

# AIRSPACE & NOISE ANNUAL PUBLIC MEETING

2 December 2021

12:30 – 14:00



# Meeting Programme

Organisation	Topic
<b>Introduction</b>	
Gatwick Airport	Introduction, Welcome and Context
<b>Part 1 - Noise</b>	
Gatwick Airport	Noise Governance and the END NAP
GATCOM / NaTMAG	Oversight and verification of GAL's performance
NMB	Achievements/challenges of the last year and looking ahead
Gatwick Airport	Update on implementation of NMB Workplan action (Airline Noise Performance Table)
Q&A	Slido questions
<b>Part 2 - Airspace</b>	
Gatwick Airport	GAL perspectives over the year
NATS	NATS perspectives over the year
CAA	Airspace Modernisation Strategy and Airspace Masterplan
Gatwick Airport	Airspace Modernisation Planning
Q&A	Slido questions
<b>Meeting close</b>	
Gatwick Airport	Meeting close



# Noise Governance and the END NAP

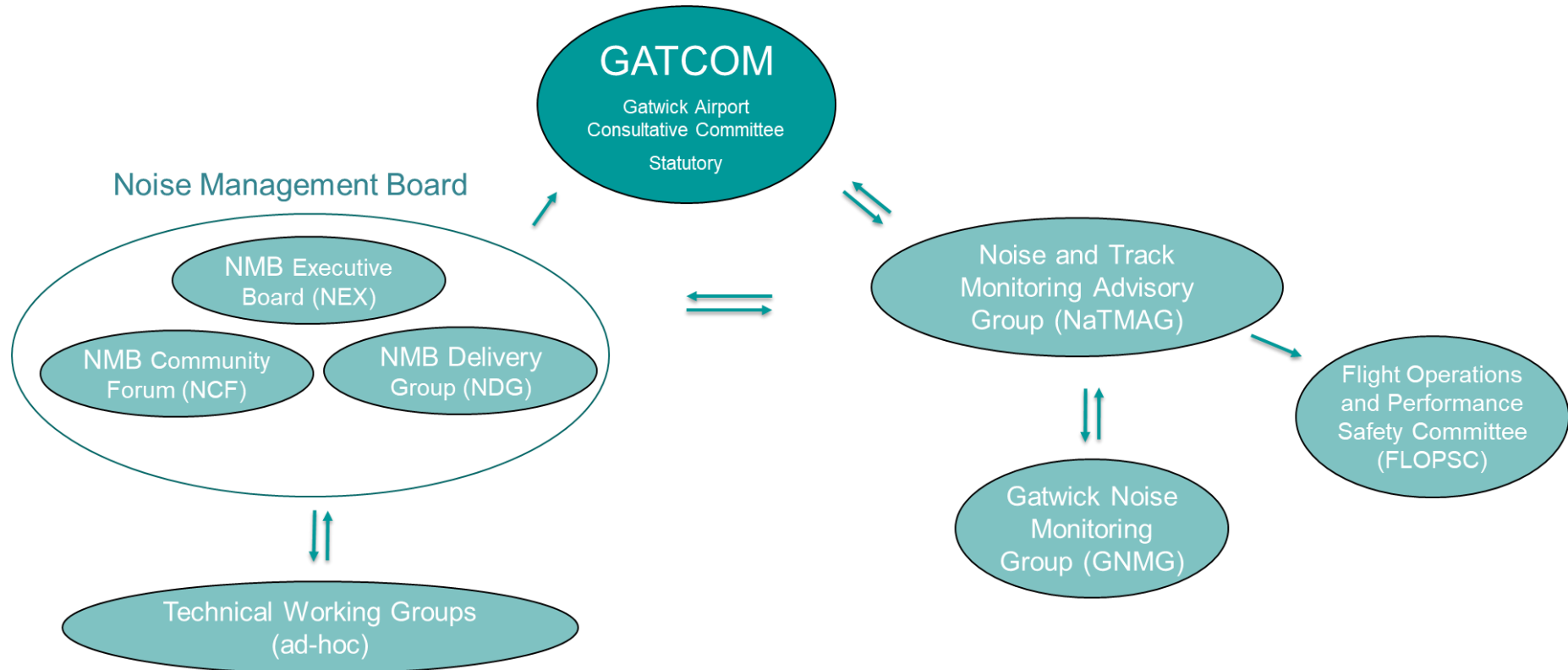
**Gatwick Airport:** Lee Howes



# Noise Governance and the END NAP

## Gatwick Airport: Lee Howes

### Aviation noise management at Gatwick Airport



# Noise Governance and the END NAP

## Gatwick Airport: Lee Howes

### Aviation noise management at Gatwick Airport

The Gatwick Airport Consultative Committee provides a **statutory** forum for airports to consult on a broad range of topics including noise, with a wide range of stakeholders.

The Noise Management Board (NEX, NCF, NDG and the ad-hoc technical working groups) **looks forward** and aims to find voluntary agreement and collaboration between its members on measures **over and above existing** statutory noise management obligations and initiatives established in the END Noise Action Plan and elsewhere.

The Noise and Track Monitoring Advisory Group focuses on **past, present and near term** performance within the scope of its remit.

The Gatwick Noise Monitoring Group focuses on **noise trends** in various locations.

The Flight Operations Performance and Safety Committee is a key interface between the airlines and the Airspace Office where noise abatement performance can be **improved** and other noise reduction initiatives discussed.



# Oversight and verification of GAL's performance

**GATCOM / NaTMAG:** Mike George



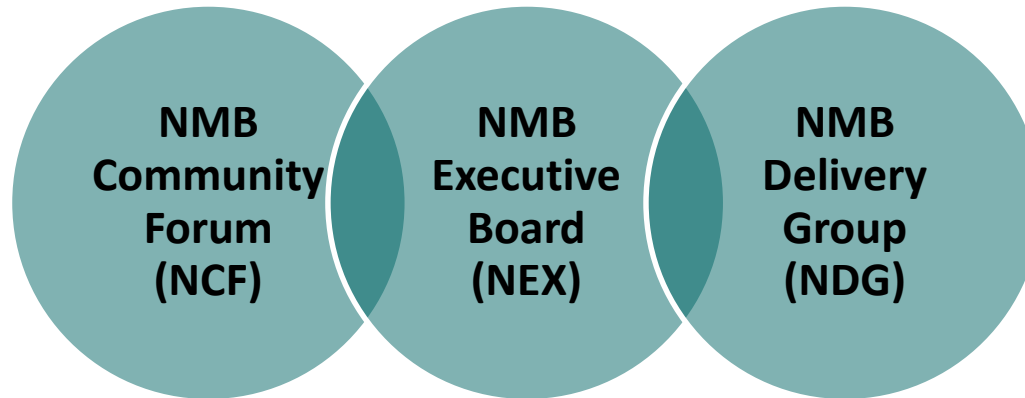
# Achievements/challenges of the last year and looking ahead

**Noise Management Board:** Graham Lake, Warren Morgan, Jonathan Drew



# Achievements/challenges of the last year and looking ahead

**Noise Management Board:** Graham Lake, Warren Morgan, Jonathan Drew



- Three independent Chairs:
  - Warren Morgan: NMB Community Forum (NCF)
  - Jonathan Drew: NMB Executive Board (NEX)
  - Graham Lake: NMB Delivery Group (NDG)





# Achievements/challenges of the last year and looking ahead

## Noise Management Board: Graham Lake, Warren Morgan, Jonathan Drew

NMB Workplan activities which address 12 key issues identified by the NMB:

	Workplan Activity
Procedural changes	1. Reduced night flight noise
	2. Landing gear deployment
	3. New departure noise limits & fines
	4. Improve departure continuous climb
	5. Review of noise abatement procedure for the Instrument Landing System (ILS) minimum joining point during the night
Procedural influences	6. Implement Airline Noise Table
	7. Deliver & incentivise Low Noise Arrivals Metric
	8. Agree & routinely use noise metrics
Strategic change influencing	9. Engagement with FASI-S
	10. Examine Fair & Equitable Dispersal
Noise-related information for decision making	11. Planning & Noise
	12. Growth & Noise



# Update on implementation of NMB Workplan action (Airline Noise Performance Table)

**Gatwick Airport:** Kim Heather



# Update on implementation of NMB Workplan action (Airline Noise Performance Table)

## Gatwick Airport: Kim Heather

Q3 2021 data shown

Rank by ATMs	Airline name	Total movements	QC/Seat	Rank (QC)	CDO performance	Rank (CDO)	TK performance	Rank (TK)
1	<b>EasyJet</b>	14,153	0.00162	2	95.35%	3	99.38%	9
2	<b>TUI Airways</b>	1,806	0.00250	6	95.21%	4	99.69%	7
3	Vueling	1,042	0.00191	3	86.10%	9	99.17%	10
4	Ryanair	799	0.00265	8	98.23%	2	100.00%	1
5	<b>British Airways</b>	526	0.00290	9	93.33%	5	98.98%	11
6	Aurigny	435	0.00250	7	99.07%	1	99.54%	8
7	Air Baltic	352	0.00144	1	85.71%	10	100.00%	1
8	Air Europa	344	0.00313	10	64.33%	13	98.84%	12
9	Norwegian	339	0.00361	13	92.90%	6	100.00%	1
10	Ukraine International	185	0.00319	12	80.22%	11	100.00%	1
11	Royal Air Maroc	165	0.00318	11	86.59%	8	98.80%	13
12	Aer Lingus	162	0.00216	5	75.00%	12	100.00%	1
13	WestJet	143	0.00196	4	87.32%	7	100.00%	1

**Continuous Descent Operations (CDO) Performance** RAG definition: **Green**  $\geq 85\%$  **70%  $\leq$  Amber  $< 85\%$  Red  $< 70\%$**

**Track Keeping (TK) Performance** RAG definition: **Green**  $\geq 95\%$  **90%  $\leq$  Amber  $< 95\%$  Red  $< 90\%$**

Carriers with a base at Gatwick are highlighted in **bold**.

Airlines in the table have a minimum of 10 flights per week.

Route 4 is omitted from the track-keeping due to known flyability issues on the route, however traffic using the route is continuing to be monitored by the Gatwick Airspace Office.

Link to Airspace Office reports:

<https://www.gatwickairport.com/business-community/aircraft-noise-airspace/noise-reports/>



# Q&A

[www.slido.com](http://www.slido.com)

**#954 089**



# Gatwick Airport perspectives over the year

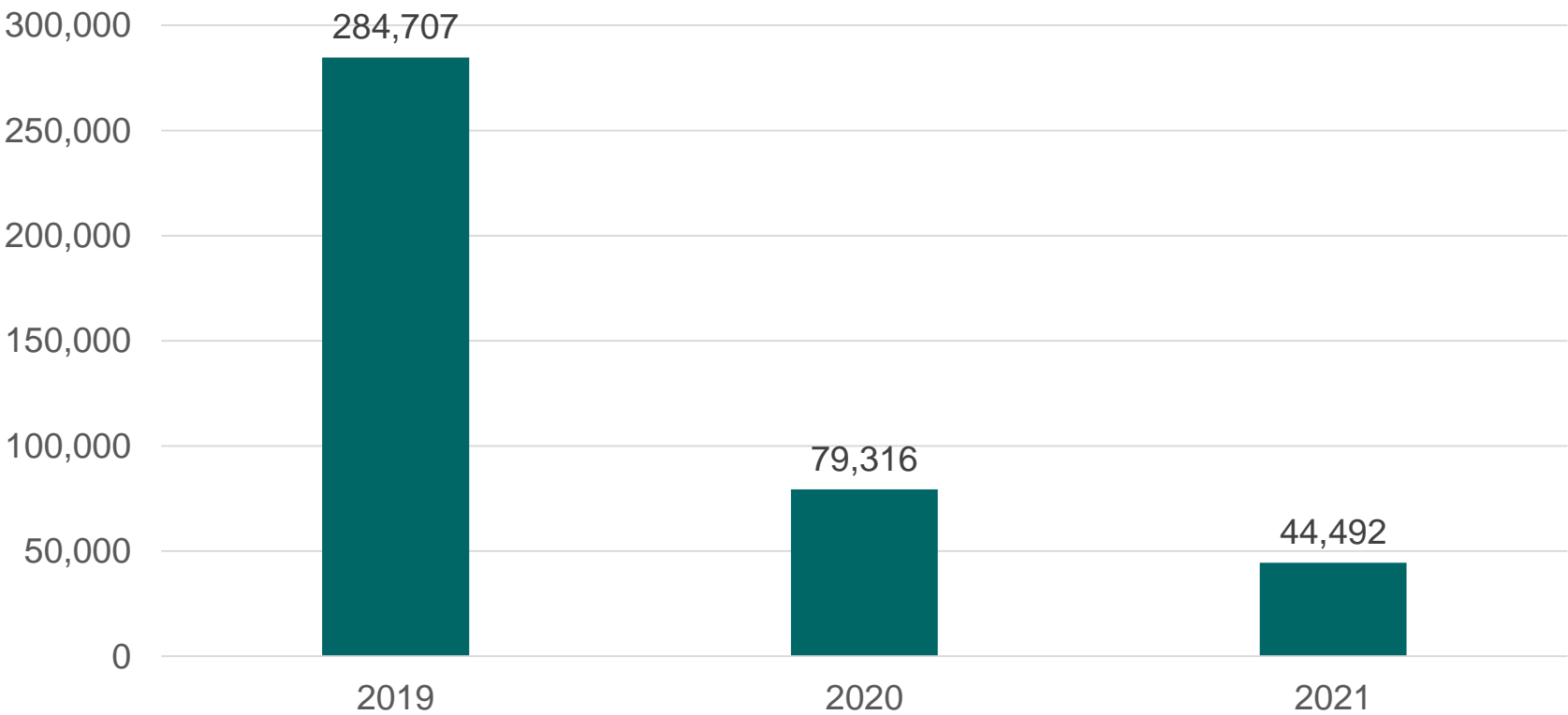
**Gatwick Airport:** Andy Sinclair



# Gatwick Airport perspectives over the year

Gatwick Airport: Andy Sinclair

## Number of Air Traffic Movements Per Annum



\* Up to November 2021

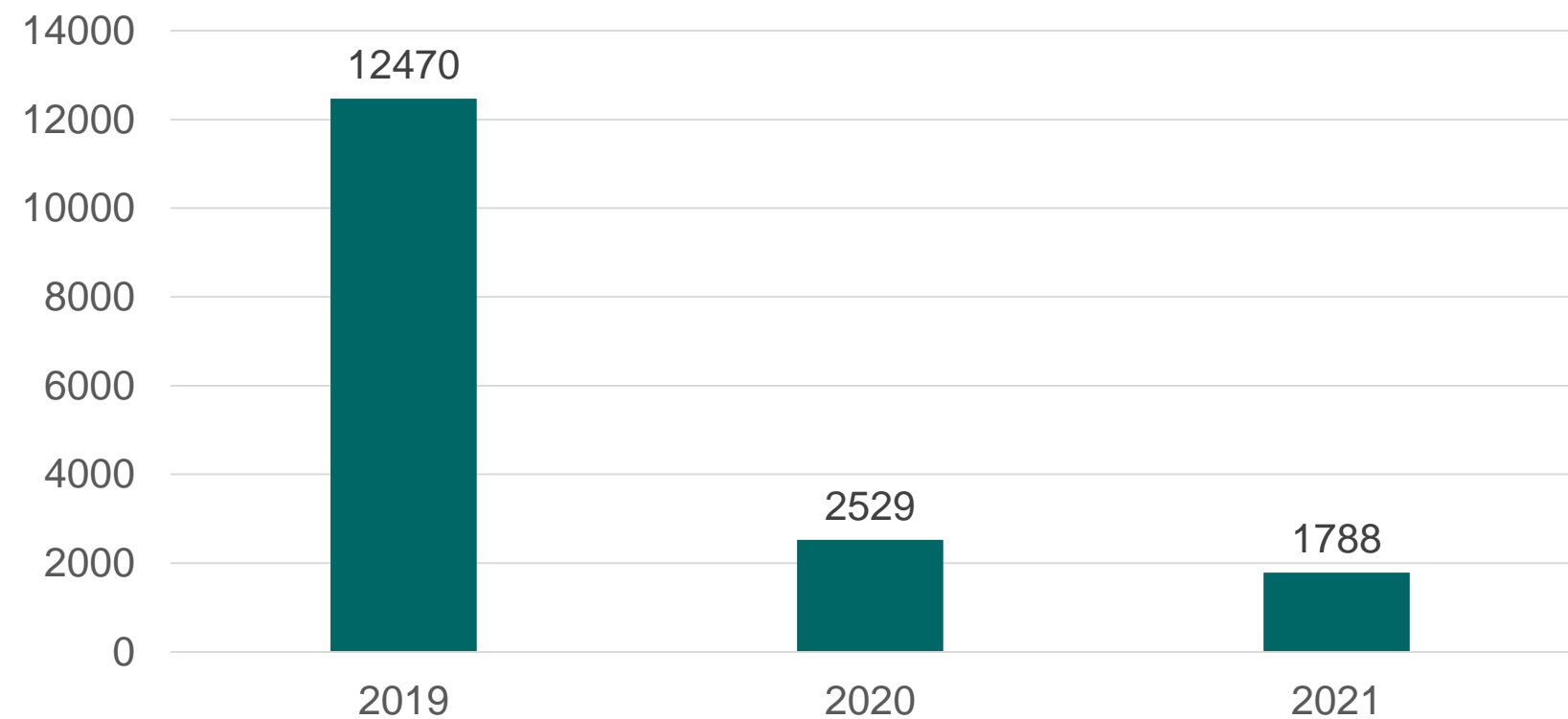
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# Gatwick Airport perspectives over the year

Gatwick Airport: Andy Sinclair

## Number of Flights in the Night Period (2330-0600)



\* Up to November 2021

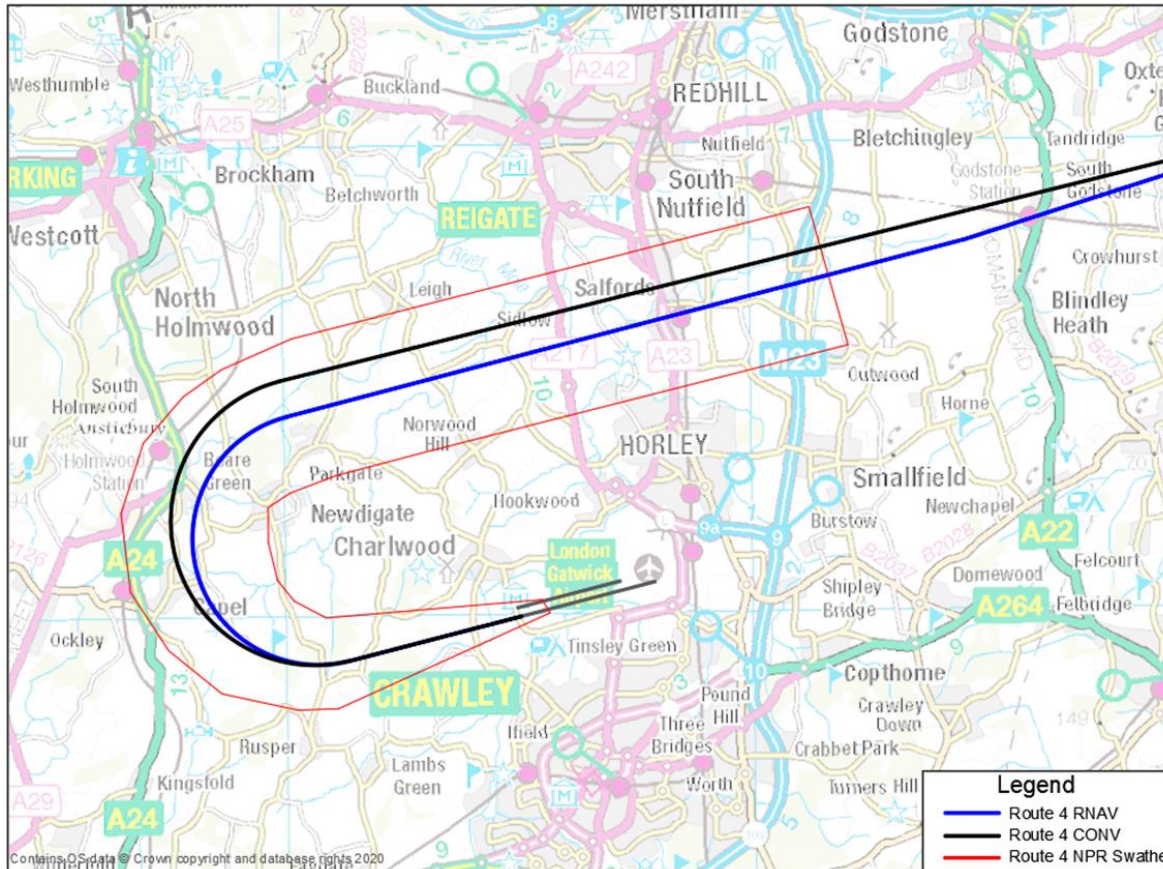
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# Airspace Modernisation Planning

## Gatwick Airport: Andy Sinclair

### Route 4 Nominal Track Comparison



Average flight paths of the Gatwick Route 4 SIDs, conventional and RNAV, drawn according to the AIRAC 01/2020 AIP Data, ICAO PANS OPS 8168 Vol II criteria and CAP 778 criteria where different.





# NATS perspectives over the year

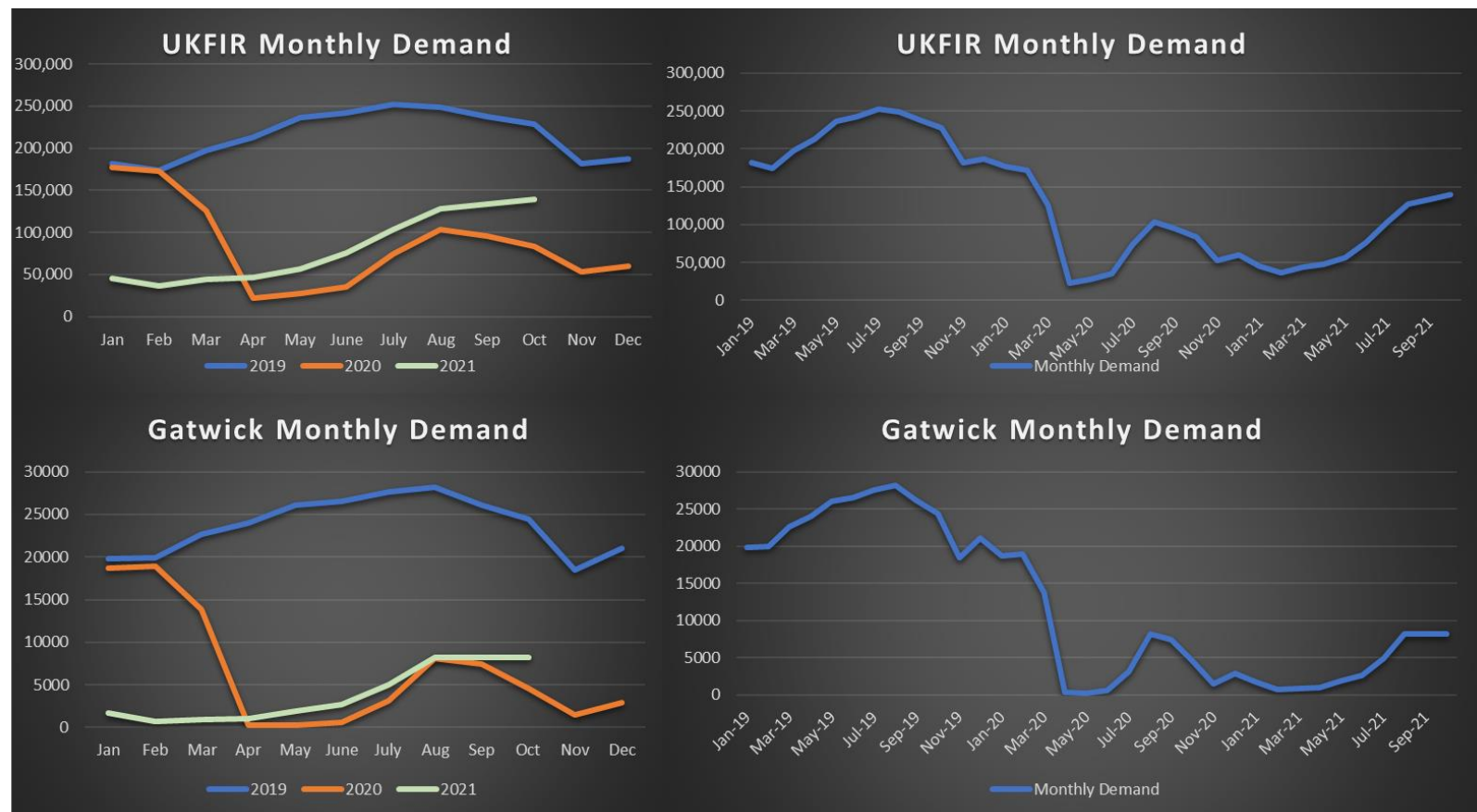
**NATS:** Andrew Burke



# NATS perspectives over the year

NATS: Andrew Burke

## Traffic during the pandemic



Busiest day in UKFIR in 2021: Friday 22 October – 5133 Movements

Busiest day for Gatwick in 2021: Sunday 31 October – 409 Movements



# NATS perspectives over the year

**NATS:** Andrew Burke

**22 October 2021**

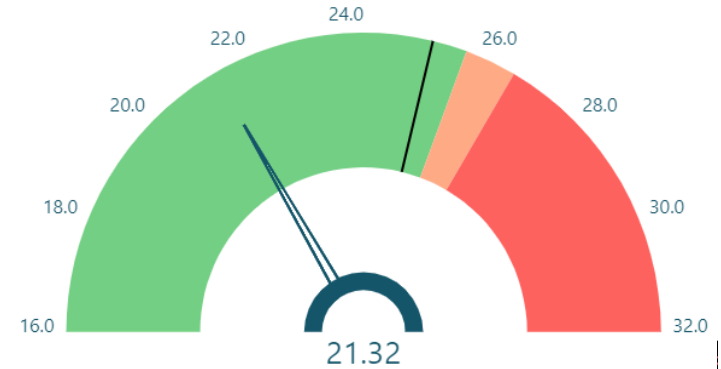


# NATS perspectives over the year

NATS: Andrew Burke

## Sustainable Operations

- 3Di Performance
- Refinement of Performance Indicators
  - RFL v Flown, CDO, LNAM, Track Extension
- We will continue to closely monitor and take action on our Environmental Performance.
- Future airspace developments will be under more scrutiny to ensure that they not only deliver capacity or complexity improvements but environmental benefits as well.
- We continue to support initiatives such as the eco demonstrator flights such as those operated by DHL, British Airways and Etihad.



# Airspace Modernisation Strategy and Airspace Masterplan

**CAA:** Stuart Lindsey



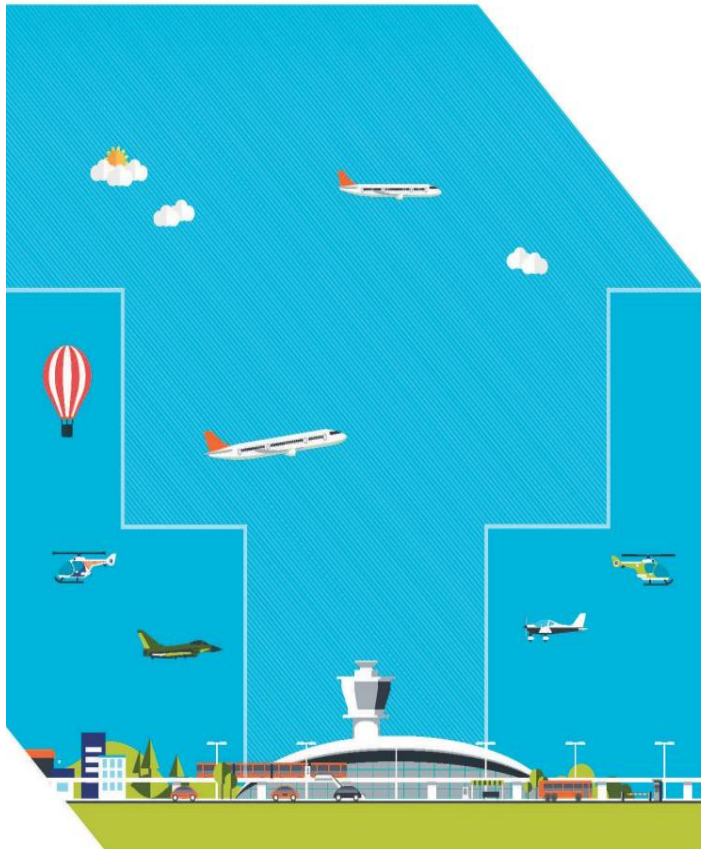


# Airspace Modernisation Strategy and Airspace Masterplan

CAA: Stuart Lindsey

Airspace Modernisation Strategy

CAP 1711



## Airspace Modernisation Strategy (AMS) – CAP1711

(...it's not the Airspace Change Process – CAP1616)

The AMS has a statutory basis – it is required under 'Direction' from DfT and progress is reported annually

(...proposed changes to the airspace structure must 'not be inconsistent with the AMS')

AMS Currently undergoing pre-consultation engagement

(...public consultation launches early January 2022)

Certain AMS 'Initiatives' (FASI) require coordination – ACOG and their Masterplan

(...an iterative, evolving master planning process that informs CAP1616 Stages' Gateway decisions)



# Airspace Modernisation Planning

**Gatwick Airport:** Andy Sinclair



# Airspace Modernisation Planning

## Gatwick Airport: Andy Sinclair

### Future Airspace Strategy Implementation – South (Gatwick)



NATS will design the airspace above 7000 feet; this is where the majority of new capacity will be created. Airports will review and redesign procedures to around 7000 feet.



<https://www.oneskyoneplan.uk/>

<https://www.gatwickairport.com/business-community/aircraft-noise-airspace/airspace/airspace-modernisation/>





# Q&A

[www.slido.com](http://www.slido.com)

**#954 089**



# Thank you

*These slides along with a post-meeting note will be published on Gatwick's Website here:*

<https://www.gatwickairport.com/business-community/aircraft-noise-airspace/engagement/noise-management-board/key-documents/>

