

# Progress on our 2020 goals



## COMMUNITY



## ECONOMY



## NOISE



## AIR QUALITY



## CARBON

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

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 <sub>2</sub> : 29 (µg/m <sup>3</sup> )  PM <sub>10</sub> : 14 (µg/m <sup>3</sup> )  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 <sub>2</sub> e  54% ↓ under 1990 baseline  Scope 3 emissions 696,628 tCO <sub>2</sub> 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 <sub>2</sub> : 37 (µg/m <sup>3</sup> ) PM <sub>10</sub> : 21 (µg/m <sup>3</sup> )  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 <sub>2</sub> e (1990 baseline) and 95,606 tCO <sub>2</sub> e (2010)  Scope 3 emissions 608,687 tCO <sub>2</sub> e (2010), this includes aircraft landing and take-off cycle, passenger travel to the airport and staff commuting



## SURFACE ACCESS



## ENERGY



## WASTE



## WATER



## BIODIVERSITY

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

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 <sup>3</sup> 15.5 litres per passenger	Retained Biodiversity Benchmark Award for 6 <sup>th</sup> consecutive year  75 hectares of airport estate actively managed for biodiversity
41% recycling/reuse (2010)	974,067 m <sup>3</sup> (2010 baseline) 31.07 litres per passenger	75 hectares of airport estate actively managed for biodiversity (2012)

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

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