

Responses to MOP-35 Decisions:

XXXV/6: Updated information on very short-lived substances

XXXV/8: Feedstock uses

XXXV/9: Abating emissions of carbon tetrachloride

Scientific Assessment Panel (SAP)

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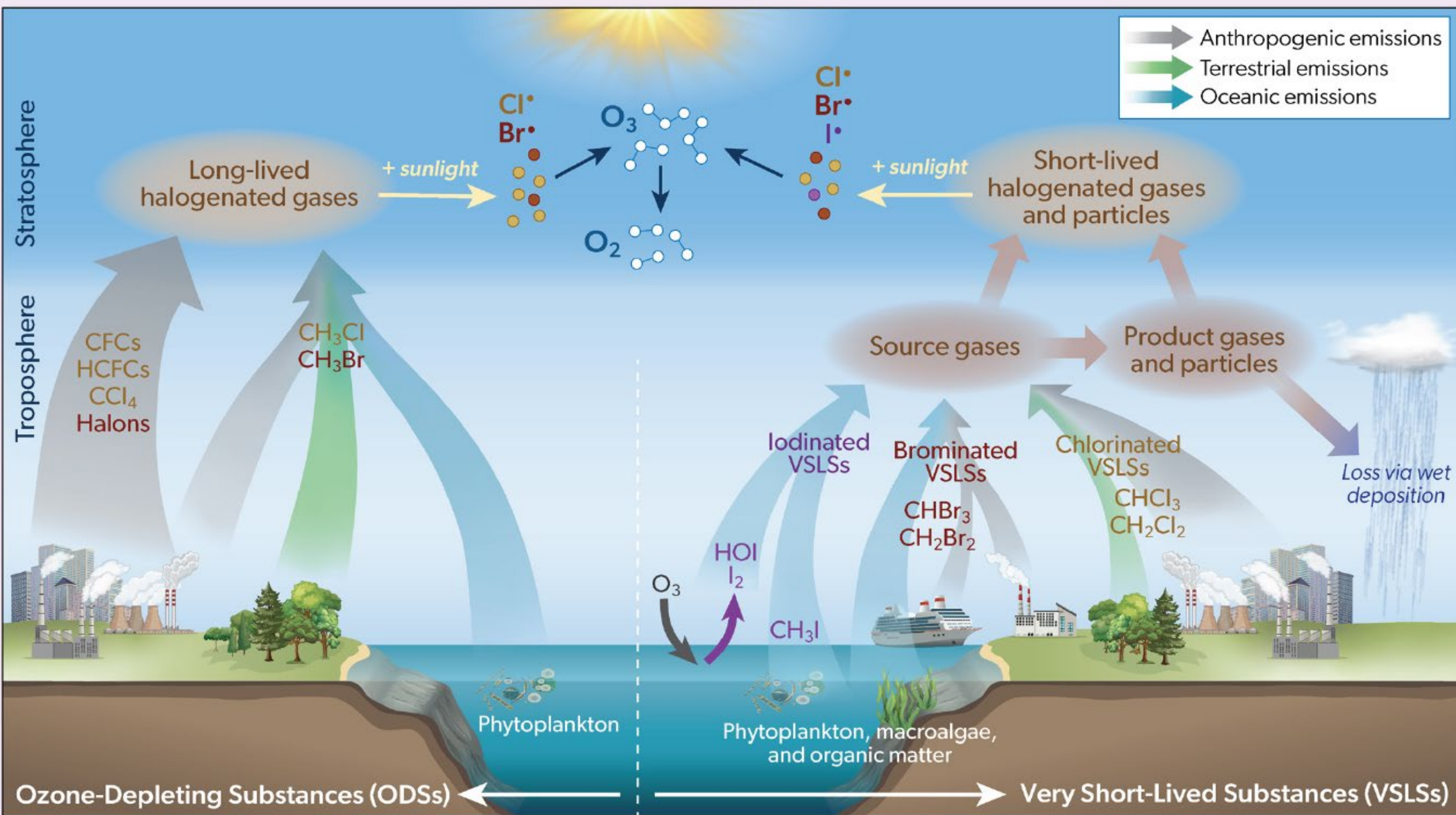
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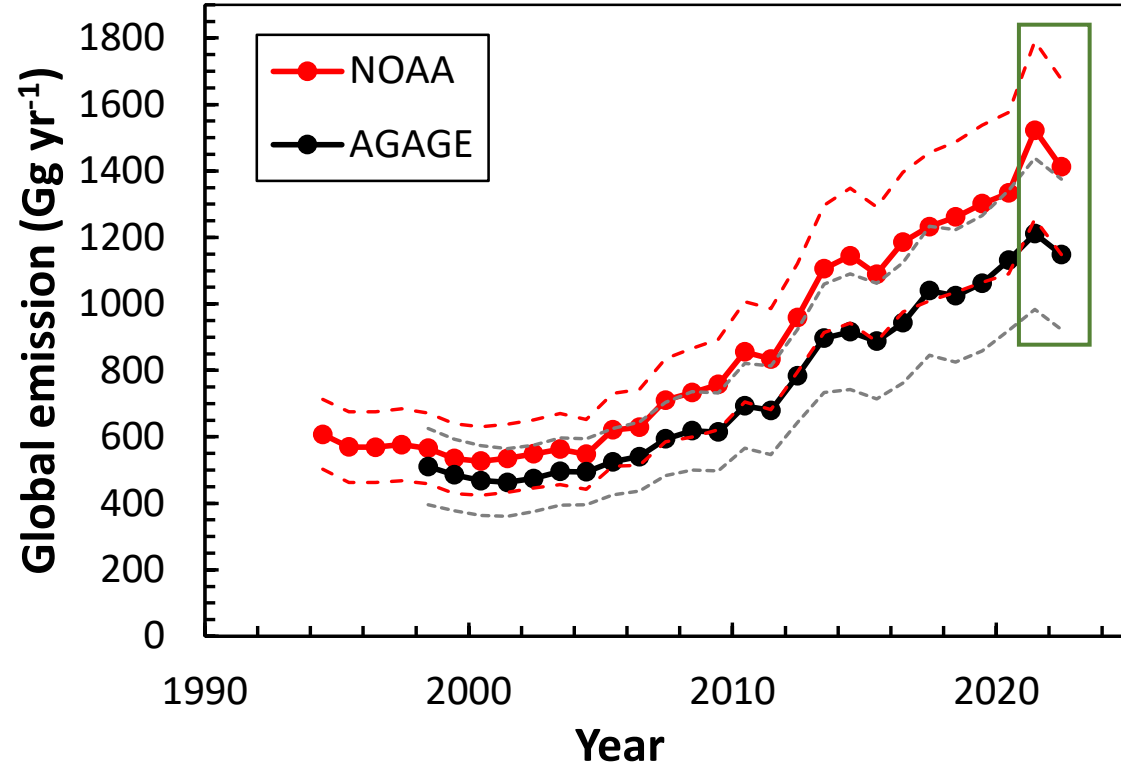
**SAP input to
decisions XXXV/6,
related to VSLs**

From page 45 of TEAP's May 2024 Progress Report:

- ***Existing information on ODPs for VSLs is collated in the Annex to SAP 2022 and remains unchanged.*** The SAP will update the Annex with new information about VSLs ODPs in the 2026 Assessment Report. Studies of ozone depletion due to VSLs evaluate the transport of chlorine through the troposphere and subsequent injection into the stratosphere.

SAP input to decisions XXXV/6 and XXXV/8, related to VSLs and feedstock emissions

Updated DCM (CH₂Cl₂) global emission



DCM (CH₂Cl₂) global emissions from SAP's 2022 Assessment Report are updated with estimates for 2021 and 2022.

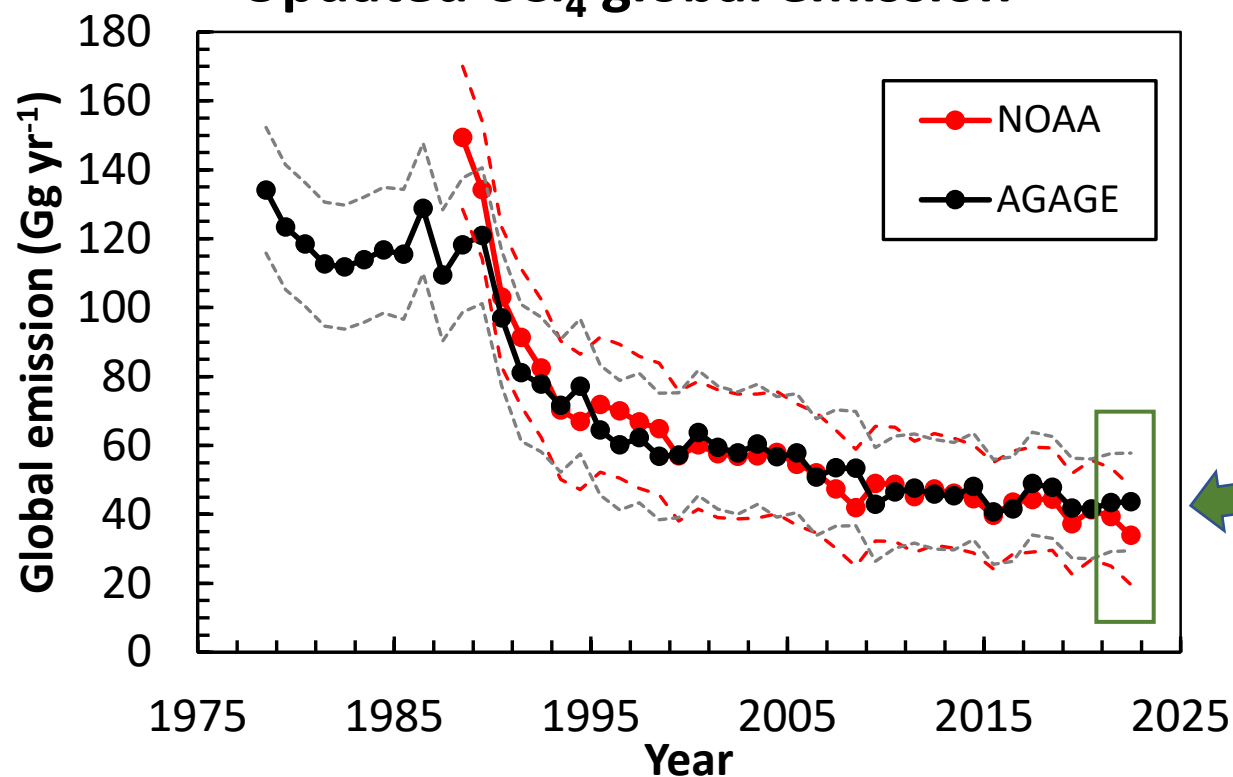
These updated results appear in **Table 5-3** of TEAP's May 2024 Progress Report (V. 1):

Table 5-3 SAP update (March 2024) for mole fractions and emissions of DCM (CH₂Cl₂) from NOAA and AGAGE networks

Network	Annual Mean Mole Fraction (ppt)				Change in ppt* 2020-2022		Annual Global Emissions (Gg year, ktonnes)			
	2019	2020 Revised†	2021†	2022†	ppt	% Annual	2019	2020 Revised†	2021†	2022†
AGAGE	37.1	38.4	41.7	41.2	2.8	3.6	1062 (±204)	1131 (±211)	1211 (±227)	1149 (±226)
NOAA	44.2	45.1	50.1	48.8	3.7	4.0	1301 (±236)	1334 (±243)	1523 (±268)	1412 (±263)

SAP input to decisions XXXV/8 and XXXV/9, related to feedstock emissions and CCl₄

Updated CCl₄ global emission



CCl₄ global emissions from SAP's 2022 Assessment Report are updated with estimates for 2021 and 2022.

These updated results appear in **Table 5-21** of TEAP's May 2024 Progress Report (V. 1):

Table 5-21 SAP update (March 2024) for mole fractions and emissions of CTC (CCl₄) from NOAA and AGAGE networks

Network	Annual Mean Mole Fraction (ppt)					Change in ppt* 2020-2022		Annual Global Emissions (Gg year, ktonnes)				
	2016	2019	2020 Revised†	2021†	2022†	ppt	% Annual	2016	2019	2020 Revised†	2021†	2022†
AGAGE	79.92	77.4	76.4	75.4	74.5	-1.9	-1.0	42 (±15)	41.8 (±14.4)	41.6 (±14.5)	43.4 (±14.2)	43.6 (±14.1)
NOAA	81.31	78.3	77.1	76.1	74.9	-2.2	-1.5	45 (±15)	37.3 (±14.6)	41.3 (±14.4)	39.2 (±14.2)	33.8 ±14.2)