitation, any projections relating to results of operations and financial conditions of International Consolidated Airlines Group S.A. and its subsidiary undertakings from time to time (the 'Group'), as well as plans and objectives for future operations, expected future revenues, financing plans, expected expenditures and divestments relating to the Group and discussions of the Group's Business plan. All forward-looking statements in this report are based upon information known to the Group on the date of this report. The Group undertakes no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events or otherwise.

It is not reasonably possible to itemise all of the many factors and specific events that could cause the forward-looking statements in this report to be incorrect or that could otherwise have a material adverse effect on the future operations or results of an airline operating in the global economy. Further information on the primary risks of the business and the risk management process of the Group is given in the Annual Report and Accounts 2016; these documents are available on www.iagshares.com.

