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The problem: Radiative forcing from long-lived greenhouse gases continues to increase. Are there lessons to be learned from the success of the Montreal Protocol on Substances that Deplete the Ozone Layer that could be applied to Greenhouse gases to slow down and reverse their continued increase?

Consider ozone-depleting

Though most ODSs have lifetimes of decades to centuries, only a few years after the Montreal Protocol was ratified, the summed concentration of ozonedepleting halogen began decreasing.

A parallel situation exists currently for greenhouse

gases. The relative contribution of long- and shorter-lived greenhouse gases to radiative forcing today is fairly similar to the relative contributions of longand shorter-lived ozonedepleting substances to atmospheric halogen in the 1980s (before controls were agreed to in the Montreal Protocol)











