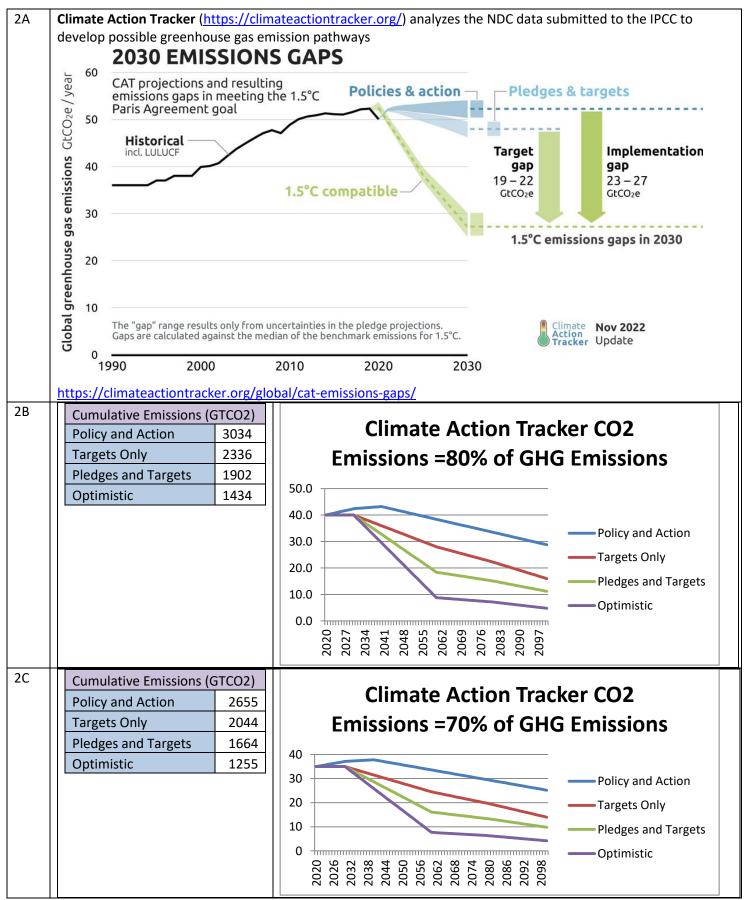
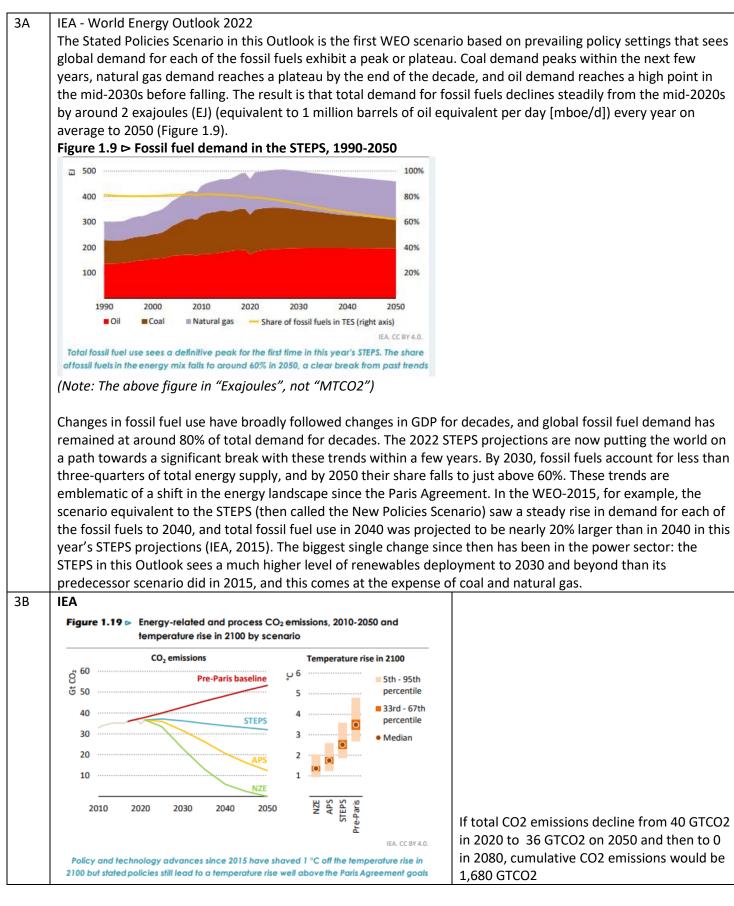
Based on projections of (1) US EIA, (2) Climate Action Tracker, and (3) IEA, a reasonable (and optimistic) planning number for cumulative CO2 emissions from 2020 through 2100 appears to be 1,500 GTCO2. (This does not include either CO2 removed by CCS or any CDR technique). Note that this number well below the estimates of two of the three organizations.

1. US EIA

1A	World CO2 emissions are											
	EIA's International Energy	•••			erence cas	e proje	cts th	nat if c	urrent po	olicy and	d techno	ology
	trends continue, global en		-	-					•	•		
	2050 as a result of population and economic growth. However, projected future growth in energy-related CO2 emissions is not evenly distributed across the world, and the majority of the projected future growth in energy-											-
	related CO2 emissions is a	mong the gro	oup of co	ountries	outside t	ne Orga	nizati	ion fo	r Econom	ic Coop	eration	and
	Development (OECD).		-			-						
	Cumulative Emissions (20	20-2100 - GT	CO2)									
	Global energy-related carbon dioxide emissions (2010–2050) billion metric tons											
	45 history projection											
	35											
	30				·D							
	25 non-OECD											
	20											
	15											
	10											
	5			OECD								
	0 2010 2015 2020 20	25 2030	2035	2040	2045 20	50						
	https://www.eia.gov/ener						tlook	-for-fi	uture-em	issions.	oho	
1C	EIA - If CO2 emissions incr											rom
	cement and land-use char	•	• •			•						
	emissions from 2020 to 21	•		•					.,			
	Peak Year	2030	2035	2040	2045	2050	2	2030	2035	2040	2045	2050
	Zero Year	2060	2065	2070	2075	2080	2	2070	2075	2080	2085	2090
	Cum Emissions 2020-210	1050	1274	1499	1724	1949	1	L266	1498	1731	1964	2197
	EIA – Cumulative CO2 emi					crease k	oy 0.8	3% per	' year fro	m the c	urrent r	ate
	through "peak year" and t	hen decline	to zero ir	n "zero y	vear"							

2. Climate Action Tracker





3. IEA