

List of abbreviations

$\mu\text{g.m}^{-3}$	micrograms per cubic metre
μm	1 μm = 1 micron = 1 millionth of a metre
ACS	American Cancer Society
A&E	Accident and Emergency
AQ	Air Quality
AQEG	Air Quality Expert Group – an advisory group that provides the UK Government with independent scientific advice on air quality
AQS	Air Quality Strategy for England, Scotland, Wales and Northern Ireland
AURN	Automatic Urban and Rural Network
B[a]P	Benzo[a]pyrene
BAU	Business as usual scenario (based on the measures already in place)
CAFE	Clean Air for Europe programme, which sets out the European Commission's draft strategy on the future of air quality
CBA	Cost benefit analysis
CHA	Cardiovascular hospital admissions
CO	Carbon monoxide
CO₂	Carbon dioxide
COMEAP	UK Department of Health's Committee on the Medical Effects of Air Pollutants
COPD	Chronic obstructive pulmonary disease
DB[a,l]P	Dibenzo[a,l]pyrene
Defra	Department for Environment, Food and Rural Affairs
DETR	The former Department of the Environment, Transport and the Regions
DoE	The former Department of the Environment
DTI	Department of Trade and Industry
DPF	Diesel Particulate Filter
EAHEAP	UK Department of Health's ad-hoc working group on the Economic Appraisal of the Health Effects of Air Pollution

EPAQS	Expert Panel on Air Quality Standards – an advisory group that provides the UK Government with independent scientific advice on air quality, in particular the levels of pollution at which no or minimal health effects are likely to occur.
EQ5D	EuroQol 5 Dimensions, a measure of health-related quality of life
Euro(I-VI)	European Commission emission standards legislation, relating to Euro standards I to VI for HGVs
Euro(1-6)	European Commission emission standards legislation, relating to Euro standards 1 to 6 for LDVs
FBC	Fuel Borne Catalyst
GIS	Geographic Information System based modelling
GP	General Practitioner
HDV	Heavy Duty Vehicle (including articulated and rigid heavy goods vehicles)
HEI	Health Effects Institute – an independent organisation, based in the US, providing advice on the health effects of air pollution
HGV	Heavy Goods Vehicle
HICP	Harmonised Index of Consumer Prices
HMT	Her Majesty's Treasury
IGCB	Interdepartmental Group on Costs and Benefits
IMO	International Maritime Organisation
IOM	Institute of Occupational Medicine
LCP	Large Combustion Plant
LCPD	Large Combustion Plant Directive
LDV	Light Duty Vehicle (including cars and light goods vehicles)
LEV	Low Emission Vehicle
LEZ	Low Emission Zone
LGV	Light Goods Vehicle (such as commercial vans)
MAAPE	UK Department of Health's Advisory Group on the Medical Aspects of Air Pollution Episodes
NAEI	National Atmospheric Emissions Inventory

NECD	National Emission Ceilings Directive, which sets national emission ceilings for four pollutants (SO ₂ , NO _x , VOCs and ammonia)
NH₃	Ammonia
NH_x	Reduced nitrogen compounds (i.e. ammonia (NH ₃) and ammonium (NH ₄ ⁺))
NO	Nitric oxide
NO₂	Nitrogen dioxide
NO_x	Oxides of nitrogen
NPV	Net Present Value
O₃	Ozone
ONS	Office for National Statistics
PAHs	Polycyclic Aromatic Hydrocarbons
PEC	Particulate Elemental Carbon
PM	Particulate matter
PM₁₀	Particulate matter less than 10µm aerodynamic diameter
PM_{2.5}	Particulate matter less than 2.5µm aerodynamic diameter
ppb	Parts per billion
PPC	Pollution Prevention and Control Regulations 2000
PPP GNI	Purchasing Power Parity, Gross National Income
Pre-Euro	Vehicles made before the introduction of European legislation on emission limits for new vehicles was introduced
PVR II	Petrol Vapour Recovery Stage II controls
QUARG	Quality of Urban Air Review Group
QUARK	UK Department of Health's sub-group on the Quantification of the Effects of Air Pollution on Health in the United Kingdom
QWB	Quality of Well Being
RHA	Respiratory hospital admissions
RPC	Reduced Pollution Certificate
SCP	Small Combustion Plant

SCPD	Small Combustion Plant Directive
SCR	Selective Catalytic Reduction
SO₂	Sulphur dioxide
SO_x	Oxidised sulphur compounds
UEP12	Department of Trade and Industry's Updated Energy Projections
UNECE	United Nations Economic Commission for Europe
VOCs	Volatile Organic Compounds
VOLY	Mortality impacts based upon a 'value of life year' approach
VOSL	Mortality impacts based upon a 'value of statistical life' approach
VPF	Value of a Prevented Fatality
WHO	World Health Organisation
WTP	Willingness to Pay

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