

OUR RELATIVE EMISSIONS

Global aviation emissions are 2% of all GHG emissions, with business aviation accounting for 0.04%.

In the UK and as an island nation, the aviation industry accounts for circa 7% of all GHG emissions, with the business aviation sector being a fraction of that.

Farnborough Airport has environmental restrictions on the size of aircraft that are allowed to operate at the Airport, as well as the nature of its flights. For example, the Airport is not allowed to handle scheduled passenger services, inclusive tour flights, or bulk freight operations.

This is the reason why our flights are predominantly business aviation flights.

These flights have significantly fewer passenger seats than commercial airliners, and so whilst their absolute emissions are considerably lower than those generated by commercial passenger flights, their emissions per passenger are naturally higher.

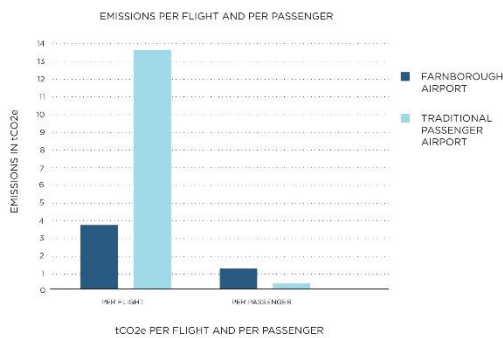
Conversely, the relatively low number of passengers per flight means that the emissions generated from surface access travel (passenger and staff travel to and from the Airport) is also beneficially lower.

Surface access emissions for many airports are a challenge, often accounting for circa 20% of total emissions. At Farnborough Airport, it is approximately 1%.

These are some of the distinguishing features of Farnborough Airport's carbon footprint compared to that of a traditional passenger airport.

| | Farnborough Airport | Traditional passenger airport* |
|------------------------------------|---------------------|--------------------------------|
| Key data | | |
| Flights (ATMs) | 31,560 | 31,560 |
| Passengers | 94,500 | 3,787,200 |
| Average aircraft weight (tonnes) | 20 | 100 |
| Passengers per flight | 3 | 120 |
| tCO2e by activity: | | |
| | Scopes | |
| Airport operations | 1 & 2 | 3,010 |
| Passenger, staff travel & other | 3 | 1,190 |
| Aircraft - Landing & take-off | 3 | 9,260 |
| Aircraft - Cruise, climb & descent | 3 | 105,670 |
| Total tCO2e | 1, 2 & 3 | 119,130 |
| tCO2e/Flight | 3.8 | 13.6 |
| tCO2e/Passenger | 1.26 | 0.11 |

*Traditional passenger airport - taken from a typical regional airport whose data is publicly available and modelled for same number of flights. All data relates to 2019. Data has been adjusted to enable a like-for-like comparison.



HOW CAN EMISSIONS BE REDUCED?

Increasing emissions are a function of increased demand for flying and we recognise the importance of managing emissions as we grow. Going forward, reductions in emissions are likely to be achieved from:

- Improved airspace and aircraft operations
- Aircraft technology improvements
- Adoption of Sustainable Aviation Fuels

Farnborough Airport is actively working on a number of initiatives including encouraging the use of Sustainable Aviation Fuels and investing in infrastructure projects which increase the efficiency of aircraft movements on the ground.

Further, it is expected that the smaller and more modern aircraft that use the Airport will be at the leading edge of advancements in aircraft and fuel technology, acting as a catalyst for change across the wider aviation industry.

In terms of Farnborough Airport's own Scope 1 & 2 emissions, a number of initiatives have been undertaken on our journey to become a Global Showcase for Airport Sustainability, including:

- Purchasing of REGO backed electricity (Renewable Energy Guarantees of Origin) since 2018
- Electrification of our operational fleet and an EV leasing scheme made available to our employees
- Use of HVO (Hydrotreated Vegetable Oil) where electrification is not possible
- Transition to Electrical Ground Power Units (eGPU) for aircraft, replacing diesel equivalents
- Commitment to a major on-site solar project to meet circa 25% of the Airport's electricity consumption

OUR NOISE LEVELS

Under our proposals, we would remain within our noise budget as prescribed by the 2019 Rushmoor Local Plan.

Further, there are no residential dwellings expected to fall within the predicted area of 'significant observed adverse effect' as a result of our proposals.

We work closely with our stakeholders to monitor and limit the noise impact of the Airport.

As part of our collective efforts, the Airport has a 'noise budget' which is referenced in the 2019 Local Plan. We use this noise budget to assess the impact of our proposals on our local communities.

The noise budget defines a square kilometre area beyond which long-term aircraft noise from Farnborough Airport must not exceed 55 decibels (dB). Aircraft noise is measured in decibels as average noise levels across the 'day', which in terms of measuring noise levels covers the period of 7am-11pm. Typically, areas which experience long-term noise levels of 63 dB and above are considered to have a significant adverse effect on people.

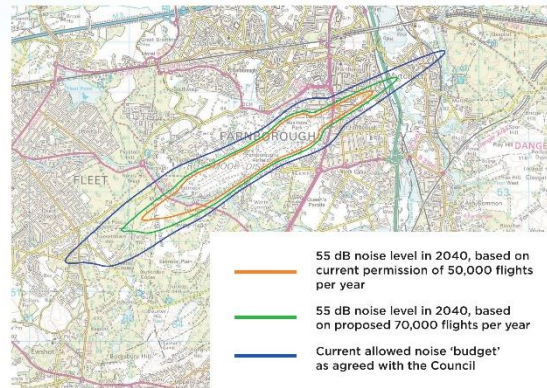
The current noise budget for the Airport is an area of 6.58sqkm around the Airport and can be any shape. The top map shows the shape based on our flightpaths and the representative noise impacts based on previous aircraft activity.

We currently operate significantly within our noise budget, and our studies have shown that this would still be the case with our proposals to handle 70,000 flights per year.

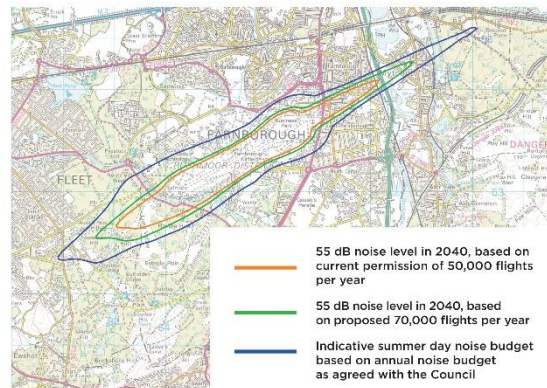
Noise levels can be impacted by many factors including flightpaths, weather conditions, and aircraft types. As our proposals impact non-weekdays and weekdays differently, and because the summer period is generally a busier time of the year for flights, we have also considered the impact of our proposals on the average summer day and the average summer weekend day.

Indicative noise budgets for these periods have been produced based upon our average annual day noise budget. This assessment shows that all future noise levels remain within our permitted and indicative noise budgets. Further, noise levels on non-weekdays are expected to remain lower than the noise levels over the rest of the week.

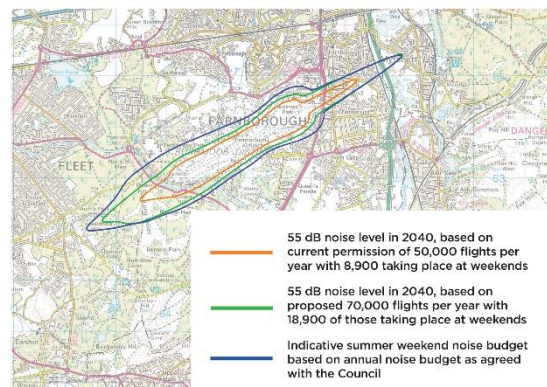
Noise levels for the annual day in 2040



Noise levels for the summer day in 2040



Noise levels for the summer weekend in 2040



ONE AIRPORT.
ONE TOWN.
OUR FUTURE.

WITH OUR PROPOSALS, WE AIM TO:



Safeguard the Airport's market-leading position

By ensuring the Airport can serve the market demand for flights from Farnborough



Protect the local area's aviation legacy

By providing certainty over the long-term future of the Airport



Provide employment and training opportunities within the community

By generating local employment and enhancing community funding



Continue to be a leader in airport sustainability

By investing in long-term projects that deliver innovation within the sector



Contribute to the region's economic potential

By increasing employment and GVA which otherwise would not exist



Facilitate the UK's growth ambitions

By providing essential connectivity to UK trade and enterprise



NEXT STEPS

If you have any questions or comments, please contact us using the details below.

You can also get in touch if you do not have access to the internet and require hard copy materials.

Please take a moment to share your views with us online or by completing a feedback form at one of our events.

AUTUMN 2023:

Share your views with us via our website or by attending one of our drop-in events to talk to our team and complete a feedback form.

Submit your feedback by 18th October 2023.

NOVEMBER 2023:

Once we have consulted with the community and considered your feedback, our plans will be reviewed and finalised.

We will then submit a planning application to Rushmoor Borough Council.

EARLY 2024:

Rushmoor Borough Council will then consider the merits of the application at a Development Management Committee.



Scan the QR code to share your views or register for updates on our consultation

FARNBOROUGHAIRPORT2040.COM
CONTACT@FARNBOROUGHAIRPORT2040.COM
0808 164 6061

Appendix E – Feedback form



**FARNBOROUGH
AIRPORT 2040
CONSULTATION
FEEDBACK
FORM**



About the consultation

We want to hear your views on our proposed changes to the way Farnborough Airport operates. We are committed to consulting with you to inform and shape our planning application.

Please return your completed feedback form no later than **Wednesday 18th October**.

For more information, please contact us via:

- Phone: 0808 164 6061
- Email: contact@FarnboroughAirport2040.com

Privacy Statement

By filling in this form, you are agreeing that Cavendish Consulting (“Cavendish”) can hold and process your personal data in relation to this public consultation exercise.

Cavendish will only share your personal data with the project team for planning evaluation purposes.

Your identifiable, personal data will not be used for any other purposes without your consent.

Cavendish and the project team will use your data to:

- Send you updates about the project (where you provide us with your contact details).
- Develop a Statement of Community Consultation (or similar document) about this public consultation that will be submitted to the planning authority or similar body; this will be a publicly available document. Your comments will be anonymous, and we will only identify you in these reports with your express permission.

We may use the details you provide in this form to contact you and update you on the proposals. If you would rather we did not contact you, please tick this box.

Data Protection

We hold all personal data in accordance with the General Data Protection Regulation (GDPR) (EU) 2016/679 and your personal data will not be transferred outside of the European Economic Area. You can see our full Privacy Statement, Data Protection Policy, Data Retention Policy and find out how to make a Subject Access Request at the following website address cavendishconsulting.com/dp or by contacting us on **01962 893 893** dataprotection@cavendishconsulting.com.

YOUR DETAILS:

PLEASE COMPLETE IN BLOCK CAPITALS

TITLE

NAME

ADDRESS

POSTCODE

EMAIL

PHONE

AGE GROUP

PLEASE CIRCLE

| | | | |
|----------|-------|-------|-------|
| Under 13 | 13-17 | 18-24 | 25-34 |
| 35-44 | 45-54 | 55-64 | 65-74 |
| 75-84 | 85+ | | |

OUR ROLE:

Q1. Farnborough Airport has a role to play in the economic success of the local area.

- | | | |
|---|--|-------------------------------------|
| <input type="checkbox"/> Strongly agree | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral |
| <input type="checkbox"/> Disagree | <input type="checkbox"/> Strongly disagree | <input type="checkbox"/> Don't know |

Additional comments:

Q2. It is important that Farnborough Airport is able to plan for its long-term future and support the forecast market demand.

- | | | |
|---|--|-------------------------------------|
| <input type="checkbox"/> Strongly agree | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral |
| <input type="checkbox"/> Disagree | <input type="checkbox"/> Strongly disagree | <input type="checkbox"/> Don't know |

Additional comments:

OUR PROPOSAL:

Q3. We are proposing a number of changes to the way we operate, and would welcome your views on each of these.

a. To support the forecast market demand for flights, we want to increase our flight limit to 70,000 flights per year by 2040. What do you think about this?

| | | |
|---|--|-------------------------------------|
| <input type="checkbox"/> Strongly agree | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral |
| <input type="checkbox"/> Disagree | <input type="checkbox"/> Strongly disagree | <input type="checkbox"/> Don't know |

b. We are proposing to amend our non-weekday flight limit to meet market demand. Do you support this proposed change?

| | | |
|---|--|-------------------------------------|
| <input type="checkbox"/> Strongly agree | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral |
| <input type="checkbox"/> Disagree | <input type="checkbox"/> Strongly disagree | <input type="checkbox"/> Don't know |

c. What do you think about our plans to adjust the operating times on non-weekdays from 8am-8pm to 7am-9pm?

| | | |
|---|--|-------------------------------------|
| <input type="checkbox"/> Strongly agree | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral |
| <input type="checkbox"/> Disagree | <input type="checkbox"/> Strongly disagree | <input type="checkbox"/> Don't know |

d. We are proposing to amend the restricted aircraft weight category to help us accommodate the slightly heavier new generation business aviation aircraft. Do you support this change?

| | | |
|---|--|-------------------------------------|
| <input type="checkbox"/> Strongly agree | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral |
| <input type="checkbox"/> Disagree | <input type="checkbox"/> Strongly disagree | <input type="checkbox"/> Don't know |

Additional comments:

COMMUNITY FUNDING:

Q4. We understand that there needs to be a balance between the economic benefits we can provide and our environmental impact.

We are therefore proposing a number of changes to our community funding programmes which we would like your views on.

- a. We are proposing to enhance our Sound Insulation Grant Scheme. Do you support this?

| | | |
|---|--|-------------------------------------|
| <input type="checkbox"/> Strongly agree | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral |
| <input type="checkbox"/> Disagree | <input type="checkbox"/> Strongly disagree | <input type="checkbox"/> Don't know |

- b. We are proposing to increase our contributions to our community funding programme. Do you support this?

| | | |
|---|--|-------------------------------------|
| <input type="checkbox"/> Strongly agree | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral |
| <input type="checkbox"/> Disagree | <input type="checkbox"/> Strongly disagree | <input type="checkbox"/> Don't know |

- c. We are proposing to create a new Sustainability Fund to help fund local sustainability projects. Do you support this?

| | | |
|---|--|-------------------------------------|
| <input type="checkbox"/> Strongly agree | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral |
| <input type="checkbox"/> Disagree | <input type="checkbox"/> Strongly disagree | <input type="checkbox"/> Don't know |

- d. If we were to introduce a Sustainability Fund, what would you like to see it used for? Please tick all that apply.

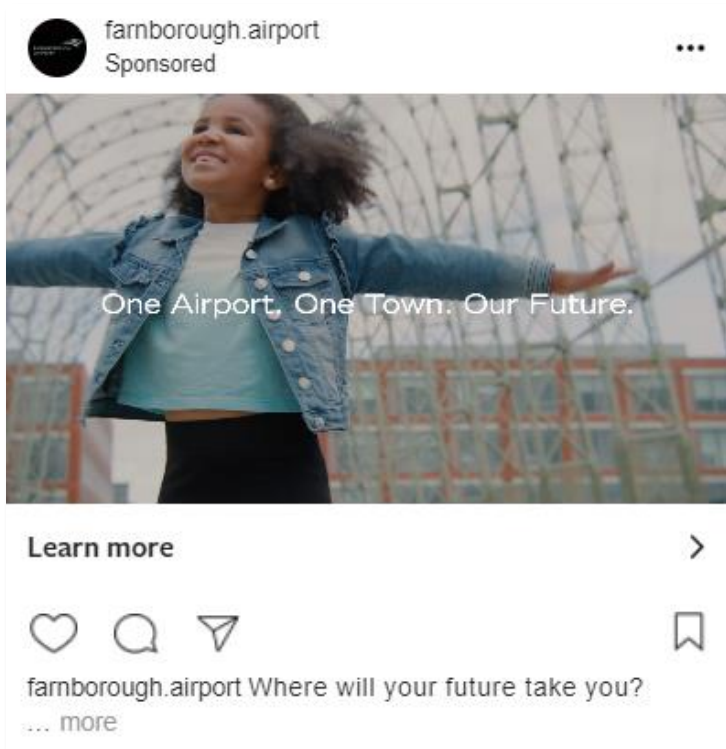
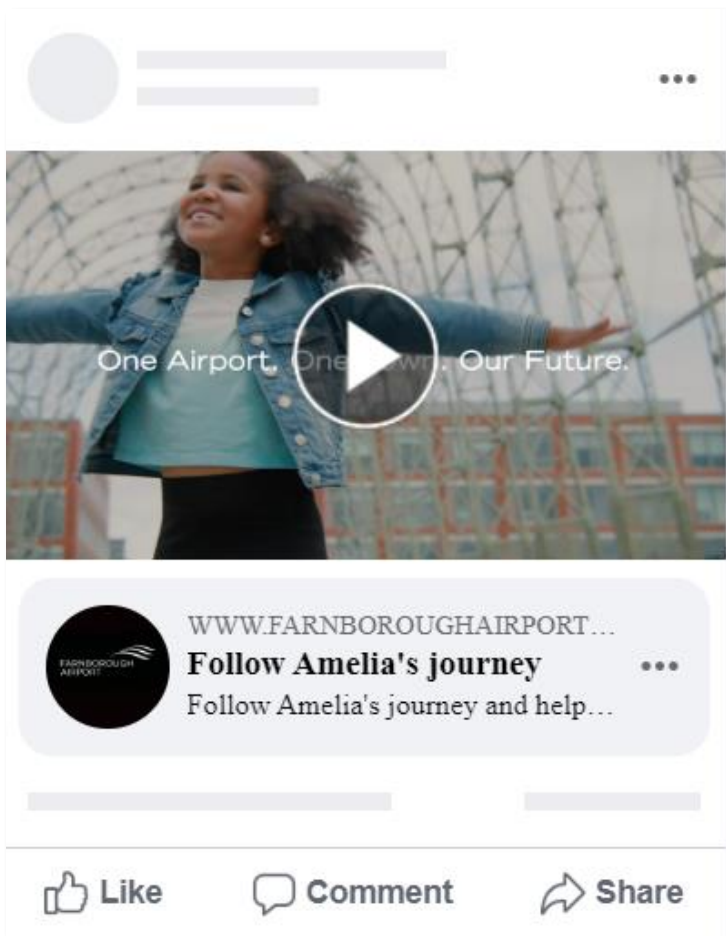
| | | |
|--|--|---|
| <input type="checkbox"/> Local environmental initiatives | <input type="checkbox"/> Local community initiatives | <input type="checkbox"/> Biodiversity initiatives |
| <input type="checkbox"/> Carbon reduction initiatives | <input type="checkbox"/> Other [please add below] | |

Additional comments:

Q5. Is there anything else you would like to share with us about our proposed changes to the way we operate?

Thank you for taking the time to share your views with us. Please return this form to a member of the project team, or post it back to us using a Freepost envelope.

Appendix F – Social media posts



Appendix G – Press adverts



THE SUCCESS OF FARNBOROUGH AND ITS AIRPORT GO HAND IN HAND.
SHARE YOUR VIEWS ON OUR LONG-TERM FUTURE.

Farnborough Airport invites you to take part in our consultation about proposed changes to the way we operate. These changes are necessary for Farnborough Airport to continue to meet its share of future market demand, which will be important if the Airport is to sustain its economic role. As part of this consultation, we are also seeking feedback on proposed enhancements to our community funding programme.

The local area and the Airport are intrinsically linked. The airfield at Farnborough has been in existence since 1904 and generations of local families have strong historic connections with the Airport. Today, the Airport continues to generate both significant employment and investment, helping make the local area one of the fastest-growing economic regions in the UK according to data from the Office for National Statistics.

We now need to plan for our long-term future and it is important that any potential changes to the way we operate are discussed with our local community. This is why we are launching this consultation process.

We are seeking your views on our proposals to submit a planning application to amend the Airport's:

- Existing annual flight limit from **50,000 to 70,000** flights per year to meet the market demand for flights by 2040.
- Existing annual non-weekday (i.e. weekends and public holidays) flight limit from **8,900 to 18,900** flights per year, maintaining the same percentage of non-weekday flights as exists today.
- Operating hours on non-weekdays from **8am-8pm to 7am-9pm** to reduce congestion at either end of the day.
- Restricted aircraft weight category from **50-80 tonnes to 55-80 tonnes**, and increase the related amount of annual flights allowed within this category, to accommodate modern aircraft which are slightly heavier.

Note that each 'flight' is either a landing or a departure.

The proposed increases in flying activity at Farnborough Airport are not expected to be achieved until 2040, but it is essential we consult on the changes now so that we can start to plan and invest for the long term.

We also understand that we need to find a balance between safeguarding and increasing the economic benefit of the Airport versus its environmental impact. As a result, we are also seeking your feedback on:

- Our new **Sustainability Fund**
- Enhancements to our **Sound Insulation Grant Scheme**
- Enhancements to our **Community Environmental Fund**

OUR PROPOSAL WILL:

-  **Enable long-term investment** to deliver continued economic growth to the communities we serve
-  **Support 4,100 jobs** in the local area (either directly or indirectly)
-  **Strengthen the attractiveness** and economic position of the local area to trade and commerce
-  **Generate £470m of GVA*** for the local economy each year
-  **Support our continued journey to achieving Net Zero by 2030** for controllable emissions
-  **Create a potential new Sustainability Fund** which we want your help to shape
-  **Safeguard the future role** of the Airport
-  **Enhance our existing Sound Insulation Grant Scheme**
-  **Enhance our existing Community Environmental Fund**

*GVA stands for Gross Value Added, and refers to the value of goods and services produced in an area or industry.

JOIN US AT ONE OF OUR DROP-IN CONSULTATION EVENTS:

- | | |
|---|---|
| Farnborough College of Technology, Boundary Road, Farnborough GU14 6SB Wednesday 20th September 5:30-8:30pm | The Harlington, 236 Fleet Road, Fleet GU51 4BY Tuesday 26th September 4-8pm |
| Farnham Maltings, Bridge Square, Farnham GU9 7QR Thursday 21st September 4-8pm | Lakeside International Hotel, Wharf Road, Frimley Green GU16 6JR Thursday 28th September 4-8pm |
| West End Centre, 48 Queens Road, Aldershot GU11 3JD Saturday 23rd September 10:30am-1:30pm | Farnborough College of Technology, Boundary Road, Farnborough GU14 6SB Saturday 30th September 10am-3pm |

All of our exhibition materials will be available on our website (details below) from **Wednesday 20th September**, along with an online feedback form.

ONE AIRPORT. ONE TOWN. OUR FUTURE.

We look forward to welcoming you to our upcoming consultation events on these plans and hearing your views. Alternatively, you can visit our website or get in touch using our contact details to find out more.

FARNBOROUGHAIRPORT2040.COM
CONTACT@FARNBOROUGHAIRPORT2040.COM
0808 164 6061



FARNBOROUGH
AIRPORT 

FOLLOW AMELIA'S JOURNEY
AND HELP US SHAPE THE FUTURE
OF FARNBOROUGH AIRPORT
WHERE WILL YOUR FUTURE
TAKE YOU?



Farnboroughairport2040.com
Contact@farnboroughairport2040.com | 0808 164 6061

Appendix H – Press Release

EMBARGOED UNTIL 07:00 ON 4th SEPTEMBER 2023



MEDIA RELEASE

FARNBOROUGH AIRPORT INVITES FEEDBACK ON PLANS FOR LONG-TERM GROWTH

Farnborough Airport is launching a public consultation process which seeks feedback from its local communities on the Airport's long-term growth potential and the economic benefits this would bring.

As one of the largest employment sites in the local area, Farnborough Airport contributes £200m to the local economy each year, supporting many thousands of direct and indirect jobs in the process. Ensuring this continues is vital to the future of both the Airport and its regional economy.

Farnborough has been the home of British aviation for nearly 120 years and is the nexus of a vibrant and growing aerospace cluster, with world-class aviation and ancillary businesses attracted to the region, bringing high-skilled and well-paid jobs to Hampshire, Surrey and beyond.

Through a combination of market growth and limited airport capacity elsewhere, market demand for flights from Farnborough Airport is forecast to reach 70,000 per year by 2040. To meet this increasing demand and to safeguard the Airport's long-term future, Farnborough Airport will be holding a consultation process to seek feedback on proposals to amend its annual flight limit from 50,000 to 70,000 per year.

The proposals, alongside other operational changes, will enable Farnborough Airport to continue to be the catalyst for long-term economic prosperity in the region, supporting directly and indirectly 4,100 local jobs and generating £470m of Gross Value Added by 2040.

Farnborough Airport will also be consulting on a number of proposals to enhance and improve its community funds programme. The Airport is proposing to increase the levels of funding for environmental and community projects in the local area, including the launch of a new Sustainability Fund.

Simon Geere, Chief Executive of Farnborough Airport, said:

"By satisfying the growing demand for connectivity from Farnborough Airport, our proposals will create hundreds of new jobs within the local community and give a boost to the unique aerospace cluster that we are part of. This will be vitally important for the future economic prosperity of the region.

"At the same time, Farnborough Airport is leading the way on airport sustainability. We recently achieved Level 4+ Carbon Neutrality which is the highest possible accolade, and last year we set ourselves one of the most ambitious targets in the industry, by committing to be Net Zero across our controllable emissions by 2030 or sooner.

"We are looking forward to sharing our proposals for the future of the Airport with the local community and receiving feedback on how we can continue to contribute to the ongoing economic prosperity of the communities we serve."

All members of the local community are warmly invited to take part in the consultation and more information is available on the project website: **FarnboroughAirport2040.com**.

Detailed information about the proposals will be shared with the public from 20th September 2023. The information will be available to view on the website and at six public consultation events, where Farnborough Airport's project team will be on hand to discuss the proposals and answer any questions:

EMBARGOED UNTIL 07:00 ON 4th SEPTEMBER 2023

- As an integral part of the UK airports network, Farnborough Airport is fundamental to maintaining London's role as one of the world's leading capital cities for business and trade.
- The Airport generates £350m in Gross Value Added to the UK economy each year and supports directly or indirectly over 5,000 jobs, with 3,000 of these jobs being located in Hampshire and Surrey.
- Today, Farnborough Airport is the epicentre of a vibrant and growing aerospace cluster, with world-class aviation and ancillary businesses choosing to invest in the region because of this.

Leading on Sustainability:

- Farnborough Airport was the first airport of its kind to become Level 3+ carbon neutral accredited in 2018 and in 2023 it achieved Level 4+ status, the highest possible accolade.
- In June 2022 it launched its Net Zero Roadmap, setting some of the most ambitious environmental goals in the industry – to be Net Zero for those emissions within its control by 2030 or sooner.
- On the lead-up to the 2022 Farnborough International Airshow it was the first airport in the world to offer Sustainable Aviation Fuel (SAF) at a discounted price equivalent to its standard jet fuel.
- Farnborough Airport has a stated ambition of becoming a Global Showcase for Airport Sustainability.

Being a Responsible Employer:

- Farnborough Airport offers resilient, high-skilled, and growing employment opportunities to its local communities.
- Supporting the training and skills of its local community are a priority. In 2022 the Farnborough Airport Company became a certified Great Place to Work employer, as well as opening its brand-new learning and development facility – the Nexus.
- Resilient employment is one of Farnborough Airport's many strengths. Designated as a red-list entry port during the pandemic, the Airport remained fully operational throughout. Unlike nearly all other airports in the UK, Farnborough Airport made no staff redundancies and chose not to benefit from available Government financial support.
- The Airport works to support charities, schools, and colleges in and around Farnborough. Over the past decade, Farnborough Airport has provided more than £850,000 to important community initiatives.

For more information, please visit www.farnboroughairport.com

