Data for Figure 1: Average expert responses of barrier weakening through initial policy design and an implement-then-upscale approach (n=23)

	Average response	Standard deviation
Political will	1.6	1.0
Technological feasibility	0.7	1.2
Economic feasibility	0.7	0.8
Public acceptance	1.1	1.2
Institutional capacity	2.5	1.5
Business resistance	2.9	0.7
Legislative friction	3.4	0.6
Time duration	3.1	1.0
Debate framing	3.0	1.0

Data for Figure 2: Upscaled net emissions trajectory

Compliance year ending in:	Historical emissions from Safeguard-covered facilities (Mt)	Upscaled indicative net emissions decline trajectory to 2030 (Mt)	Upscaled indicative net emissions decline trajectory: 2031 to 2050 (Mt)	Projected BAU emissions for Safeguard-covered facilities (Mt)
2017	133			
2018	141			
2019	147			
2020	146			
2021	137			
2022	138			
2023	139	139.00		139
2024		132.71		139
2025		126.43		141
2026		120.14		143
2027		113.86		147
2028		107.57		146
2029		101.29		147
2030		95.00	95.00	144
2031			90.25	146
2032			85.50	146
2033			80.75	144
2034			76.00	141
2035			71.25	139
2036			66.50	137
2037			61.75	136
2038			57.00	135
2039			52.25	135
2040			47.50	133
2041			42.75	
2042			38.00	
2043			33.25	
2044			28.50	
2045			23.75	
2046			19.00	
2047			14.25	
2048			9.50	
2049			4.75	
2050			0.00	