

# Gatwick Airport Update

Horley Town Council AGM  
28 April 2017

Alison Addy  
Head of Community Engagement

Andy Sinclair  
Head of Airspace Strategy & Engagement



# Gatwick by numbers

- 44 million passengers in 2016/17
- Serving 228 destinations in 74 countries around the globe
- 24,000 people employed on the airport, 13,000 in airport related jobs in the area.
- 1,216 employees live in Horley



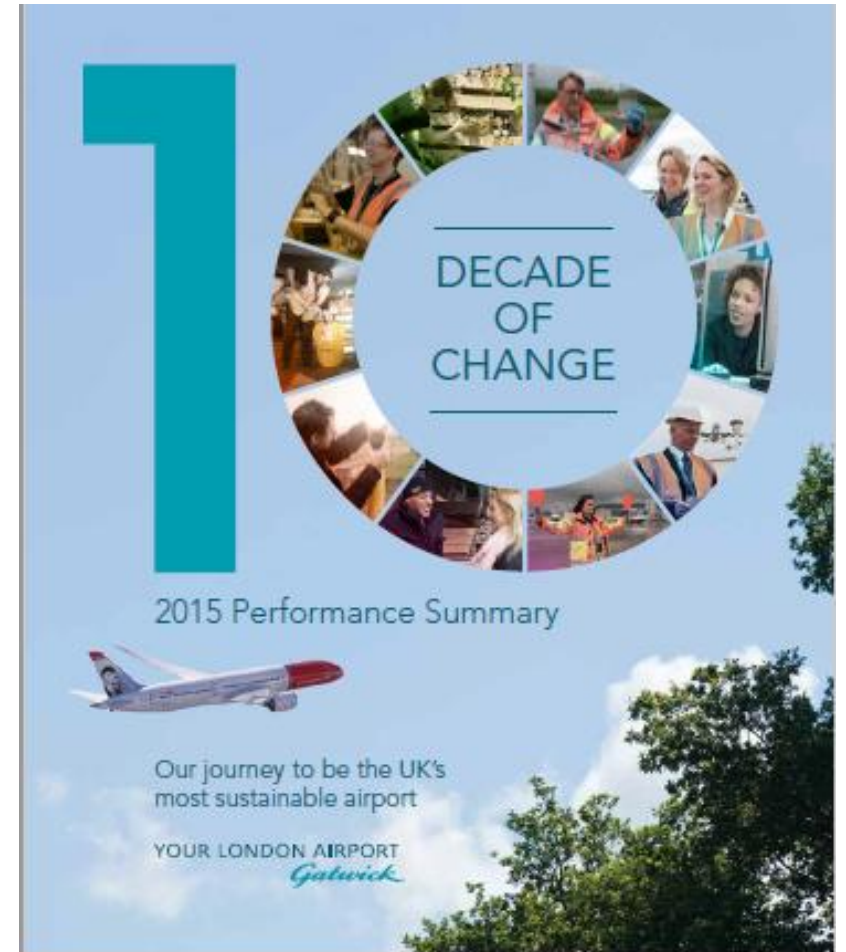
# Long haul growth



# Decade of Change – 2010 to 2020

→ Ten years, ten aspects

- Carbon
- Energy
- Water
- Waste
- Air Quality
- Transport
- Biodiversity
- Noise
- Local economy
- Local community



# Local Community – highlights for Horley

- Airport engagement visit 2016
- Community sponsorship:
  - Horley Christmas Lights and Grotto
  - Horley Carnival

## Support for local causes:

- Gatwick Foundation Fund
- Gatwick Airport Community Trust



# Education

- ➔ Inform - Inspire - Invest
- ➔ Partnership with Oakwood School
- ➔ New in 2017:
  - ➔ Learn Live monthly broadcast to schools
  - ➔ Big Bang Fair South East Airport Zone

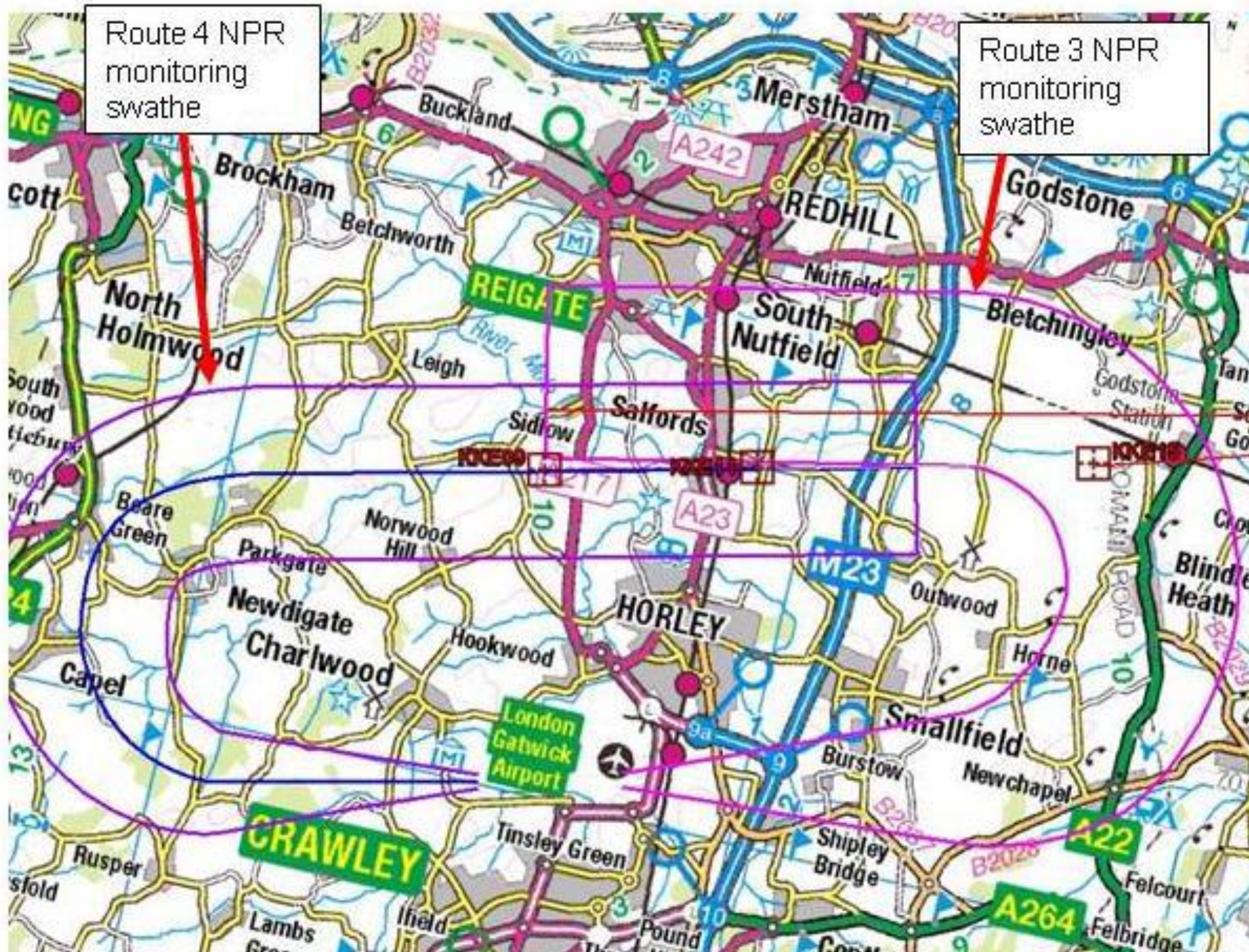


# Airspace and Route 4 Decision

Andy Sinclair  
Head of Airspace Strategy & Engagement



# Route 4





# Route 4 monitoring period

- Monitoring period ended 26 Nov 16, for the amended Standard Instrument Departure (SID) routes in the Route 4 Noise Preferential Routes (NPR)
- CAA provided with detailed data on flight conformance and complaints
- More recently CAA provided with information on the operation of Route 4 from flights operating around the time of 'Storm Doris
- Gatwick Flight Performance Team continues to monitor Horley overflight and work with NATS to reduce levels of overflight
- CAA Route 4 decision published Friday 7 Apr



# Route 4 performance

- Track-keeping conformance was 93.95% May-Nov 16
- Following the original R-NAV1 implementation track conformance dropped to 62.06%. May-Nov 15
- Aircraft flying Route 4 during both periods was around the same - 19,792 (2015) and 19,722 (2016) - this amendment reduced off track aircraft by 6315
- During the monitoring period there were 16,964 Route 4 complaints from 1,863 individuals. Top 50 individuals produced 34% and top 100 produced 47% of the feedback
- Of those 4,858 (29% of the total) from 695 individuals (37%), related to Horley overflight



# Horley overflight

- Horley overflight increased from historical levels of 1-3% to highs of 8-9%:
  - July 2016 - 420 aircraft (8.45%)
- Mitigation action has reduced Horley overflight:
  - March 2017 - 10 aircraft (0.30%)

WEEKLY DATA SENT TO NATS	Route 4 departures	Horley Overflight	% Horley Overflight
30/12/2016-05/01/2017	589	4	0.68%
06/01/2017-12/01/2017	821	9	1.10%
13/01/2017-19/01/2017	338	7	2.07%
20/01/2017-26/01/2017	176	0	0.00%
27/01/2017-02/02/2017	527	1	0.19%
03/02/2017-09/02/2017	377	6	1.59%
10/02/2017-16/02/2017	212	1	0.47%
17/02/2017-23/02/2017	918	8	0.87%
24/02/2017-02/03/2017	908	6	0.66%
03/03/2017-09/03/2017	944	5	0.53%
10/03/2017-16/03/2017	870	3	0.34%
17/03/2017-23/03/2017	768	1	0.13%
24/03/2017-30/03/2017	401	1	0.25%
31/03/2017-06/04/2017	953	2	0.21%
07/04/2017-13/04/2017	888	2	0.23%
14/04/2017-20/04/2017	589	1	0.17%



# CAA decision undertakings

- Provide information to communities on the corrected Route 4 conventional SID, explain why it has to be corrected and how it will align with the existing NPR
- Consider options for a second RNAV 1 SID (with a similar design to the modified RNAV 1) but with a modified eastbound track similar to the original RNAV 1
- Consider the potential for obtaining respite by alternating or switching a proportion of Route 4 departures onto another route
- Consult with Heathrow and NATS to investigate the withdrawal of the published Heathrow to Gatwick positioning-flight SID



# CAA decision undertakings

- Clarify the Aeronautical Information Publication noise abatement procedures entry that applies to the definition of the NPR, the vectoring altitude restriction (4000ft) and the air traffic control operational procedures for flights directly over Horley
- Ensure operators comply with noise abatement procedures. As a priority, that:
  - operators ensure that their procedures are designed to maintain track conformance within the NPR
  - operators ensure that their operating procedures are designed to maintain track conformance, within the NPR monitoring swathe even on days with strong south/south-westerly winds
- provide information on the Airport's automatic information systems for pilots on south/south-westerly winds



# Further Information

## **The Gatwick Airport Consultative Committee**

We encourage residents to learn more about the work of GATCOM, to find out who your representative is, please visit [www.gatcom.org.uk](http://www.gatcom.org.uk)

## **The Noise Management Board (NMB).**

The core role of the NMB is to develop, agree, oversee and maintain a co-ordinated noise management vision and subsequent strategies for Gatwick on behalf of stakeholder organisations. The main aim of this work is to reduce the impact of noise on the local community.

[www.gatwickairport.com/nmb](http://www.gatwickairport.com/nmb)

## **Gatwick Airport Website**

Gatwick Airport Noise Lab, Flight Tracker, Reports and Publications.

[www.gatwickairport.com/business-community/aircraft-noise--airspace](http://www.gatwickairport.com/business-community/aircraft-noise--airspace)



# Questions

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