

Our Action Plan is designed to deliver our S106 obligations targets on Air Quality.

STRATEGY		
STRATEGY	1. Continue to work with Reigate and Banstead Borough Council (RBBC) and business partners to monitor and evaluate local air quality impacts.	Ongoing
	2. Periodically update the map of emissions sources and types for London Gatwick.	Five-yearly studies
DELIVERY	3. Use findings from airport emissions studies to identify potential cost-effective and operationally sensible opportunities for emission reductions from airside ground operations.	Ongoing
	4. Continue to engage with airlines and industry partners at UK level through Sustainable Aviation, and in relevant fora at European and international level, about best practice new technologies and techniques to improve local air quality.	Ongoing
	5. Continue to report on Fixed Electrical Ground Power (FEGP) availability annually in the S106 reports, and quarterly through the Airspace Office Reports.	Ongoing
MONITORING & REPORTING	6. Maintain on-airport air quality monitoring sites and report on performance against established KPIs.	Ongoing
	7. Meet with RBBC twice yearly to discuss progress with air quality monitoring, the results thereof, and progress in delivering the Air Quality Action Plan.	Twice yearly
	8. Seek to develop further KPIs to quantify improvements from specific on-airport initiatives, taking account of further peer benchmarking on Air Quality KPIs and actions.	Ongoing

AIR QUALITY KPIS AND REPORTING

Our KPIs reflect our S106 reporting obligations and the results of our continuous air quality monitoring. All the KPIs are updated annually in our Decade of Change report and S106 Annual Monitoring Report (AMR).

In our annual Decade of Change reports, we report the following KPIs:

- annual average NO₂ (µg/m³) PM₁₀ (µg/m³) and PM_{2.5} (µg/m³) results for the on-airport air quality monitoring site LGW3, located at the eastern end of runway 26L
- % of Gatwick flights by CAEP 6 or newer aircraft

In our S106 AMR we include the annual average NO₂ (µg/m³) and PM₁₀ (µg/m³) for LGW3 and data for the Horley Gardens Air quality monitoring sites (sites RG1, RG2 and RG3). RG1 and RG2 are located in Horley Gardens Estate (NE of the Airport) and RG3 is located in Poles Lane, Crawley (SW of the Airport). We also include annual data for engine testing, FEGP usage and Ground Power Unit/Auxiliary Power Unit compliance in our S106 AMR.

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