Heathrow: sustainability

leadership

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Heathrow today

80 million

passengers a year



34% of UK exports by value for non-EU exports



full length runways and 4 operational terminals 82
airlines serving
204
destinations in

85 countries

76,000 jobs supported at the airport





routes to other UK airports

Expansion benefits

10,000 total apprenticeships by 2030



Up to 40 new long haul trading routes



2x current cargo capacity for British exporters



Logistics Hubs









Up to **40,000** new local jobs

Noise

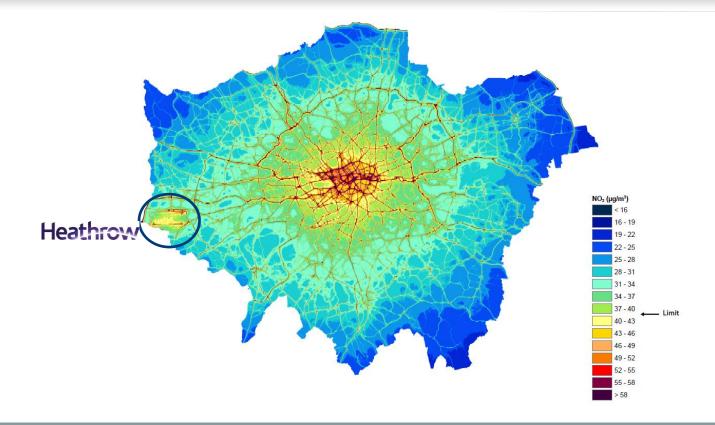


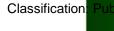


Area affected by noise >55dB
Lden (standard European measure)

2016: c. 684,000 people

Air quality







Climate change





ICAO ENVIRONMENT



ICAO Environmental Symposium 2019

DESTINATION GREEN: THE NEXT CHAPTER

"Heathrow 2.0"





- apprenticeships by
- Reflect local diversity at every level by 2025



number of flights leaving after 2330 on non-disrupted days Airside ultra-low

least halve the

- emissions zone by 2025
- 50% airport passenger journeys made by public and sustainable transport by 2030





- to Heathrow by 2033 Direct supply chain
- colleagues working at Heathrow will be transitioned to be paid the London Living Wage by the end of 2020



- An aspiration to make growth from our new runway carbon neutral
- Establishing the Heathrow Centre of Excellence
- Carbon neutral airport by 2020



Noise

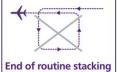
Our goal is to expand Heathrow whilst affecting fewer people with noise than today

Collaboration with airlines and **NATS**

is crucial to delivering a quieter Heathrow

Expansion means...







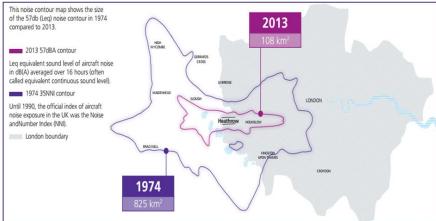






alternated flight paths

Heathrow is quieter now than it was in the 1970s even though we have double the number of air traffic movements



ENVIRONMENT



ICAO Environmental Symposium 2019

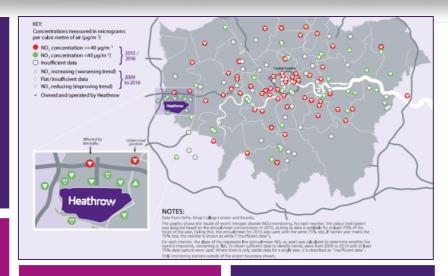
DESTINATION GREEN: THE NEXT CHAPTER

Air quality

Heathrow has made a

16% reduction
in ground based NOx emissions
between 20082013

Vehicles on London's roads are forecasted to be electric by 2030. This will improve London's air quality by reducing the city's average concentration of nitrogen dioxide by as much as 8%.



9 out of 11

air quality monitors near Heathrow are within legal limits The two that breach are next to the M4

Surface transport

70% of the UK
will be
within 3 hours

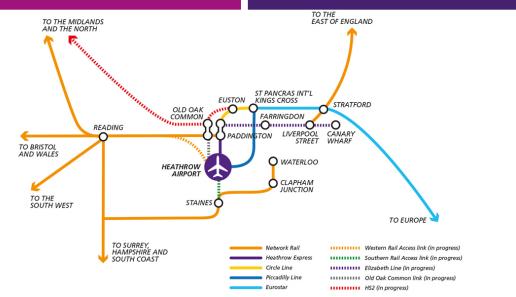
of Heathrow by 2030

We have committed to the NPS target of at least

50%

of passenger journeys to be made by public transport by 2030

28 tphto Heathrow by
early 2020s up from
18 tph today

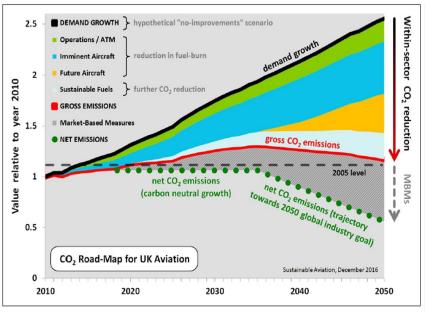


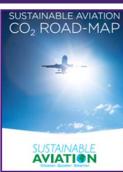


Heathrow is the UK's largest coach and bus interchange

Carbon

We can decouple growth in traffic from growth in emissions, and **further reduce CO2** through carbon trading





ICAO goal of

CNG 2020

through CORSIA

Heathrow goal of

Carbon neutral expansion

Establishing a

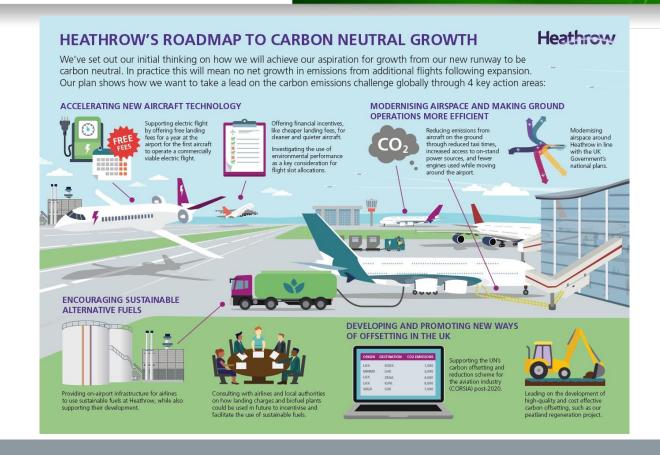
Centre of Excellence

for sustainability in aviation

your.heathrow.com/centreofexcellence



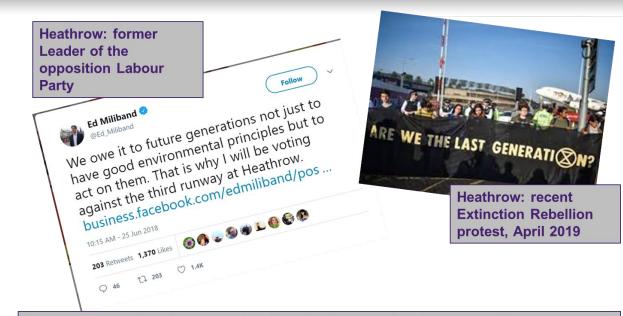
Using our scale & influence to drive change



"You fly, you protect": peatland & natural climate solutions



A UK/ European perspective accelerating debate on climate: politically....



A study in changing Government policy: the last two decades in the UK:

- 2003 Government White Paper proposes three new runways nationally
- 2015 Airports Commission: case for more than one new runway not clear, partly because of carbon
- 2019 Committee on Climate Change report: aviation demand management may be needed to reach a net-zero carbon target for the economy by 2050

Classification

An accelerating debate on climate: publicly....



A word meaning "the shame of flying" now exists in Swedish, Danish, Dutch, German

An accelerating debate on climate: investors



- 500 signatories
- Assets of nearly \$100 trillion



