

NACF 27 NOVEMBER 2024

# HEATHROW NOISE ACTION PLAN

# Heathrow



OUR JOURNEY TO

# QUIETER



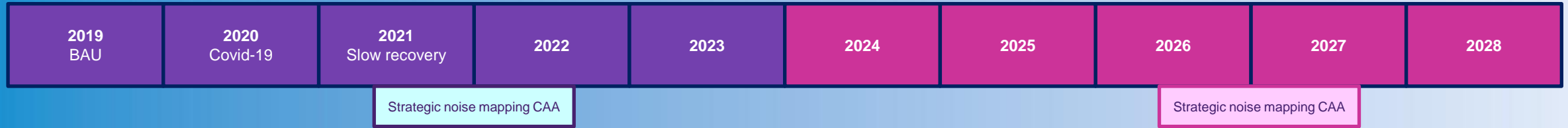
# CONTENT

- DEVELOPMENT HISTORY, CONSULTATION, OBJECTIVE
  - COMPREHENSIVE OVERVIEW (20 MINUTES)
  - Q&A SESSION (10 MINUTES)
- HEATHROW COMMITMENTS
  - KEY INITIATIVES AND GOALS (20 MINUTES)
  - Q&A SESSION (10 MINUTES)
- BREAK 20 MINUTES -----
- MOVING FORWARD ON NACF-NAP ENGAGEMENT
  - COLLABORATIVE OPPORTUNITIES (20 MINUTES)
  - ACTION ITEMS AND NEXT STEPS (10 MINUTES)

# DEVELOPING A NEW NAP – 5 YEAR CYCLE

## NAP 2019 – 2023

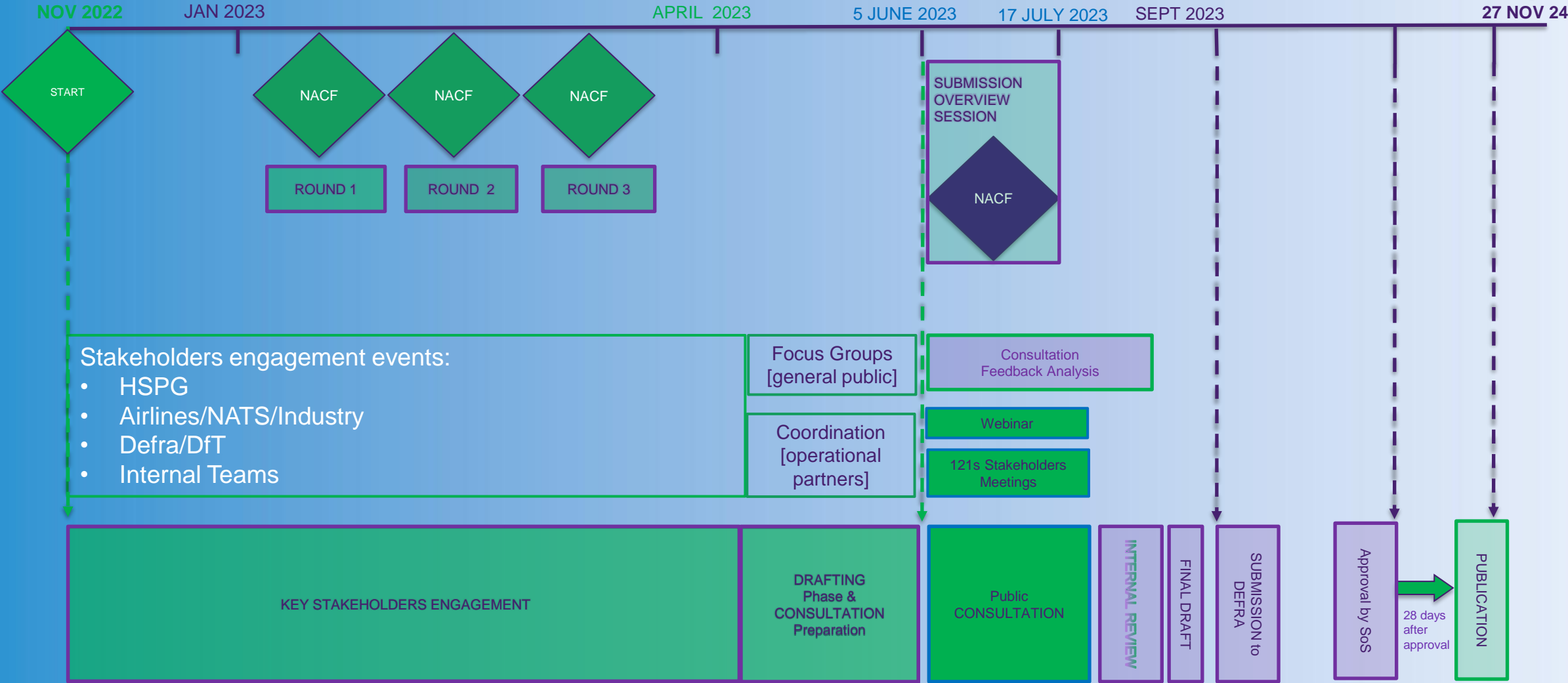
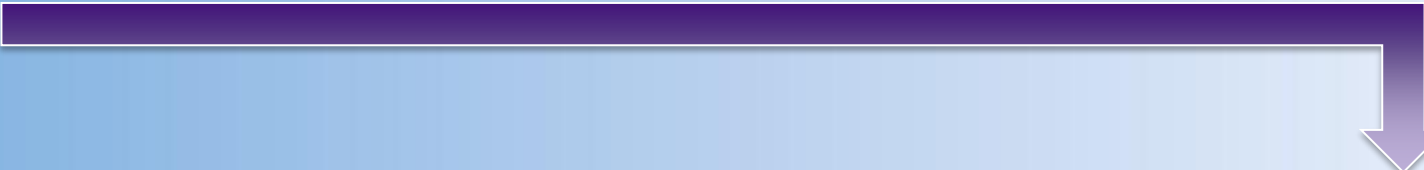
## NAP 2024 – 2028



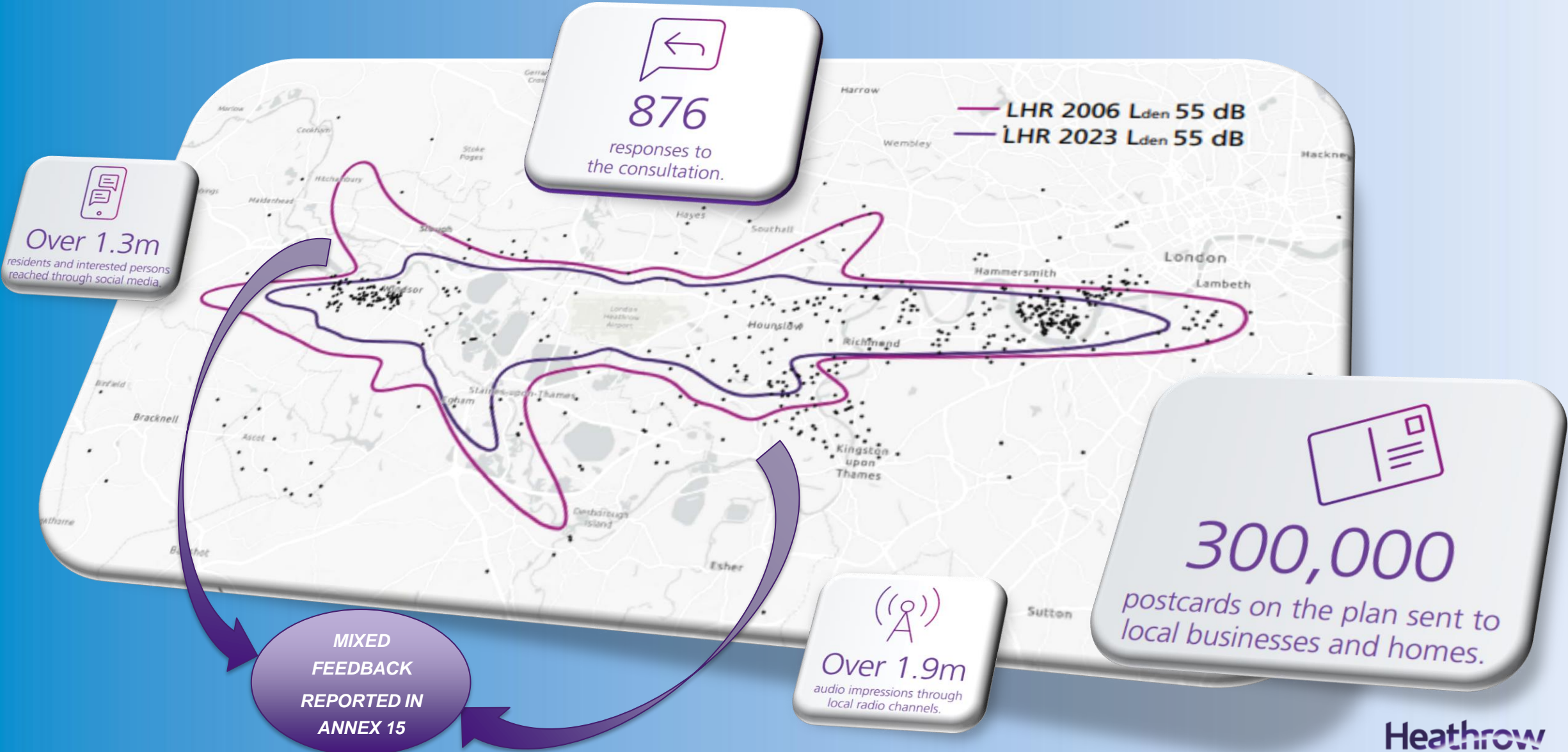
- Adopted by DEFRA in October 2024 – now published
- Started to deliver the NAP from 1 January 2024
- 2021 Strategic noise maps replaced by the year that better reflects the situation for the Round 4, namely 2019
- Reviewed and revised the R3 NAP -> R4 NAP
- Reviewed DfT & H2.0 objectives and desired outcomes
- Public Consultation results in ANNEXES
- Forecast 2026 contours
- *Stakeholders' engagement , including NACF, key feature in the new NAP*



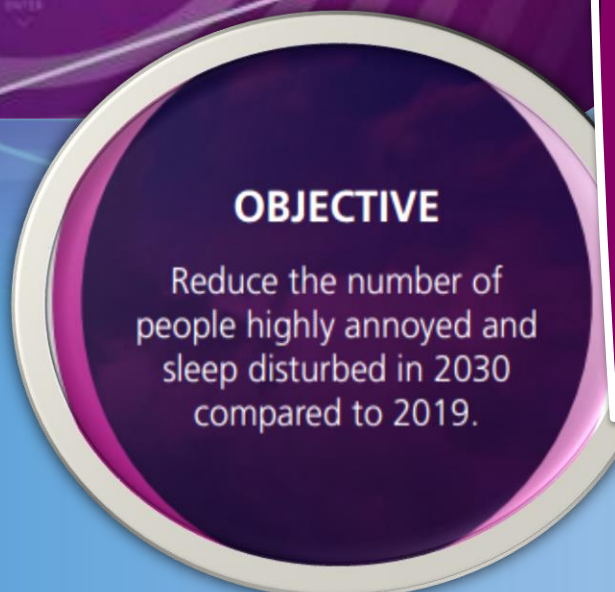
# NAP- WHERE WE ARE TODAY



# HEATHROW NAP CONSULTATION: RESPONSES & LOCATIONS



# HEATHROW NAP ALIGNMENT WITH HEATHROW 2.0.



- Reduce annoyance (Lden 55 dB) and sleep disturbance (Lnight 50 dB) by 10% compared to 2019 (2030)
- Introduce Easterly Alternation by 2028
- Implement a voluntary ban on flights between 00:00 and 04:30 from 2025 (except for dispensed operations)
- Incentivise the use of Chapter 14 aircraft to reduce Chapter 4 operations to below 2019 levels
- Ensure at least 150 nights without aircraft after 23:30 from 2025
- Achieve 80% take-up of eligible households in each area as the Residential Insulation Scheme (RIS) is rolled out, in line with the plan agreed with the Prioritisation Panel

# HEATHROW NAP 12 COMMITMENTS : KEY ACTIONS

- 1) Establish Fleet Forecasting Forum (FFF)
- 2) Incentivise adoption of quieter fleet

## QUIETER PLANES



- 3) Establish Technical Engagement Forum (TEF)
- 4) Easterly Alternation
- 5) Enhance collection and analysis of operational data

## QUIETER PROCEDURES



- 6) Share forecast contour outputs with LAs
- 7) Launch new Quieter Neighbourhood Support programme

## LAND USE PLANNING AND MITIGATION



- 8) Seek voluntary ban on non-dispersed operations 0000 - 0430

## OPERATING RESTRICTIONS



- 9) Develop Ground Noise Management Plan (GNMP)
- 10) Establish noise attitude research for Heathrow

## RESEARCH



- 11) Strengthen independent scrutiny of noise management through CISHA
- 12) Review our online information tools

## WORKING WITH COMMUNITIES



# HEATHROW NAP 12 KPI

Overall Outcome	KPI 1	<b>Reduce HA / HSD</b> - No. of people within 50 dB Lnight & 55 dB Lden (2019 vs 2030)
Delivery	KPI 2	The percentage of actions classified and verified by <b>independent audit</b> as on track
Quieter Planes	KPI 3	Reduce Chapter 3 and 4 <b>aircraft in fleet</b>
	KPI 4	Reduce <b>QC</b> of aircraft operating at night
	KPI 5	Increase percentage of A320's with <b>vortex deflector</b>
Quieter Procedures	KPI 6	Percentage of departures remaining within the <b>Noise Preferential Route</b> (NPR) below 4000ft
	KPI 7	The percentage of arriving aircraft following a <b>Continuous Descent Approach</b> (CDA) below 7000ft
	KPI 8	The percentage of arrivals landing out of <b>alternation</b> during westerly operations.
Land Use Planning	KPI 9	The annual percentage of residential take up of eligible properties within the active phase of the <b>Residential Insulation Scheme</b> (RIS).
	KPI 10	Percentage of <b>residents being satisfied</b> or highly satisfied following installation of acoustic treatment under the RIS.
	KPI 11	Percentage <b>change in new households</b> within the contour bands above 55 dB Lden and 50 dB Lnight
Operating Restrictions	KPI 12	Increase the number of <b>occasions without flights</b> in the period <b>23:30 to 04:30</b> and <b>23:45 to 04:30</b> compared with 2019.

# HEATHROW NAP: PROGRESS TO DATE

## Launch of Quieter Neighbourhood Support



The Residential Insulation Scheme (RIS)



The Home Relocation Assistance Scheme (HRAS)



The Quieter Schools Programme (QSP)



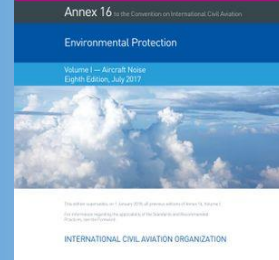
Vortex Impact and Prevention Scheme (VIPS)

## 2023 Contour Report

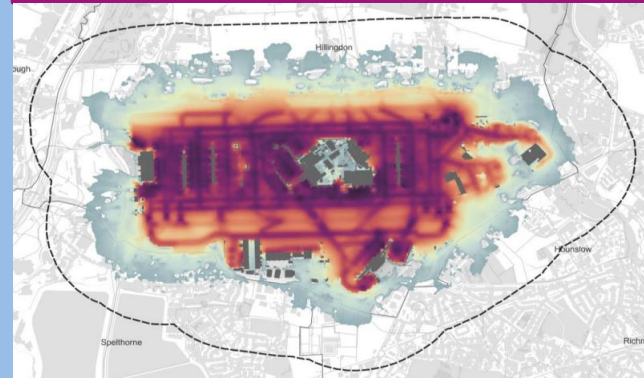
Heathrow Airport 2023 Summer and Noise Action Plan Contours  
ERC0 REPORT 2401



## Chapter 3 Voluntary Ban



## Developing Ground Noise Management Plan



## Landing Gear Deployment Surveys



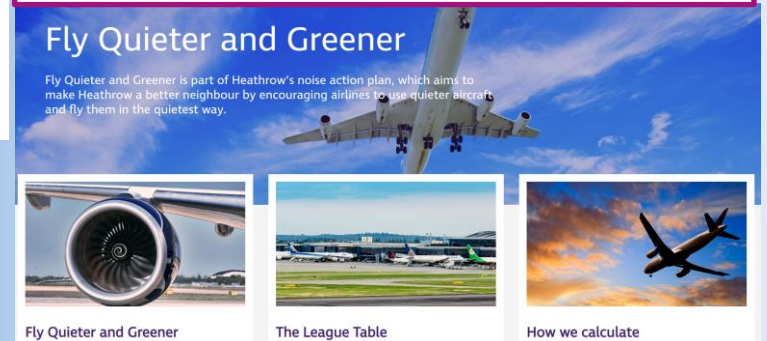
## Technical Engagement Forum



## Fly Quieter and Greener League Table

### Fly Quieter and Greener

Fly Quieter and Greener is part of Heathrow's noise action plan, which aims to make Heathrow a better neighbour by encouraging airlines to use quieter aircraft and fly them in the quietest way.

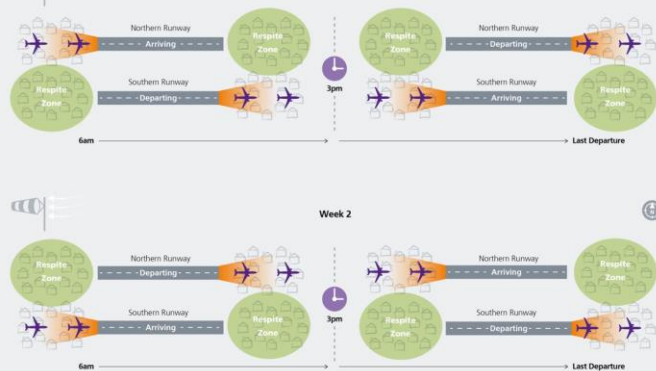


Fly Quieter and Greener

The League Table

How we calculate

## Easterly Alternation



# HEATHROW NAP WORK WITH NACF

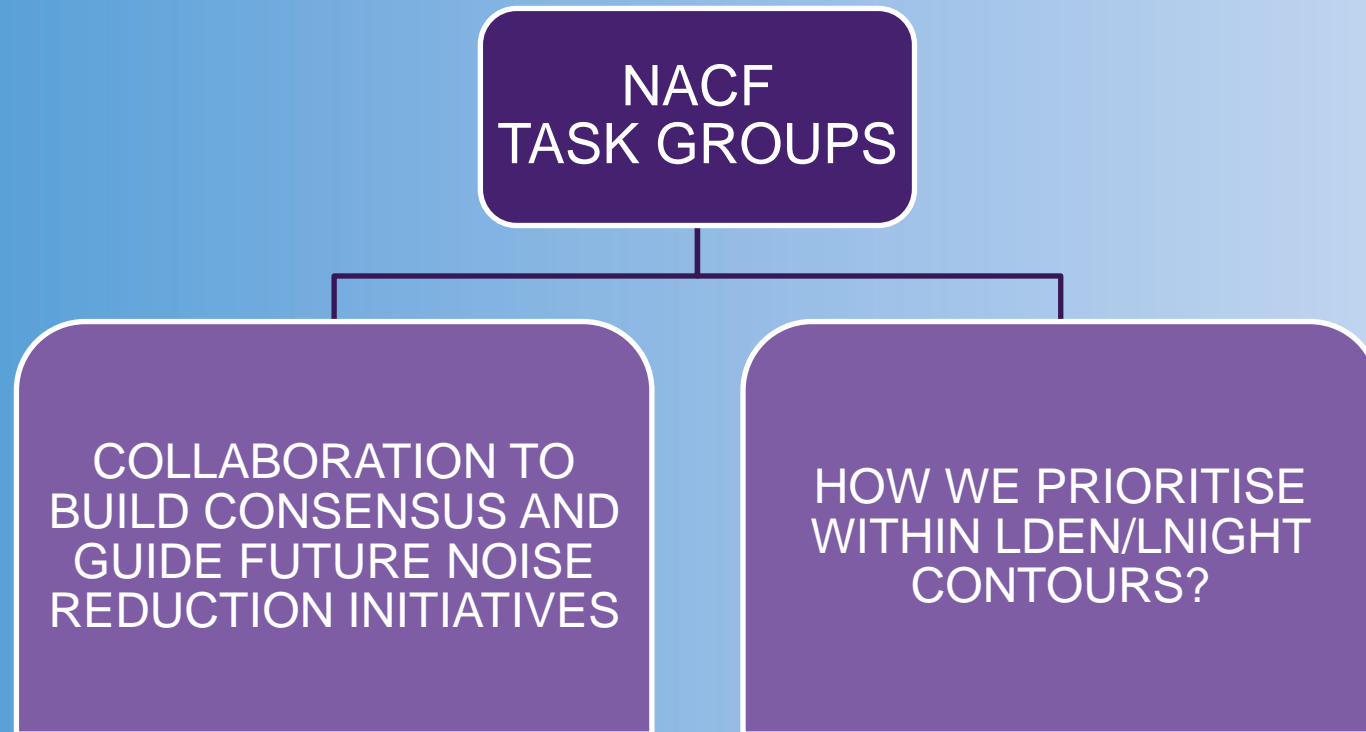
**ROLE OF NACF IN  
SUPPORTING THE  
NAP**

KEEPING NACF  
INFORMED AND  
OPTIMISE  
TRANSPARENCY

IDENTIFY AND SELECT  
KEY ENGAGEMENT  
POINTS (COMMON  
RESEARCH, INVITE ON  
ACTIONS)

## HEATHROW NAP WORK WITH NACF

**After the BREAK,** we would like to hear your views on:



BREAK

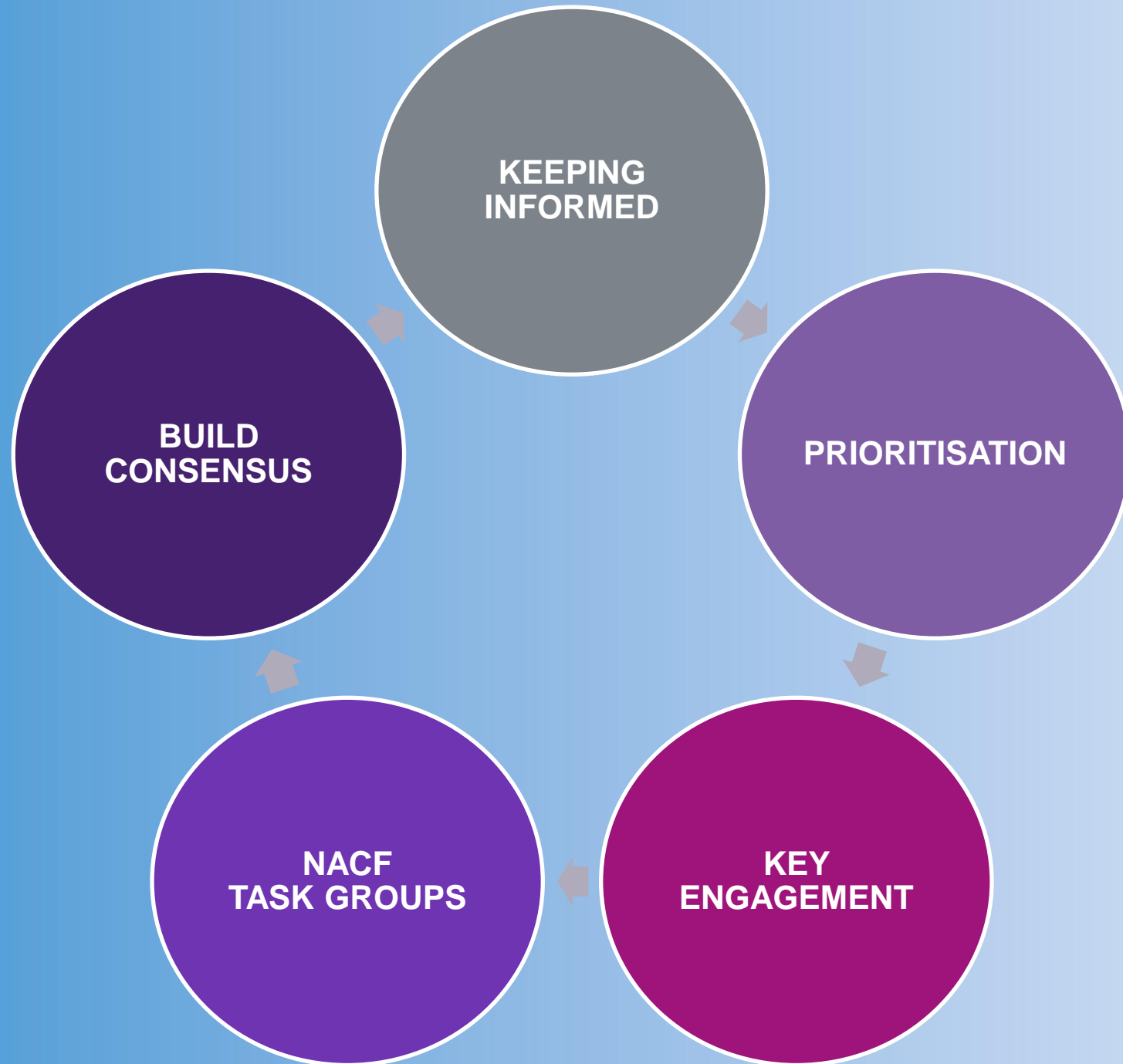
Heathrow



OUR JOURNEY TO

QUIETER

# YOUR VIEWS



**Heathrow**