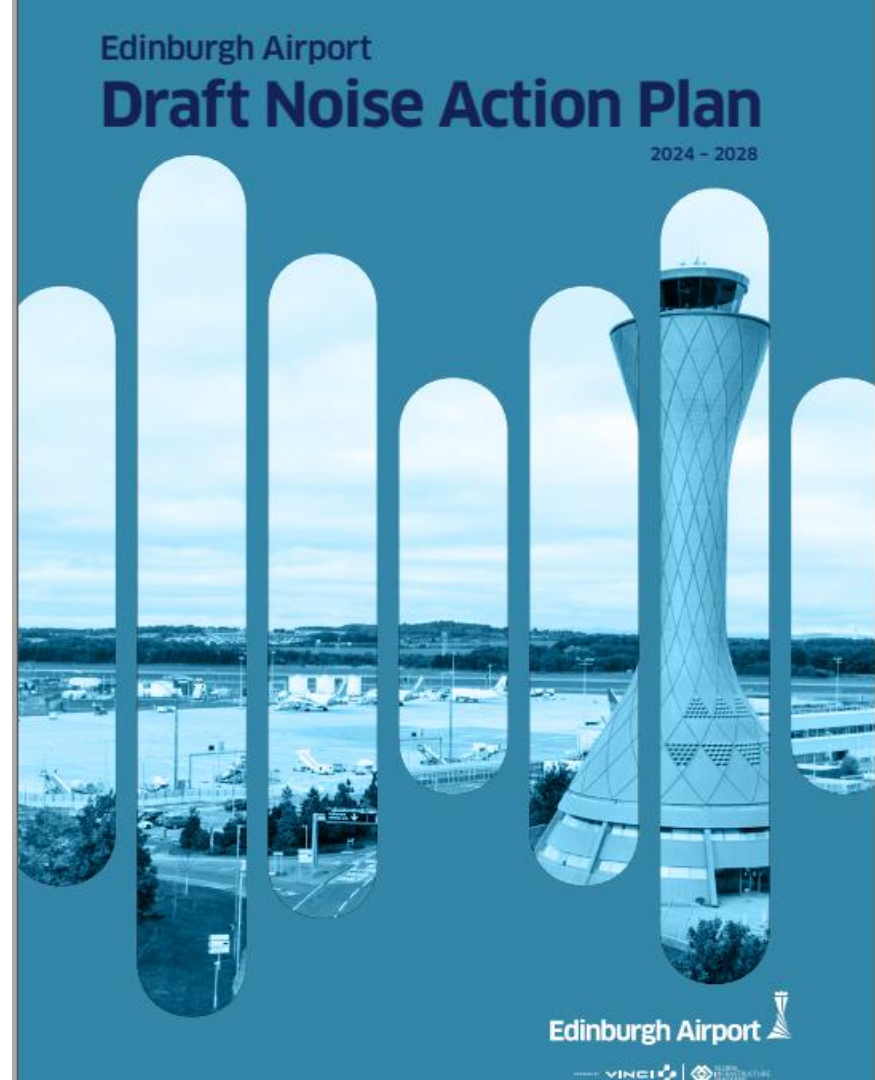


Edinburgh Airport draft Noise Action Plan 2024 - 2028

Draft NAP consultation

- Consultation will run 11 November 2024 to 31st January 2025
- Consultation website
<https://corporate.edinburghairport.com/community/noise-action-plan>
- The consultation will run for 12 weeks, and once engagement with stakeholders and communities is complete the final NAP 2024-2028 will be published on Edinburgh Airports Noise Lab,
<https://noiselab.casper.aero/edi/content/2/noise-action-plan/> the Noise Action Plan will operate from 2025 -2028
- Like many Airports across the UK we are currently undergoing an Airspace Change Proposal (ACP) under separate legislation and policies, this is regulated by the CAA, consultation responses related to ACP will not be considered within this consultation. There will be a separate consultation on ACP which we encourage you to respond to.



What is a Noise Action Plan?



Noise Action Plans or NAPs are a requirement of the Environmental Noise (Scotland) Regulations 2006 (as amended)



Noise Action Plans are produced and operate on 5 yearly cycles, each cycle is called a 'Round' we are currently consulting on 'Round 4'



Noise Action Plans present noise mapping called contour mapping which details the levels of noise experienced in close proximity to the airport, NAPs set out the airports approach to where possible and practicable noise will be managed reduced or mitigated over the term of the NAP.

Key Themes of draft NAP 2024 - 2028

The Environmental Noise (Scotland) Regulations 2006 require airports with over 50,000 movements a year to produce a noise action plan.

The Scottish Government's Environmental Assessment (Scotland) Act 2005 requires airports to produce a Noise Action Plan every five years.

Due to delays in the production of Strategic mapping this round of NAP (Round 4) will cover the period 2024 – 2028, this will allow Scotland's strategic mapping rounds going forward to align with those of the rest of the UK

- Continue our commitment to managing the impacts associated with Edinburgh Airports operations including
 - i. The quietest fleet practicable
 - ii. The quietest practicable aircraft operations
 - iii. Effective and credible noise mitigation schemes
- Influence Planning Policy to minimise the number of noise sensitive developments around the airport
- Effectively manage aircraft noise
 - Build on our extensive understanding of Aircraft noise to further inform our priorities, strategies and targets
- Introduction of an improved noise insulation scheme and publicly searchable data base of addresses introducing a 250,000 annual budget and inclusion of a further 750 (day, 947 total), 951 (Night) Properties to the scheme. Introduction of separate consideration for Night Noise with separate eligibility and contour mapping

Five principle elements of our Balanced Approach to aircraft noise management

1. Reduction of noise at source –
2. Land-use, planning and management -
Engaging and cultivating partnership with
Local Authorities, Insulation Scheme
3. Noise abatement procedures
4. Operating restrictions
5. Working with our Communities

five principal elements of the Balanced Approach to Aircraft Noise Management



Existing Noise Management

Section 3 provides an overview of current noise management and new measures introduced after publication of NAP 2018 – 2023 IN 2019. Providing detail and analysis of our performance on CDA/CCO, complaints monitoring and trends, Environmental charging and the introduction of newer quieter and cleaner aircraft to Edinburgh Airport amongst other measures.



Background to aircraft noise and regulation

Section 4 of the draft NAP provides an overview of noise regulation, the sources of aircraft noise and the metrics used in the contour mapping produced for noise action plans.

- International Regulations and controls
- European regulation
- UK Regulation
- Scottish regulations
- Local Authority regulations
- CAA Regulations

Details and links to the documents and regulations can be found in the electronic version of the draft NAP.



Description of the airport location, land use and airspace use.

Section 5 provides information on the current and future land use around Edinburgh Airport gives an overview of some of the great work that is ongoing at the airport

- Infrastructure development – Expansion of the current terminal
- District Heating Network, heat pump technology
- Runway Rehabilitation
- Flight and Passenger Profiles
- Cargo & Distribution
- Overflights per hour
- Runway and SID split, movements per hour
- Surface Access Strategy
- Sustainability Greater Good policies
- Airspace Change Project



Description of the airport Location and Airspace

Results of Strategic mapping

- What is strategic mapping
- How it is produced
- Datasets used and Methodology
- Contour mapping LAeq, Lden, Lnight
- 2021, and detail on why we also commissioned 2019 modelling and why comparison can't be made directly to 2018 modelling
- Why we commissioned 2023 LAeq summertime modelling for comparison
- Result tables for 2019 and 2021 detailing population and number of dwellings for each metric

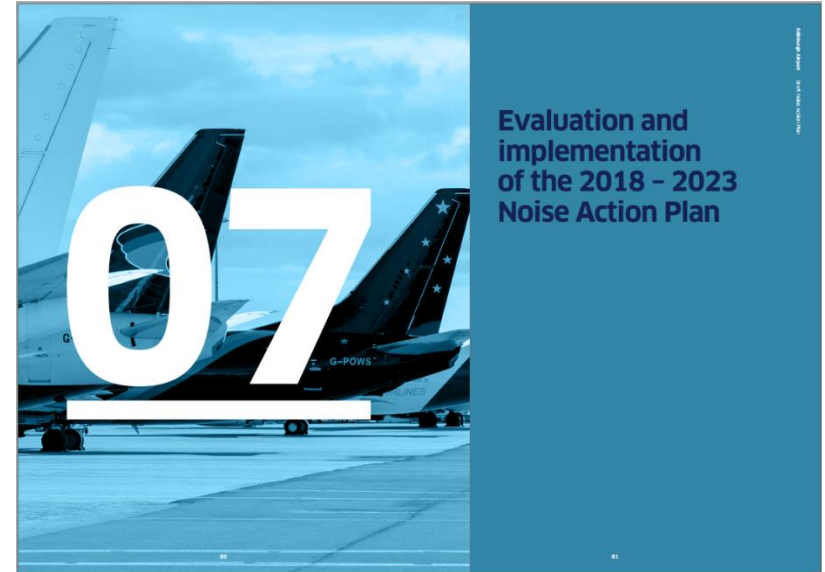
The different types of contour mapping produced are detailed within the document to assist you with understanding where each type of mapping is used.



Evaluation of 2018 – 2024 NAP

This section analyses the performance of the previous NAP 2018 – 2024 and provides detail on the following

- Performance indicators for the Action Plan – comparing population and area within contours from 2016 – 2023 and level of noise complaints
- Action Plan tables detailing whether the action was completed or ongoing, where information on the action updates can be found or if complete and where data on the outcome can be viewed or downloaded



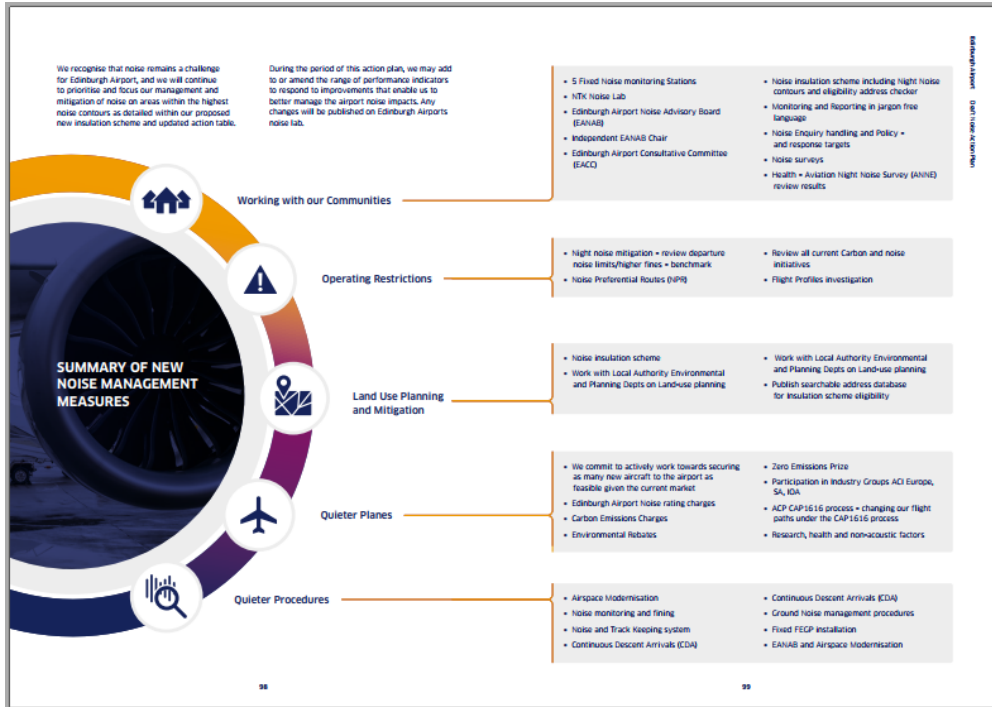
Excerpt from 2018 action table

The action tables for 2018 – 2023 NAP provide updates for each action and where information on each action may be found if relevant.

Additional analysis and evaluation of previous measures introduced within this action plan, and those introduced after its publication in 2019 can be found in in sections 03 and 06.

Action	Impact	Timescale	Performance indicator	Approx. people affected	Action update
<p>We will review Noise Complaints Policy to ensure it is relevant to our complainants. We will continue to publish this policy on our Noise Lab and reference this in our Community Newsletter to ensure that those who want to complain know the process</p> <p>We will also log all complaints relating to aircraft operations and publish the statistics quarterly</p>	Community trust and awareness	Annually Quarterly	Number of callers, events, month, area	N/A	Complaints policy reviewed Aug 2019, March 2020 and December 2021 and available via Noise Lab, Annual complaints analysis pages added to Noise Lab 2022 and 2023 Ongoing
<p>We will seek to acknowledge 100% of all complaints and enquiries within two working days and respond within five working days. Performance against this will be published at the Airport Consultative Committee</p>	Community trust and awareness	Quarterly	Response rate tracker	N/A	Performance indicators are reported Quarterly to both EACC and EANAB Reports available online Ongoing
<p>We will publish a summary of consultation responses within six months of the close of this consultation</p>	Community trust and awareness	2018 - 2023	Publication of feedback report	N/A	Summary of responses and actions report published on Noise Lab
<p>We will publish our progress against the action plan on an annual basis</p>	Community trust and awareness	Annually	Publish in CSR and report to EANAB	N/A	Published in CSR and reported to EANAB, and on Noise Lab Ongoing

Proposed new noise management actions



Proposed new insulation scheme

- Action 1.15, 3.3,
- Extend eligibility out to the Daytime 60 – 62 dBA contours and Nighttime 57+ dBA contours (SOAEL) – Current scheme is and solely based on daytime 63dB + contours

Bringing properties within areas of Cramond into the scheme for the first time

- Bi – Annual production of summer day and night contours
- Dedicated budget of £250,000 per year
- No cap on Edinburgh Airport contribution (within reason)
- Maintain full contribution towards loft Insulation
- The insulation scheme will be benchmarked against airports of a similar size biannually.
- Next iteration of Contour mapping will be commissioned on Summer 2025 operations

Action Ref 1.15 Noise insulation scheme including Night Noise contours and eligibility address checker

Implementation on finalisation of NAP 2024 - 2028

Impact	Timeline	Performance Indicator	Communities affected
Arrivals, departures noise, community engagement	Q3 2024/Q1 2025	Policy publication on EDI Noise Lab	Communities within 57+ dB Laeq

Action Ref 3.3 Publish searchable address database for Insulation scheme eligibility

Implementation of new scheme on finalisation of NAP 2024 - 2028

Impact	Timeline	Performance Indicator	Communities affected
Arrivals, departures noise, community engagement	Q1 2025	Publication on EDI Noise Lab	Communities within 57+ dB Laeq

FEGP, ANNE Survey & Fixed noise monitoring stations

- Ground noise – Installation of Fixed Electrical Ground Power to reduce noise from Aircraft on stand using aircraft engines. Reduction of noise for communities in very close proximity to the airfield stands
- ANNE Survey - The Aviation Noise Attitudes Survey 2023-24, often referred to as ANAS, is a large-scale social research study examining the relationship between long-term exposure to aviation noise and annoyance in the UK. Edinburgh Airport is one of the airports which is included in the survey <https://www.caa.co.uk/passengers-and-public/environment/noise/aviation-noise-attitudes-survey/>
- 1 further fixed noise monitor installation in the Cramond area under the R06 offset departure path.

Action Ref 2.7 Fixed FEGP installation

Upon completion of the third phase (2024) 34 parking positions at the Airport will be equipped with Fixed Electrical Ground Power (FEGP)

Impact	Timeline	Performance Indicator	Communities affected
Ground Noise	2024 - 2028	Updates published in the Greater Good Strategy	Communities within 57+ dB Laeq

Action Ref 1.18 Health - Aviation Night Noise Survey (ANNE) review results

Following the anticipated release of the Aviation Night Noise Survey (ANNE) by the end of 2026, we will assess its findings and consider implementing additional noise mitigation measures where necessary based on the identified needs

Impact	Timeline	Performance Indicator	Communities affected
Arrivals, departures noise, community engagement	2027	Updates will be published in EANAB Quarterly reports	Communities within 51+ dB Lden

Working with our Communities

Action Ref 1.11 5 Fixed Noise monitoring Stations

Current 5x fixed NMT's, Installation of 1 further fixed NMT's, (agreed within the airports 5-year plan) + further installations post ACP changes to flight paths - including x1 on five coast under Runway 06 departure route

Impact	Timeline	Performance Indicator	Communities affected
Arrivals, departures noise, community engagement	2025	Installation by end 2025	Communities within 51+ dB Lden

Quieter Aircraft & Landuse Planning

- Changes to actions 4.2 will be analysed and recorded on the Noise lab when changes to the incentives towards securing new aircraft are made.
- Analysis of changes to noise contours will be carried out biannually on production of contour mapping to determine if improvements are being achieved, we will benchmark against 2019.
- We will actively engage with Environmental Health Officers (EHOs) on planning applications which may encroach into noise contour areas and ensure consideration is given to aircraft noise.
- We will provide contour mapping to EHOs to enhance their understanding of areas which may be impacted by noise from our operations.

Quieter Planes

Action Ref 4.2 We commit to actively work towards securing as many new aircraft to the airport as feasible given the current market.

Report annually on the progress we have made - actions 4.2a - d

Impact	Timeline	Performance Indicator	Communities affected
Arrivals, departures noise, community engagement	2024 - 2028	Publication within Conditions Of Use and on EDI website Changes in initiatives will be recorded and published on Noise Lab Environmental noise charges page	Communities within and above 51+ dB Lden

Action Ref 4.2a Edinburgh Airport Noise rating charges

Night Noise, we will maintain our increased landing/take-off fees for the night time period, this fee is based on aircraft noise classification. Reviewed annually as part of the airport charges consultation process

Impact	Timeline	Performance Indicator	Communities affected
Arrivals, departures noise, community engagement	2024 - 2028	Publication within Conditions Of Use and on EDI website Changes in initiatives will be recorded and published on Noise Lab Environmental noise charges page	Communities within and above 51+ dB Lden

Action Ref 4.2b Carbon Emissions Charges

Reviewed annually as part of the airport charges consultation process

Impact	Timeline	Performance Indicator	Communities affected
Arrivals, departures noise, community engagement	2024 - 2028	Publication within Conditions Of Use and on EDI website Changes in initiatives will be recorded and published on Noise Lab Environmental noise charges page	Communities within and above 51+ dB Lden

Action Ref 3.2a Work with Local Authority Environmental and Planning Depts on Land-use planning

Provide updated contour mapping and associated data biannually, review planning applications and comment where appropriate

Impact	Timeline	Performance Indicator	Communities affected
Arrivals, departures noise, community engagement	2024 - 2028/Bi-annual	Review Applications on receipt and within consultation window	Communities within 57+ dB Laeq

Landuse Planning

We will review planning applications which may encroach on areas within our noise contour areas and provide comment to ensure aircraft noise is considered during the planning process. Reducing the number of newly affected properties.

Action Ref 3.2a Work with Local Authority Environmental and Planning Depts on Land-use planning

Provide updated contour mapping and associated data biannually, review planning applications and comment where appropriate

Impact	Timeline	Performance Indicator	Communities affected
Arrivals, departures noise, community engagement	2024 - 2028/Bi-annual	Review Applications on receipt and within consultation window	Communities within 57+ dB Laeq

Section 09 – Full action plan list

Section 9 of the draft NAP provides a full list of the proposed actions, which includes actions continued from the previous NAP and all newly proposed actions. We would highly recommend you read through the list before responding to the consultation.



Section 11 further information and 12 Appendices

Sections 11 provides further information with links to sites that can provide further indepth information and data on the information provided within the draft NAP

Section 12 appendices details further information on how contour mapping was generated, extensive contour mapping results provided by ERCD and the Scottish Governments noise mapping consultants data tables with further information on how this mapping and data is generated.

Within Appendix B of section 12 we have also provided further contour mapping produced by ERCD - 100% Mode (day & night), Nx Contours (day & night)

Appendix C provides information on our current Insulation Scheme.

Questions ?

