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VELCONE



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Anti-trust Guidelines



The following types of agreements are strictly prohibited:

- Any collective agreement concerning prices or charges for airline services;
- Any collective agreement allocating markets, territories, customers, suppliers or agents;
- Any collective agreement relating to prices or charges to be paid to suppliers, etc.
- Any agreement that is intended to, or in operation is likely to induce airlines or their suppliers or agents to engage in anticompetitive behavior, etc.



Anti-trust Guidelines



The exchange of information of the following types of information is for example prohibited:

- Individual airline rates, charges or surcharges;
- Individual airline costs;
- An individual airline's intentions regarding increasing, reducing or reallocating aircraft capacity (including entering or exiting routes);
- An individual airline's intentions regarding charging for certain products or services or changes to the existing charges for such products or services;
- Information on individual airlines customers; and
- Any other sensitive commercial or proprietary information that the company would not disclose in the absence of an express or implied agreement to exchange such information for the purpose of reducing or restricting competition in the airline industry.





IATA Opening and Welcome

Director General IATA

Willie Walsh

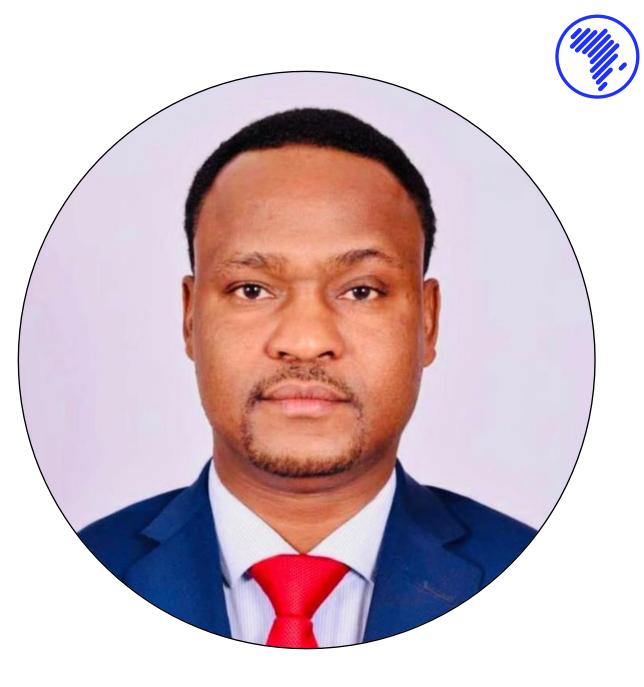




Government of Ethiopia

State Minister of Ethiopian Transport and Logistics

H.E. Mr. Dhenge Boru





Ethiopian Airlines

Chief Executive Officer Ethiopian Airlines Group

Mesfin Tasew





Federal Aviation Administration (FAA)

Chief Operating Officer Federal Aviation Administration (FAA)

Timothy Arel





African Civil Aviation Commission

Secretary General AFCAC

Adefunke Adeyemi





IATA Economic Outlook

SVP, Sustainability and Chief Economist

Marie Owens-Thomson



Focus Africa Aviation Update and Outlook

Marie Owens Thomsen

Senior VP & Chief Economist IATA Sustainability & Economics

20 June 2023 Addis Ababa, Ethiopia



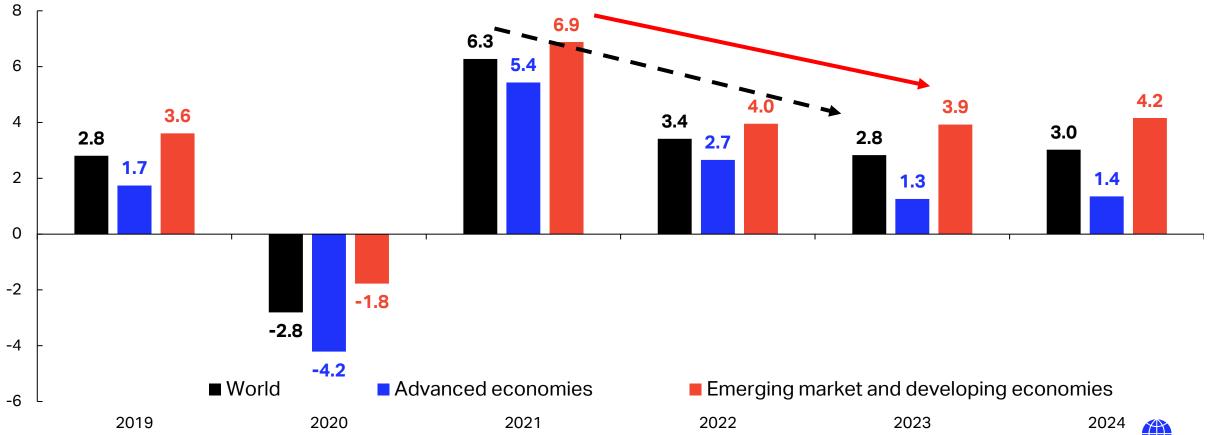
GDP and Demographics

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The big slowdown



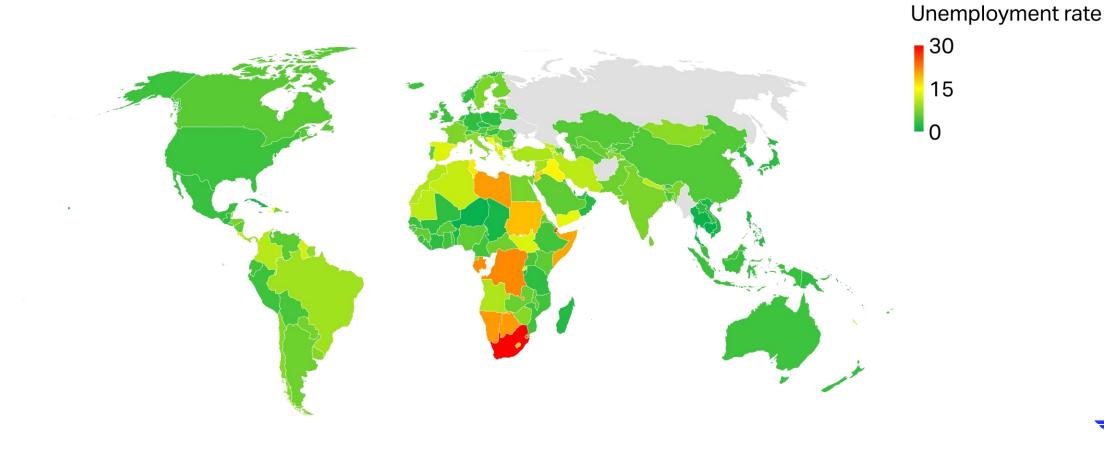
Real GDP growth, %, year-on-year





Areas of high unemployment in Africa while advanced economies see record low unemployment rates

Unemployment Rate, % of labor force, 2022

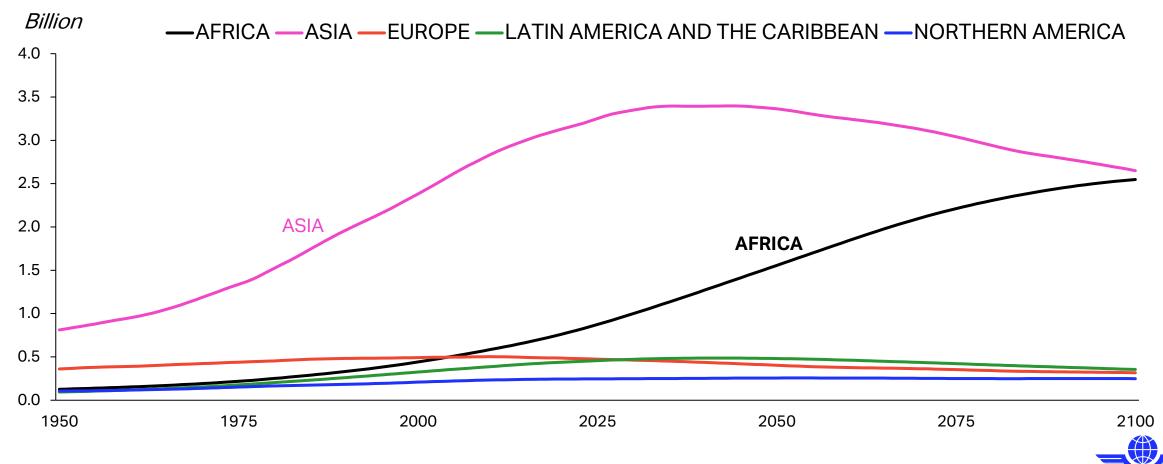




Africa: highest population growth

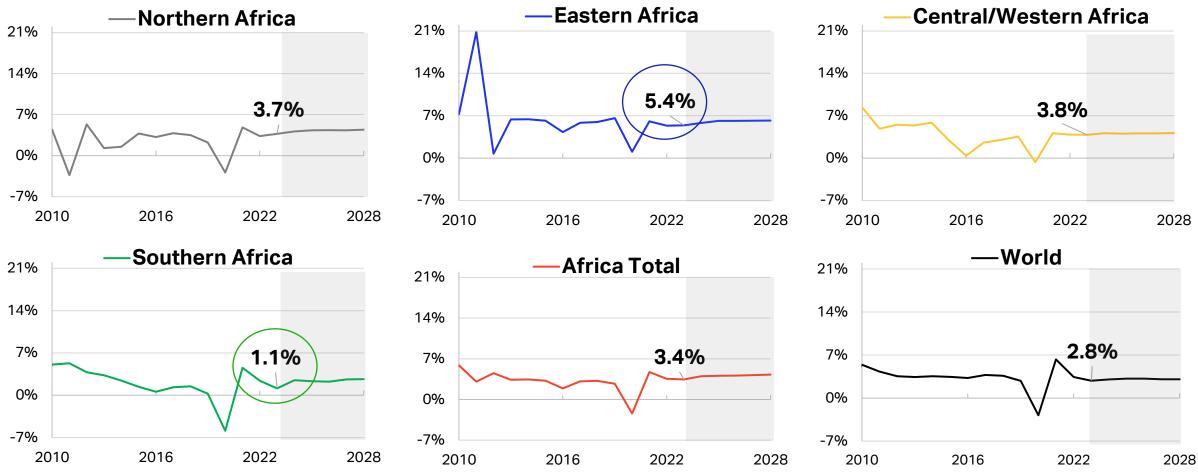


Working-age Population



Eastern Africa leads

Real GDP growth by region, %, year-on-year

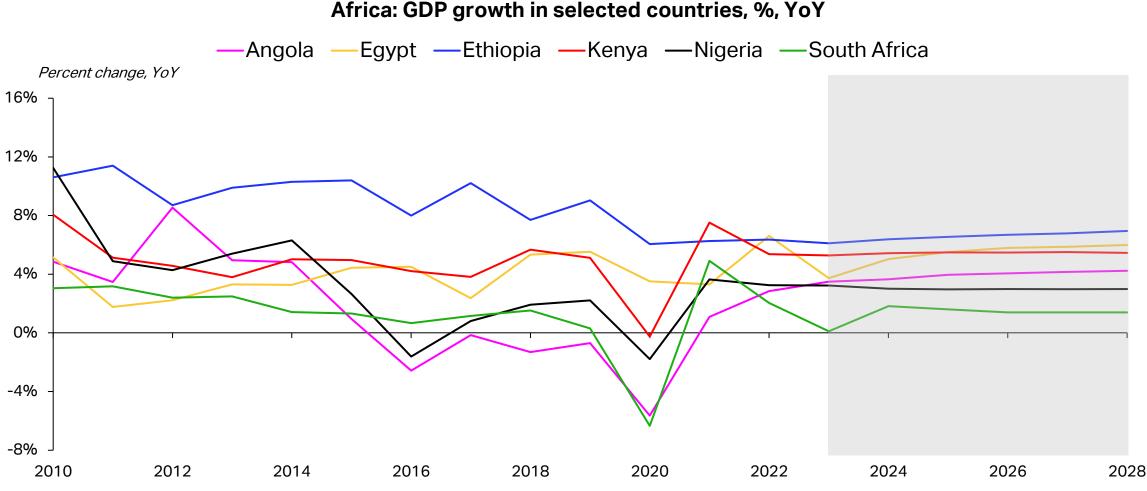


Notes: The shaded area represents forecasts, and the forecasted growth rate for 2023 is labelled.





Ethiopia, Kenya, and Egypt are ahead



Notes: The first year of the forecast is as follows: 2022 for Angola, Ethiopia, and Kenya, and 2023 for Egypt, Nigeria, and South Africa.



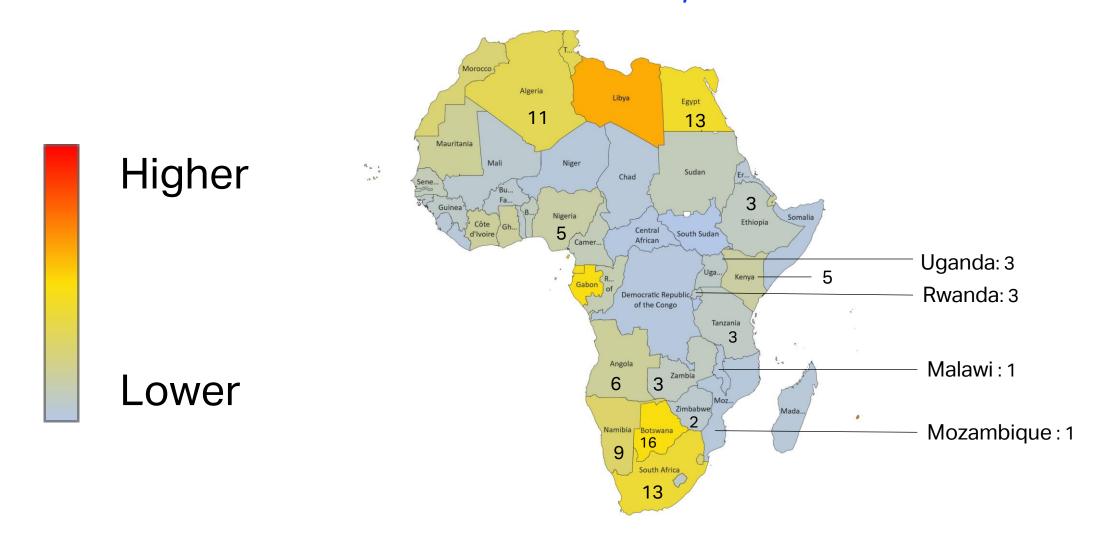
Trade, Transportation, and Economic Development

Transportation and World per capita GDP World 1800 1900 2000 1950 Steam engine ICE Automation Maritime Locks Steamships Liners Supertankers Iron hulls Bulk ships Docks Containerships Road Buses Electric cars Self-driving vehicles Surfaced roads Automobiles Omnibus Trucks Highways Aybrid cars Bicycles Maglev Rail High/speed rail Steam Subways Locomotives ······Tramways Jet engine Air Balloons Airships Helicopters Drones Jet planes Planes Wide body jets Supersonic jets 1820 1850 1900 1950 2000 2018





GDP per Capita, 2023 Constant 2017 PPP international dollars, thousands

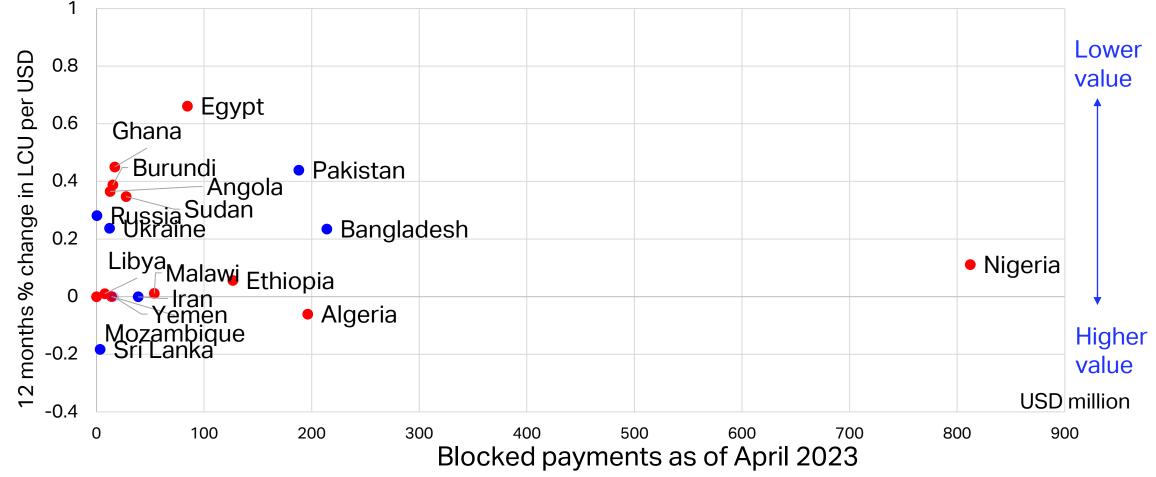




Blocked funds add to woes



Airlines' blocked payments and local currency depreciation



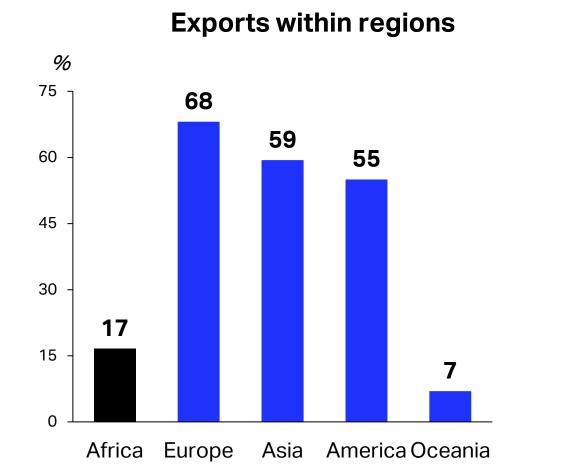
Notes: The y-axis represents the evolution of local currency (LCU) against USD between May 2022 and May 2023, and the x-axis represents the amount of blocked funds being held from airlines as of April 2023. Red circles represent African countries, while blue circles represent countries in other regions. Lebanon is not shown in this chart due to high levels of currency depreciation but has blocked airline payments as well.



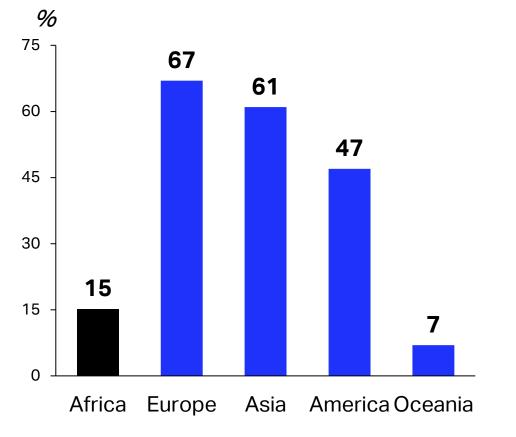
Source: IATA Sustainability and Economics, IATA Treasury, Macrobond

Within Africa trade is weak



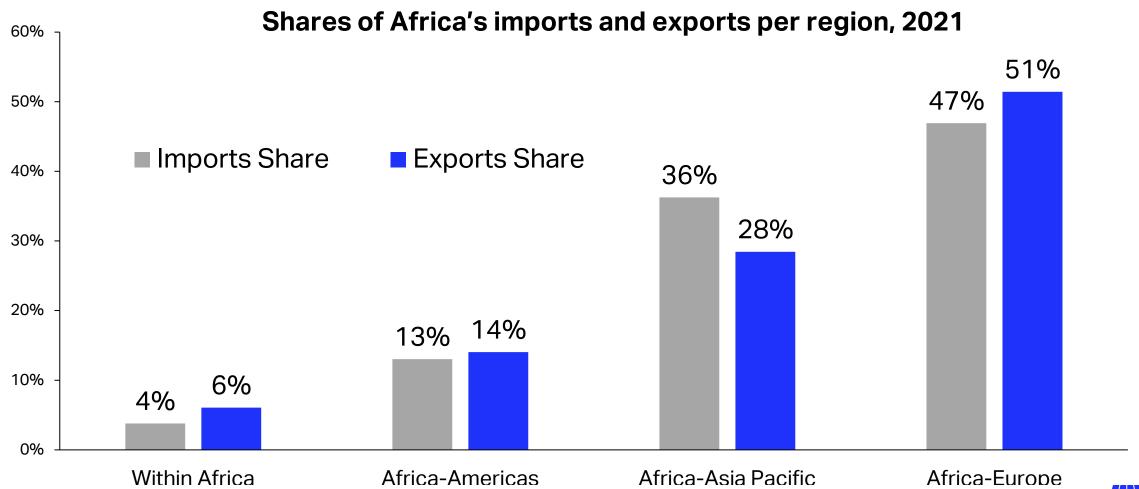


Total trade within regions







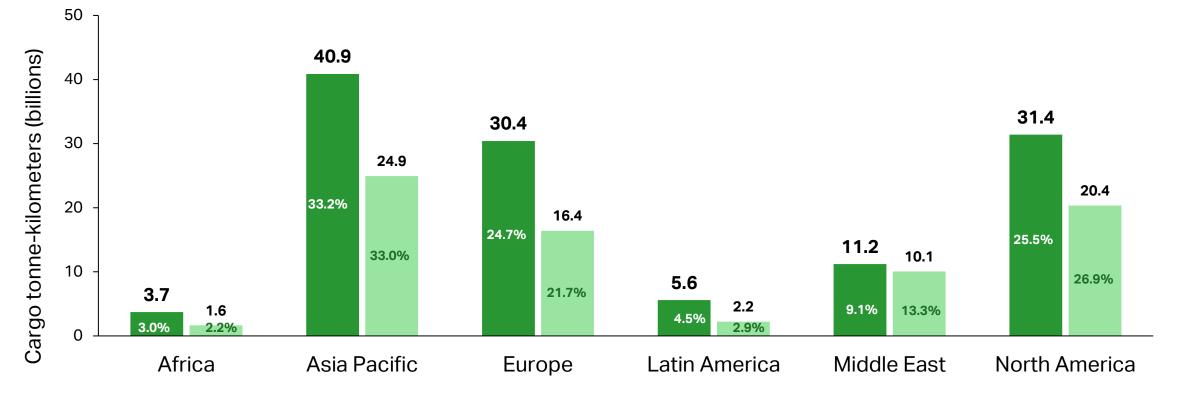


This is reflected in Africa's cargo traffic



International cargo tonne-kilometers (CTK) by region, Jan-Apr 2023

by airline region of operation
by airline region of registration





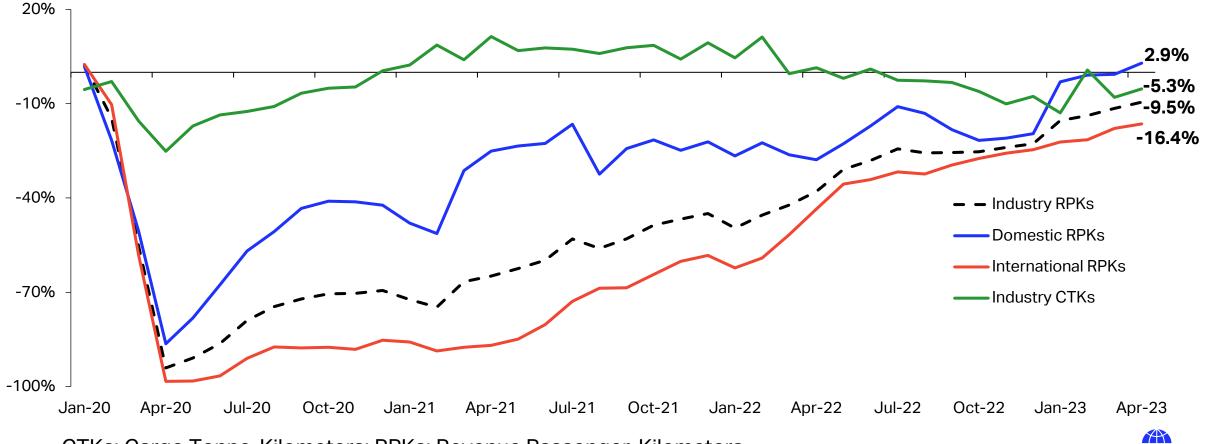
Our Industry

11

44

RPKs are currently within 10% of 2019 levels



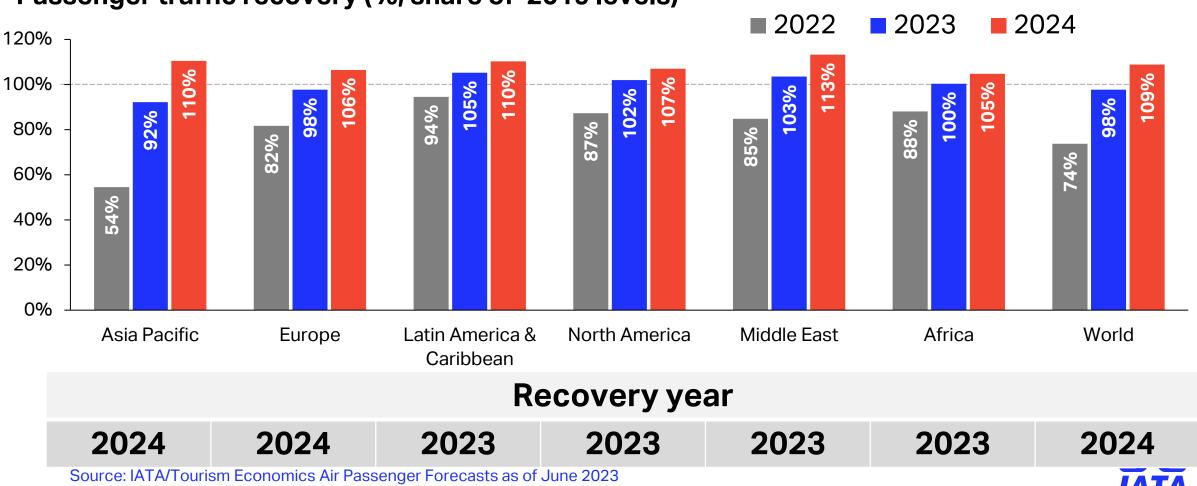


Industry RPKs and CTKs, year-on-year % change vs 2019

CTKs: Cargo Tonne-Kilometers; RPKs: Revenue Passenger-Kilometers



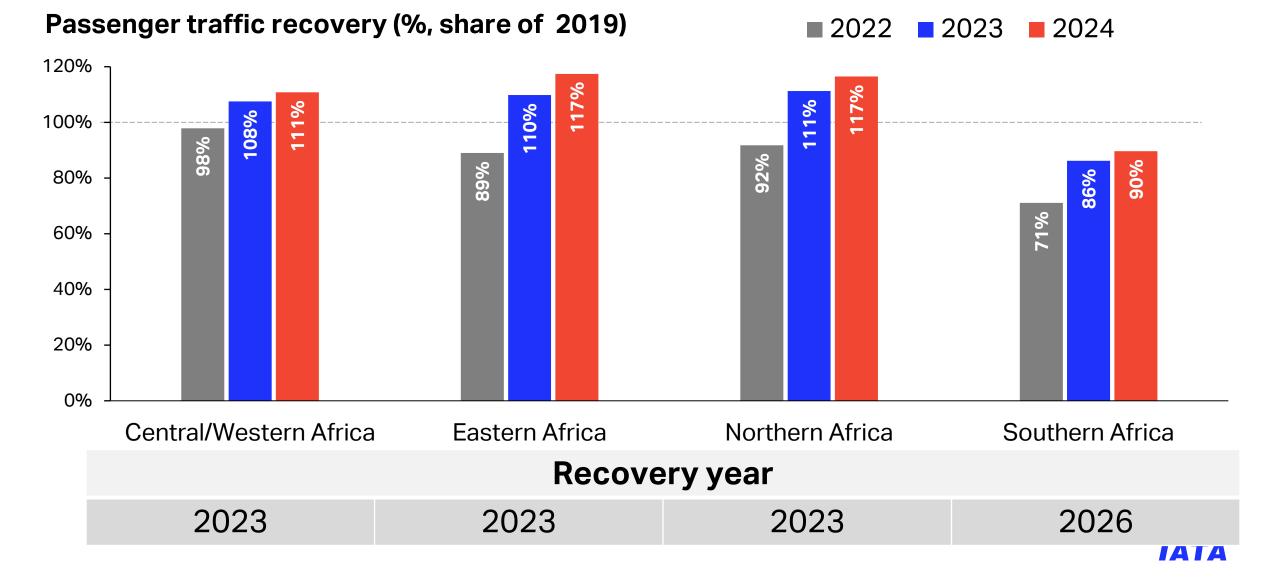




Passenger traffic recovery (%, share of 2019 levels)

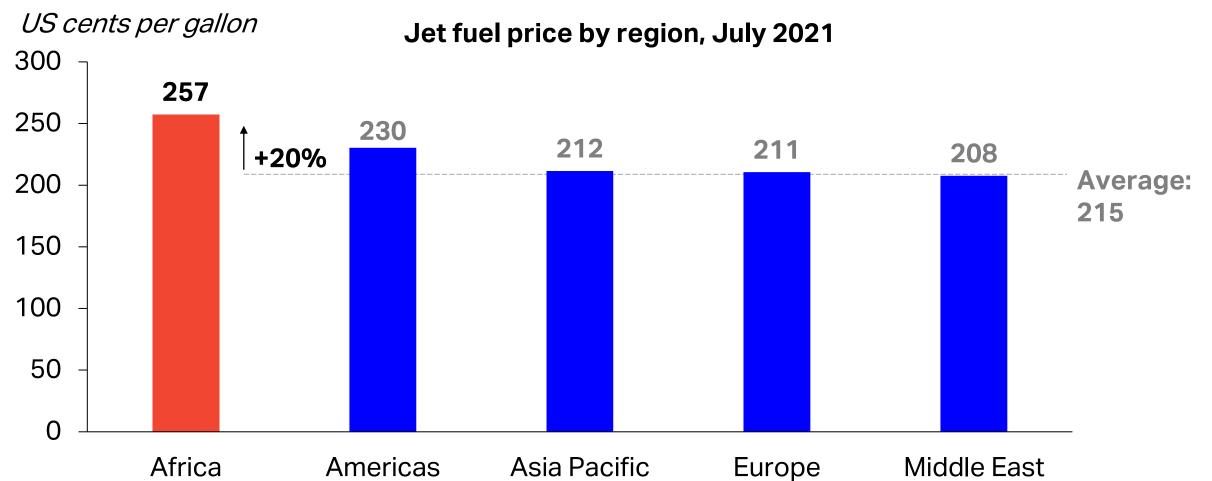
Africa recovery per region





Africa pays more for jet fuel





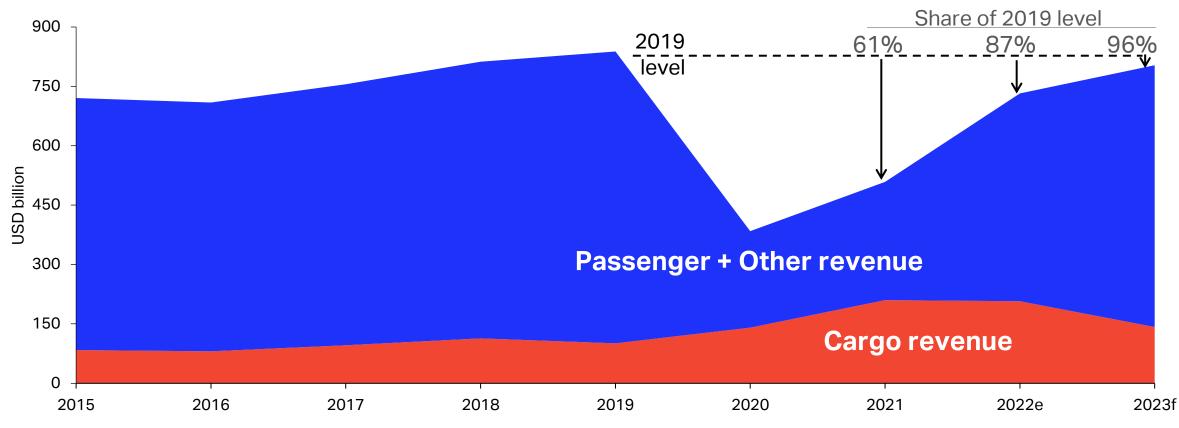
Notes: Results are based on a survey conducted for fuel uplift in July 2021, asking airlines to report jet fuel price charged across 181 locations across various regions, including 33 airports from Africa, 51 from the Americas, 46 from Asia Pacific, 41 from Europe, and 11 from Middle East. Unit Fuel Cost is defined as (Total Fuel Cost for the month)/(Total Volume uplift for the month).



Global airline revenue, USD billion



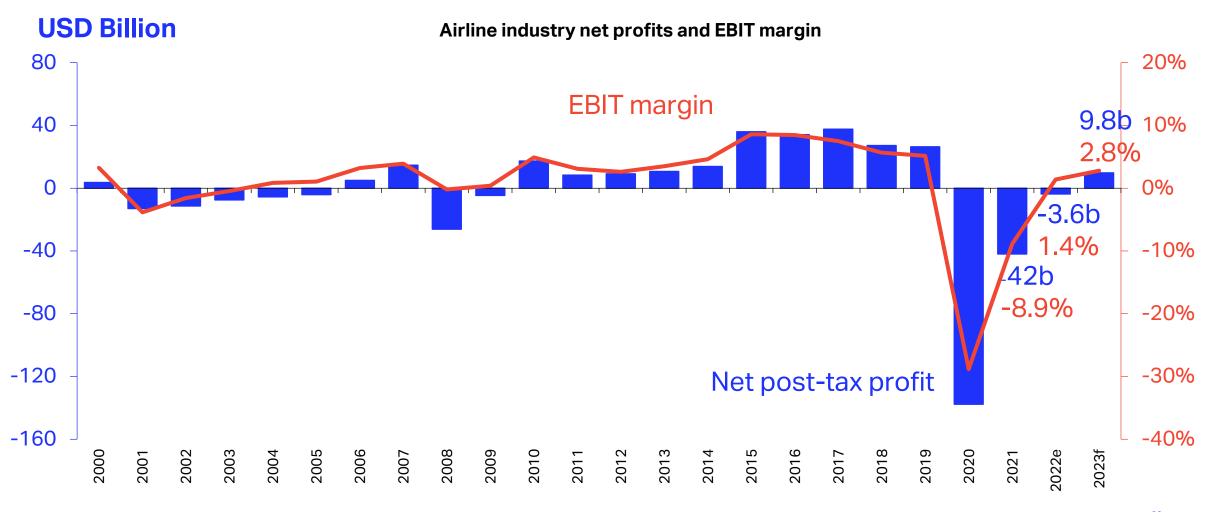






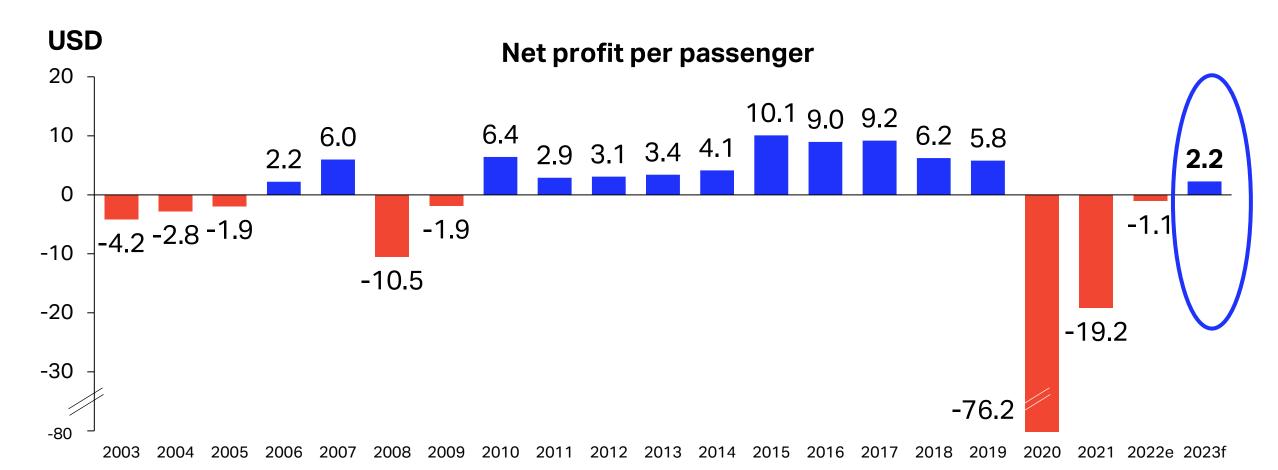
Net profit of USD 9.8bn forecast in 2023





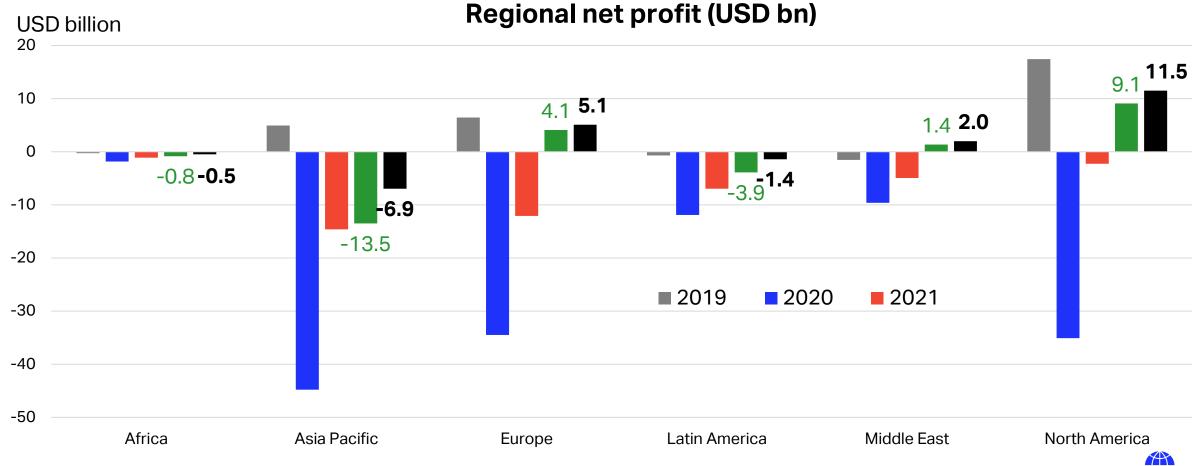






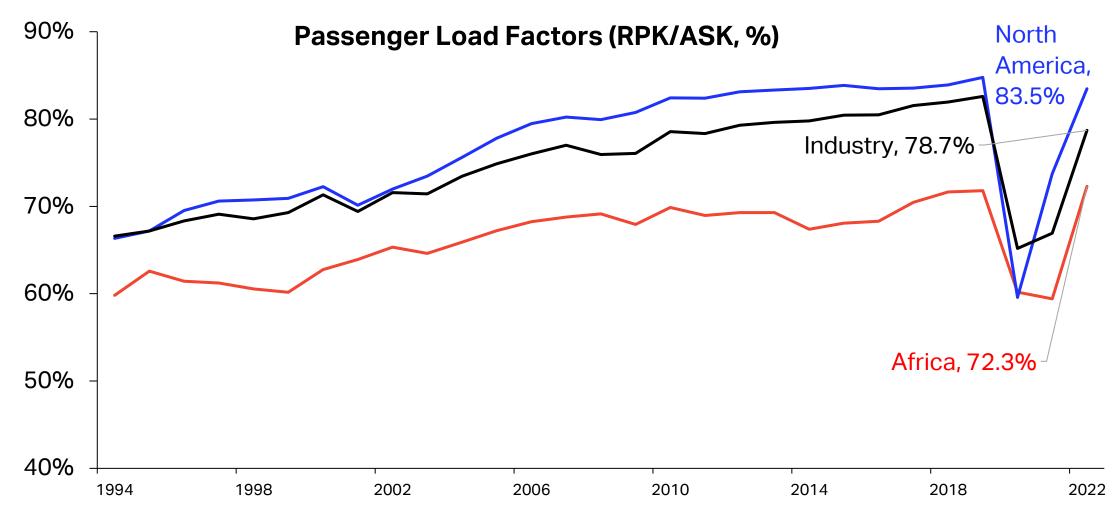
Profits vary across regions







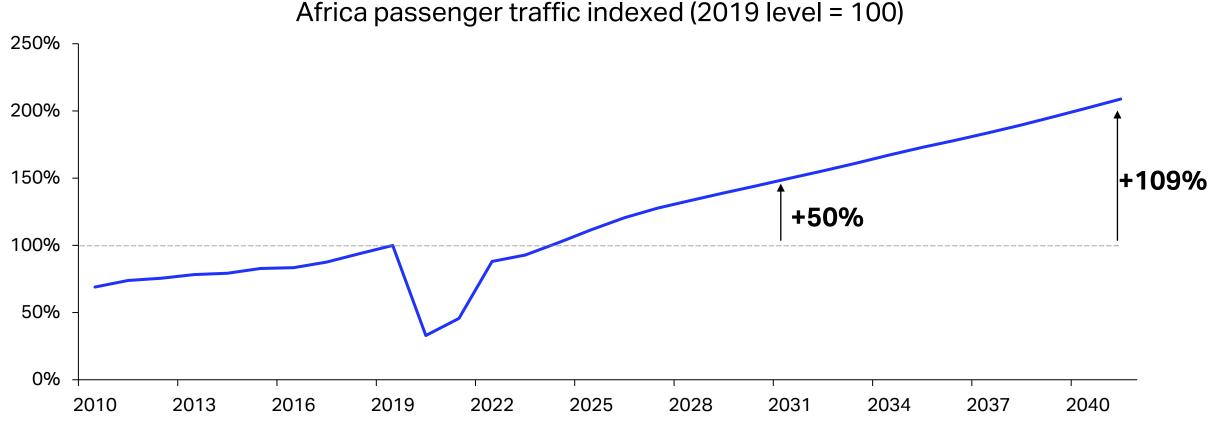
African airlines see lower load factors



RPKs: Revenue Passenger-Kilometers; ASK: Available Seat-Kilometers Source: IATA Sustainability and Economics, IATA Monthly Statistics



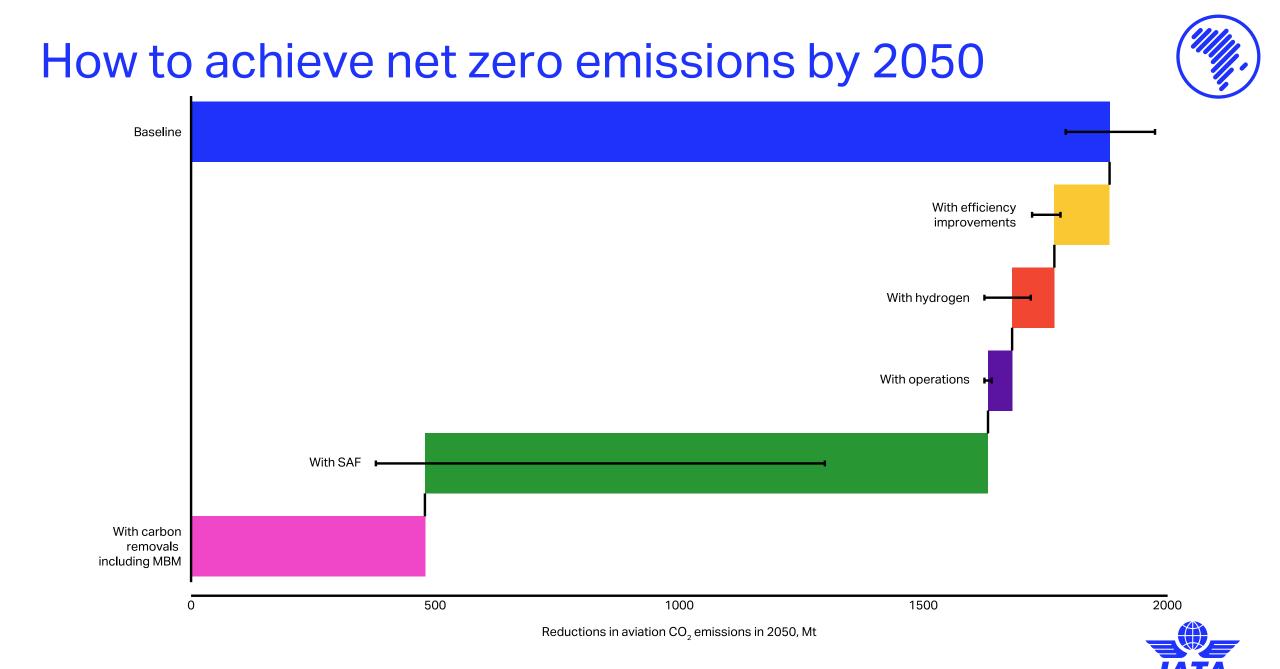
Africa's passenger traffic will double by 2040, eclipsing 300 million passengers





We must fly

We must fly sustainably



Finance Roadmap



The investment needs to bring about aviation's transition to net zero by 2050 could be as high as **USD 5 trillion** over the period to 2050. The annual investments required in that case would be close to **USD 180 billion**. This is not disproportionate to the annual investments in other industries.

Finance Net Zero Roadmap

Available on our website (scan the QR code)





IATA WORLD SUSTAINABILITY SYMPOSIUM

Madrid, Spain 3-4 October 2023

Save the date

Host Airline

IBERIA 🚄



economics@iata.org www.iata.org/economics





The Issues Facing the Airline Industry in Africa

Regional Vice-President AME, IATA

Kamil Alawadhi





For some time now, I have been questioned repeatedly by many on the purpose of having the "Focus Africa" event and my humble answer has always been

"To work as a collective aviation community to develop and improve aviation in Africa"

Today we will change the course of history. By this I mean we will collectively achieve what many have tried to do in the past.



Focus Africa Initiative



Africa is 54 countries and accounts for 18% of the global population, but just 2.1% of air transport.







Vision:

Achieve the sustainable growth of the global civil aviation system.

Mission:

To serve as the global forum of States for international civil aviation. ICAO develops policies and Standards, undertakes compliance audits, performs studies and analyses, provides assistance and builds aviation capacity through many other activities and the cooperation of its Member States and stakeholders.





Vision:

Working together to shape the future growth of a safe, secure and sustainable air transport industry that connects and enriches our world

Mission:

IATA's mission is to represent, lead, and serve the airline industry.





The two giants of the aviation industry have identical visions.

How well have we performed in Africa?



Are we satisfied with aviation in Africa?

Interactive Session



Questions



Coffee Break



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Panel: African Aviation Outlook

Moderator: Kamil Alawadhi





#IATAFocusAfrica



Panelists

Willie Walsh Director General IATA

Mesfin Tasew Chief Executive Officer Ethiopian Airlines Group Aaron Munetsi Chief Executive Officer AASA

Moderated by

Kamil Alawadhi

Abderahmane Berthe Secretary General AFRAA



#IATAFocusAfrica



IATA Focus Africa Initiatives

Regional Vice-President AME, IATA

Kamil Alawadhi



Are we satisfied with aviation in Africa?

Interactive Session



CEO's Panel



- 1. Value of aviation
- 2. Challenges / Opportunities in Africa
- 3. Sustainability
- 4. Looking Forward





What are our challenges



Challenges

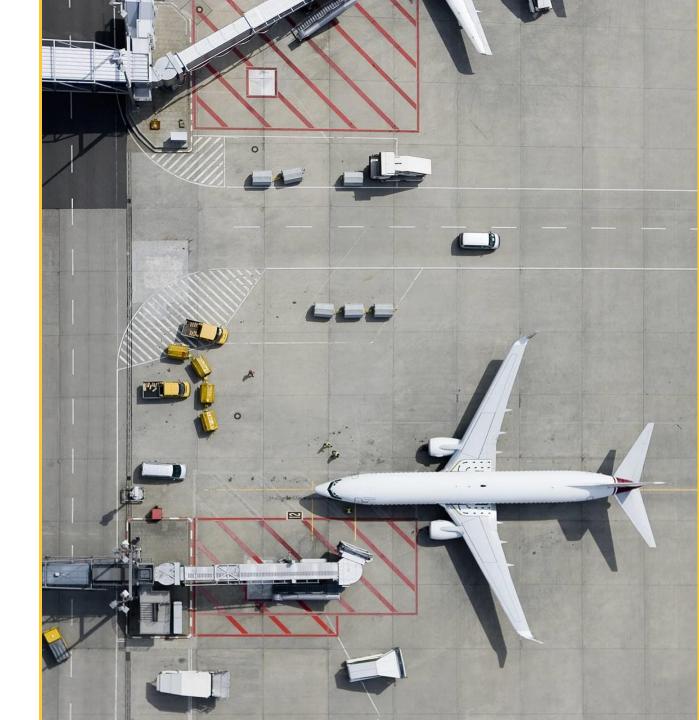
- Charges, Taxes, Fees
- Fuel
- Africa Interconnectivity (SAATM)
- Airport / Infrastructure
- Aircraft Maintenance
- Air Traffic Management
- Regulations
- Safety (Operational / Regulatory)
- Security
- Blocked Funds
- High operating costs
- Financial solutions / payment solutions
- Supply chain
- Expertise / Skilled Workforce / people development
- Others ...





1. Safety

Improve operational safety through a data driven, collaborative program to reduce safety incidents and accidents, in the air and on the ground.



2. Infrastructure

Facilitate the growth of efficient, secure, and cost-effective aviation infrastructure to improve customer experience and operational efficiency



3. Connectivity

Promote the liberalization of intra-African market access through the Single African Air Transport Market (SAATM)



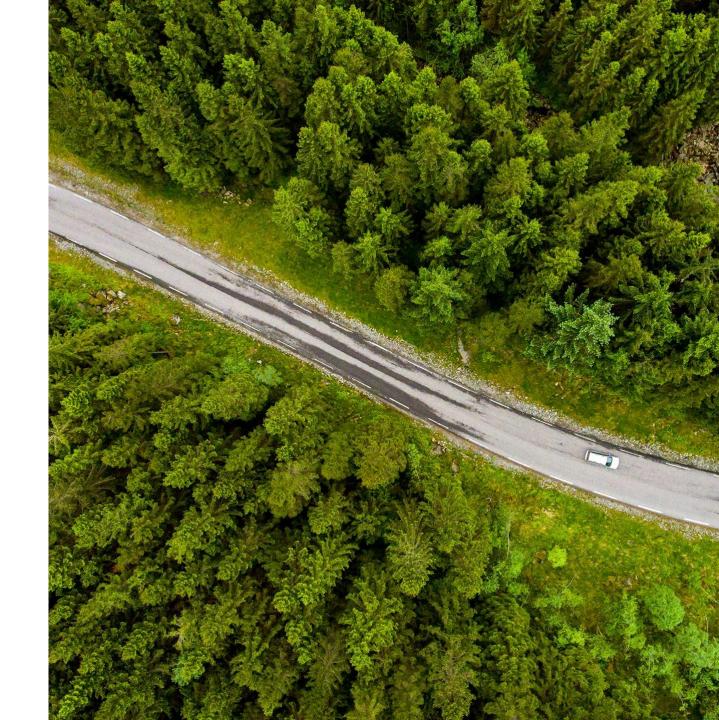
4. Finance & Distribution

Accelerate the implementation of secure, effective and cost-efficient financial services and adoption of modern retailing standards



5. Sustainability

Assist Africa's air transport industry to achieve the "Net Zero by 2050" emissions targets agreed to by industry and the UN's International Civil **Aviation Organisation** (ICAO) member states



6. Future Skills

Promote aviation as a career path to ensure a steady supply of diverse talent ready to meet future industry needs





Although we may come from vastly different stories and very different walks of life, we are one people who possess common values and common ideals; who celebrate individual excellence but also share a recognition that **together**, we can accomplish great and wonderful things we can't accomplish **alone**.

Barack Obama



Mother Teresa



I can do things you cannot, you can do things I cannot; Together we can do great things.



Questions



Lunch Break

IAT

IATA

FOCUS

AFRICA

CONFERENCE

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Panel: Towards Sustainable Recovery: Navigating the Impact of COVID-19 and Future Shocks

Moderators: Sandile Chipunza Farah Mesmar





#IATAFocusAfrica



Moderated by Sandile Chipunza & Farah Mesmar



Panelists

Abderahmane Berthé Secretary General AFRAA

Francis Mwangi Environmental Expert/Senior Planning Officer, Kenya Civil Aviation Authority (KCAA) **Nomasonto Ndlovu** COO and Acting CEO South African Tourism

Abel Alemu Managing Director Ethiopian Airlines Cargo & Logistic Services



#IATAFocusAfrica

Objectives



Resilience

- 1. Explore role of cargo in ensuring airline viable operations despite losses from border closures
- 2. Address role of tourism sector in supporting aviation from impact of similar crises
- 3. Review of current aviation model and its resilience to COVID-19 and similar crises.

Sustainability

- 1. Explore how the net-zero commitment can shape future of aviation in Africa
- 2. Shed light on how can we reflect regional considerations in global standards in net-zero pathways
- 3. Review the necessary policy needed to transition to Net





Introduction to the Global Passenger Survey

Regional Director, Operations, Safety and Security AME, IATA

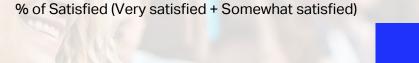
Kashif Khalid



IATA Global Passenger Survey

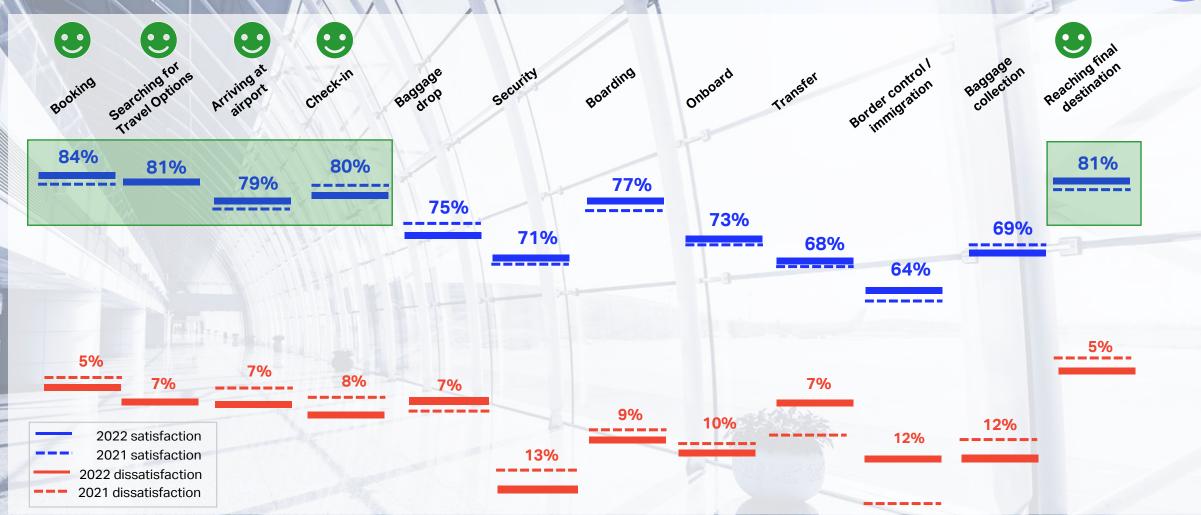
2022 Highlights

High satisfaction scores for 2 years in a row

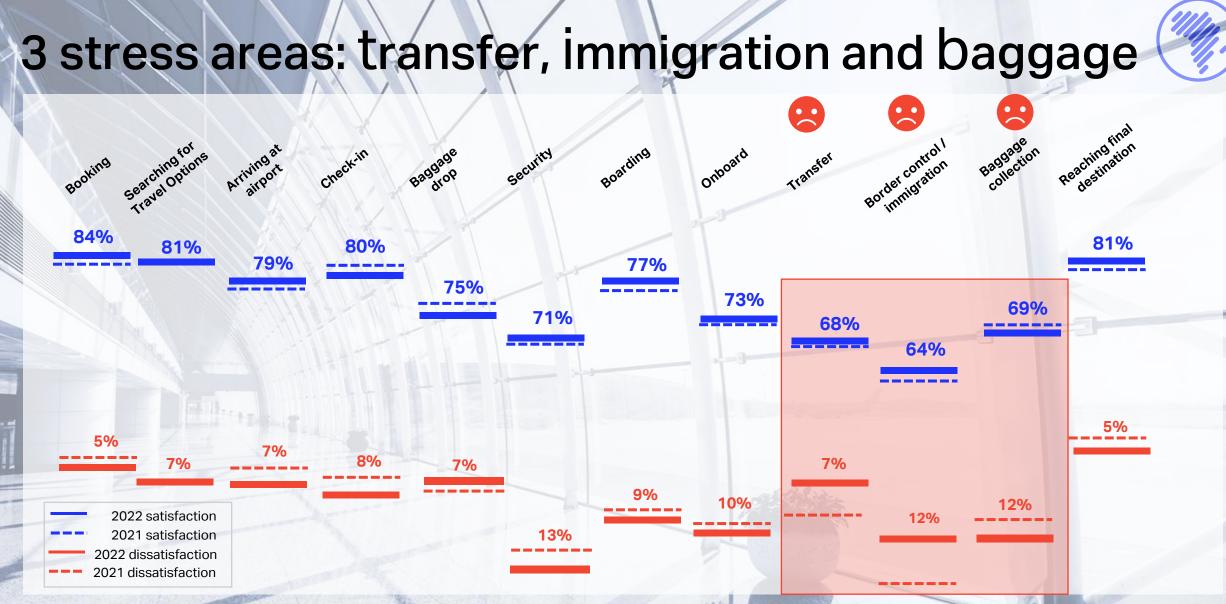




Across the travel journey, top satisfaction levels for:









Convenience is a key enabler for all touchpoints

PLANNING & BOOKING

"It would be so easy access all my trip information from one single location"

TRAVEL FACILITATION

"I am willing to share my information in advance and have contactless travel"

AIRPORT PROCESS

"I wish there could be alternatives to checking-in baggage"



Proximity is #1 reason for choosing departure location

Top 3 reasons for selecting your departure airport

75% **Proximity** 39% **Ticket Price** 34% **Airline Availability**





Convenience is a key satisfaction driver when travel planning

82%

passengers are satisfied when able to pick their preferred payment method

Clear improvement areas:

- Access to information in one single place
- Clarity & transparency on the offer content
- Ease of seat selection



PLANNING & BOOKING

Need to raise awareness on CO2 offsetting

More than 80%

of passengers don't offset their flight carbon emission



30% are not aware of such an option



24% don't want to



18% don't have the option



Immigration requirements discourage travel





have been discouraged from traveling due to immigration requirements



main deterrent is process complexity



Technology simplifies travel and drives convenience



ONLINE VISA

66%

agree online application before travelling is the best way for obtaining a visa

DATA SHARING

83%

willing to share immigration data (e.g. passport, visa, health questionnaire, etc.) to expedite airport process



BIOMETRICS

1 in 3

Have already used biometrics in the travel journey



Biometrics in travel is here to stay

88%

Passengers are satisfied with overall biometric process

75%

passengers would be eager to use biometrics instead of passports or boarding passes



Boost biometrics usage with better data protection

Top concerns with using biometric information

56%

loss of data due to data breaches

52%

lack of knowledge of who the passenger data is being shared with

51%

not knowing how passenger data is being handled or stored



Preference to complete certain processes off-airport

Top process to be completed before arrival at the airport



Passengers would like to get through the airport as quickly as possible

Overall time spent at the airport

	25	42	21	5
> 3h	2h to 3h	1h to 2h	30 min to 1h) min
11			spent at the airport	al time
Less than 1h		Less than 45min	Less than 30min	
with mobility er assistance	When travelling w aid or other	When travelling with a carry-on & check-in bags	When travelling with a carry-on bag only	
3	When travelling	When travelling with a	When travelling with a	



Queuing is a top improvement area

#]

improvement area for

Examples of improvement :

Security

93%

interested in a trusted program to expedite security screening

Boarding

25%

would appreciate not queuing on the jet bridge

Border Controls

20% interested in automated solution to speed up control process



AIRPORT PROCESSES

Baggage handling remains an issue



have had their bags mishandled

2 in 5

expressed dissatisfaction on the service provided





Tracking could encourage passengers to check-in bags

29%

have flown with an airline that shared baggage information

81% (+8pp vs. 2021)

are more likely to check-in bags if it can be tracked at all times

51%

would be interested in a baggage information service

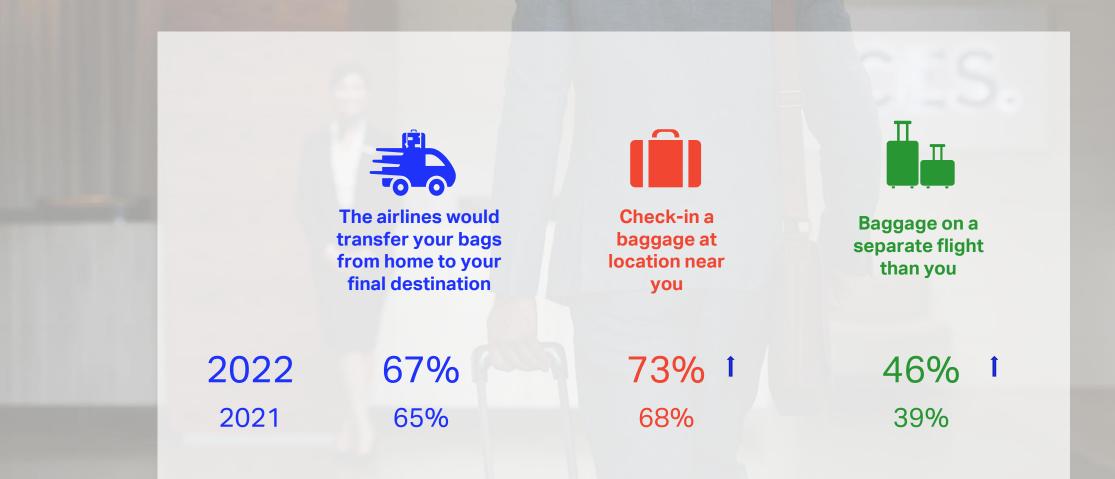
50%

have used and would be interested in using an electronic bag



AIRPORT PROCESSES

Need for alternative options to check-in baggage





More room for improvement in transfer experience

Only 68%

satisfaction transfer at the Airport in 2022

Redundancy of processes negatively impacting satisfaction

Top 3 improvement areas for connecting flights

Not having to pick up and re-check my bag Not having to go through security screening



Not having to go through immigration





Focus on Accessibility



Growing special assistance requests on the horizon

20%

(+9pp vs 2021)

respondents sought assistance for self or someone else Areas where the industry is doing good:

78%

Passenger's ability to request support according to their needs at booking

78% Felt comfortable in disclosing needs

77% Felt that their needs were understood



ACCESSIBILITY

Dissatisfaction levels for special assistance requests need to be monitored Dissatisfaction levels vary on certain touchpoints vs. those that do not request assistance





ACCESSIBILITY

More room for improvement in ensuring a seamless journey for passengers needing special assistance

34%

Seamless service across all touchpoints (from ground transfer / airport service / airline)

26%

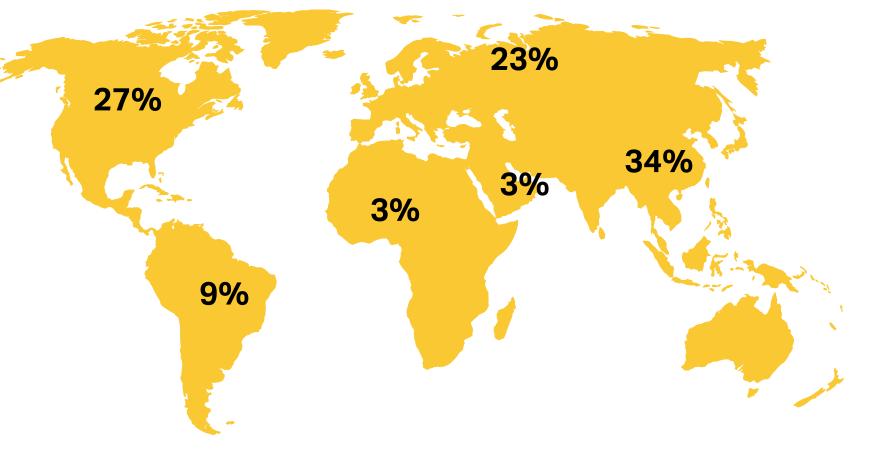
Communication and information about the services provided for passengers with disabilities

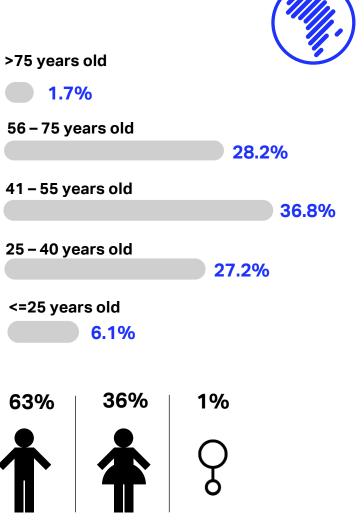
23%

Accessibility for mobile travel solutions, booking and reservation services



Passenger profile





222 Countries 10,206 Respondents



Want to learn more?

Get your copy of:

2022 Global Passenger Survey Report

or

2022 Global Passenger Survey Combo

www.iata.org/gps

Table of Contents:



- 1 Travel satisfaction
- 2 Booking
- 3 Special assistance
- 4 Facilitating immigration
- 5 Your baggage
- 6 Your biometric information
- 7 At the airport
- 8 Connection
- 9 Travel disruption
- 10 Arrival



Thank you!





Airlines Creating Value Through Modern Airline Retailing

Director Distribution, IATA

Yanik Hoyles



Airlines want to retail the Amazon way...





- Modern retailing standards
- Personalization

Modern Retailing

- One click shopping
- One click payment

Customer Centric Payment

- One purchase record
- Customer lifetime management

Orders

The Modern Airline Retailing program



Airlines in control of their Product, Money and Data



Key IATA Standards / Activities in scope: ONE ID, Verified Credentials, NDC, ONE Order, Settlement with Orders, Dynamic Offer Creation, Future of Interline & New Partnerships

And there is momentum



AA: 80 Percent Of Bookings Could Come Direct Or Via NDC By Year-End

Jay Boehmer April 27, 2023

Jay Campbell · February 15, 2023

Air France-KLM : « Objectif 2027 : 90% des ventes indirectes via NDC »

Par David Keller - 23 avril 2023



Australian Trade Advice

Important Update: KrisConnect NDC changes from 1 June 2023

Amadeus CEO Eyes 2024 For NDC **Booking Critical Mass**

Amon Cohen May 9, 2023

Amex GBT to offer Air France-KLM's NDC content

BTNDAILY

Sabre to Distribute Air Canada NDC Content

By Donna M. Airoldi

Travel technology provider Sabre has reached an agreement to distribute Air Canada's New Distribution Capability content for Sabre-connected travel agents, the companies announced Tuesday. Air Canada said it expects to activate its NDC content in Sabre "within the coming months." Keep Reading

Singapore Airlines Expands NDC Content Differentiation

Jay Boehmer June 14, 2023

Singapore Airlines this month ratcheted up its actions to further make content and pricing available in EDIFACT-connected channels less attractive than that in New Distribution Capability-based and direct channels

CWT Partners With Spotnana

Jay Campbell June 14, 2023

With Amazon and Walmart expressing interest in Spotnana, a mature travel management company cozies up to the aspiring disruptor.

...some airlines are already seeing benefits



Airlines who terminated Full Content are reducing their overall distribution costs Some airlines are expanding the scope of ancillaries, and report up to 10 times more sales via travel agencies

Airlines are implementing continuous pricing and report approx. 2% revenue uptake Content differentiation is key





If they want to become truly customer centric airlines need a legacy free framework with Offers & Orders only





- 1. American Airlines
- 2. Air France KLM
- 3. Emirates
- 4. Finnair
- 5. IAG (IB and BA)
- 6. LATAM

- 7. Lufthansa Group
- 8. Oman Air
- 9. Qatar Airways
- 10. Singapore Airlines
- 11. Turkish Airlines
- 12. Xiamen Airlines



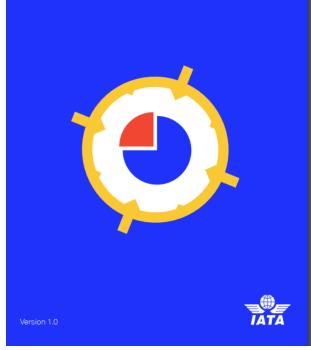
And it is already delivering

- 1. Business case
- 2. Reference Architecture
- 3. RFI Framework
- 4. Airline IT Transition
- 5. Industry Transition

Delivered Delivered Started

Started

Started





March 2023

Modern Airline Retailing

A Business Case

If you embark on this transformation journey, 💓 you may

- Offset your distribution costs
- Increase your revenues by an equivalent of up to 4%*
- Create even more value through greater agility in payment
- Increase your Net Promoter Score
- Increase staff satisfaction scores



Thank you

iata.org/Retailing



Fireside Chat: Airlines Creating Value Through Modern Airline Retailing

Moderator: Yanik Hoyles









Umesh Chhiber Senior Vice-President Revenue, Retail and Cargo Oman Air







Coffee Break



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The Fundamentals for Safe, Efficient, And Sustainable Operations Throughout Africa

Director General, South African Civil Aviation Authority

Poppy Khoza





Panel: Can African Airports Keep Up with Rapid Growth in Aviation?

Moderator: Kashif Khalid







Panelists

Gerold Temulka Chief Strategy Officer Kenya Airways

Abdoulaye Cisse Head of Operations, Middle East, Africa & Asia Menzies Aviation Kashif Kahlid

Moderated by



Georges Touma Head, Airports SITA

Jason Schwabel Regional Director Africa, Middle East & Asia TSA





Panel: Inspiring the Next Generation of Aviation Professionals

Moderator: Haya Zaidan







Panelists

Fadimatou Noutchemo Simo Founder and President, Young African Aviation Professional Association (YAAPA)

Kassie Yimam Managing Director Ethiopian Aviation Academy





Félicité Kou-Nangue

Program Officer, African Union's International Centre for Girls' and Women's Education in Africa

Joep Ellers Airline Marketing Director – Africa, Airbus



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