

Institute of Air Quality Management
Committee meeting

10 September 2009 1.30pm

Will air pollution bring Heathrow expansion to a halt?

Cait Weston
Aviation Environment Federation



The Aviation Environment Federation...

Formed in 1975 to provide national representation for local people affected by aircraft noise

In addition to noise, now works on third party risk, biodiversity, air pollution and climate change

International
UN International Civil Aviation Organisation

Local
Support airport consultative committees
Casework for members

AEF's work

European
ECAC and working groups
EC aircraft noise working group
Consultations and lobbying

National
Parliamentary Group
DfT external advisory group
NATS stakeholder council
CAA's air traffic committee
Omega steering group
Sustainable Aviation panel

Our funding...

... is a constant challenge!

Membership

Consultancy

Charitable trusts

Airports and air pollution

Has been on the agenda in relation to airports since the 1970s

International aircraft standards

- (i) Tend to follow technology rather than driving it
- (ii) Focus on air pollution as a ratio of thrust

Voluntary European target: 80% by 2020

1996 Air Quality Framework Directive

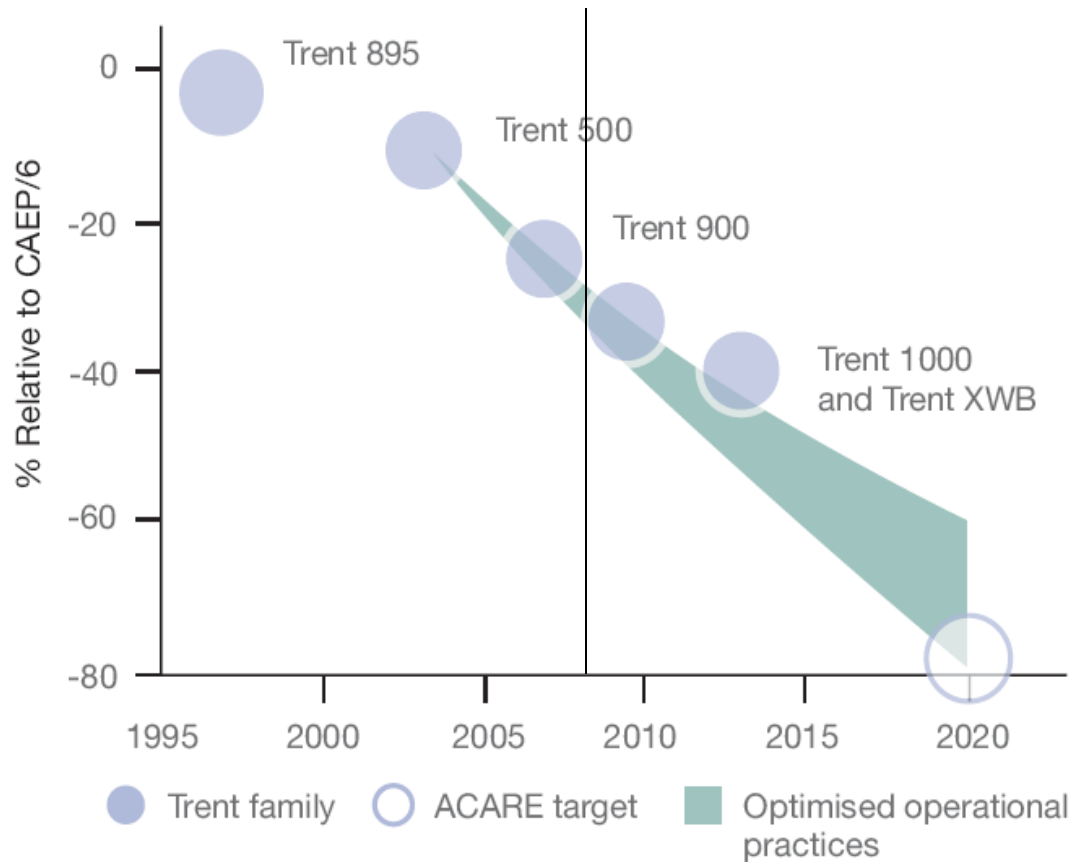
1997 first UK air quality strategy

How are we doing?

ACARE goal

- tensions between CO₂ and NO_x
- improvements levelling off?

Figure 14. Progress towards the ACARE NOx target.
Source: Rolls-Royce.



***Sustainable
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**Progress
towards the
ACARE NOx
target for
aircraft
engines**

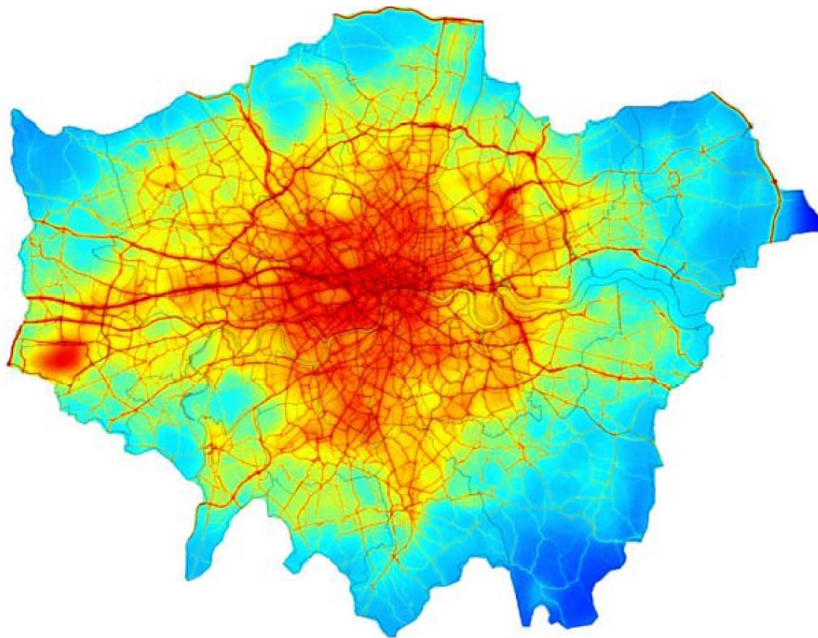
How are we doing?

ACARE goal

- tensions between CO₂ and NO_x
- trend of progress?

European limits have more teeth (in theory)

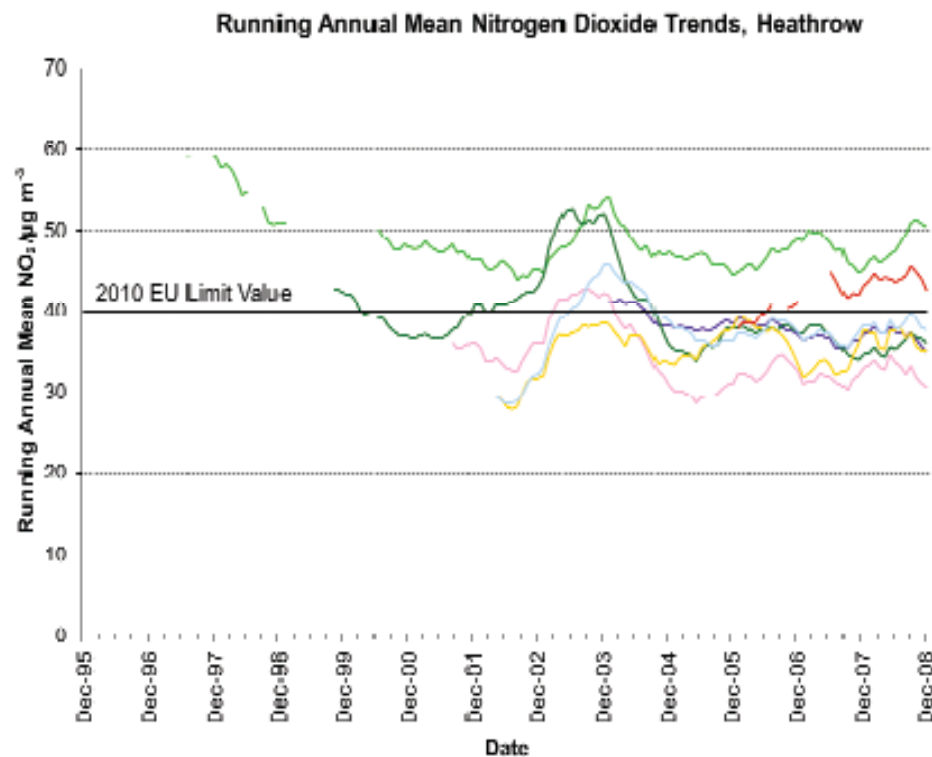
Heathrow: the problem



*The Mayor's Air
Quality Strategy
Progress Report,
2007*

**NO₂
concentrations in
microgrammes
per cubic metre in
2003**

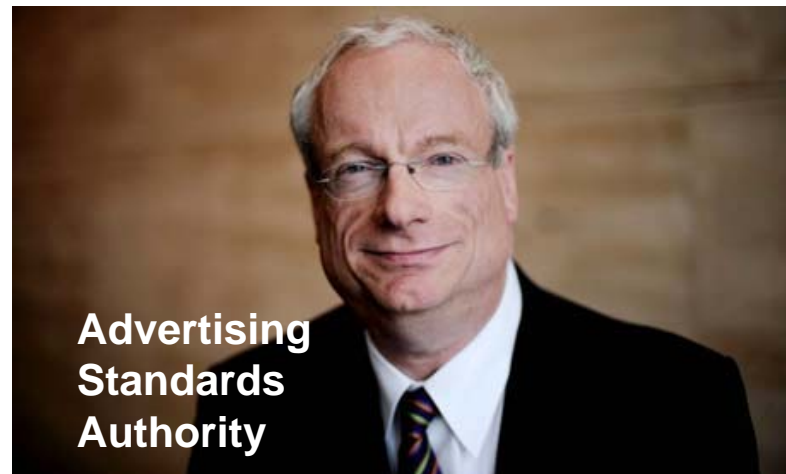
Zooming in on Heathrow



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**Annual mean
 NO_2 at
locations
around
Heathrow
Airport 1995-
2008**

What are people saying?



Runway advert 'misleading', says watchdog

By Peter Woodman

Wednesday, 26 August 2009

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An advert claiming a third runway at Heathrow will not make the airport dirtier or noisier has been ruled "misleading" by the Advertising Standards Authority.

The ASA also decided that it was misleading for the advert to claim that the runway would not go ahead "unless local air quality meets stringent EU standards on concentrations of nitrogen dioxide (NO₂)".

The advert had been placed in regional papers by pro-Heathrow expansion group, Future Heathrow, and was published in the period before the Government's January 2009 decision to approve a third runway at the west London airport.

Thank you!

Cait Weston
cait@aef.org.uk

