



2019 Performance Report
Our journey to be the UK's most sustainable airport

YOUR LONDON AIRPORT
Gatwick

Welcome



ABOUT THIS REPORT

This is our annual Decade of Change Sustainability Report for 2019. It presents a summary of our 2019 performance and actions on our ten Decade of Change issues, our progress on our 2020 goals and our KPI data tables. The Report is also available as a PDF at www.gatwickairport.com/sustainabilityreport

When we launched our first Decade of Change strategy, we saw it as a cornerstone of Gatwick's ambitions to compete and grow, to transform the passenger experience and redefine efficient runway operations – and to become a leader in our sector. In 2019, the acquisition by VINCI Group of a majority stake in Gatwick provided further, long term support for our ambitions.

As this report shows, in 2019 we continued to deliver in all areas while increasing our focus on local economic and community initiatives, further improving our recycling rate, and collaborating with industry partners on the roadmap to decarbonise UK aviation. We have committed publicly to become a net zero airport well before 2050, and to play our part in UK aviation getting there too.

We are now, of course, in a new era as a result of COVID-19, an era in which the health and safety of our passengers and our staff remains a top priority as we adjust to new ways of living, and in which the resilience of our business and the local and national economies are being severely tested.

By working in partnership with many of our stakeholders, we will come through this and, as we ramp up our operations, we'll continue to be a passenger-orientated and efficient airport, with a strong focus on contributing positively to the community, the economy and the environment.

I am proud of the Airport's achievements on our economic, social and environmental performance and I am confident that as we evolve our next Decade of Change plan, we'll seek to build on what we have already achieved.

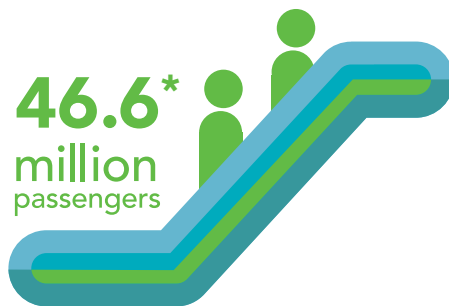
A handwritten signature in blue ink, appearing to read 'Stewart Wingate', with a stylized flourish at the end.

Stewart Wingate
Chief Executive Officer
June 2020

Gatwick's vital statistics 2019



46.6*
million
passengers



1 IN 5

PASSENGERS TRAVELLING
ON BUSINESS

450+ DAILY DEPARTURES
50+ REGULAR AIRLINES
240+ DESTINATIONS
60+ LONG HAUL ROUTES



**INVESTORS
IN PEOPLE**
ACCREDITED



**GATWICK
EMPLOYS**

24,000

AND SUPPORTS
71,000
JOBS IN THE REGION



117
AIRCRAFT
STANDS
FOR UP TO
186
AIRCRAFT

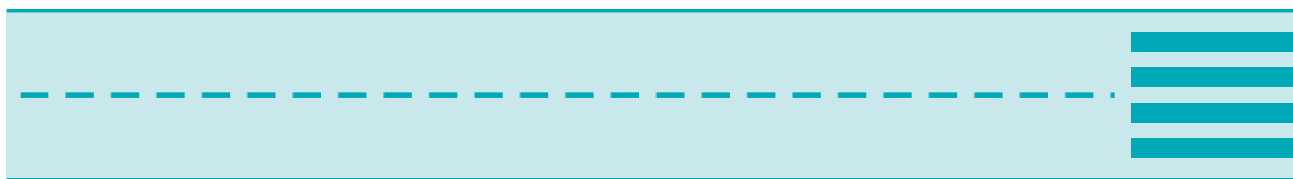


2 TERMINALS

245
CHECK-IN DESKS

&
123

SELF CHECK-IN
DESKS



3,316m



2019 Performance



EFFICIENCY AND INNOVATION

Sustainability is a key part of Gatwick's transformation since 2009. We've grown from 31 million to over 46 million passengers per year by investing heavily to transform the passenger experience and operational efficiency of our airport. At the same time, through our Decade of Change we're reducing our environmental footprint and strengthening our community programmes. In 2019, we continued to improve our performance with a particular focus on supporting local economic and community initiatives, further improvement in recycling rates, and industry collaboration to develop the roadmap for net zero UK aviation.

Information on our Decade of Change data boundaries is provided on page 27.

Community

£181,632 raised for charity partners by staff and passengers

56
COMMUNITY
EVENTS SPONSORED



153 local causes funded by Gatwick Airport Community Trust (97) and Gatwick Foundation Fund (56)

Carbon

Retained Level 3+ 'Neutral' Airport Carbon Accreditation

8%
REDUCTION

in GAL emissions from fuel and energy in 2019 compared to 2018

54.5% cumulative reduction on 1990 baseline

Aircraft emissions decreased by 1.5% and surface access emissions decreased by 5%



Economy

24,000 on-airport employees

57% **£**
OF GAL
EMPLOYEES FROM
THE LOCAL AREA

£100m spent with local and regional suppliers

Air Quality

284,736

Air traffic movements

30% of flights by the cleanest aircraft (ICAO CAEP 8)

We continue to operate well below annual mean limits for NO₂ PM₁₀ and PM_{2.5}





Noise

62%



of flights by the quietest aircraft (ICAO Chapter 14)

99% of A320 aircraft have been modified to reduce noise on arrival
98% compliance with track keeping

Energy

**1.6%
REDUCTION**



in Airport energy consumption in 2019 compared to 2018

100% RENEWABLE ELECTRICITY purchased to run the Airport for the 7th year
11% REDUCTION in energy used and
40% REDUCTION in energy ppax since 2010

Water

**5%
INCREASE**



in Airport water consumption in 2019 compared to 2018

Onsite filtration enables water reuse in our recycling centre, valet car park and surface water drainage system
26% REDUCTION in water used and
50% REDUCTION in water ppax since 2010

Surface Transport

47%



of passengers reach Gatwick by public transport

43% of Airport staff commute by public transport, cycling or walking
30% of airport staff who live locally commute by bus

Waste

**71%
REUSED OR RECYCLED**



of operational and commercial waste up from **64%** in 2018

7% point decrease in offsite recovery for energy to 29%
ZERO untreated waste sent to landfill

Biodiversity

Retained The Wildlife Trusts' **BIODIVERSITY BENCHMARK** certification for the 6th year



69 onsite volunteering and education days with **621** volunteers
26 surveys conducted, recording **2,383 species**



Community and Economy



153 LOCAL CAUSES SUPPORTED

WITH GATWICK FUNDING*



COMMUNITY EVENTS
sponsored

£181,632
RAISED



FOR CHARITY PARTNERS BY
STAFF AND PASSENGERS



Partnered with Brighton Marathon, which in 2019 attracted 12,000 athletes, 180,000 spectators and 3,000 children. Gatwick's support enabled free participation in the children's mini-mile and provision of 20,000 reusable water bottles to reduce single use plastics and litter.



Helped to bring 300 communities together by supporting South & South East In Bloom, a campaign that supports social inclusion, sustainability and conservation while recognising horticultural achievements, environmental responsibility and community participation.



Sponsored the Horsham District Year of Culture 2019, a year-long celebration of Horsham culture and heritage with more than 650 events and projects, from a film festival to a children's show, sculpture trails and music nights.



Pledged support to Air Ambulance Kent Surrey & Sussex as our charity partner. In 2019 our workforce undertook fundraising challenges from cake baking to marathon running, mountain climbing and Tough Mudder, for a charity that is changing lives in the communities around the airport.

*97 causes supported in 2018 by Gatwick Airport Community Trust; 56 causes supported by Gatwick Foundation Fund.

Joel Gallagher, Marvolio's Nostrums, based in East Grinstead, West Sussex.





Gatwick team walking the Lake District's Fairfield Horseshoe in November 2019 to raise funds for Air Ambulance Surrey, Sussex and Kent.



Meet the local producer

In October Gatwick hosted its first Meet the Local Producer event, inviting food and beverage suppliers from across the region. The main purpose of the event was to raise awareness amongst the suppliers on the needs and requirements of the buyers and for the suppliers to educate the buyers on what wonderful local products are on offer – profiling and enhancing the whole region as a “go to place” for unique and quality produce.

The event was attended by approximately 50 buyers from across the region and differing hospitality sectors, including Gatwick's own retail concessionaires. The event was successful, with several buyers placing orders directly with suppliers and favourable feedback from buyers with most stating a strong likelihood of placing orders in the next 6 months and 96% saying they would attend a similar event in the future.

£

Supported the Gateway Gatwick summer campaign to promote local tourism by displaying visuals in both terminals' arrival routes and creating a webpage to promote local destinations by themes and distance from the airport.

£

Developed and delivered a Meet the Local Producer food and beverage event involving suppliers from across Kent, Surrey, East and West Sussex.

£

Delivered an Understanding Gatwick procurement session for members of the local Chambers and Federation of Small Businesses.

£

Ran a trade competition for local Small and Medium Enterprises (SMEs) to attend an international trade show of their choice to promote their products and services.

£

Delivered a successful jobs fair in Crawley which was attended by 40 Gatwick campus employers and visited by 1,000 job seekers.

*RH postcodes

**BN, CR, KT, TN postcodes

The Gatwick Foundation Fund

The Gatwick Foundation Fund distributes £300,000 annually to local charities, groups and projects in Kent, Surrey and Sussex that help the vulnerable, young and elderly. £100,000 is distributed across each county, in three rounds of funding every year. The Fund was set up as a way of supporting local people who may not benefit directly from the jobs and other economic opportunities that the airport generates. We do this by offering grants to organisations that have a meaningful and lasting impact on local people. Grants passed the £1 million mark in October 2019 with more than 200 organisations and close to 100,000 people benefitting since the Fund was established in 2016.

Diane Bradley, Fundraising Manager, Compaid said: *"As a local charity this grant will make a huge difference, giving us the peace of mind to know that our transport service for disabled, elderly & other vulnerable people will be supported and remain affordable for those in need. We would like to thank the Gatwick Foundation Fund for their generous support."*



Compaid is the leading charity providing support services to disabled people in the South East of England.

Taking the airport to the community

In 2019 Gatwick took the airport on a series of roadshows as part of our wider Science, Technology, Engineering and Maths (STEM) suite of education programmes. The aim of the roadshows is to give students across the region a more hands-on experience of STEM-related careers to encourage them to consider working in the industry. The roadshows also highlight interesting airport jobs that students may not be aware of.

The events provide pupils with an eclectic choice of activities ranging from how to marshal a jumbo jet to testing their mental arithmetic by finding products sold at the airport adding up to £100. Other activities include talking to easyJet cabin crew and pilots to understand their jobs better and looking for hidden items in X-ray images, guided by Gatwick security officers.

The roadshow visited pupils in Kent, West Sussex and East Sussex throughout the year engaging with over 4,000 students.



A student changing a runway light at the Gatwick Roadshow at Hailsham Community College, East Sussex, November 2019.



Noise

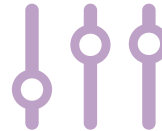


Gatwick noise monitoring equipment, Russ Hill.



62%
OF FLIGHTS BY THE QUIETEST AIRCRAFT
(ICAO CHAPTER 14)

99.6% OF A320 FAMILY AIRCRAFT
MODIFIED
REDUCING NOISE ON APPROACH TO THE AIRPORT



98%
OF DEPARTING AIRCRAFT
ON-TRACK
Complying with the mandatory noise preferential routes



90% OF ARRIVING AIRCRAFT PERFORMING CDO

24 hour continuous descent operations performance



Commenced the reviews of the Noise Insulation Scheme and departure noise limits, both priority actions in Gatwick's END Noise Action Plan.



Continued to work with stakeholders in the airspace modernisation programme which when implemented will facilitate a range of operational and environmental benefits.



Supported organisational changes to the Noise Management Board and the appointment of new chairpersons as it continues to evolve.

New noise and track keeping system

In 2019 we launched a new Noise and Track Keeping system, upgraded our noise monitoring equipment and enhanced the noise information portal on the Gatwick website.

The information available online includes videos and performance dashboards focusing on airport operations, noise abatement metrics and complaints. Flight tracking and mapping also shows how aircraft operate to and from the airport. There are now an additional 13 noise monitors deployed in the local area, bringing our total to 23 and the data from these is also available online.

Delivery of this system and the improvements in the publicly available information contributes to delivery of 11 action plan actions in the European Noise Directive (END) Noise Action Plan for Gatwick Airport.





Air quality and Carbon

94% OF GATWICK FLIGHTS ARE BY 
NEWER AIRCRAFT*

30% ARE CAEP 8 and 64% ARE CAEP 6
IN 2010, 55% WERE CAEP 6 –
AT THAT TIME THE CLEANEST LEVEL

FIXED ELECTRICAL GROUND POWER
FITTED ON ALL AIRCRAFT STANDS



99%
AVAILABILITY
IN CORE HOURS



40%
OF GAL FLEET CARS AND
SMALL VANS ARE ELECTRIC
OR PLUG-IN HYBRIDS

Mark Randall, Electrical Systems Manager
using a GAL Fleet 50kW DC charge-point.



Ratified 2019 data from Gatwick's real-time automatic monitoring site shows all applicable air quality objectives for NO_x, PM₁₀ and PM_{2.5} continued to be met in 2019.



Co-sponsored Crawley Borough Council's EV.ent in May 2019 to promote collaboration on electric transport initiatives between the public and private sector in the local region.



Maintained provision of Fixed Electrical Ground Power on all aircraft stands; and undertook an initial trial of at-stand equipment that can provide air conditioning for parked aircraft.

* Refers to the nitrogen oxides (NO_x) standards for aircraft engines set by the Committee on Aviation Environmental Protection (CAEP) at the International Civil Aviation Organisation (ICAO). Overall, CAEP 8 represents an approximate 15% reduction in NO_x emissions compared to CAEP 6, and CAEP 6 represents an approximate 12% reduction in NO_x emissions from CAEP 4.





**CARBON
NEUTRAL**

ACCREDITED FOR
2019 GAL EMISSIONS



**GAL FUEL
AND ENERGY
EMISSIONS**



Compared to 2018

8%

REDUCTION
IN 2019



**54.5%
LOWER**

THAN 1990
BASELINE



Electric Vehicles

Gatwick continues to invest in electric vehicle infrastructure for airport operations and public transport. In the past year we have added eight electric vans to the GAL Fleet and installed 22 charge-points for airport duty vehicles. This complements our extensive EV infrastructure for electric baggage tugs and a growing number of electric push back tugs and electric high loaders.

In our short-stay car parks we have replaced existing charge-points with modern 22kW fast chargers, allowing customers to charge their vehicles up to six times faster than before; and installed EV charging in our valet parking service. We are supporting Metrobus with infrastructure for its new fleet of hydrogen fuel cell buses, expected to enter local service next year. And we are developing further plans for passengers and for our staff car parks.



In June 2019, Gatwick signed the Airports Council Europe pledge to reach Net Zero carbon emissions for our ground operations before 2050. This means eliminating carbon emissions through renewable fuels and energy, and carbon removal and storage.



GAL's 2019 carbon footprint shows that we are half-way to net zero for our own operations. The path from carbon neutral to net zero operations will require continued focus on energy efficiency and electrification where feasible of heating, cooling, vehicles and equipment. This is likely to take longer than the first 50% reduction.



Throughout 2019, Gatwick played an active role in developing the UK Sustainable Aviation (SA) coalition's Decarbonisation Roadmap for UK aircraft emissions; and in February 2020, Gatwick signed the SA commitment to achieve net zero carbon emissions by 2050. Gatwick recognises the role we can play in this by enabling electrification of aircraft ground services, and by supporting airspace modernisation and the transition to sustainable aviation fuels.

2019 carbon footprint



GAL ground fuels and energy

Scope 1 & 2: 37,666 tonnes CO₂eq (down 8.5% on 2018)

0.8kg CO₂eq per passenger in 2019 compared with 3kg CO₂eq per passenger in 2010

Fuels: 12,223 tonnes CO₂eq;

Electricity: 25,443 tonnes CO₂eq (location-based) or 5 tonnes CO₂eq (market-based)

GAL's 2019 carbon reduction was achieved through ongoing focus on energy efficiency; and by further reduction in the UK electricity grid's emission factor, which Gatwick contributes to by purchasing 100% certified renewable electricity since 2013/14.



Airport third parties ground fuels and energy

Total: 23,304 tonnes CO₂eq (down 6% on 2018)

Fuels: 9,075 tonnes CO₂eq; Electricity: 14,229 tonnes CO₂eq (location-based) or 3 tonnes CO₂eq (market based)



Aircraft landing and take off

426,924 tonnes CO₂eq (down 1.5% on 2018)

9.2kg CO₂eq per passenger in 2019 compared with 12.2kg CO₂eq per passenger in 2010



Passenger travel to Gatwick

195,692 tonnes CO₂eq (down 5% on 2018)

68% of these emissions are from private cars, taxis and mini-cabs



Airport staff commuting

45,482 tonnes CO₂eq (down 14% on 2018)

60% of these emissions are from private cars

Gatwick's Airport Carbon Accreditation as 'carbon neutral' is achieved through:

- Annual independent verification of the airport's carbon footprint, including surface access and aircraft emissions, and demonstrated actions to reduce emissions through collaboration;
- Purchasing 100% renewable electricity; and
- Offsetting the airport's remaining emissions from fuel and energy consumption in ground operations with Gold Standard carbon offsets from Akbuk Wind Power Plant in Izmir province, Turkey.



North Terminal, Gatwick Airport.



Metrobus hybrid bus trial on local route 200.

*Since 2018, the offsets we purchase cover GAL and airport third parties' ground fuels



Transport

Bus to Terminal accessibility

In July 2019, Gatwick completed a £3.8m upgrade to improve access between the local bus network, the terminals and train station. The project delivered two new lifts between the southbound road-level A23 bus stops and South Terminal, supporting passengers and local people travelling with luggage, pushchairs and those with reduced mobility. Other improvements to benefit passengers, airport staff and commuters include new pedestrian and wheelchair accessible routes, new seating, help-points and improved lighting and signage. The improved access benefits the 30% of airport staff who live locally and get the bus to work, workers at Manor Royal Business District and Crawley town centre, and many of the 1 million regular commuters who live locally and use Gatwick's train station.

47%



OF NON-TRANSFER PASSENGERS
USED PUBLIC TRANSPORT TO GATWICK



41%
TRAVELLED
BY TRAIN



6%
TRAVELLED BY
BUS OR COACH



43%

OF STAFF COMMUTE
VIA SUSTAINABLE MODES

Walking path between South and North Terminals.



Announced the redevelopment of Gatwick Airport Rail Station in partnership with the Department for Transport, Network Rail and Coast to Capital Local Economic Partnership.



Delivered a £3.8m project to improve access between local bus stops and the terminal and train station.



Commenced interim survey on airport staff travel to work to support travel planning.

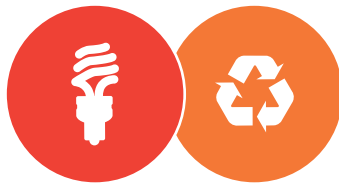


Pledged financial support to Great Western Railway for the North Downs Line, to enable an additional service to Reading.



Launched a staff bus service trial between Crawley and Gatwick in partnership with a start-up company, aimed at reducing car trips.





Energy and Waste



**1.6%
REDUCTION**

IN AIRPORT ENERGY
CONSUMPTION IN 2019
COMPARED TO 2018



REDUCTION IN AIRPORT
ENERGY CONSUMPTION
SINCE 2010

40% on per passenger basis



**100%
RENEWABLE
ELECTRICITY**

PURCHASED SINCE 2013



Completed a full heating, ventilation, air-conditioning (HVAC), lighting and building controls refurbishment of the airport fire station.



Continued our LED lighting programme with the installation of over 2,500 LED lights into terminal, welfare, office and plant areas and upgraded lighting and controls in two large baggage areas in North Terminal.



Completed a site-wide energy efficiency audit to help us understand energy saving opportunities and investment priorities.



Renewed our electricity supply contracts to 2024 maintaining our corporate commitment to purchasing 100% renewable electricity.

LED lighting

In 2019, as part of Gatwick's ongoing energy efficiency programme, our Engineering department led a project to install a further 2,500 LED fittings, delivering about 50% saving in the electricity used for lighting. The fittings have been installed in public areas in the South and North terminals as well as in plant rooms, offices and staff welfare spaces. In the plant rooms, the LED linear type fitting designed for this purpose incorporates automated dimming controls and has, on average, delivered a 65% electricity saving. On completion, when a further 500 LEDs are installed, this particular project is expected to save 750,000kWh annually; equivalent to a reduction in carbon emissions of over 200 tonnes.



Gatwick North Terminal fast bag drop.

71% OF OPERATIONAL AND COMMERCIAL WASTE
REUSED OR RECYCLED
UP FROM 64% IN 2018

ALL USED EMPTY
PLASTIC BOTTLES & **COFFEE CUPS**
ARE RECYCLED

29% OF COMMERCIAL AND OPERATIONAL WASTE
RECOVERED FOR ENERGY

ZERO UNTREATED WASTE SENT TO LANDFILL

Recycling champions forum

As part of our recycling drive, the Gatwick Recycling Champions initiative is a collaboration with our retail partners, cleaning provider and waste contractor. The Champions network meets regularly and shares best practices to reduce avoidable waste, segregate more recyclables and create a culture where airport staff and passengers have better opportunities to recycle. In 2019, Gatwick increased recycling by 4.6% compared to 2018. As part of the initiative, we provide retail stores, staff and GAL departments with information on their recycling performance to promote continuous improvement. The Champions network members can be spotted across the airport by the Recycling Champions badge on their lanyard.



Achieved our Decade of Change 2020 target of 70% reuse and recycling; and maintained Zero Waste to Landfill.



Reduced commercial and operational waste tonnage by 2%.



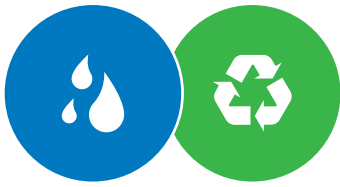
Awarded the UK Airport Operators Association's 'Best Environmental Initiative' award for 2019 in recognition of Gatwick's circular economy approach.



Facilitated a four-week "returnable cup" trial with Starbucks and Hubbub during which, on average, 215 single-use cups a day were replaced by a reusable rigid cup with lid that passengers could return to designated collection points for cleaning and reuse the following day.



Featured on France2 TV programme about aviation and waste including on-site interview with Nicolas Notebaert, CEO of Vinci Concessions.



Water and Biodiversity



**5%
INCREASE**

IN AIRPORT WATER CONSUMPTION
IN 2019 COMPARED TO 2018



ANNUALLY

1,000

WATER SAMPLES TAKEN FROM
OUR RIVERS, PONDS AND LAGOONS

**26%
REDUCTION**



IN AIRPORT WATER USE SINCE 2010;
50% ON PER PASSENGER BASIS

APPROX.

5,500

INDIVIDUAL LABORATORY
TESTS ON THOSE SAMPLES



Maintained focus on water efficiency by carrying out two network leakage surveys with no major leaks found. Water usage increased in North Terminal network with more passengers and new facilities opening.



Surveyed South Terminal water systems to understand where additional water metering might be installed to improve water monitoring and accounting.



No actions or reports made in 2019 by the Environment Agency for non-compliance with Surface Water Discharge Consents.



Issued guidance on waste water management that sets out necessary controls and processes that must be followed at the airport.



Our long-term river biological sampling programme confirms that the airport is not having any detrimental effect on local rivers.

New water quality process equipment

As part of our water quality systems, we constantly monitor surface water for the presence of de-icing chemicals using a machine that measures BOD (Biological Oxygen Demand). With the equipment approaching the end of its life cycle, we undertook research and testing with the help of our 'Year in Industry' university students to identify suitable additional monitoring equipment.

We selected the Protoc 300 which uses UV light to oxidise organic compounds in our water samples. The resulting gas is detected by a CO₂ sensor and converted to Total Organic Carbon (TOC). This new Environment Agency approved technology from Pollution & Process Monitoring Ltd has been brought into routine use alongside our existing sampling regime, providing greater durability and further strengthening our water management.



Gatwick EHS team members with Sussex Wildlife Trust volunteers in the Gatwick woodlands, November 2019.

 **26** BIODIVERSITY SURVEYS IN 2019

 **2,383** SPECIES RECORDED AT GATWICK

621  ON-SITE VOLUNTEERS AND 69 ONSITE VOLUNTEERING AND EDUCATION DAYS

 **534** VOLUNTEERS AND 43 VOLUNTEERING AND EDUCATIONAL DAYS AT OFFSITE PROJECTS

 **6TH** YEAR OF BIODIVERSITY BENCHMARK ACCREDITATION

The year of the Tawny Owl at Gatwick Airport

At Gatwick we strive to keep up to date with the latest in conservation science to understand more about declining species. Targeted ecological surveys help to gather new information on how best to mitigate these species loss trends.

In 2019 the British Trust for Ornithology (BTO) carried out Tawny Owl baseline surveys for the UK, a species recently added to the Amber List of Birds of Conservation Concern. We took inspiration from this and began our own baseline Tawny Owl territory mapping of Gatwick's biodiversity areas. With the help of an expert owl surveyor, we used a novel survey technique which allowed us to detect the recently fledged young. As a result, we were able to pinpoint three core breeding territories for Tawny Owls. Although our woodlands and others in the surrounding landscape are fragmented, we are fortunate in that they have excellent connectivity, maturity and a variety of character, providing an important resource for this woodland specialist bird.



Identified new species in our biodiversity surveys including Narrow-lipped Helleborine, Dotted Bee-fly, Spanish Frillwort and a parasitic fungus *Laboulbenia pseudomasci*; and completed a new Tawny Owl baseline territory survey.



Continued habitat management courses through the Gatwick Greenspace Partnership with new public courses this year including green woodworking and hedge-laying.



Newly trained scything volunteers have enhanced our grassland meadows, by encouraging a higher wildflower content and more varied habitat structure.



Airport staff and community volunteers contributed to boardwalk repairs, bracken management, woodland ride coppicing, and planting of a woodland understory.

Running a responsible airport

As a major airport Gatwick has established a management system that ensures we have the people, policies and processes to deliver efficient and sustainable growth.



For further information please visit
<https://www.gatwickairport.com/business-community>

A strong Environment, Health and Safety Culture

FY 18/19 PERFORMANCE



100%

Telematics installed
in core GAL fleet



60%

Reduction in reportable
passenger accidents



75

Staff trained in
Trauma Response



Gatwick remains committed to the reduction of risk associated with its people, assets and environment. As a responsible business, we have launched a new vision for 2020. Our vision statement is: *'A leading airport that prioritises the environment, health, safety and wellbeing of our people and our customers, that strives to learn and continually improve.'*

During 2019 we:

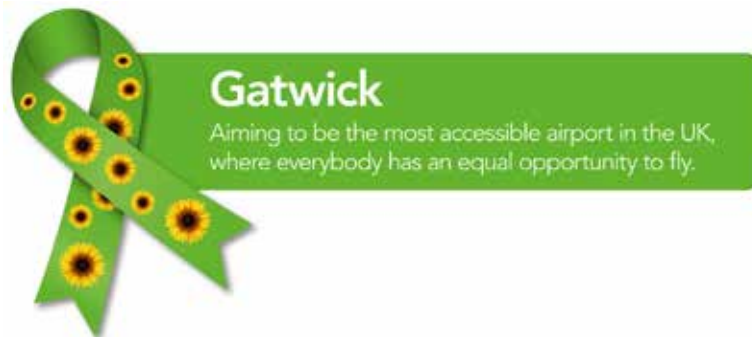
- Commenced a programme of four modules to give 300+ staff the awareness and tools to understand their own mental health and recognise symptoms in others.
- 75 of planned 125 members of staff trained in Trauma Risk Management (TRiM) to support staff that have dealt with traumatic events.
- Avoided 59 instances of local fire service attendance by introducing a new approach to ground incidents, saving an estimated 767 firefighter hours.
- Gatwick continues to work on improving its EHS culture, targeting five areas to improve on from the results of a safety culture survey carried out in late 2018.

Our Passengers

Gatwick continues to invest in transforming our airport to make the passenger experience more efficient, comfortable, innovative and enjoyable, putting passengers in charge of their time at the airport. This includes Airport Essentials such as free Wi-Fi and mobile device charging points as well as wayfinding beacons and biometric technologies which help us to improve the passenger experience at check-in, security and passport control.



Accessible Airport



Gatwick is committed to being a truly accessible airport where everybody has an equal opportunity to fly. In support of this ambition, our key activities in 2019 include:

- Received a 'Good' rating in the Civil Aviation Authority's Airport Accessibility Report.
- Welcomed 100 guests at our November 2019 Accessibility Day, held twice a year to empower guests to travel by hosting a familiarisation visit.
- Launched the Independent Gatwick Accessibility Panel (IGAP), made up of accessibility experts, to shape our Accessibility strategy.
- Trained over 1,500 Security officers on Visual Impairments and Hearing Loss in collaboration with RNIB and Action for Deafness.
- Helped almost 700,000 passengers with our Special Assistance service, approximately 8% growth compared to 2018.
- Distributed approximately 3,000 Hidden Disability lanyards each month.
- Proudly sponsored awards including "Inspiring Young Person of the Year" at the Alzheimer's Society Dementia Friendly awards.



Participants at Gatwick's Accessibility Day in November 2019.

Our People



RESOURCING

For the third consecutive year, Gatwick has worked with over 40 employers to welcome 1,000 visitors to the Gatwick Job Fair 2019. In partnership with local colleges, jobs brokers and support services, Gatwick promoted the variety of jobs and breadth of STEM (Science, Technology, Engineering and Maths) related opportunities available across the airport and deployed an Event App resulting in a practically paperless event.



DIVERSITY

Gatwick is committed to providing a diverse workforce reflective of our passenger population. With the launch of Everywoman, Gatwick is targeting gender diversity from recruitment through the employee life cycle. As a signatory member of the Women in Aviation and Aerospace Charter we are also committed to sharing diversity best practice through many of our exciting Community Engagement STEM Initiatives in local schools and the community.



INVESTORS IN PEOPLE

Investors in People (IiP) provides an external benchmark for our commitment to "Making Gatwick an even better place to work". Following an IiP assessment in 2019, Gatwick achieved Silver status under the latest version of the standard. In particular, the assessor recognised the work that has been undertaken to build leadership capability within the Operations area.



2019 RECRUITMENT



156

Security Officers recruited



178

Corporate, Technical and Operational hires



6

Engineering Apprentices and Graduates

From the top:

Begonia Cachaldora, Brand and Marketing Executive; **David Oyegbile**, Assistant Project Manager; **Amanda Calnon**, Human Resources Business Partner; **Alan Holmes**, Airside Standards Improvement Lead; **Adele Gammarano**, Project Integrator, Terminals; **Aaron Basset**, Passenger Security Operations Lead

Building a Sustainable Airport



Monya Alkhalisi, Project Manager and Eamonn Harper, Business Change Manager, Pier 6 Programme, Gatwick Airport.

RESPONSIBLE PROCUREMENT

Procurement plays a major role in delivering our Decade of Change strategy. From the outset of any project that requires the purchase of goods, services or know-how, we work with colleagues across the company on scope definition and pre-qualification processes to ensure that Gatwick obtains maximum value for money for quality products and services.

EHS considerations and supplier engagement are also at the forefront of our procurement process. We provide a range of supplier engagement programmes, with a particular emphasis on local and regional suppliers. We also actively promote the importance of supporting our local economy with our tier one suppliers.




In 2019, we spent £100m with local suppliers, which was 23% of GAL's total procurement spend. In August 2019, Gatwick committed to pay all of our existing, and any new, SME suppliers within 30 days. This benefitted over 200 existing small suppliers who were previously on 60 day terms.

RESPONSIBLE CONSTRUCTION

The Construction team delivers Gatwick's £1.11 billion Capital Investment Programme (CIP). The current CIP runs over the five-year period 2019-2024.

All projects are tasked with reducing environmental impact and improving our sustainability credentials. We work with contractors to ensure alignment to our Decade of Change priorities and sustainability is reviewed at key points of each project. This includes both the design and construction phases, ranging from design scope to procurement planning and contract awards.

Project highlights in 2019 included:

-  Upgrading facilities for people with reduced mobility including new lifts from road-level bus stops into the terminals and train station.
-  Installing the latest Standard 3 hold baggage screening technology to comply with new Government regulations.
-  The new South Terminal domestic arrivals facility opened offering a quicker route into the terminal and a dedicated baggage belt.
-  Pier 6 extension enabling works continued, including relocating our A380 gate from Pier 6 to Pier 5.
-  In North Terminal, a project to add a new 700m² mezzanine level for new food and beverage outlets continued.

Performance indicators

This section presents a summary of our Decade of Change performance data. Performance data for Carbon, Energy efficiency, Water efficiency, Materials waste management, Air Quality and Noise have been reported since 2010. Performance data on Construction waste management, Biodiversity, Community and Local economy have been reported since 2015. Decade of Change targets are marked with ●. 2019 data that has been externally verified is marked with ●●. Information on data boundaries and on verification is provided overleaf.

	2010	2015	2018	2019	Data Source	
Passengers	31,353,547	40,267,938	46,075,400	46,568,000	GAL	

Carbon						
Carbon scope 1 (tCO ₂ e) location-based accounting	16,499	11,332	11,931	12,223	GAL	●●
Carbon scope 2 (tCO ₂ e) location-based accounting	79,106	44,627	29,224	25,443	GAL	●●
Carbon scope 2 (tCO ₂ e) market-based accounting	–	–	5	5	GAL	
Carbon scope 3 (tCO ₂ e) location-based accounting	625,897	693,910	716,459	696,628	GAL	●●
Total Carbon emissions (tCO ₂ e) location-based accounting	721,502	749,869	757,613	734,294	GAL	●●
Total scope 1 and scope 2 (tCO ₂ e) location-based accounting	95,605	55,959	41,155	37,666	GAL	●●
● Scope 1 & 2 - Cumulative % change on 1990 baseline of 82,843.5 tCO ₂ e (%) location-based accounting	15.4%	-32.45%	-50.32%	-54.53%	GAL	●●
Total Scope 1 & 2 per passenger (kg CO ₂ e)	3	1.39	0.89	0.81	GAL	●●

Scope 2: The location-based method reflects the average emissions intensity of the grid on which energy consumption occurs. The market-based method reflects emissions from electricity that has been purposefully chosen, in GAL's case Renewable Electricity Guarantee of Origin certificates for the airport's electricity supply.

Energy efficiency ¹						
Total energy consumption (kWh)	237,955,708	200,140,933	215,392,240	211,906,999	GAL	●●
Electricity - consumption (kWh)	162,621,805	144,850,628	154,212,375	150,888,761	GAL	●●
Gas - consumption (kWh)	75,333,903	55,290,305	61,179,865	61,018,238	GAL	●●
● Total energy consumption - Cumulative % change on 1990 baseline of 240m kWh (%)	-0.9%	-16.6%	-10.3%	-11.7%	GAL	●●
Total energy consumption per passenger (kWh)	7.59	4.97	4.67	4.55	GAL	●●
Renewable energy generated onsite (kWh)	–	53,086	53,929	33,990	GAL	●●
● % of total energy from renewable sources ²	–	72.4%	71.6%	71.2%	GAL	●●

¹ Data is Airport consumption (see boundary notes).

² Gatwick purchases 100% certified renewable electricity, this is included in this figure.

Water efficiency ³						
Water - consumption (m ³)	974,067	689,922	688,497	721,336	GAL	●●
● Water consumption - Cumulative % change on 2010 baseline of 974,067 m ³ (%)	–	-29.2%	-29.3%	-25.9%	GAL	●●
Water consumption per passenger (litres)	31.07	17.13	14.94	15.49	GAL	●●

³ Data is airport consumption (see boundary notes). Water consumption figures do not include rainwater harvesting. In 2016, the 2010 baseline was re-stated from 956,493m³ to 974,067m³, following resolution of a multi-year Water invoicing issue, in which a small volume of water was incorrectly invoiced by the supplier in the period 2010 to 2015.

Data verification

The accuracy and completeness of the 2019 calendar year data presented in this Report for performance indicators on Carbon, Energy Efficiency, Water Efficiency, Operational & Commercial Waste Management, Air Quality and Noise were verified by Ricardo Energy & Environment. The data indicators that have been verified by Ricardo Energy & Environment are marked ●● in the performance tables.

The indicators for verification were selected by Gatwick Airport Limited (GAL). Ricardo Energy & Environment's verification statement is included at the end of this report.

	2010	2015	2018	2019	Data Source	
Materials waste management ⁴						
Total operational & commercial waste collected (tonnes)	9,685	10,494	13,722	13,493	GAL	●●
● Operational & commercial waste recycled / reused (%)	41%	49%	64%	70.87%	GAL	●●
Operational & commercial waste recovered for energy (%)	–	46.6%	36%	29.13%	GAL	●●
● Operational & commercial untreated waste sent to landfill (%)	–	4.3%	0%	0%	GAL	●●
Operational & commercial waste per passenger (kg)	0.31	0.26	0.30	0.29	GAL	●●

⁴ From May 2016, when DHL assumed GAL's waste contract, goods pallets have been included in reuse data rather than in recycling data as previously. Previously, only pallets sent for recycling were tracked.

Air quality						
Air quality - Nitrogen Dioxide, NO ₂ annual average at on-Airfield site LGW3 (µgm ⁻³)	37	28	30	29	Ricardo	●●
Air quality - PM ₁₀ (VCM corrected) annual average at on-Airfield site LGW3 (µgm ⁻³)	22	22	17	14	Ricardo	●●
Air quality - PM _{2.5} (VCM corrected) annual average at on-Airfield site LGW3 (µgm ⁻³)	–	–	–	9	Ricardo	●●

Noise ⁵						
Percentage of aircraft movements in Chapter 4 (or equivalent), or a higher Chapter (%)	98%	99.7%	97.86% ⁶	98.07% ⁶	GAL	●●
Percentage of aircraft movements in Chapter 14 (%)	–	–	56%	62%	GAL	●●
Noise - track keeping (%)	97%	99.71%	98.08%	98.42%	GAL	●●
Noise - total noise infringements	0	0	0	1	GAL	●●
Noise - daytime noise infringements	0	0	0	1	GAL	●●
Noise - night-time noise infringements	0	0	0	0	GAL	●●
Continuous Descent Operations (CDO) compliance (%)	89.7%	89.75%	90.74%	89.58%	GAL	●●

⁵ ICAO's Noise standards for aircraft were introduced in 2001 (Chapter 4) and 2013 (Chapter 14). Aircraft that meet the Chapter 14 will automatically meet the Chapter 4 standard. Chapter 14 is a new KPI from 2017. Data reported for 2017 was 1 April 2017-30 March 2018. Data reported for 2018 and 2019 is 1 January-31 December.

⁶ Does not include unmodified A320 aircraft (1.5% of aircraft in 2018 and 0.73% in 2019).

Public transport use						
● Passenger public transport use (%) (combined rail, bus/coach use)	40.4%	43.6%	44%	47%	CAA	

New KPIs from 2015	2015	2018	2019	Data Source
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Construction waste management				
Diversion from landfill (%)	93%	94%	95%	GAL

Biodiversity				
Annual conservation actions completed (%)	88.2%	94%	87.6%	GAL
Annual conservation actions deferred to following year (%)	11.8%	6%	12.4%	GAL
Surveys completed (total number of different surveys)	19	22	26	GAL
Onsite volunteering days undertaken (total number) by airport employees, community members and schools.	44	43	40	Gatwick Greenspace
Onsite education days undertaken (total number) by airport employees, community members and schools.	–	31	29	Gatwick Greenspace

Local Economy and Community performance indicators

New KPIs from 2015	2015	2018	2019	Source
Local economy				
Annual spend with local and regional suppliers (East & West Sussex, Surrey & Kent postcodes)	£71.4m	£128.1m ⁷	£100m	GAL
Meet the Buyers - number of buyers attending	45 managers from 23 buying organisations	36 managers from 18 buying organisations	50 buyers ⁸ attended from 30 buying organisations	GAL
Meet the Buyers – number of suppliers attending	104 delegates from 79 companies	90 supplier companies ⁹	38 local food and beverage producers ⁸	GAL
Total employed at Gatwick Airport – full site ¹⁰	21,000	24,000	24,000	GAL
GAL employees	2,704	3,189	3,217	GAL
% GAL employees from local area (RH postcodes)	56%	56.8%	57.4%	GAL
Number of GAL graduates and apprentices	20	26	26	GAL

⁷ 2015 data was Invoice Total; since 2016 data is Purchase Order Value (committed to spend).

⁸ In 2019, Gatwick did not run the general Meet the Buyer programme as we are reviewing the delivery model. 2019 data refers to Meet the Local Producer event (Food and Beverage) held as a pilot in October 2019.

⁹ In 2016, data changed from number of delegates to number of suppliers.

¹⁰ Data from periodic Airport Employer surveys.

Community				
Sponsorships: number of community events supported by Gatwick (includes non-profit, charitable and business events)	32	52	56	GAL
Nominated charity partners – fundraising total				
Cancer Research UK	£32,027	£4,702.69 ¹¹	n/a	CR UK
Air Ambulance Kent Surrey Sussex ¹²	n/a	£40,405.92	£57,617.78	AAKSS
Chestnut Tree House	£42,004	n/a	n/a	CTH
St Catherine's Hospice	n/a	£70,756.58	£61,077.33	SCH
TravelCare	£23,315.50	£55,102.61	£62,937.20 ¹³	TravelCare
In-terminal passenger donations (paid in calendar year)	£49,600	£85,545.04	£86,865.61	GAL
Employee fund-raising and GAL match-funding for charities of employees' own choice				
GAL match-funding	£17,528	£29,024	£20,213	GAL
Gatwick Pay as You Earn	£11,218	£18,488	£22,343	GAL

¹¹ January to March 2018.

¹² Since April 2018.

¹³ Includes £25,000 grant from Gatwick Airport Limited.

Gatwick's contribution to the independent Gatwick Airport Community Trust	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
	£170,000	£176,000	£182,000	£188,000	£194,000	£200,000	£206,000	£212,000	£218,000	£224,000

Current accreditations and 2019 awards



WINNER

WINNER

WINNER

WINNER

WINNER

Best Environmental Initiative
(Circular economy ethos)

Excellence in Transport Accessibility

Accessible Airport Award

Corporate Volunteer of the Year

Community Award
(Poppy Appeal Team)

Airport Operators Association

London Transport Awards

Airports Council International Europe

St Catherine's Hospice Crawley

Royal British Legion West Sussex

Environmental data boundaries

Carbon: Our Decade of Change target covers direct emissions (GHG Protocol Scope 1 and 2), i.e. emissions from GAL fuel and energy use. Indirect emissions, including airport third parties' use of fuel and energy, travel by passengers and airport staff to the airport, and GAL business travel, are reported in Scope 3.

Energy consumption: Our Decade of Change target covers energy consumption by GAL and third parties that are supplied and invoiced from GAL electricity and gas networks; and renewable energy generated and consumed on site. This consumption includes most but not all large energy users (e.g. the Hilton Hotel is not included). This boundary facilitates airport-wide focus on energy efficiency. The GAL and third party breakdowns are reported in the Energy pages of our report.

Renewable energy: Our Decade of Change target covers the percentage of total energy consumption (as defined in the Energy target boundary above) that is purchased from certified renewable sources or generated onsite.

Water consumption: Our Decade of Change target covers water consumption by GAL and third parties that are supplied from GAL owned water networks. This includes all water used within the Gatwick Airport site boundary for terminals, piers, offices, car parks, airfield and most but not all third party facilities. Rain water harvested on site is not included.

Operational & commercial waste:

Our Decade of Change target covers operational and commercial waste for all facilities within the Gatwick Airport site boundary including offices, terminals, car parks, piers, airfield and some third parties where the waste management of these facilities/companies is handled by GAL waste management contractor. Excluded facilities include construction projects within the Gatwick Airport boundary and some commercial arrangements with third parties operating on the airport estate.

Construction waste: Data for construction waste diversion from landfill is provided by contractors as part of contractual requirements.



Assurance Statement 2019

Decade of Change Performance Indicators and Carbon Footprint

Ricardo Energy & Environment has been working with Gatwick Airport Limited (GAL) in 2020 to independently assure the Airport's Carbon Footprint for 2019 and Decade of Change 2019 Performance Report. This statement summarises the outcome of the review. The intended users of this statement are the readers of the Decade of Change Performance Report.

RESPONSIBILITIES

The information and presentation of data within the Decade of Change 2019 Performance Report are the responsibility of GAL. This statement is the responsibility of Ricardo and represents our independent opinion and is written to be read in its entirety by readers of the GAL Decade of Change 2019 Performance Report. Ricardo Energy & Environment accepts no liability whatsoever to any third party for any loss or damage arising from any interpretation or reliance upon this assessment.

ASSURANCE PERIOD

The assurance review of GAL's carbon footprint and Decade of Change performance report has been carried out for the year 2019 covering the period from January 1st until December 31st.

LEVEL AND SCOPE OF ASSURANCE

Ricardo has carried out an assurance review, which included the review of a 5% sample of the primary data on which the carbon footprint is based. Ricardo's scope of work included the assurance of the accuracy and completeness of data presented in the carbon footprint and the Decade of Change report in relation to the Key Performance Indicators (KPIs) listed below, for the calendar year 2019. These were selected by GAL.

DECADE OF CHANGE KEY PERFORMANCE INDICATORS

- Carbon emissions scope 1, 2 and 3 (tCO₂eq)
- Carbon emissions % change on 1990 baseline
- Total scope 1 & 2 per passenger (kgCO₂eq)
- Total energy consumption (kWh)
- Electricity - consumption (kWh)
- Gas - consumption (kWh)
- Consumption % change on 1990 baseline
- Total energy consumption per passenger (kWh)
- Renewable energy generated onsite (kWh)
- % of total energy from renewable sources
- Water - consumption (m³)
- Water consumption % change on 2010 baseline
- Water consumption per passenger (litres)
- Total operational & commercial waste collected (tonnes)
- Operational & commercial waste recycled/reused (%)
- Operational & commercial waste recovered (%)
- Operational & commercial untreated waste sent to landfill (%)
- Operational & commercial waste per passenger (kg)

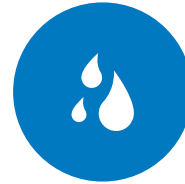
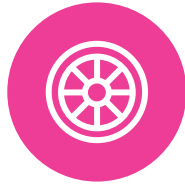
- Air Quality - Nitrogen Dioxide, NO₂ annual average at on-Airfield site LGW3 (µgm⁻³)
- Air Quality - PM₁₀ (VCM corrected) annual average at on-Airfield site LGW3 (µgm⁻³)
- Percentage of Chapter 4 (or equivalent) aircraft, or a higher chapter (%)
- Percentage of Chapter 14 aircraft (%) (new KPI)
- Noise - track keeping (%)
- Noise - total noise infringements
- Noise - daytime noise infringements
- Noise - night-time noise infringements
- Continuous Descent Operations (CDO) compliance (%)

CARBON FOOTPRINT COMPONENTS

Scope 1: Gas, Diesel, Gas Oil, Unleaded petrol, LPG and Propane; Fire training; Refrigerant gases

Scope 2: Electricity; Solar

Scope 3: Transmission & Distribution (T&D) losses- GAL; Gas - third party consumption; Fuel - third party consumption; Electricity consumption - third party; Electricity – third party T&D losses; Water consumption and treatment; Waste; Passenger Surface Access; Staff Commuting; GAL Business Travel; Aircraft landing and take-off (LTO), and Aircraft Engine Testing.



METHODOLOGY

In undertaking the assurance exercise, Ricardo Energy & Environment has reviewed GAL's carbon footprint data and KPI collection and calculation methodologies against the requirements of the ISO 14064-3 (Specification with guidance for the validation and verification of greenhouse gas assertions) and the GHG Protocol Corporate Standard.

A material error is defined in the assurance plan as a 5% error in an emissions source.

RICARDO ENERGY & ENVIRONMENT'S OPINION

Based on the review of the 2019 carbon footprint and Decade of Change key performance indicators, Ricardo Energy & Environment is able to provide the following opinions:

- GAL continues to make good progress in calculating its carbon footprints and KPIs, and has set up credible processes for collating data and calculating emissions and indicators. It should therefore be commended for the efforts that it has made.
- The data sources used to calculate the footprint and KPIs are robust and, in instances where future improvements can be made, it is clear that GAL will work towards these as part of the on-going improvement of its processes.
- In accordance with the points above, we can make the following final opinion¹:

Based on the process and procedures conducted, the 2019 KPI and GHG assertions have been found to be:

- materially correct and a fair representation of GAL data and information, and
- prepared in accordance with the ISO 14064-1 and the GHG Protocol Corporate Standard.

GAL should keep up this good effort and Ricardo Energy & Environment recommends that GAL undertakes a similar carbon footprint assurance, for its 2020 footprint, in 12 months' time.

INDEPENDENCE AND COMPETENCE

Ricardo Energy & Environment is one of the world's leading energy and climate change consultancies. The team performing the verification has the appropriate experience and competency to do so and other than providing verification of the GAL ACA verification Report, are not working for GAL in any other capacity. Ricardo has a Quality Management System (QMS) which is certified to BS EN ISO9001.

VALIDITY OF STATEMENT

This statement is valid for the Decade of Change performance indicators and carbon footprint assurance review, for the periods from 1st January to 31st December 2019.

Ricardo Energy & Environment
April 2020



Ricardo
Energy & Environment

¹Note this is standard text for a limited assurance against ISO 14064-3.

Progress on our 2020 goals



COMMUNITY



ECONOMY

2020 goal		Demonstrate we are a trusted and valued neighbour	Fulfil our role as an economic driver of local, regional and national significance
Performance by 2019	2019 Air Traffic Movements: 284,736 2019 Passengers: 46,568,000	75% of people in our communities say they are proud of Gatwick* Residents also want us to prioritise actions on noise, emissions and communication* £1 million from Gatwick Foundation Fund has helped more than 100,000 local people since 2016 £1.97 million contributed to Gatwick Airport Community Trust since 2010	£2.7 billion contribution to regional GDP and £7.2 billion boost to UK trade 24,000 airport jobs supporting a further 71,000 jobs in the region £100 million spend with Gatwick Diamond companies
Goal baseline if applicable; or 2010 performance	2010 Air Traffic Movements: 240,462 2010 Passengers: 31,353,547	£170,000 contributed to Gatwick Airport Community Trust (2010)	£2.3 billion contribution to the national economy 23,000 airport jobs supporting 13,000 non-airport jobs £39 million spend with Gatwick Diamond companies



SURFACE ACCESS



ENERGY

2020 goal		40% public transport mode share at 40 million passengers per annum; and 45% stretch target	20% reduction by 2020 in Airport electricity and gas use, against 1990 baseline 4 kWh per passenger benchmark
Performance by 2019	2019 Air Traffic Movements: 284,736 2019 Passengers: 46,568,000	47% Passengers 43% Airport staff	11% under 1990 baseline 211,906,999 kWh 4.55 kWh per passenger
Goal baseline if applicable; or 2010 performance	2010 Air Traffic Movements: 240,462 2010 Passengers: 31,353,547	40% of passengers using public transport (2010)	240,000,000 kWh (1990 baseline) 7.59 kWh per passenger

*Independent assessment of community opinion in postcodes KT, CR, RH, BN, TN undertaken for GAL by Pepper Media in July-August 2019.



NOISE



AIR QUALITY



CARBON

Reduce the impact of operational noise	Improve air quality impacts using new technology, processes and systems	Reduce direct carbon emissions by 50% (scope 1 & 2 emissions against 1990 baseline)
98% Track-keeping conformance 90% Continuous Descent Approach compliance 62% of aircraft meet the highest ICAO noise standard (CAEP Chapter 14, applicable to new aircraft from 2017)	Annual mean readings at Gatwick LGW3: NO ₂ : 29 (µg/m ³) PM ₁₀ : 14 (µg/m ³) 30% of aircraft meet the highest ICAO standard for engine NOx (CAEP Chapter 8, applicable to new engines from 2014); and a further 64% meet CAEP Chapter 6	Scope 1 & 2 emissions 37,666 tCO ₂ e 54% ↓ under 1990 baseline Scope 3 emissions 696,628 tCO ₂ e, this includes aircraft landing and take-off cycle, passenger travel to the airport and staff commuting
97% Track-keeping conformance 90% Continuous Descent Approach compliance 98% of aircraft meet ICAO CAEP Chapter 4 noise standard applicable to new aircraft from 2001	Annual mean readings at Gatwick LGW3: NO ₂ : 37 (µg/m ³) PM ₁₀ : 21 (µg/m ³) 55% of aircraft meet ICAO CAEP 6 standard for engine NOx applicable to new engines from 2008	Scope 1 & 2 emissions 82,843.5 tCO ₂ e (1990 baseline) and 95,606 tCO ₂ e (2010) Scope 3 emissions 608,687 tCO ₂ e (2010), this includes aircraft landing and take-off cycle, passenger travel to the airport and staff commuting



WASTE



WATER



BIODIVERSITY

No untreated waste to landfill and 70% reuse/recycling rate by 2020 (Operational and commercial waste)	25% reduction* by 2020 in Airport water use, against 2010 baseline 15 litres per passenger benchmark	Have an award-winning biodiversity approach
71% reused/recycled 13,493 tonnes collected and processed Zero untreated waste to landfill	25.9% ↓ under 2010 baseline 721,336 m ³ 15.5 litres per passenger	Retained Biodiversity Benchmark Award for 6 th consecutive year 75 hectares of airport estate actively managed for biodiversity
41% recycling/reuse (2010)	974,067 m ³ (2010 baseline) 31.07 litres per passenger	75 hectares of airport estate actively managed for biodiversity (2012)

*The original Decade of Change target on water was 20% reduction by 2020; in 2017 this was stretched to 25% by 2020



YOUR LONDON AIRPORT *Gatwick*

Cover photography:

Front: Gatwick Family participating in Clap for Carers, South Terminal, 30 April 2020
Taken by Josh Chalk, Passenger Operations Manager.
Back: Keri Myton, Airport Security Officer and Adam Jones, Head of Passenger Operations and Services.

The publication of this report supports our Decade of Change. We have used Extract CupCycling™ paper for the cover and FSC 100% recycled paper for the pages.

We have used a local design agency and printing firm, Xpress Group, to produce this report.

G.F Smith
Extract
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