

The Numbers

**CUT
11%**



No Common Sense

Here are the vital statistics for human civilisation on the planet. These simple numbers are what you get when the latest scientific data and basic principles of common sense are put together.

These numbers are the work of [OurFutureUncompromised.org](https://www.ourfutureuncompromised.org) and have been approved at the highest level of the scientific world

	Resource Consumption			CO ₂ Emissions from Consumption			
	Per capita 2018	Trend 1993-2018	Reduction for SD	Per capita 2017	Trends 1992-2017	Reduction required for	
	Tonnes CO ₂	% / yr	% / yr	Tonnes CO ₂	% / yr	1.5°	2°
ULTRA HIGH	29	1.4%	-5%	13	0.3%	-52%	-12%
VERY HIGH	17	1.8%	-3%	8.9	0.8%	-33%	-8%
HIGH	16	4.6%	-2%	4.8	4.1%	-17%	-4%
HUMANITY	12	2.9%	-1%	4.8	1.9%	-16%	-4%
MEDIUM	4.5	3.6%	+2%	1.5	4.9%	-5%	-1%
LOW	2.3	3.0%	+6%	0.4	4.6%	-0.7%	+2%
1 NORWAY	38	2.5%	-4.9%	9.6	1.1%	-34%	-8.2%
2 SWITZERLAND	32	2.8%	-4.6%	15	1.6%	-62%	-14%
3 IRELAND	22	2.8%	-3.2%	9.1	0.2%	-31%	-7.6%
4 GERMANY	23	0.5%	-4.1%	11	-0.8%	-41%	-9.7%
4 HONG KONG	-	-	-	17	1,2%	-73%	-16%
6 AUSTRALIA	43	2.0%	-5.2%	16	1.9%	-62%	-14%
6 ICELAND *	35	2.3%	-5.0%	11	1.6%	-43%	-10%
8 SWEDEN	32	2.6%	-4.7%	7.4	-0.4%	-25%	-6.3%
9 SINGAPORE	78	5.5%	-7.5%	21	1.7%	-94%	-19%
10 NETHERLANDS	28	1.9%	-4.6%	9.4	-1.3%	-33%	-8.0%
11 DENMARK	25	1.9%	-3.9%	9.5	-0.5%	-34%	-8.3%
12 FINLAND	37	1.5%	-5.5%	12	-0.2%	-46%	-11%
13 CANADA	35	1.2%	-4.6%	17	0.8%	-68%	-15%
14 NEW ZEALAND	25	2.2%	-3.7%	8.8	1.4%	-32%	-7.8%
15 UK	23	1.5%	-3.6%	8.5	-0.7%	-28%	-6.9%
15 USA	32	1.5%	-4.5%	18	0.4%	-77%	-16%
17 BELGIUM	24	1.2%	-4.0%	16	0.7%	-66%	-14%
18 LIECHTENSTEIN *	-	-	-	4.1	-1.4%	-13%	-3.2%
19 JAPAN	26	0.5%	-5.0%	11	0.1%	-41%	-9.6%
20 AUSTRIA	33	1.8%	-5.1%	11	0.6%	-42%	-9.8%
21 LUXEMBOURG	104	3.5%	-7.9%	41	1.7%	>-100%	-40%
22 ISRAEL	24	2.7%	-2.8%	10	1.7%	-35%	-8.3%
22 KOREA	29	2.6%	-5.1%	13	2.5%	-57%	-13%
24 SLOVENIA	24	2.7%	-4.3%	9.2	0.6%	-34%	-8.1%

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	Per capita 2018	Trend 1993-2018	Reduction for SD	Per capita 2017	Trends 1992-2017	Reduction required for	
						1.5°	2°
	Tonnes CO ₂	% / yr	% / yr	Tonnes CO ₂	% / yr	% / yr	% / yr
EU 27	24	1.4%	-4.3%	8.5	-0.5%	-30%	-7.4%
25 SPAIN	24	1.8%	-4.4%	6.6	0.4	-23%	-5.7%
26 CZECHIA	23	2.6%	-4.1%	10	-1.2%	-38%	-9.1%
26 FRANCE	23	0.9%	-3.8%	7.2	-0.4%	-25%	-6.3%
28 MALTA	26	1.2%	-4.5%	12	2.2%	-38%	-9.0%
29 ITALY	22	0.6%	-4.2%	7.9	-0.6%	-27%	-6.7%
30 ESTONIA	30	2.4%	-5.2%	14	-0.5%	-59%	-13%
31 CYPRUS	28	2.7%	-4.2%	7.1	1.4%	-23%	-5.8%
32 GREECE	27	0.8%	-4.9%	6.4	-1.5%	-20%	-5.0%
32 POLAND	25	3.6%	-4.7%	8.3	-0.4%	-30%	-7.3%
34 LITHUANIA	38	3.6%	-6.5%	8.3	-1.6%	-33%	-7.9%
35 UAE	50	7.9%	-6.3%	25	5.4%	>-100%	-23%
36 ANDORRA *	-	-	-	6.3	0.6%	-22%	-5.5%
36 SAUDI ARABIA	12	-0.8%	-1.1%	19	4.2%	-91%	-19%
36 SLOVAKIA	36	1.3%	-5.7%	9.1	-0.2%	-35%	-8.4%
39 LATVIA	24	4.7%	-5.0%	6.8	-0.9%	-25%	-6.2%
40 PORTUGAL	19	0.7%	-3.7%	6.0	0.1%	-22%	-5.6%
41 QATAR	13	3.9%	-1.1%	31	5.6%	>-100%	-33%
42 CHILE	17	2.9%	-2.8%	5.0	4.5%	-17%	-4.3%
43 BRUNEI DAR.	20	1.7%	-3.2%	19	3.9%	-88%	-18%
43 HUNGARY	15	1.0	-3.0%	7.0	-0.5%	-26%	-6.4%
45 BAHRAIN	14	0.4%	-1.2%	13	2.3%	-53%	-12%
46 CROATIA	16	2.5%	-3.6%	5.4	1.3%	-19%	-4.8%
47 OMAN	10	2.6%	-0.3%	14	6.8%	-51%	-12%
48 ARGENTINA	15	2.0%	-2.0%	4.7	2.2	-16%	-4.2%
49 RUSSIAN FED.	10	0.0%	-1.6%	9.7	-0.9%	-35%	-8.3%
50 BELARUS	0.4	2.5%	+9.1%	7.5	2.6%	-27%	-6.7%
50 KAZAKHSTAN	18	-0.8%	-2.4%	13	1.6%	-63%	-14%
52 BULGARIA	13	1.7%	-3.2%	5.9	-0.4%	-20%	-5.0%
52 MONTENEGRO *	28	7.0%	-4.9%	3.3	1.8%	-11%	-2.7%

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52 ROMANIA	17	2.9%	-3.7%	3.9	-2.1%	-12%	-3.1%
55 PALAU *	-	-	-	13	0.7%	-56%	-13%
56 BARBADOS *	11	-2.3%	-1.6%	4.6	0.6%	-15%	-3.8%
57 KUWAIT	48	4.2%	-5.5%	22	4.2%	>-100%	-21%
57 URUGUAY	39	5.6%	-5.6%	3.6	2.8%	-11%	-2.9%
59 TURKEY	16	4.4%	-2.4%	5.9	3.2%	-22%	-5.6%
60 BAHAMAS*	21	-0.8%	-2.9%	4.8	0.1%	-14%	-3.4%
61 MALAYSIA	25	3.7%	-3.5%	36	4.9%	-32%	-7.8%
62 SEYCHELLES *	22	1.9%	-3.6%	6.9	5.2%	-32%	-8.0%
63 SERBIA *	17	2.5%	-3.9%	5.3	0.7%	-19%	-4.7%
63 TRINIDAD & TOBAG	5.6	1.8%	0.5%	28	3.8%	>-100%	-38%
65 IRAN	14	2.4%	-1.7%	7.7	4.7%	-28%	-6.9%
66 MAURITIUS	21	1.4%	-3.9%	4.9	2.8%	-18%	-4.6%
67 PANAMA	8.1	2.0%	+0.4%	5.5	7.9%	-17%	-4.3%
68 COSTA RICA	8.3	3.4%	-0.2%	2.6	3.3%	-8.0%	-1.8%
69 ALBANIA	12	4.0%	-2.5%	2.0	2.8%	-6.4%	-1.2%
70 GEORGIA	9.1	-1.9%	-1.5%	2.9	0.7%	-10%	-2.6%
71 SRI LANKA	4.2	5.8%	+1.7%	1.7	6.4%	-6.5%	-1.3%
72 CUBA *	7.7	-1.7%	-0.6%	2.6	1.5%	-8.7%	-2.0%
73 ST KITTS & NEVIS *	-	-	-	4.7	3.1%	-17%	-4.2%
74 ANTIGUA & BARB *	13	-1.0%	-1.7%	6.0	3.0%	-21%	-5.4%
75 BOSNIA & HERZE *	11	0.4%	-2.5%	6.7	2.2%	-24%	-6.0%
76 MEXICO	10	1.9%	0.7%	4.3	1.7%	-14%	-3.5%
77 THAILAND	15	3.4%	-2.9%	4.2	3.3%	-15%	-3.7%
78 GRENADA *	-	-	-	2.5	3.3%	-7.8%	-1.7%
79 BRAZIL	18	3.8%	-3.0%	2.5	3.0%	-8.2%	-1.9%
79 COLOMBIA	11	3.6%	-1.2%	2.2	1.9%	-7.6%	-1.7%
81 ARMENIA	8.4	2.9%	-1.0%	1.9	1.2%	-5.8%	-1.0%
82 ALGERIA *	3.1	3.7%	+3.8%	3.8	2.6%	-13%	-3.3%
82 N. MACEDONIA *	14	1.5%	-2.8%	3.6	-1.3%	-12%	-2.9%

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						% / yr	% / yr
82 PERU	9.8	3.8%	-0.5%	2.0	4.3%	-6.3%	-1.2%
85 CHINA	21	5.8%	-3.9%	6.2	5.1%	-22%	-5.5%
85 ECUADOR	11	3.6%	-0.6%	2.9	3.3%	-9.8%	-2.4%
87 AZERBAIJAN	6.4	-0.7%	+0.4%	4.2	2.4%	-15%	-3.7%
88 UKRAINE	12	2.3%	-2.8%	5.4	-2.4%	-17%	-4.4%
89 DOMINICAN REP.	6.7	3.2%	+0.7%	2.5	3.4%	-8.1%	-1.8%
89 SAINT LUCIA *	-	-	-	2.4	2.4%	-7.9%	-1.8%
91 TUNISIA	6.4	1.7%	+0.7%	2.6	2.4%	-9.2%	-2.2%
92 MONGOLIA	14	0.5%	-1.5%	8.1	4.1%	-22%	-5.5%
93 LEBANON*	14	4.0%	-2.6%	3.6	3.5%	-13%	-3.2%
94 BOTSWANA	35	2.7%	-3.9%	8.0	7.6%	-54%	-13%
94 ST VINCENT& GRE. *	-	-	-	2.1	3.2%	-7.0%	-1.5%
96 JAMAICA	7.7	0.8%	-0.3%	2.9	0.9%	-9.5%	-2.3%
96 VENEZUELA	8.1	0.4%	+0.3%	4.9	2.2%	-15%	-3.8%
98 DOMINICA *	-	-	-	2.6	4.4%	-8.9%	-2.1%
98 FIJI *	7.5	0.0%	+0.4%	2.5	4.3%	-9.8%	-2.4%
98 PARAGUAY	15	3.6%	-1.9%	1.5	3.8%	-5.4%	-0.8%
98 SURINAME *	14	0.9%	-1.8%	3.2	-0.5%	-9.8%	-2.4%
102 JORDAN	6.7	4.0%	+0.8%	3.6	3.1%	-13%	-3.4%
103 BELIZE *	7.7	1.2%	+1.0%	1.5	1.7%	-5.1%	-0.7%
104 MALDIVES *	13	7.1%	-1.7%	3.0	8.5%	-11%	-2.8%
105 TONGA *	-	-	-	1.3	1.9%	-4.6%	-0.5%
106 PHILIPPINES	4.4	2.6%	+2.4%	1.4	3.4%	-5.4%	-0.8%
107 MOLDOVA *	3.9	16%	+1.1%	1.3	-4.4%	-4.3%	-0.3%
108 TURKMENISTA *	22	4.3%	-3.0%	14	4.4%	-59%	-13%
108 UZBEKISTAN *	6.1	2.1%	+1.3%	2.9	-0.9%	-8.9%	-2.1%
110 LIBYA *	3.8	1.0%	+2.7%	8.3	1.3%	-29%	-7.1%
111 INDONESIA	6.3	3.7%	+0.8%	2.3	4.6%	-7.9%	-1.8%
111 SAMOA*	8.1	1.2%	+0.4%	1.4	3.5%	-4.9%	-0.6%
113 SOUTH AFRICA	8.4	0.8%	+0.3%	6.1	2.3%	-21%	-5.2%

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	Tonnes CO ₂	% / yr	% / yr	Tonnes CO ₂	% / yr	1.5°	2°
114 BOLIVIA	5.5	1.8%	+1.7%	1.8	5.1%	-6.6%	-1.3%
115 GABON *	4.3	1.3%	+3.5%	2.6	0.3%	-8.3%	-1.9%
116 EGYPT	4.9	3.0%	+2.7%	2.4	3.9%	-7.7%	-1.7%
117 MARSHALL IS. *	-	-	-	2.6	1.7%	-9.0%	-2.1%
118 VIET NAM	13	9.0%	-2.0%	2.1	9.1%	-7.9%	-1.8%
119 PALESTINE *	-	-	-	0.7	5.1%	-2.1%	+0.9%
120 IRAQ*	2.8	1.7%	+5.0%	5.4	4.8%	-20%	-5.0%
121 MOROCCO	3.9	2.2%	+2.6%	1.9	2.8%	-6.2%	-1.2%
122 KYRGYZSTAN	8.4	2.1%	+0.6%	2.7	0.5%	-8.7%	-2.0%
123 GUYANA *	119	1.6%	-8.9%	3.2	3.4%	-12%	-2.9%
124 EL SALVADOR	6.3	3.0%	+0.5%	1.5	2.7%	-5.0%	-0.7%
125 TAJIKISTAN *	3.8	4.6%	+3.7%	0.6	0.2%	-2.3%	+0.8%
126 CABO VERDE *	8.9	2.6%	-0.2%	1.2	7.2%	-4.1%	-0.2%
126 GUATEMALA	3.9	3.7%	+3.4%	1.2	4.2%	-4.1%	-0.3%
126 NICARAGUA	4.3	3.2%	+2.5%	1.1	3.5%	-3.5%	+0.1%
129 INDIA	4.7	3.4%	+1.8%	1.7	4.9%	-6.2%	-1.2%
130 NAMIBIA	8.6	1.3%	+0.8%	4.1	8.8%	-19%	-4.8%
131 TIMOR-LESTE *	-	-	-	0.4	NaN	-0.8%	+1.8%
132 HONDURAS	3.9	3.7%	+3.0%	1.2	5.0%	-3.9%	-0.2%
132 KIRIBATI *	-	-	-	0.6	3.5%	-2.0%	+1.0%
134 BHUTAN *	11	2.4%	-1.2%	1.6	8.1%	-6.1%	-1.1%
135 BANGLADESH	2.5	3.5%	+3.9%	0.7	6.9%	-2.2%	+0.8%
135 MICRONESIA *	-	-	-	1.4	NaN	-4.6%	-0.5%
137 SAO TOME & P *	5.9	1.1%	+2.6%	0.6	3.9%	-1.6%	+1.2%
138 CONGO *	2.3	2.2	+6.2%	0.6	3.0%	-1.6%	+1.2%
138 ESWATINI *	12	1.4%	-0.4%	1.1	2.1%	-3.0%	+0.3%
140 LAOS	7.9	9.0%	+0.1%	2.4	12%	-15%	-3.8%
141 VANUATU *	7.4	2.1%	+1.8%	0.5	3.7%	-1.6%	+1.2%
142 GHANA	3.5	3.2%	+4.0%	0.8	6.7%	-2.3%	+0.7%
143 ZAMBIA	3.6	1.6%	+4.8%	0.6	4.0%	-1.9%	+1.0%

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144 EQ. GUINEA *	-	-	-	4.5	19%	-13%	-3.2%
145 MYANMAR *	1.5	2.3%	+5.7%	0.5	6.6%	-1.8%	+1.1%
146 CAMBODIA	3.7	4.6%	+2.8%	1.0	8.8%	-4.1%	-0.3%
147 KENYA	3.0	3.1%	+4.7%	0.6	5.1%	-1.8%	+1.1%
147 NEPAL	3.0	3.0%	+3.5%	0.6	9.1%	-1.9%	+1.0%
149 ANGOLA *	3.3	4.6%	+5.5%	1.1	7.4%	-3.5%	+0.1%
150 CAMEROON	1.9	2.2%	+6.7%	0.5	5.6%	-1.6%	+1.2%
150 ZIMBABWE	3.6	4.1%	+4.0%	0.9	-2.2%	-3.0%	+0.4%
152 PAKISTAN	3.0	2.6%	+4.2%	1.1	4.4%	-3.8%	-0.1%
153 SOLOMON ISL *	-	-	-	0.3	0.9%	+0.4%	+2.7%
154 SYRIAN A.R *	3.7	0.9%	+4.3%	1.7	-1.9%	-4.9%	-0.6%
155 PAPUA N.GUIN *	2.5	-0.1%	+5.2%	0.9	5.2%	-3.4%	+0.1%
156 COMOROS *	-	-	-	0.3	4.7%	+0.2%	+2.5%
157 RWANDA	3.2	3.4%	+4.6%	0.1	3.4%	+1.9%	+4.0%
158 NIGERIA	2.7	3.4%	+5.6%	0.5	3.3%	-1.1%	+1.6%
159 TANZANIA	1.4	2.5%	+8.2%	0.4	7.2%	-0.6%	+1.9%
159 UGANDA	2.6	3.5%	+5.8%	0.2	6.8%	+0.7%	+2.9%
161 MAURITANIA *	2.6	1.4%	+5.8%	0.6	4.3%	-1.8%	+1.1%
162 MADAGASCAR	0.8	2.8%	+9.7%	0.2	5.6%	+0.4%	+2.7%
163 BENIN	4.4	4.4%	+3.9%	0.7	8.3%	-2.1%	+0.9%
164 LESOTHO *	12	5.1%	-1.2%	1.3	2.0%	-4.3%	-0.3%
165 CÔTE D'IVOIRE	0.9	-0.3%	+9.5%	0.6	4.5%	-1.9%	+1.0%
166 SENEGAL	2.5	3.4%	+5.9%	0.8	4.9%	-2.6%	+0.6%
167 TOGO	2.5	2.1%	+5.7%	1.0	7.1%	-2.9%	+0.4%
168 SUDAN *	5.2	29%	+2.8%	0.5	8.5%	-1.4%	+1.3%
169 HAITI *	1.4	1.9%	+6.4%	0.3	6.1%	+0.1%	+2.4%
170 AFGHANISTAN*	1.2	1.7%	+7.9%	0.3	8.1%	+0.4%	+2.7%
171 DJIBOUTI *	2.3	0.5%	+4.6%	0.7	2.6%	-2.0%	+0.9%
172 MALAWI	1.3	3.0%	+8.3%	0.2	3.0%	+0.5%	+2.8%
173 ETHIOPIA	0.8	-1.0%	+9.4%	0.2	7.1%	+0.5%	+2.7%

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	Tonnes CO ₂	% / yr	% / yr	Tonnes CO ₂	% / yr	1.5°	2°
174 GAMBIA *	2.2	1.8%	+6.3%	0.3	4.4%	+0.1%	+2.4%
174 GUINEA	2.4	1.8%	+6.1%	0.3	4.3%	+0.2%	+2.6%
176 LIBERIA *	1.5	4.0%	+7.6%	0.3	5.3%	-0.6%	+1.9%
177 YEMEN *	1.1	-1.6%	+8.0	0.4	0.6%	+0.5%	+2.7%
178 GUINEA-BISSA *	-	-	-	0.2	2.5%	+0.9%	+3.1%
179 DR CONGO *	2.0	1.2%	+7.2%	0.0	-1.1%	+4.7%	+6.6%
180 MOZAMBIQUE	2.1	3.8%	+6.7%	0.6	6.5%	-2.0%	+1.0%
181 SIERRA LEONE *	7.1	7.2%	+0.9%	0.1	3.5%	+1.5%	+3.6%
182 BURKINA FASO	4.0	4.3%	+4.3%	0.3	7.3%	-0.2%	+2.3%
182 ERITREA *	12	15%	-1.9%	0.2	0.2%	+0.6%	+2.9%
184 MALI *	4.6	5.2%	+4.0	0.2	8.5%	+0.8%	+3.0%
185 BURUNDI *	1.6	1,2%	+7.9%	0.0	3.4%	+3.2%	+5.1%
186 SOUTH SUDAN *	2.0	17%	+5.7%	0.2	8.4%	+0.9%	+3.1%
187 CHAD *	1.5	1.9%	+8.0%	0.1	3.8%	+2.8%	+4.7%
188 C.A.R.	2.6	1.1%	+5.3%	0.1	1.2%	+2.7%	+4.7%
189 NIGER *	3.1	3.8%	+6.3%	0.1	5.5%	+2.0%	+4.0
.. DPR KOREA *	1.0	-5.4%	+6.7%	1.2	-4.5%	-4.1%	-0.2%
.. NAURU *	-	-	-	4.8	-3.2%	-17%	-4.4%
.. SOMALIA *	2.3	2.1%	+6.7%	0.0	0.4%	+3.3%	+5.2%
.. TUVALU *	-	-	-	1.0	1.9%	-3.3%	+0.2%

IPCC CO₂ emission budget to limit global warming to 2°C and 1.5°C (since 1850–1900) 1

Carbon Budget	2°C limit	1.5°C limit
GtCO ₂ on 1.1.2018 ¹	1,070	320
GtCO ₂ on 1.1.2019 ²	1,028	278
GtCO ₂ fossil fuels & industry on 1.1.2019 ³	905	245
Tonnes CO ₂ <i>per capita</i> 1.1.2019 ⁴	117	32

National Emissions	Sweden	Tanzania
Tonnes CO ₂ <i>per capita</i> per year consumption emissions ⁵	7.4	0.4
2°: CO ₂ reduction in % per year now (1.7.2020)	-6%	+2%
1.5°: CO ₂ reduction in % per year now (1.7.2020)	-25%	-1%

¹ Intergovernmental Panel on Climate Change 2018, Special Report Global Warming 1.5°C, table 2.2 The assessed remaining carbon budget, accounting for “Earth system feedbacks” – permafrost thawing or methane released by wetlands –, percentiles of TCRE: 67th;

² Deduct 2018 CO₂ emissions: 42.1 GtCO₂ (Friedlingstein P. et al, Global Carbon Project (GCP), Global carbon budget 2019 (version 1.0));

³ Allocate 88% of the budget to fossil fuels & industry emission (landuse change emissions are about 12%) (Friedlingstein P. et al, GCP, Global carbon budget 2019 (version 1.0));

⁴ 2019 human population of 7.7 billion, Sweden: 10.0 million, Tanzania 58.0 million (United Nations World Population Prospects 2019 revision);

⁵ Consumption emissions *per capita* (Updated from Peters et al, GCP National Carbon Emissions Global 2019 (version 1.0)).

The Intergovernmental Panel on Climate Change concluded that to limit global warming to the internationally agreed objective of 2°C or 1.5°C, CO₂ emissions must be limited to 1,070 or 320 GtCO₂ from 1 January 2018 onwards; this is the carbon budget for a 66% chance, accounting for “earth feedback systems” (100 GtCO₂ until 2100), assuming rapid reduction of other greenhouse gases and with no “negative emissions” and no “overshoot”. 1

42 GtCO₂ were emitted in 2018, thus 1,028 or 278 GtCO₂ remained by 1 Jan 2019. Land-use emissions are about 12% of total CO₂ emissions and therefore 88% of the budget is allocated to fossil fuels and industry, 905 or 245 GtCO₂. Equally divided among humanity (international equity), the *per capita* limit is 117 tonnes CO₂ for 2°C, 32 tonnes CO₂ for 1.5°C.

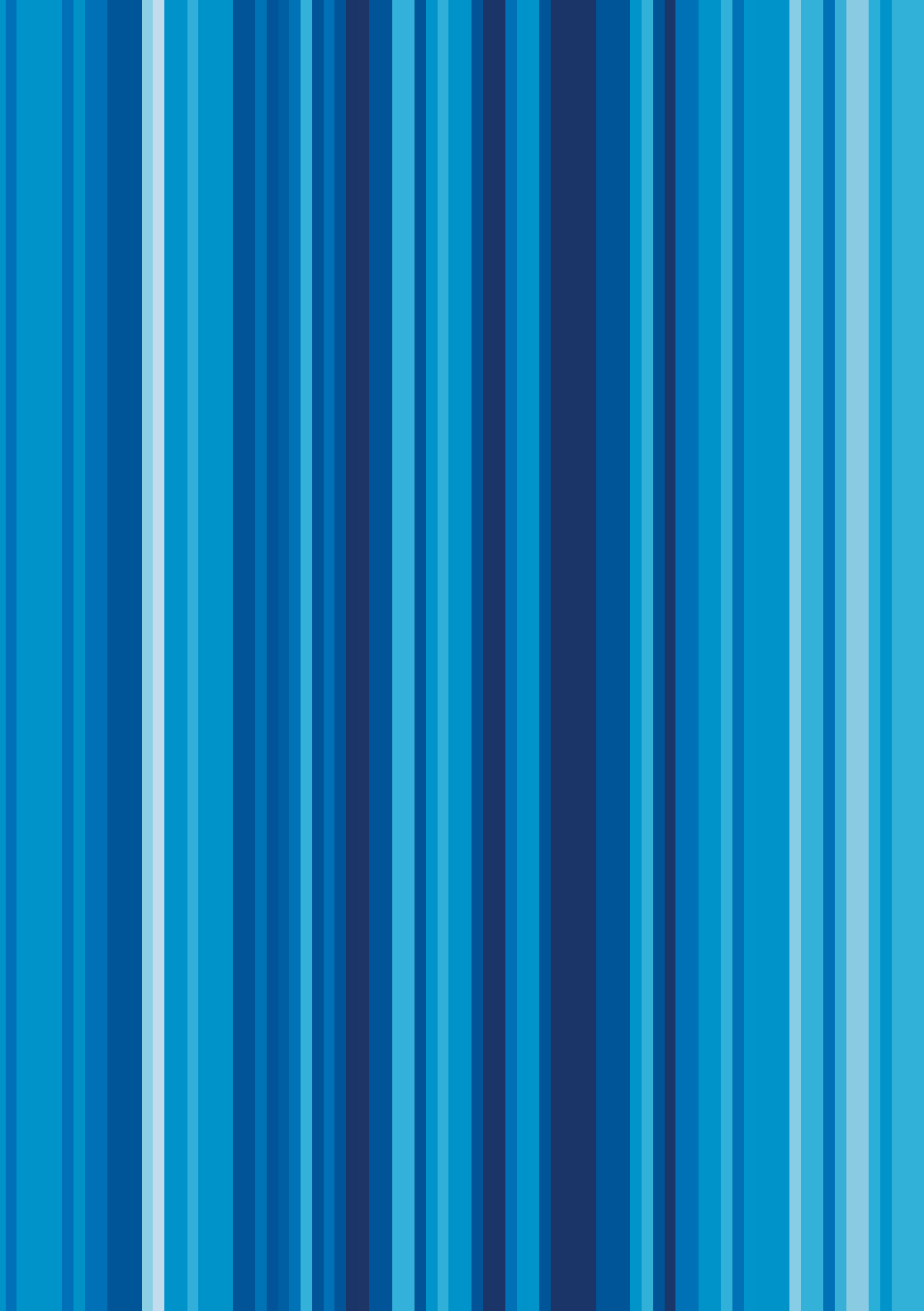
With no global government, emissions are allocated to nations, the law-making units. To take a national example, the current *per capita* consumption emissions of Sweden – an Ultra High Developed nation – are 7.4 tonnes CO₂ per year (decreasing 0.4% per year on a 25 year trend, last year increasing 1.1%). With 10 million people 4 Sweden’s “national budget” on 1.1.2019 was 1.2 or 0.3 GtCO₂; not exceeding it as of 1.7.2020 requires reducing emissions 6% or 25% per year starting now (intergenerational equity) increasing with inaction.

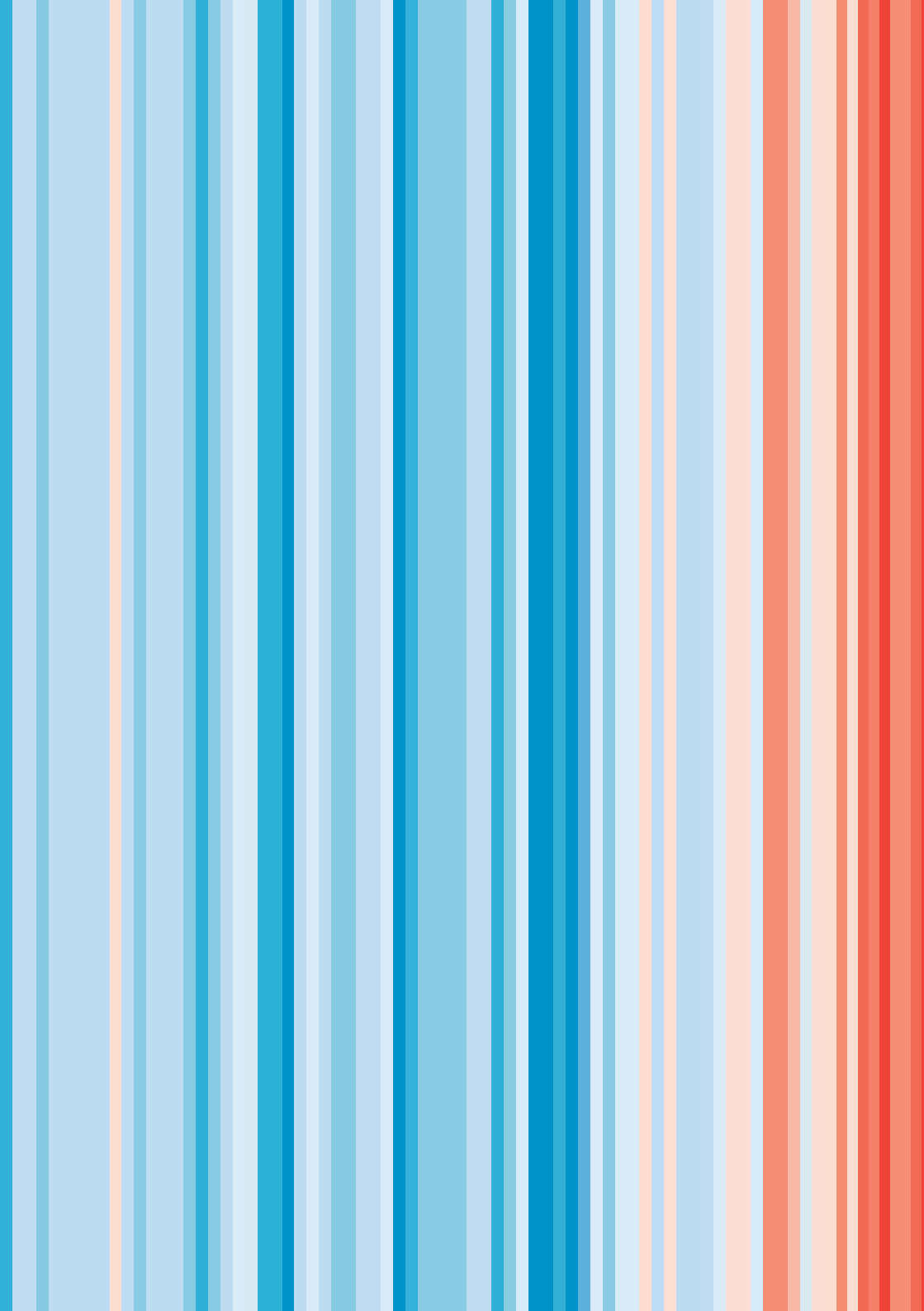
In comparison, Low Developed Tanzania, with very low *per capita* emissions of 0.4 tonnes CO₂ must reduce emissions 1% for 1.5°C but can increase emissions 2% for 2°C and not exceed its limit.

If countries have not yet reached zero emissions by 2100, their remaining limit (budget) is at least 20 years of 2100 emissions.

**“Justice is what love looks
like in public”.**

- Cornel West -





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