



# SAFETY

by **TAP**

# Wildlife Risk Management TAP perspective



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# Agenda

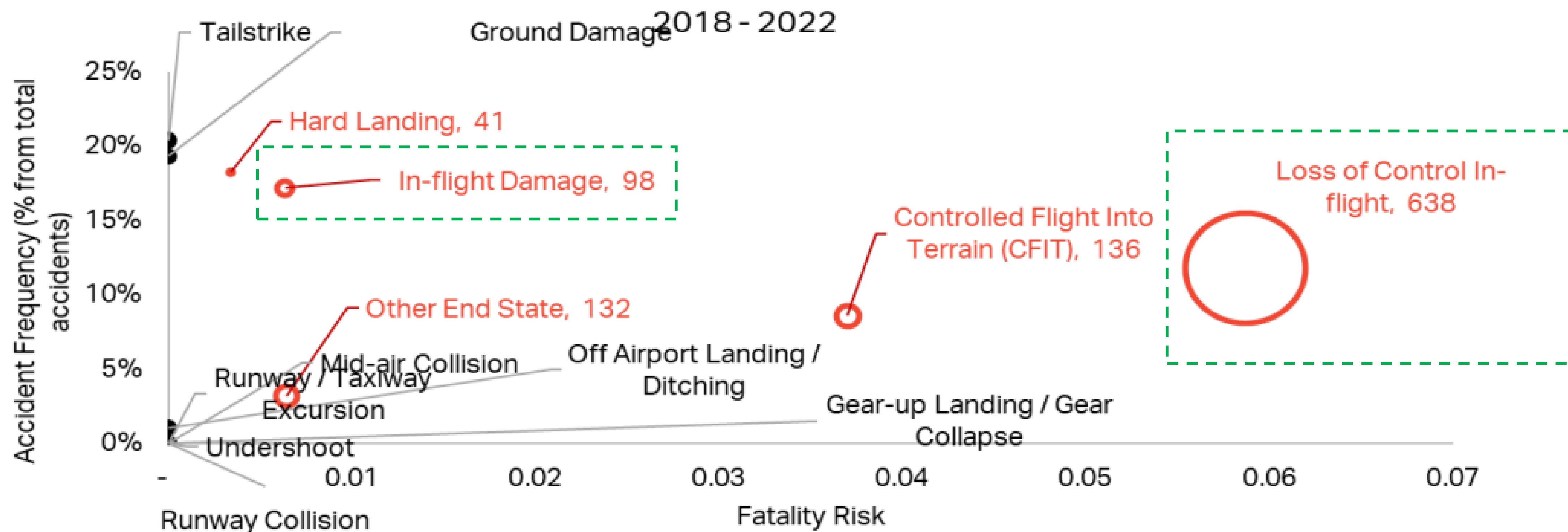
- The “Big Picture”
- TAP bird hazard assessment
- OXB Case Study





# The big picture

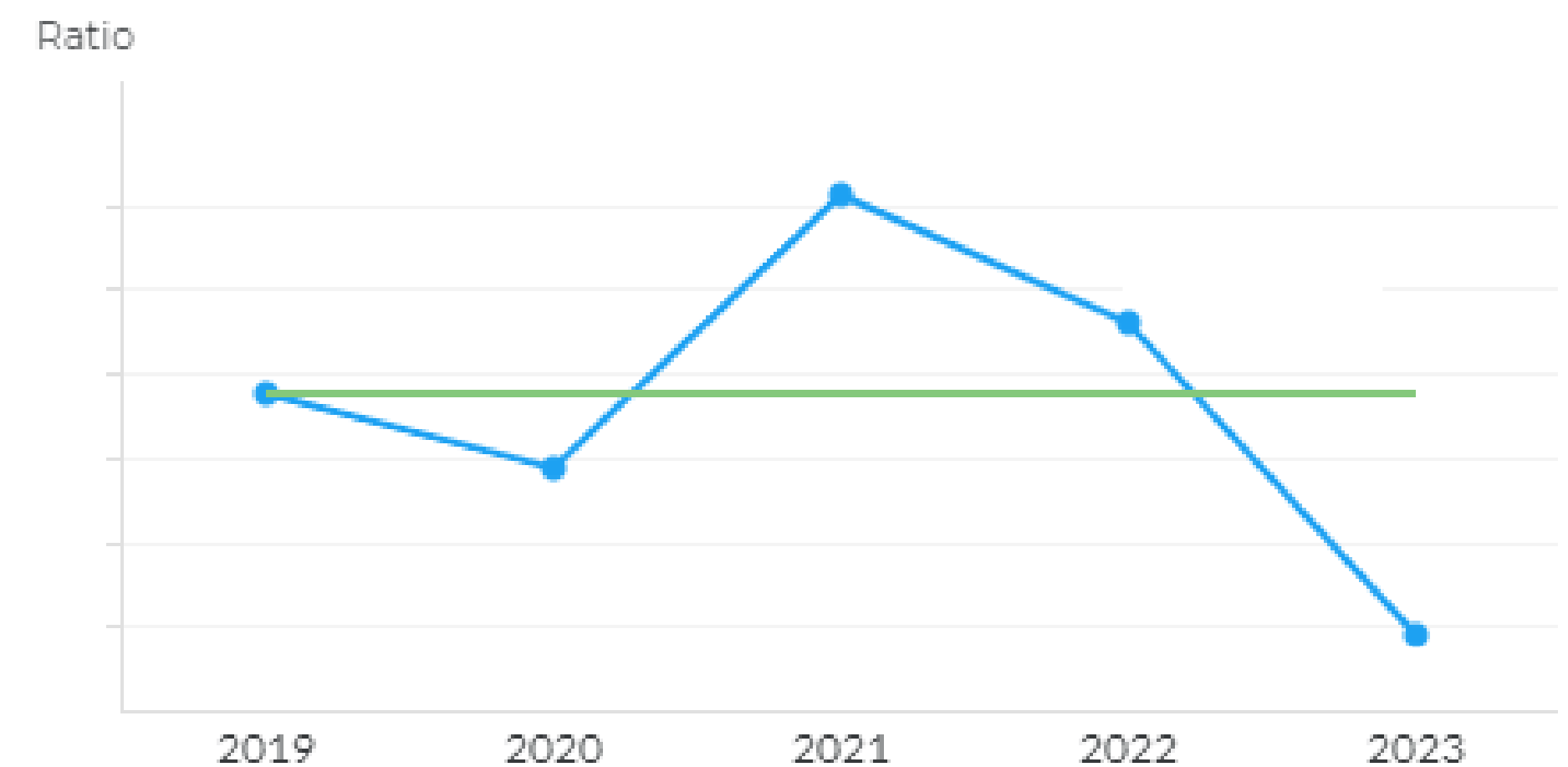
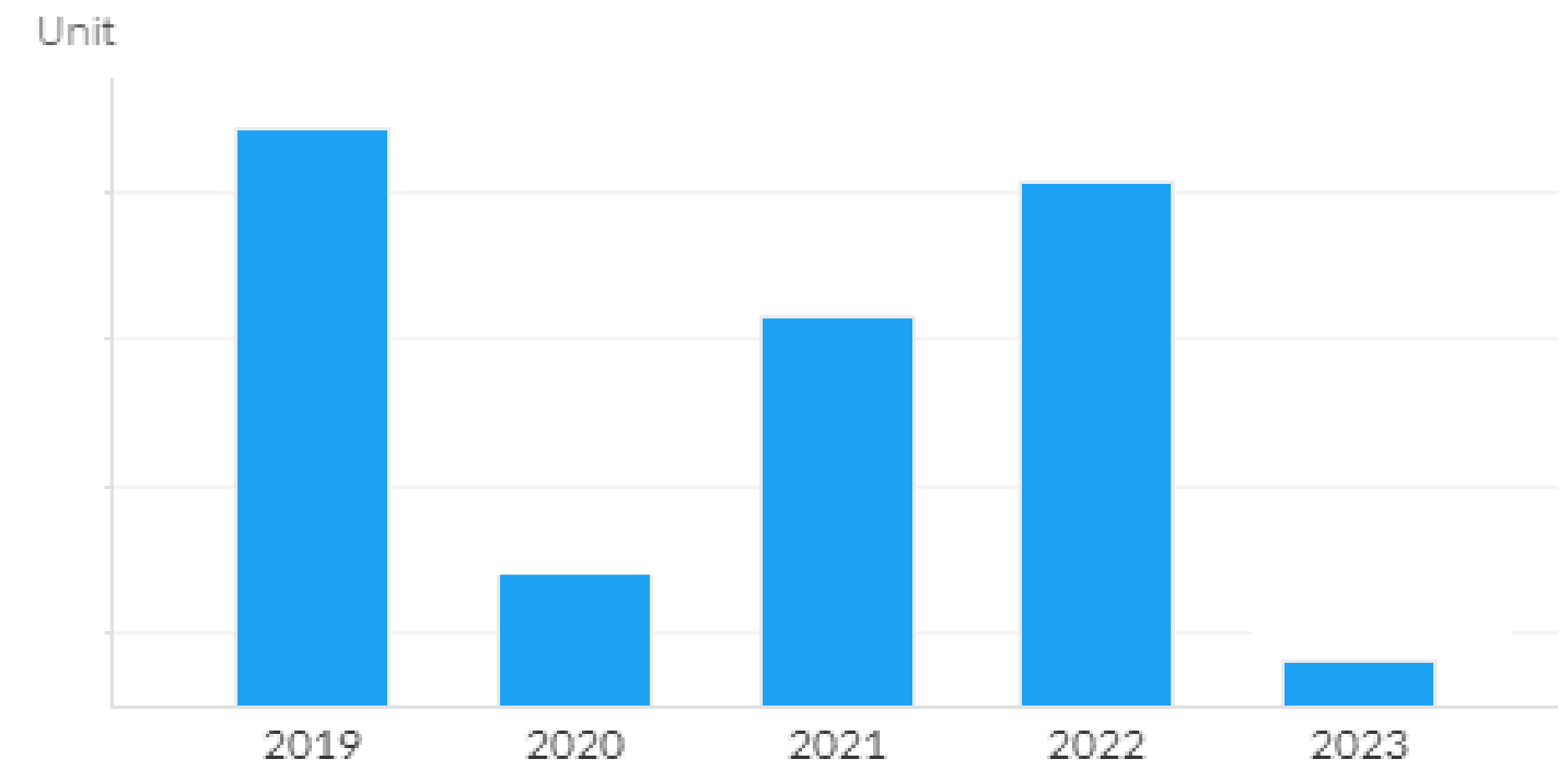
Fatality Risk by Accident Category from 2018-2022 HY



Source: IATA Safety Report – 2022 Half Year

# The big picture at TAP

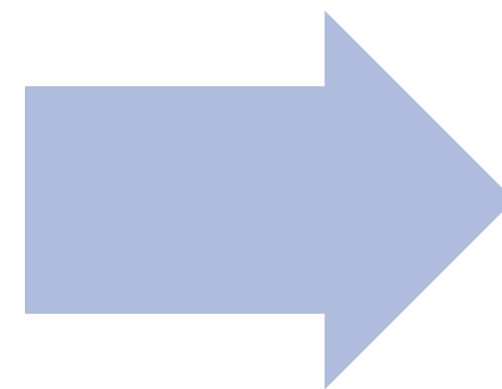
- COVID years with significant reduction in numbers but peaked ratios
- Positive trend since mid 2022
- Overall supervision with local actions
- SOPs defined and additional actions/awareness for specific locations



# Assessment sources

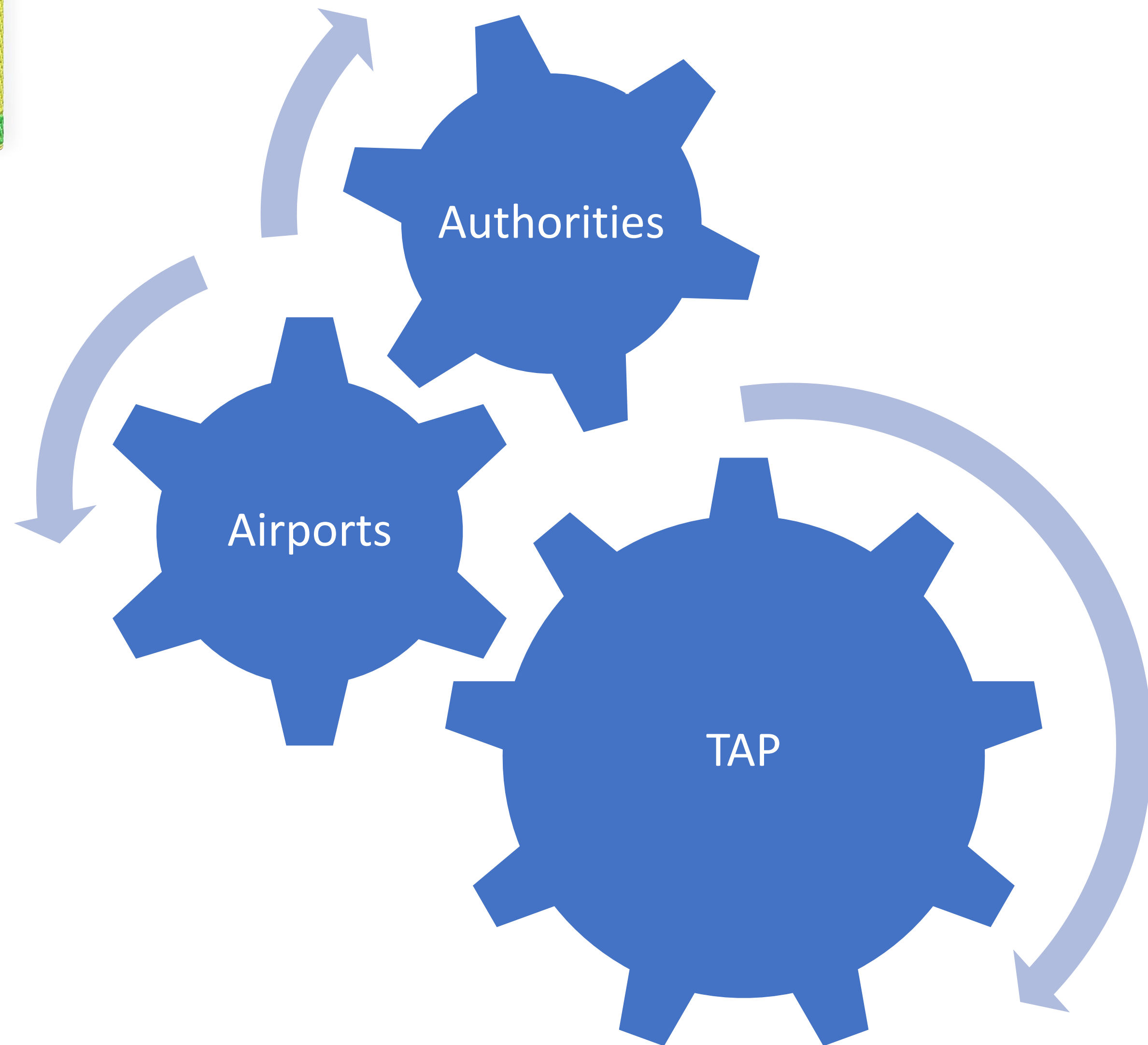
From Reactive

- Safety reporting system



To Proactive

# Engagement



- Reports shared with Airports and Regulatory Authorities
- Participation in Airport Runway Safety Teams to engage with the mitigation actions applied locally

# Case study - OXB



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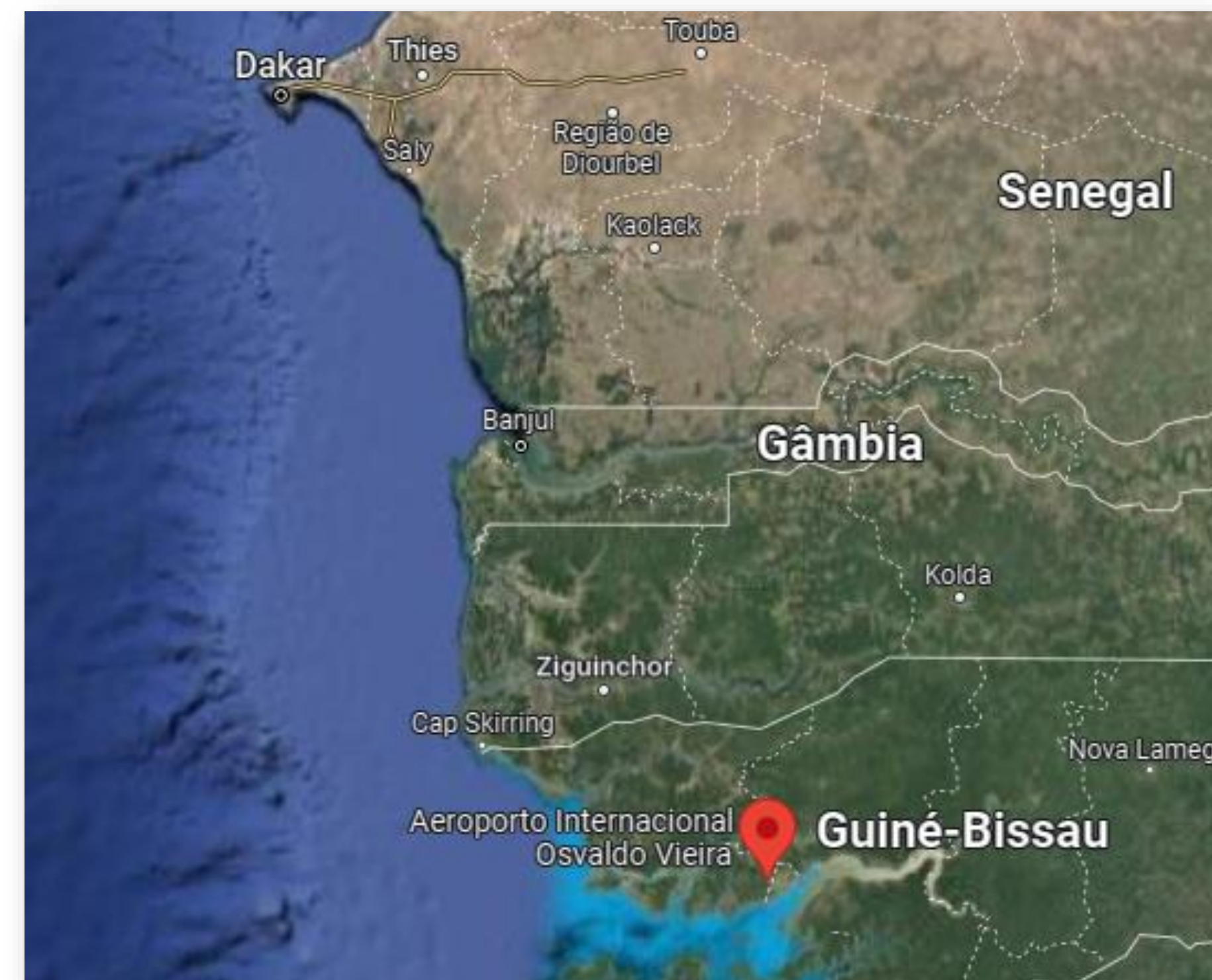


# The scenario

- Osvaldo Vieira International Airport (IATA: OXB, ICAO: GGOV), is the international airport that serves the city of Bissau, the capital of Guinea-Bissau
- Bird hazards are a known threat at OXB, with information available for flight crews

## LOSS OF CONTROL / BIRD HAZARD

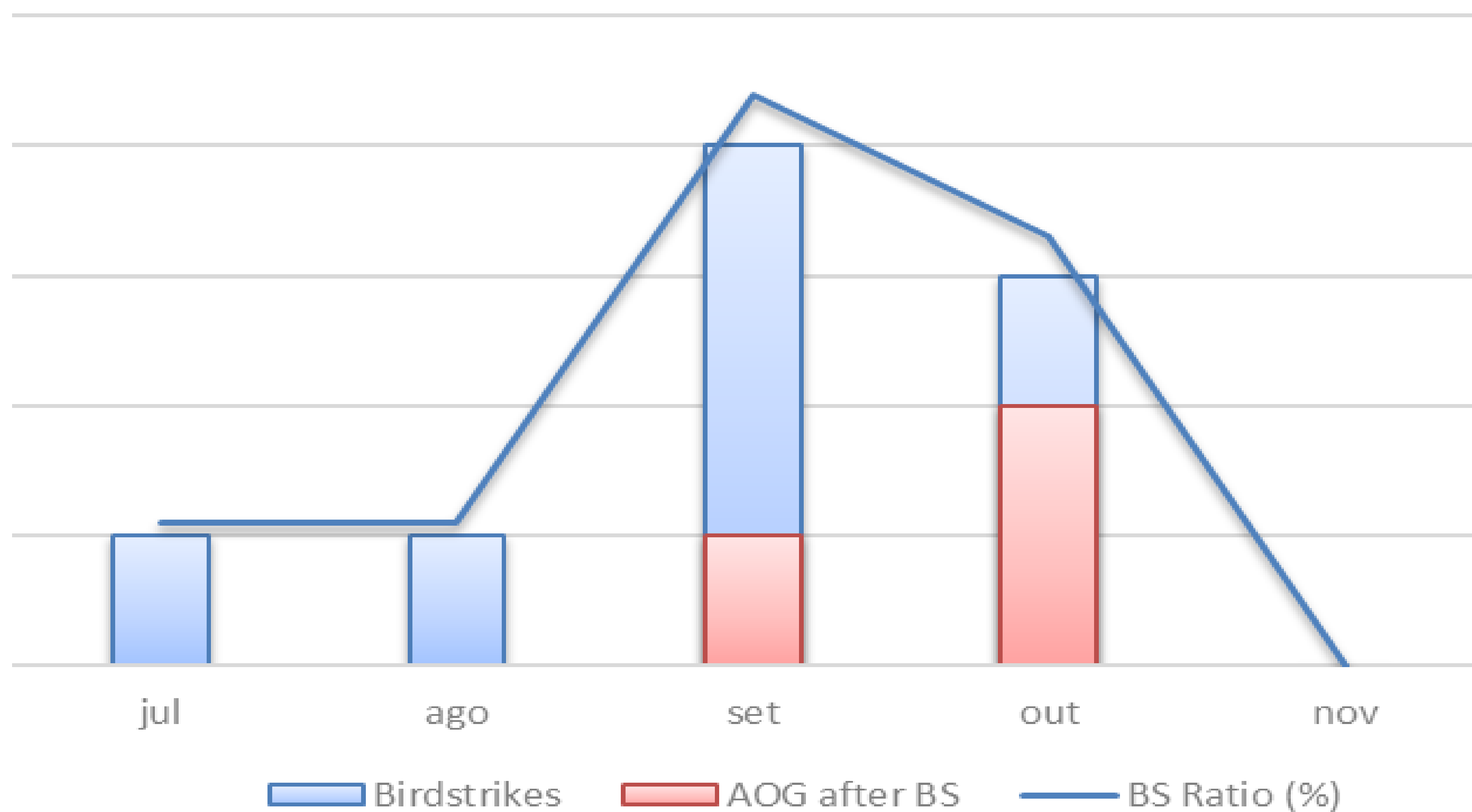
- **Intense bird activity in the vicinity of the aerodrome, day and night and up to 2000 ft.** At night birds or other animals tend to lay down on the RWY. Confirm with Bissau Control that an inspection was made to the RWY to clear birds or other animals/obstructions.



Source: Google Maps



# Our numbers...



# Key Safety concerns

- **Higher bird activity during night**, specially at low altitude during approach and take-off segments and on the runway. During daytime there are reports of reduced bird activity on the runway and/or take-off and landing path.
- Identified some conditions that could lead to wildlife presence:
  - Untreated grass in the airport
  - Slaughterhouses near the airport



Source: OXB Airport

# Mitigation strategies

## Internally

- Based on statistics and local reports, the bird activity on the runway is higher during night-time. Flight schedules to/from OXB were changed to daytime.

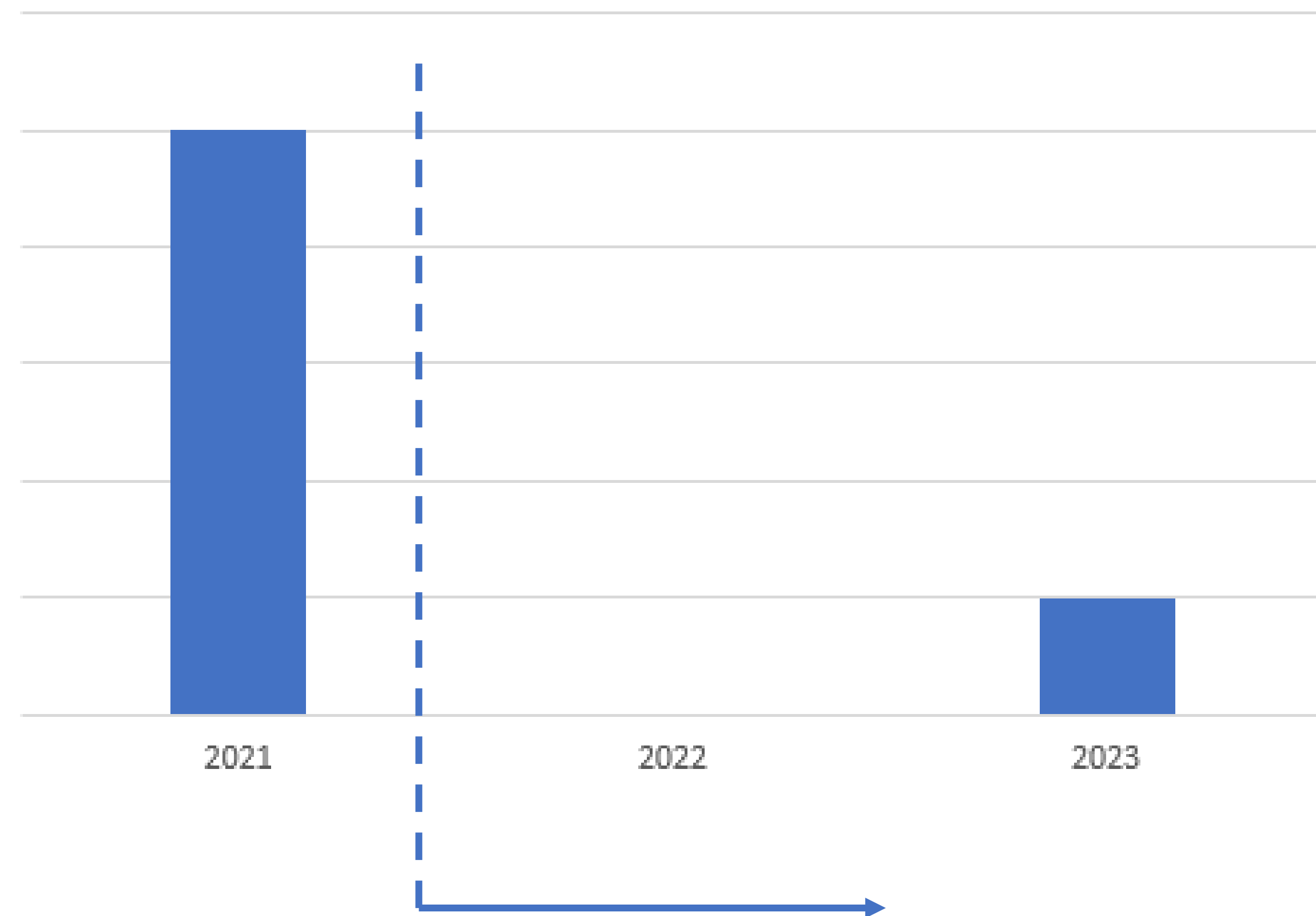
## And externally...

- Requested Airport action plan to reduce bird activity.
- Guinean Authorities were Diplomatically urged to close slaughterhouses which were attracting avian life to the airport vicinity.



# Follow-up

- No events over 2022
- Two new events in 2023, causes reassessed with Airport Authorities for further mitigation actions



After implementation on mitigation actions

# Wrap-up

Effective and enduring mitigation actions are only possible through an effective engagement of all Stakeholders towards a common objective





# Questions?



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**Thank you!**

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TAP Safety Risk Management



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