

Chris Thompson
Director, Net Zero Strategy
Department for Business, Energy and Industrial Strategy

Sent by email

Date 21 June 2022
Ref Inclusion of Nitrogen Trifluoride (NF₃) as a targeted greenhouse gas

Dear Chris,

Thank you for your letter dated 23rd May. You raised the Government's plans to include nitrogen trifluoride (NF₃) within the basket of greenhouse gases covered by carbon budgets and the Net Zero target, set out under section 24(1) of the Climate Change Act.

This move to include NF₃ within the basket of gases is in line with the standard international reporting practice that has been in place for some years now. We therefore support its inclusion within the targets under the Climate Change Act, to bring the provisions of the Act up to date with best practice internationally.

As you set out, while NF₃ is a potent greenhouse gas, the very low volume of emissions means that it makes a relatively very small contribution to the UK's overall emissions (<0.01 MtCO₂e annually, compared to overall UK emissions of over 400 MtCO₂e/year). Its inclusion in carbon budgets does not make any meaningful difference to the challenge of meeting them and can therefore be undertaken without any changes being required to the levels of the legislated targets.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Chris Stark".

Chris Stark
Chief Executive, Climate Change Committee

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