

PROGRESS REPORT 2015-2017



CLEANER



QUIETER



SMARTER



EXECUTIVE SUMMARY

Sustainable Aviation's sixth Progress Report highlights the achievements by this unique coalition of the UK aviation industry, especially in the last few years.

We have seen passenger numbers reach 250m in 2016, an increase of nearly 30m since 2014, with further growth expected. We have disconnected that rate of growth from growth in carbon emissions and noise over the last two years. However, we recognise there is more to do.

Over the past two years Sustainable Aviation members have continued to take a leading role in collaboratively reducing our industry's impact on the global environment and local communities.

Our sixth progress report outlines what we have achieved and considers how the Goals we set in 2005 help meet the UN's Sustainable Development Goals.

FUTURE OPPORTUNITIES

Sustainable Aviation is committed to continuing its work towards sustainable aviation growth.

Over the next two years we will:

- Set out our vision for aviation in 2050
- Review our CO₂ Road-Map to ensure we can play our role in efforts to limit global temperature rises to less than 1.5c above pre-industrial levels
- Publish a report on new tools and techniques to manage and reduce aircraft noise
- Continue to improve air quality around airports
- Deepen dialogue with stakeholders to secure our permission to grow





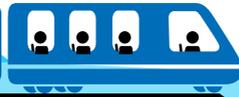
The **Airbus A350-900** and **Boeing 787-9** have reduced the area impacted by noise by at least 2.4km² than the aircraft they replace

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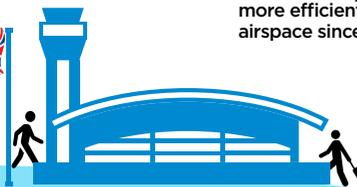
63,267 more continuous descent approaches in 2015/16 than 2014, reducing noise and CO₂

12,200 fewer people in noise contour areas at 5 SA airports than in 2014 despite 13% passenger growth

2.3% increase in passengers using public transport to access UK airports in 2016 compared to 2014



UK industry has taken a key role in the development of global aviation industry carbon offset scheme



90,095 tonnes of CO₂ saved due to more efficient flights in UK airspace since 2014

Over 140 innovation and technology projects are being supported by the UK aerospace industry, worth over **£700 million** to cut future aircraft emissions and noise, including development of hybrid and electric aircraft



1% of UK NOx emissions from aircraft



Disconnecting growth in UK aviation from growth in emissions and noise



1/4 of all specialist airport vehicles are zero emission electric vehicles

of all specialist airport vehicles are zero emission electric vehicles



28.8m more passengers



in 2016 compared to 2014

2% increase in aircraft fuel efficiency since 2014

New UK special interest group to support UK sustainable jet fuels sector



120,000 people employed by SA members **2,000 more** than in 2014





ABOUT SUSTAINABLE AVIATION

Sustainable Aviation is a not for profit coalition which develops practical and policy solutions for cleaner, quieter and smarter flying, in order to enable the sustainable development of air transport in the UK.

Our vision is for the UK aviation industry to develop sustainably: maximising the economic and social benefits of air transport, while removing or minimising any negative impacts on the local and global environment.

A first initiative in the world, bringing together 90% of the UK's aviation industry - airlines, aircraft and engine manufacturers, airports and air traffic managers - as part of a formal strategy.

The biggest challenges that we face will only be solved by the different parts of the aviation industry working together to improve performance. We focus our efforts on issues that rely on collaboration for success. We set long-term goals and agree priority areas of work to deliver these, reporting on progress every two years.

www.sustainableaviation.co.uk
020 7799 3171
info@sustainableaviation.co.uk
[@Sustaviation](https://twitter.com/Sustaviation)



**SUSTAINABLE
AVIATION**
Cleaner. Quieter. Smarter.