

Supplementary written evidence from the Department for Energy Security and Net Zero

UK Evidencing of GCP Commitments

The Global Cooling Pledge (GCP) provides a long-term commitment to mitigation of cooling emissions. The pledge is made up of 16 mandatory commitments, most of which we already fulfil through existing or planned policy. The table below summarises the commitments and provides an assessment of which we already meet as well as a timescale for commitment completion.

Ref	Commitment	Lead Department(s)	UK Commitment
M1	<i>Commit</i> to work together with the aim of reducing cooling-related emissions across all sectors by at least 68 percent globally relative to 2022 levels by 2050, consistent with limiting global average temperature rise to 1.5°C and in line with net-zero emissions targets with significant progress and expansion of access to sustainable cooling by 2030. This aim will be advanced through individual countries' domestic actions as consistent with their domestic plans and priorities, and international collaboration;	DESNZ / DEFRA	UK is committed to working internationally and is committed to delivering Net Zero by 2050 which is consistent with the aim of this reduction of emissions from cooling by 68%.
M2	<i>Commit</i> to ratify the Kigali Amendment by 2024 for those countries that have not already done so;	DEFRA - F Gas Team	UK ratified this in 2017.
M3	<i>Commit</i> to support robust action through the Montreal Protocol Multilateral Fund for early action to reduce HFC consumption and to promote improved energy efficiency for the HCFC phase-out and HFC phase-down.	DEFRA - International team	UK already supports this.
M4	<i>Commit</i> to publishing a national cooling action plan, considering cooling when publishing a national action plan, or publishing a regulation or equivalent strategy by 2026 and to reflect relevant efforts in designing nationally determined contributions* under the Paris Agreement and HFC phase-down plans. <small>* as far as individual signatories of this pledge will prepare an NDC and not operate under an umbrella NDC.</small>	DESNZ with input from others xHMG	DESNZ to lead the development of a UK cooling outlook document with input from all relevant departments.
M5	<i>Commit</i> to establish national model building energy codes that incorporate market appropriate passive cooling measures and energy efficiency strategies by 2030 for new and refurbished buildings as appropriate for those countries with jurisdiction of national building codes, or for those countries that do not have jurisdiction, support adoption of building energy codes at the sub-national	DLUHC	UK has already incorporated this in Building Regulations with Approved Document O from July 2022.

	level.		
M6	<i>Commit</i> to work together to support increased market penetration of highly-efficient air conditioning equipment and innovative technologies, to collectively increase the global average efficiency rating of new air conditioning equipment sold by 50% by 2030 from global 2022 installed baseline.	DESNZ / DLUHC	UK committed to this at COP26 and are working towards this.
M7	<i>Commit</i> to establish Minimum Energy Performance Standards (MEPS) by 2030 and aim to routinely raise ambition and progress consistent with respective national laws with a view to achieve net-zero emissions by 2050 and noting best available technology and available model regulation guidelines.	DESNZ	UK committed to this at COP26 and are working towards this.
M8	<i>Commit</i> to establish or update public procurement policies and guidance for low-GWP and high efficiency cooling technologies and innovative solutions where feasible or ensure broader arrangements are in place to drive such approaches in public procurement by 2030.	DESNZ / DEFRA	The UK meets this commitment through broader means with the F-Gas Regulations and MEPS which are applicable to all public procurement.
M9	<i>Commit</i> to support collaborative research, innovation, and deployment activities at the local and international level such as renewable energy-based cooling solutions in rural, remote, off-grid locations or research and development of cooling systems applying refrigerants with GWP less than 150;	FCDO, DEFRA, DESNZ	The UK already supports international research and innovation through IEA TCPs (Technology Collaboration Platforms) and Mission Innovation.
M10	<i>Commit</i> to support existing international cooling emission reduction and cooling access initiatives, such as those of the United Nations Environment Programme-led Cool Coalition, to advance global cooperation and domestic actions.	DEFRA, FCDO, DESNZ, DESNZ	UK is already a formal partner of the Cool Coalition.
M11	<i>Commit</i> to pursue the life cycle management of fluorocarbons in particular addressing HFCs banks, if feasible, such as through the Initiative on Fluorocarbons Life Cycle Management;	DEFRA	The F-gas Regulation 2014 contains provisions on leakage avoidance and mitigation (Article 3) and end-of-life recovery for the purpose of recycling, reclamation or destruction (Article 8).
M12	<i>Commit</i> to review progress towards the target of the Global Cooling Pledge on an annual basis until 2030 and have a dedicated high-level meeting at the UN Climate Change	UK COP Team, xHMG	We will comply with the reporting having already input to the Global Cooling

	Conference;		Stocktake this year.
M13	<i>Commit</i> to maintaining up-to-date, transparent, and publicly available information on our policies and commitments to inform the progress reviews and relevant reports such as the UNEP Global Cooling Stocktake;	DESNZ with input from others xHMG	We plan a cooling page on .gov.uk where all relevant research and policies can be linked to.
M14	<i>Commit</i> to use as appropriate the national action agenda to make further progress towards the ambition of the Global Cooling Pledge and consider new commitments in the GCP on an annual basis until 2030 as appropriate;	xHMG	No specific policy action required to meet this commitment. The National Action Agenda will include suggested high-ambition optional actions that countries can adhere to. The commitment does not commit the UK to any future new commitments that it doesn't agree to.
M15	<i>Call</i> on subnational governments and non-state actors including the private sector, financial institutions, and philanthropies to help support the implementation of the Global Cooling Pledge;	FCDO, DEFRA, DESNZ, DESNZ	The UK meets this through our International Climate Finance portfolio working with MDBs, The MI "Innovation Community for heating and cooling", The Sustainable Cooling and Cold Chain Solutions programme including ACES (African Centre of Excellence in Sustainable Cooling). The Clean Energy Innovation Facility (CEIF) Sustainable Cooling Innovation Fund.
M16	<i>Call on</i> other states and actors to join the Global Cooling Pledge.	xHMG	No specific policy action required to meet this commitment. FCDO to communicate the pledge to Posts, so that our international engagement is aligned and Posts can campaign and push the pledge across their relevant networks and within

		relevant Government Ministries.
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