

**Table 2. Greenhouse gas scenarios for the future**

Year	Alternative Scen. 2°C Scen.				Year	Alternative Scen. 2°C Scen.				Year	Alternative Scen. 2°C Scen.			
	CO <sub>2</sub> (ppm)	CH <sub>4</sub> (ppb)	N <sub>2</sub> O (ppb)	CO <sub>2</sub> (ppm)		CO <sub>2</sub> (ppm)	CH <sub>4</sub> (ppb)	N <sub>2</sub> O (ppb)	CO <sub>2</sub> (ppm)		CO <sub>2</sub> (ppm)	CH <sub>4</sub> (ppb)	N <sub>2</sub> O (ppb)	CO <sub>2</sub> (ppm)
2000	370.0	1751	316.0	370.0	2034	423.2	1701	337.5	442.2	2068	463.4	1356	355.0	529.8
2001	371.7	1756	316.7	371.7	2035	424.6	1693	338.0	444.8	2069	464.2	1351	355.5	531.7
2002	373.4	1760	317.4	373.5	2036	426.0	1685	338.6	447.4	2070	464.9	1346	356.0	533.5
2003	375.1	1764	318.1	375.2	2037	427.4	1676	339.2	450.0	2071	465.6	1341	356.5	535.2
2004	376.7	1768	318.8	377.0	2038	428.8	1667	339.7	452.6	2072	466.3	1337	357.0	536.9
2005	378.4	1771	319.5	378.8	2039	430.2	1657	340.3	455.3	2073	466.9	1333	357.5	538.5
2006	380.1	1774	320.1	380.6	2040	431.6	1647	340.8	458.0	2074	467.5	1329	358.0	540.1
2007	381.7	1777	320.8	382.5	2041	433.0	1637	341.3	460.7	2075	468.1	1326	358.5	541.6
2008	383.3	1779	321.5	384.4	2042	434.3	1626	341.9	463.5	2076	468.7	1323	359.0	543.0
2009	385.0	1781	322.1	386.3	2043	435.7	1615	342.4	466.2	2077	469.2	1320	359.5	544.4
2010	386.6	1782	322.8	388.2	2044	437.1	1603	342.9	469.0	2078	469.7	1317	360.0	545.7
2011	388.2	1783	323.5	390.2	2045	438.4	1591	343.5	471.8	2079	470.2	1315	360.5	547.0
2012	389.8	1784	324.1	392.2	2046	439.7	1579	344.0	474.6	2080	470.7	1313	361.0	548.2
2013	391.4	1784	324.8	394.2	2047	441.1	1566	344.5	477.5	2081	471.1	1311	361.5	549.4
2014	393.0	1784	325.4	396.2	2048	442.4	1553	345.0	480.4	2082	471.5	1309	362.0	550.4
2015	394.6	1783	326.0	398.3	2049	443.7	1540	345.5	483.3	2083	471.9	1308	362.5	551.5
2016	396.2	1782	326.7	400.4	2050	445.0	1526	346.0	486.2	2084	472.3	1307	363.0	552.4
2017	397.7	1781	327.3	402.5	2051	446.3	1512	346.5	489.2	2085	472.6	1306	363.5	553.4
2018	399.3	1779	328.0	404.6	2052	447.5	1499	347.0	492.0	2086	472.9	1305	364.0	554.2
2019	400.9	1777	328.6	406.8	2053	448.8	1487	347.5	494.8	2087	473.2	1304	364.5	555.0
2020	402.4	1775	329.2	409.0	2054	449.9	1475	348.0	497.6	2088	473.5	1303	365.0	555.8
2021	403.9	1772	329.8	411.2	2055	451.1	1463	348.5	500.3	2089	473.7	1302	365.5	556.4
2022	405.5	1769	330.4	413.5	2056	452.2	1452	349.0	502.9	2090	474.0	1302	366.0	557.0
2023	407.0	1765	331.0	415.7	2057	453.3	1442	349.5	505.5	2091	474.2	1302	366.5	557.6
2024	408.5	1762	331.6	418.0	2058	454.4	1432	350.0	508.0	2092	474.3	1301	367.0	558.1
2025	410.0	1757	332.2	420.3	2059	455.4	1422	350.5	510.4	2093	474.5	1301	367.5	558.6
2026	411.5	1753	332.8	422.6	2060	456.4	1413	351.0	512.8	2094	474.6	1301	368.0	558.9
2027	413.0	1747	333.4	425.0	2061	457.4	1404	351.5	515.1	2095	474.7	1301	368.5	559.3
2028	414.5	1742	334.0	427.4	2062	458.4	1396	352.0	517.4	2096	474.8	1301	369.0	559.5
2029	415.9	1736	334.6	429.8	2063	459.3	1389	352.5	519.6	2097	474.9	1301	369.5	559.7
2030	417.4	1730	335.2	432.2	2064	460.2	1381	353.0	521.8	2098	475.0	1301	370.0	559.9
2031	418.9	1723	335.8	434.7	2065	461.0	1375	353.5	523.9	2099	475.0	1301	370.5	560.0
2032	420.3	1716	336.4	437.2	2066	461.9	1368	354.0	525.9	2100	475.0	1301	371.0	560.0
2033	421.7	1709	336.9	439.7	2067	462.7	1362	354.5	527.9					