Chiesi

Do you know how

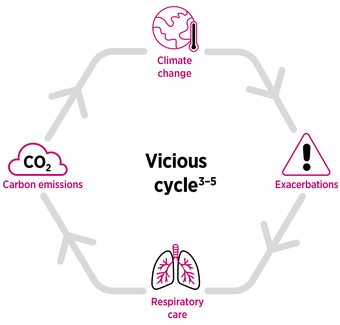
uncontrolled respiratory disease

affects the **NHS** and the **planet?**



Climate change is the biggest healthcare threat of this century[1,2]

Extreme temperatures and allergens caused by climate change can **trigger or worsen respiratory conditions**[3,4]





Respiratory care is part of the problem[5–7]

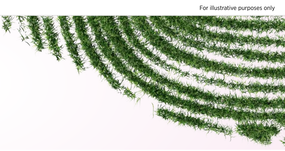
~4.7 Megatonnes of carbon emissions come from the NHS[6]



20% are from inhalers and anaesthetic gases[6]

For illustrative purposes only

70% of all UK inhaler emissions are caused by SABAs[7]



And the impact beyond inhalers might surprise you[8–12]

ASTHMA

Poorly controlled asthma = **~8 times more emissions** per person/year than in patients who are well controlled[8]

Asthma results in **~41,000 annual hospital admissions**[9*]

£6bn estimated UK cost in 2023[10]

Every healthcare intervention contributes to NHS emissions[11]

~75,000kg/CO_2 for every thousand ambulance responses[11]

~125,000kg/CO_2 for every thousand hospital beds used[11]

COPD

Poorly controlled COPD = **~7 times more emissions** per person/year than in patients who are well controlled[12]

COPD results in **~121,000 annual hospital admissions**[9*]

£9bn estimated UK cost in 2023[10]

Finding the right device for the right patient can help

Improve patients' quality of life through disease control[3–15]

Improve NHS efficiency by using fewer resources[16]

Improve sustainability by helping meet the NHS 2045 net-zero carbon emissions target[13,17]



We believe sustainable respiratory care

starts with individualised choice and flexibility

Find out where we stand on sustainable respiratory care

July 2026; UK-RES-2600906

*applies to England

COPD: chronic obstructive pulmonary disease; **CO_2:** carbon dioxide; **SABA:** short-acting beta-2 agonist.

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