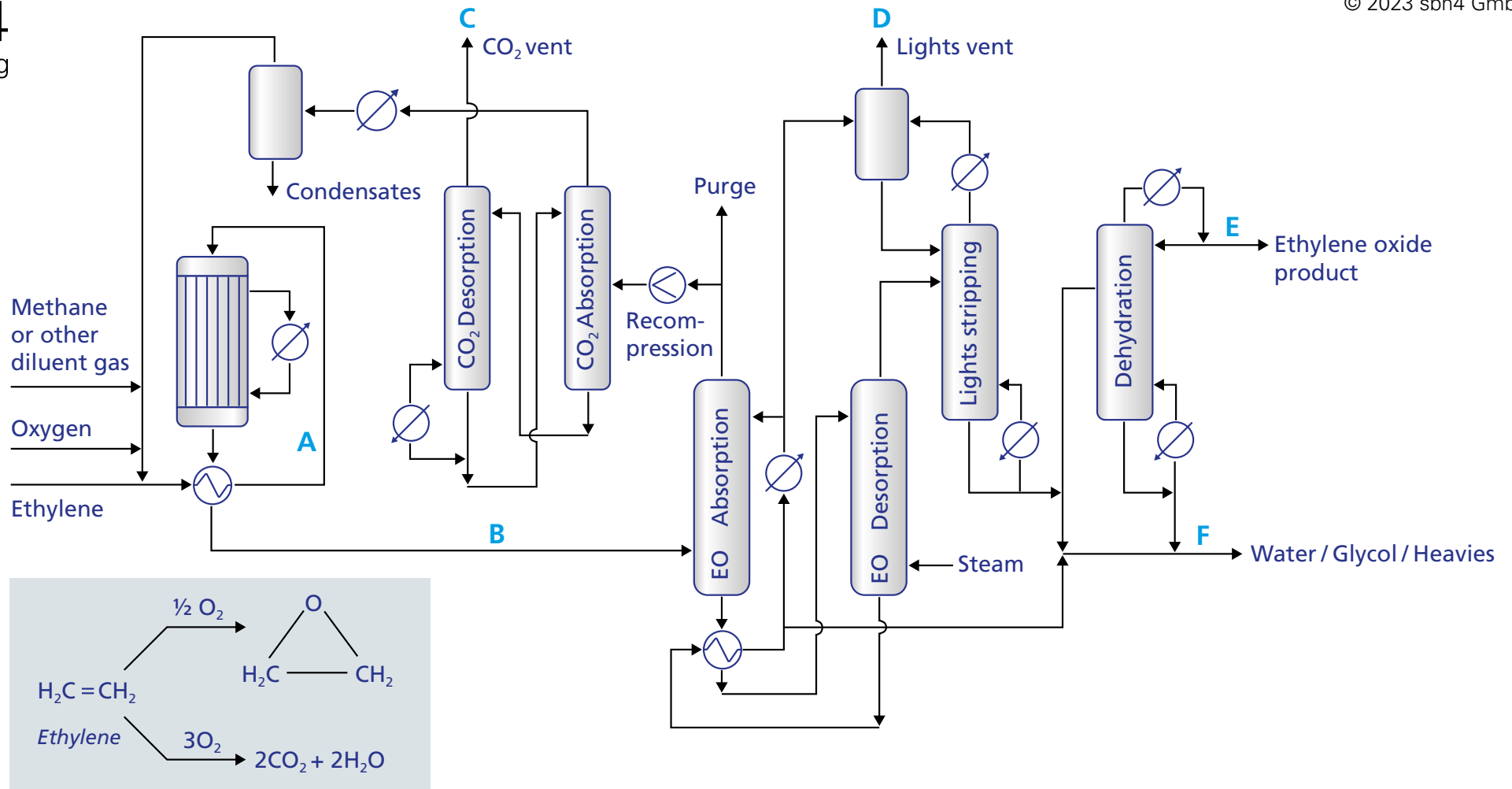


Oxygen-fed Ethylene Oxide Production with Integrated CO₂ Capture



	A: Reactor feed	B: Reactor outlet	C: CO ₂ vent	D: Lights vent	E: EO Product	F: Water
Ethylene	34.6 %	25.4 %	0.4 %	64.6 %		
Ethylene oxide (EO)		2.1 %			99.7 %	5.8 %
Oxygen	23.4 %	3.9 %		0.8 %		
Methane	34.6 %	57.2 %	0.4 %	11.0 %		
Water	4.2 %	3.7 %	1.7 %		0.2 %	94.2 %
Carbon Dioxide (CO ₂)	3.2 %	7.7 %	97.5 %	23.6 %	0.1 %	