

Appendix D10

450F Per Capita Emission Allocations: Annex I Only Approach (tCO₂-eq per person)

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	0.940	1.060	1.245	1.275	1.246	1.213	1.257	1.318	1.316
Albania	5.593	6.661	7.651	7.908	8.146	7.976	7.987	8.002	7.879
Algeria	5.829	7.312	8.776	10.650	11.765	12.916	14.669	16.149	16.826
Angola	5.102	3.733	2.610	2.319	2.573	2.541	2.519	2.508	2.429
Antigua & Barbuda	26.119	23.929	22.021	22.774	22.805	22.491	21.844	20.697	19.469
Argentina	10.467	11.558	12.364	13.055	13.699	14.143	16.302	19.338	18.529
Armenia	2.614	2.829	3.045	3.331	3.599	3.829	4.004	4.098	4.120
Australia	26.546	13.753	-1.018	-12.782	-21.006	-26.795	-34.700	-43.456	-46.105
Austria	12.103	6.999	-0.545	-7.193	-12.400	-16.575	-22.477	-29.466	-32.717
Azerbaijan	5.752	6.110	6.512	6.847	7.155	7.447	7.690	7.679	7.551
Bahamas	6.500	6.012	5.658	6.350	6.936	7.522	7.901	8.098	7.842
Bahrain	30.410	32.101	34.596	39.776	47.394	55.881	63.596	67.373	67.298
Bangladesh	0.819	0.794	0.806	0.941	1.085	1.238	1.421	1.572	1.643
Barbados	12.893	20.244	27.426	30.562	33.659	36.542	38.814	39.900	38.845
Belarus	7.710	11.217	-0.892	-11.996	-21.051	-28.554	-39.207	-52.011	-58.490
Belgium	14.585	9.875	-0.768	-10.107	-17.346	-23.054	-31.074	-40.485	-44.655
Belize	89.978	67.154	48.750	183.434	164.797	141.499	121.036	102.224	84.189
Benin	11.694	15.925	15.224	16.912	15.373	15.929	16.542	16.766	16.798
Bhutan	2.626	3.305	3.975	4.481	5.064	5.677	6.433	6.988	7.366
Bolivia	9.960	5.044	0.655	-1.734	-3.800	-5.645	3.592	19.514	21.205
Bosnia & Herzegovina	6.205	6.926	7.647	8.610	9.238	9.506	9.582	9.421	9.000
Botswana	15.227	15.797	16.340	12.707	14.892	13.851	12.871	12.001	10.802
Brazil	9.095	6.006	3.103	1.517	-0.051	-1.735	7.005	22.906	25.529
Brunei	24.501	26.557	29.320	30.945	33.410	31.664	29.288	27.306	24.889
Bulgaria	12.529	11.835	-0.964	-13.292	-23.930	-33.330	-47.064	-64.332	-74.695
Burkina Faso	1.353	1.050	0.767	0.841	0.856	0.879	0.918	0.956	0.990
Burundi	1.061	1.270	1.184	1.094	1.053	1.033	1.084	1.216	1.421
Cambodia	4.863	4.568	5.707	4.832	4.887	4.331	3.865	3.605	3.693
Cameroon	10.119	12.371	9.936	11.648	9.619	10.040	10.582	11.060	11.478
Canada	24.434	14.499	-1.089	-13.867	-23.083	-29.793	-39.017	-49.380	-52.889
Cape Verde	1.230	1.359	1.571	2.117	2.787	3.604	4.589	5.679	6.832
Central African Republic	9.704	9.965	7.781	9.420	8.862	9.760	10.760	11.470	12.128
Chad	2.598	2.584	2.207	2.553	2.547	2.720	2.907	3.019	3.079
Chile	6.956	8.041	9.104	10.350	11.526	12.361	14.079	16.262	15.701
China	5.898	6.293	6.536	7.439	8.502	9.357	9.897	10.161	10.025
Colombia	5.523	4.991	4.438	4.260	4.075	3.797	6.763	11.920	12.461

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Comoros	1.264	1.885	2.499	2.915	3.345	3.673	4.121	4.616	5.228
Congo	7.572	7.668	5.262	5.895	4.624	4.793	5.006	5.221	5.382
Congo, Dem. Republic	11.007	13.093	9.830	10.652	7.859	7.727	7.638	7.505	7.382
Cook Islands	1.851	4.197	7.159	8.190	9.155	9.924	10.424	10.676	10.661
Costa Rica	5.387	4.720	4.185	9.293	8.946	8.366	7.769	7.145	6.434
Côte d'Ivoire	11.419	14.407	12.151	14.240	12.303	13.468	14.884	16.571	18.164
Croatia	8.525	5.457	-0.429	-5.701	-9.910	-13.350	-18.241	-24.090	-26.957
Cuba	4.472	5.205	5.947	9.082	10.059	10.913	11.546	11.747	11.257
Cyprus	13.095	14.089	15.051	16.537	18.715	21.271	23.943	26.154	27.378
Czech Republic	17.266	14.045	-1.107	-14.792	-25.846	-34.974	-47.951	-63.506	-71.220
Denmark	12.591	9.412	-0.725	-9.436	-16.036	-21.154	-28.360	-36.762	-40.284
Djibouti	2.325	2.630	3.073	3.885	4.694	5.431	6.268	7.040	7.783
Dominica	3.486	4.113	4.789	5.471	6.106	6.774	7.409	7.934	8.144
Dominican Republic	3.611	4.263	4.860	5.269	5.629	5.939	6.070	5.992	5.560
Ecuador	6.125	4.886	3.809	3.223	2.626	1.950	7.090	15.920	16.811
Egypt	3.342	3.673	4.059	4.662	5.318	6.049	6.866	7.514	7.786
El Salvador	2.891	3.003	3.121	4.516	4.469	4.340	4.119	3.835	3.456
Equatorial Guinea	20.555	22.860	16.210	18.257	13.559	13.748	14.038	14.366	14.616
Eritrea	2.107	3.093	4.196	5.417	6.667	7.932	10.770	17.188	26.160
Estonia	12.289	25.529	-2.066	-28.403	-51.099	-71.120	-100.216	-136.581	-158.196
Ethiopia	1.143	1.294	1.415	1.535	1.652	1.718	1.830	1.964	2.112
Fiji	3.662	3.372	3.189	3.215	3.064	2.916	2.800	2.652	2.565
Finland	14.121	10.024	-0.781	-10.298	-17.769	-23.785	-32.292	-42.319	-46.868
France	9.327	6.383	-0.488	-6.325	-10.690	-13.981	-18.547	-23.815	-25.933
Gabon	13.348	16.400	17.439	32.170	34.095	27.339	24.480	26.223	28.186
Gambia	1.259	1.678	1.850	2.254	2.467	2.746	3.037	3.227	3.358
Georgia	2.363	2.853	3.336	3.731	4.139	4.474	4.767	4.966	5.058
Germany	12.950	11.165	-0.875	-11.612	-20.112	-26.955	-36.590	-47.944	-53.137
Ghana	3.639	4.519	4.071	4.895	4.670	5.274	5.913	6.494	6.929
Greece	12.196	6.830	-0.534	-7.060	-12.166	-16.191	-21.813	-28.404	-31.353
Grenada	10.834	19.273	27.777	31.123	34.277	37.484	40.854	43.845	45.890
Guatemala	6.882	5.068	3.586	11.956	10.881	9.505	8.207	6.978	5.752
Guinea	3.845	4.055	3.133	3.522	3.064	3.230	3.408	3.558	3.642
Guinea-Bissau	3.065	3.798	3.667	4.380	4.406	4.845	5.312	5.633	5.879
Guyana	29.532	3.806	-21.924	-37.618	-52.180	-66.932	-0.843	121.410	143.165
Haiti	1.314	1.119	0.958	1.389	1.339	1.270	1.181	1.086	0.986
Honduras	4.860	3.858	3.050	8.065	7.520	6.773	6.036	5.317	4.558
Hungary	10.548	8.055	-0.637	-8.514	-14.846	-20.017	-27.316	-35.972	-40.078
Iceland	11.366	7.196	-0.544	-6.968	-11.679	-15.203	-20.113	-25.766	-28.002
India	2.007	2.434	2.909	3.543	4.300	5.125	5.952	6.614	6.892
Indonesia	13.088	13.355	18.125	16.052	16.984	15.582	14.293	13.646	14.080

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Iran	10.003	11.540	13.066	14.955	17.475	20.148	22.309	23.406	23.709
Iraq	4.468	4.354	4.336	4.656	5.063	5.485	5.835	5.952	5.802
Ireland	15.893	8.668	-0.647	-8.200	-13.604	-17.474	-22.760	-28.698	-30.738
Israel	13.634	15.743	17.718	19.917	22.530	25.666	28.644	30.616	31.326
Italy	10.447	6.593	-0.520	-6.923	-12.018	-16.131	-21.951	-28.904	-32.270
Jamaica	28.293	46.443	63.607	69.250	69.157	67.597	65.277	61.394	58.301
Japan	11.253	7.316	-0.584	-7.927	-14.060	-19.335	-26.990	-36.436	-41.644
Jordan	5.152	6.846	8.100	8.930	9.733	10.617	11.410	11.787	11.605
Kazakhstan	13.827	15.460	17.218	18.988	20.743	22.379	23.743	24.513	24.678
Kenya	1.730	2.022	2.352	2.923	3.574	4.280	5.200	6.363	7.777
Kiribati	0.125	0.217	0.288	0.271	0.252	0.231	0.208	0.188	0.170
Korea (North)	5.870	6.710	7.361	8.308	9.369	10.253	10.863	11.214	11.045
Korea (South)	14.367	17.679	20.402	24.343	28.621	32.654	36.259	39.307	41.392
Kuwait	31.254	28.567	27.426	29.889	33.735	37.680	40.259	39.870	37.521
Kyrgyzstan	2.494	3.093	3.634	3.806	3.934	3.994	3.968	3.853	3.658
Laos	6.245	5.828	6.879	5.920	5.833	5.151	4.586	4.266	4.275
Latvia	1.170	9.046	-0.730	-9.997	-17.891	-24.739	-34.613	-46.846	-53.888
Lebanon	6.599	8.165	9.616	10.858	12.460	14.197	15.947	17.345	18.095
Lesotho	1.660	2.029	2.516	3.195	3.962	4.750	5.528	6.299	6.944
Liberia	19.982	25.077	18.815	21.304	15.233	15.399	15.571	15.710	15.808
Libya	12.432	14.674	17.168	20.212	21.844	23.339	25.322	26.469	26.251
Lithuania	4.254	10.701	-0.848	-11.407	-20.088	-27.416	-37.909	-50.640	-57.366
Luxembourg	27.545	17.323	-1.277	-15.922	-25.902	-32.653	-41.771	-51.663	-54.110
Macedonia, FYR	6.935	8.500	10.076	10.922	11.515	11.212	10.845	10.358	9.638
Madagascar	4.506	4.868	4.162	3.531	3.110	2.723	2.533	2.428	2.585
Malawi	2.272	2.088	1.892	1.152	1.280	0.992	0.757	0.572	0.395
Malaysia	30.687	30.305	39.560	34.045	34.938	31.192	27.767	25.722	25.719
Maldives	2.776	3.430	4.214	5.495	6.838	8.279	9.822	11.061	11.735
Mali	3.324	3.210	2.436	2.710	2.434	2.511	2.593	2.604	2.591
Malta	7.192	7.305	7.390	7.548	7.582	7.511	7.362	7.184	6.872
Mauritania	4.325	3.546	2.955	3.469	3.947	4.422	4.903	5.229	5.416
Mauritius	5.245	7.766	11.075	15.434	20.498	26.342	33.562	41.195	48.776
Mexico	7.749	8.197	8.623	11.605	12.291	12.868	13.143	12.965	12.229
Moldova	3.232	3.319	3.438	3.854	4.267	4.664	5.000	5.225	5.335
Mongolia	13.163	13.862	14.422	14.778	15.330	15.570	15.415	14.921	13.991
Morocco	3.076	3.470	3.899	4.534	5.313	6.206	7.252	8.083	8.444
Mozambique	1.352	1.197	1.078	0.984	1.104	1.093	1.088	1.103	1.091
Myanmar	10.211	10.465	14.366	12.716	13.427	12.297	11.266	10.858	11.554
Namibia	6.922	7.725	8.777	9.952	12.151	14.189	16.330	18.423	20.055
Nauru	8.254	8.480	8.568	8.402	8.144	7.700	7.074	6.543	5.962
Nepal	7.288	7.811	9.549	9.405	8.127	6.653	6.083	6.235	5.443

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Netherlands	14.173	9.733	-0.747	-9.699	-16.452	-21.648	-28.948	-37.449	-40.995
New Zealand	18.942	10.777	-0.807	-10.251	-17.030	-21.966	-28.786	-36.530	-39.334
Nicaragua	12.404	8.330	4.876	24.057	21.601	18.410	15.482	12.769	10.188
Niger	0.943	0.936	0.875	0.969	0.992	1.014	1.047	1.064	1.062
Nigeria	5.251	6.497	6.390	9.176	9.477	9.066	9.312	10.156	10.952
Niue	1.055	1.843	2.513	2.461	2.353	2.235	2.045	1.878	1.671
Norway	10.925	6.891	-0.528	-6.819	-11.513	-15.089	-20.097	-25.883	-28.201
Oman	13.506	12.777	12.438	13.140	14.247	15.340	15.961	15.714	14.789
Pakistan	2.030	2.325	2.694	3.056	3.434	3.820	4.243	4.587	4.667
Palau	5.727	6.477	7.179	7.522	7.458	7.366	7.321	7.307	7.342
Panama	19.160	13.949	9.464	39.900	36.407	31.638	27.249	23.111	19.051
Papua New Guinea	5.037	-20.892	-29.208	-29.865	-31.732	-30.564	-25.117	-27.081	-20.440
Paraguay	16.156	20.834	23.003	19.981	17.270	14.820	16.473	20.867	20.973
Peru	6.349	3.594	1.119	-0.192	-1.474	-2.926	5.182	19.866	22.162
Philippines	2.725	2.806	3.291	3.226	3.436	3.459	3.476	3.477	3.449
Poland	12.331	8.938	-0.703	-9.381	-16.394	-22.207	-30.504	-40.511	-45.618
Portugal	7.398	3.839	-0.299	-3.936	-6.774	-9.028	-12.219	-16.033	-17.884
Qatar	62.500	63.636	66.704	78.003	92.278	106.805	117.314	120.454	117.533
Romania	8.358	8.592	-0.679	-9.084	-15.849	-21.369	-29.185	-38.545	-43.190
Russian Federation	13.729	16.857	-1.350	-18.306	-32.318	-43.986	-60.432	-80.057	-89.768
Rwanda	1.422	1.741	1.820	1.937	2.095	2.263	2.534	2.919	3.398
Saint Kitts & Nevis	3.841	5.453	7.008	7.695	8.198	8.667	8.964	9.098	8.871
Saint Lucia	5.657	8.194	10.770	12.066	13.213	14.318	15.329	16.071	16.241
Saint Vincent & Grenadines	3.997	5.358	6.781	7.631	8.295	8.874	9.217	9.348	9.265
Samoa	3.256	3.900	4.573	4.570	4.201	3.853	3.577	3.240	3.027
Sao Tome & Principe	1.758	2.182	2.586	3.113	3.634	4.182	4.720	5.142	5.394
Saudi Arabia	17.978	19.996	22.282	24.949	27.616	30.020	31.386	31.715	30.915
Senegal	2.385	2.776	2.895	3.463	3.885	4.576	5.369	6.162	6.811
Serbia & Montenegro	7.567	9.175	10.730	11.911	12.732	12.985	12.990	12.706	12.116
Seychelles	9.626	13.369	18.302	24.992	32.682	41.355	52.098	63.565	75.430
Sierra Leone	5.434	6.515	5.004	5.575	4.301	4.346	4.388	4.397	4.356
Singapore	13.053	15.455	18.041	21.993	27.222	33.010	39.095	44.759	48.780
Slovakia	15.731	10.044	-0.783	-10.351	-17.905	-23.994	-32.602	-42.839	-47.739
Slovenia	16.568	6.606	-0.523	-7.030	-12.353	-16.810	-23.195	-30.968	-35.075
Solomon Islands	0.868	0.569	0.502	0.468	0.400	0.362	0.370	0.293	0.327
South Africa	9.899	11.932	14.112	17.112	20.578	24.471	28.354	31.960	34.782
Spain	10.433	4.814	-0.378	-5.040	-8.750	-11.733	-15.933	-20.953	-23.427
Sri Lanka	4.069	5.182	6.804	7.585	8.031	8.439	9.280	10.308	10.635
Sudan	4.702	5.164	5.494	6.116	6.903	7.644	8.768	10.113	11.866
Suriname	8.814	8.347	7.897	8.692	9.340	9.789	10.085	10.229	9.957
Swaziland	1.985	2.759	3.570	3.793	4.954	5.575	6.137	6.662	6.937

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Sweden	7.765	5.884	-0.454	-5.917	-10.103	-13.385	-17.959	-23.220	-25.342
Switzerland	7.605	5.187	-0.401	-5.256	-9.004	-11.973	-16.169	-21.127	-23.394
Syria	3.901	4.600	5.107	5.616	6.198	6.781	7.152	7.258	7.138
Taiwan	15.469	18.749	21.276	24.985	29.187	32.849	35.875	37.776	38.225
Tajikistan	1.340	1.271	1.208	1.376	1.529	1.618	1.692	1.670	1.645
Tanzania	2.431	2.512	2.678	2.832	3.214	3.388	3.559	3.767	3.833
Thailand	7.139	8.149	9.626	10.875	12.644	14.205	15.733	16.976	17.535
Togo	4.459	5.824	5.639	6.684	6.713	7.595	8.642	9.586	10.350
Tonga	1.957	1.860	1.757	1.706	1.636	1.553	1.462	1.384	1.307
Trinidad & Tobago	31.955	41.251	51.089	61.470	74.453	88.287	99.940	106.300	103.676
Tunisia	5.248	6.511	7.788	9.086	10.440	11.940	14.213	16.074	16.985
Turkey	5.937	2.644	-0.196	-2.467	-4.071	-5.216	-6.797	-8.593	-9.238
Turkmenistan	17.567	16.904	16.584	17.643	18.391	18.837	19.024	18.867	18.604
Uganda	2.690	3.444	3.628	3.484	3.407	3.248	3.364	3.849	4.563
Ukraine	11.063	16.240	-1.308	-17.825	-31.657	-43.401	-60.135	-80.392	-91.008
United Arab Emirates	38.373	39.303	42.312	48.184	57.758	68.792	78.762	83.173	83.472
United Kingdom	11.366	8.833	-0.678	-8.807	-14.939	-19.638	-26.173	-33.689	-36.698
United States of America	20.485	13.085	-0.972	-12.196	-19.949	-25.221	-32.260	-39.794	-41.481
Uruguay	2.250	-0.515	-3.793	-5.519	-7.380	-9.425	1.256	21.415	25.728
Uzbekistan	8.528	10.433	12.237	13.074	13.875	14.607	15.196	15.400	15.209
Vanuatu	2.371	2.558	2.774	2.772	2.663	2.565	2.492	2.406	2.362
Venezuela	14.554	14.380	13.961	13.655	13.540	13.588	20.382	30.593	29.345
Vietnam	1.656	1.832	2.289	2.481	2.871	3.130	3.392	3.607	3.722
Yemen	1.685	1.634	1.610	1.700	1.801	1.904	1.990	2.022	1.990
Zambia	20.075	18.463	16.433	7.329	8.950	4.962	1.328	-2.009	-5.197
Zimbabwe	5.979	5.222	4.935	3.685	4.209	3.868	3.572	3.320	3.011

Appendix D11

450F Total Emission Allocations: Greenhouse Development Rights Approach (MtCO₂-eq)

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	32.07	40.43	52.38	58.72	62.12	64.63	70.97	78.29	81.88
Albania	18.12	21.85	24.84	25.35	25.80	24.78	24.20	23.52	22.80
Algeria	203.43	262.74	312.46	383.92	430.08	479.62	551.38	608.08	636.54
Angola	91.66	72.14	49.37	42.71	50.27	51.55	52.14	52.39	53.02
Antigua & Barbuda	2.31	2.26	2.21	2.41	2.54	2.61	2.62	2.55	2.44
Argentina	427.95	463.57	428.33	397.09	383.54	373.03	436.73	541.00	491.21
Armenia	7.85	7.86	6.68	5.88	5.37	4.96	4.08	2.76	2.15
Australia	575.90	487.20	230.68	20.02	-137.64	-279.56	-467.79	-712.46	-805.54
Austria	100.00	77.98	5.23	-59.68	-111.16	-153.27	-208.02	-268.54	-291.97
Azerbaijan	50.00	52.44	49.82	47.07	45.50	44.70	42.08	35.88	32.57
Bahamas	2.20	2.12	2.08	2.41	2.70	2.99	3.17	3.27	3.17
Bahrain	23.61	21.20	9.86	2.42	0.60	1.86	0.46	-6.07	-8.92
Bangladesh	133.98	138.83	150.77	187.91	229.18	273.86	325.81	371.10	396.96
Barbados	3.84	6.13	8.42	9.47	10.45	11.29	11.87	11.99	11.42
Belarus	73.86	67.37	50.65	43.63	37.94	30.07	19.35	4.34	-3.86
Belgium	153.71	130.34	37.34	-50.90	-121.82	-181.78	-257.67	-341.55	-374.83
Belize	29.38	24.22	19.21	78.26	75.44	68.93	62.30	55.25	47.52
Benin	115.60	181.63	198.68	250.40	255.87	295.05	337.69	373.76	405.55
Bhutan	1.79	2.39	3.03	3.57	4.21	4.89	5.71	6.35	6.82
Bolivia	100.27	53.78	2.46	-30.67	-62.53	-93.84	37.18	284.77	323.11
Bosnia & Herzegovina	24.47	26.06	25.22	25.38	24.65	22.78	19.56	15.12	11.54
Botswana	30.83	32.95	32.11	21.39	25.18	21.43	17.13	12.71	9.35
Brazil	1,808.11	1,169.02	328.95	-244.79	-788.28	-1,347.56	649.80	4,531.93	5,210.30
Brunei	10.02	11.82	14.10	15.99	18.39	18.42	17.87	17.38	16.45
Bulgaria	93.05	103.91	101.49	95.19	88.31	75.44	58.82	38.50	24.55
Burkina Faso	22.02	19.79	16.41	20.59	23.95	28.06	33.21	38.91	45.19
Burundi	10.08	14.15	15.31	16.29	17.89	19.84	23.31	28.96	37.14
Cambodia	74.03	76.03	103.35	94.09	101.14	94.31	87.95	85.21	90.22
Cameroon	201.28	272.56	239.67	305.22	271.35	303.25	339.89	375.48	410.17
Canada	822.99	649.95	189.78	-217.84	-531.14	-780.77	-1,076.87	-1,407.74	-1,557.12
Cape Verde	0.64	0.73	0.86	1.16	1.52	1.94	2.39	2.83	3.21
Central African Republic	43.88	48.32	40.08	51.08	50.12	57.24	65.17	71.56	77.86
Chad	29.56	32.39	30.20	38.02	41.14	47.54	54.82	61.23	67.31
Chile	118.68	127.37	107.95	96.29	92.35	87.11	92.49	102.69	79.86

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
China	7,936.61	8,402.87	7,973.06	8,512.32	9,418.34	10,093.29	10,122.86	9,618.07	8,984.99
Colombia	264.48	239.75	186.07	152.66	124.30	93.24	249.63	538.64	565.94
Comoros	0.87	1.49	2.23	2.94	3.78	4.61	5.71	6.99	8.58
Congo	31.29	36.52	28.69	36.38	31.88	36.45	41.53	46.80	51.73
Congo, Dem. Republic	758.20	1,050.93	911.82	1,133.04	949.06	1,049.91	1,156.85	1,255.84	1,353.39
Cook Islands	0.03	0.06	0.09	0.10	0.10	0.10	0.10	0.09	0.09
Costa Rica	25.01	21.44	14.58	38.71	34.96	30.12	23.98	16.85	11.58
Côte d'Ivoire	236.21	329.56	304.01	386.11	358.35	418.49	490.16	574.99	660.66
Croatia	37.80	39.44	32.40	25.53	19.37	11.68	1.06	-11.38	-15.18
Cuba	51.03	59.44	66.95	101.99	111.59	118.98	122.58	120.27	110.60
Cyprus	10.83	10.30	5.55	1.85	0.11	-0.46	-1.91	-4.57	-5.24
Czech Republic	176.02	184.91	144.10	103.81	67.37	25.86	-33.96	-106.49	-148.57
Denmark	69.24	54.91	4.71	-42.45	-79.68	-110.98	-150.45	-194.04	-211.01
Djibouti	2.08	2.63	3.42	4.77	6.28	7.82	9.61	11.36	13.11
Dominica	0.25	0.30	0.35	0.41	0.45	0.49	0.52	0.54	0.53
Dominican Republic	36.85	44.47	48.16	50.84	54.55	58.69	59.51	56.57	51.14
Ecuador	86.60	69.12	42.32	22.86	4.87	-13.81	76.69	244.10	264.76
Egypt	270.11	317.52	358.11	428.26	517.95	628.91	756.57	868.35	945.37
El Salvador	20.98	22.43	21.94	33.52	33.54	33.09	30.99	27.60	24.33
Equatorial Guinea	11.41	14.45	11.57	14.57	12.00	13.35	14.83	16.36	17.81
Eritrea	10.90	18.02	27.19	38.62	51.83	66.70	97.18	165.19	265.83
Estonia	16.02	12.75	4.15	-2.08	-7.42	-13.03	-19.97	-28.37	-32.47
Ethiopia	100.87	133.77	170.87	215.60	269.11	323.15	395.08	483.64	589.33
Fiji	3.25	3.20	3.22	3.44	3.46	3.46	3.48	3.44	3.45
Finland	74.53	65.12	22.15	-19.18	-52.22	-76.17	-113.44	-154.17	-171.57
France	584.51	456.76	20.92	-377.94	-691.00	-944.38	-1,276.31	-1,642.03	-1,781.18
Gabon	19.08	24.35	24.41	51.59	58.62	47.53	43.24	50.34	61.55
Gambia	2.33	3.51	4.34	5.88	7.12	8.68	10.44	11.97	13.37
Georgia	10.40	11.96	12.68	13.00	13.49	13.74	13.63	13.03	12.56
Germany	1,066.09	867.50	158.27	-498.90	-1,023.24	-1,463.42	-2,020.16	-2,638.29	-2,884.71
Ghana	90.47	122.69	119.60	154.46	157.19	188.23	222.45	255.92	284.48
Greece	136.46	114.44	30.59	-47.82	-110.13	-158.80	-226.87	-301.83	-332.69
Grenada	1.18	2.15	3.17	3.58	3.95	4.28	4.58	4.78	4.79
Guatemala	97.29	77.12	54.05	207.71	198.48	180.18	159.00	135.55	111.69
Guinea	39.04	46.94	41.17	52.47	51.50	60.99	71.85	83.16	93.86
Guinea-Bissau	5.42	7.40	7.84	10.20	11.10	13.13	15.40	17.39	19.22
Guyana	21.04	2.68	-15.74	-28.15	-40.65	-53.92	-0.70	101.63	121.06
Haiti	13.39	12.47	11.55	18.18	18.81	18.99	18.66	18.00	17.09
Honduras	36.89	31.46	25.09	73.80	71.92	67.17	61.22	54.35	47.01

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Hungary	105.05	110.11	88.90	69.08	51.26	30.46	-1.90	-39.82	-60.16
Iceland	3.51	2.66	-0.12	-2.63	-4.61	-6.25	-8.31	-10.57	-11.40
India	2,362.46	3,018.15	3,722.20	4,713.40	5,974.93	7,424.35	8,920.93	10,183.69	10,879.03
Indonesia	3,064.06	3,277.03	4,617.14	4,215.23	4,603.35	4,323.99	4,023.96	3,870.11	4,033.17
Iran	715.65	815.77	828.69	884.07	1,017.15	1,181.54	1,283.87	1,280.51	1,273.48
Iraq	132.58	142.15	148.84	169.45	197.57	229.94	259.77	277.64	283.83
Ireland	69.96	56.26	11.49	-28.21	-59.29	-82.95	-116.54	-153.49	-168.02
Israel	102.95	109.83	83.16	64.73	62.91	75.37	80.61	71.11	73.38
Italy	612.12	500.10	98.88	-271.61	-567.03	-812.23	-1,128.11	-1,476.33	-1,614.33
Jamaica	78.16	131.29	181.94	201.11	203.85	201.91	196.15	184.11	176.49
Japan	1,429.60	1,090.37	43.71	-936.00	-1,685.88	-2,340.73	-3,148.43	-4,069.00	-4,461.94
Jordan	34.06	46.08	58.11	68.68	80.55	94.62	108.74	119.12	124.16
Kazakhstan	213.23	224.81	204.07	186.10	176.39	170.35	151.83	118.28	99.75
Kenya	70.66	91.84	114.29	150.14	193.91	245.72	314.89	402.88	510.78
Kiribati	0.01	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Korea (North)	142.12	164.74	181.51	205.08	231.09	252.22	265.18	270.15	261.69
Korea (South)	702.96	766.41	600.24	517.89	505.40	505.22	423.24	269.61	209.17
Kuwait	94.57	82.60	38.06	12.74	7.85	15.01	11.21	-13.16	-23.78
Kyrgyzstan	13.73	18.26	22.85	25.27	27.40	29.09	30.13	30.37	29.80
Laos	39.80	41.45	54.08	50.85	54.33	51.71	49.24	48.53	51.06
Latvia	2.61	-2.69	-10.61	-14.05	-17.37	-22.31	-27.21	-32.42	-34.07
Lebanon	28.06	33.67	34.01	34.34	38.33	44.29	49.25	51.36	53.37
Lesotho	3.31	4.04	4.92	6.15	7.48	8.79	10.01	11.20	12.21
Liberia	83.75	116.67	96.49	120.10	94.05	103.58	113.43	123.28	132.95
Libya	82.28	99.68	107.44	124.17	135.57	150.29	168.42	176.78	180.19
Lithuania	14.32	9.67	-1.21	-8.23	-13.98	-20.65	-28.41	-37.24	-40.63
Luxembourg	13.37	9.86	-1.32	-11.18	-19.04	-25.60	-33.80	-42.89	-46.34
Macedonia, FYR	14.29	16.76	17.49	16.86	16.14	13.78	10.84	7.40	4.86
Madagascar	97.62	122.16	120.16	116.51	116.40	114.71	119.23	126.73	148.53
Malawi	34.41	36.25	37.45	25.77	32.12	27.67	23.28	19.23	14.39
Malaysia	859.29	890.89	1,181.60	1,003.21	1,056.11	935.05	795.76	693.91	722.04
Maldives	0.96	1.18	1.45	1.87	2.41	3.02	3.68	4.24	4.58
Mali	43.88	48.25	41.57	52.26	52.55	60.13	68.13	74.36	79.73
Malta	2.97	3.07	3.14	3.22	3.23	3.16	3.06	2.93	2.76
Mauritania	14.47	13.30	12.28	15.90	19.83	24.18	28.99	33.18	36.68
Mauritius	6.79	9.69	12.51	17.17	23.38	31.02	40.25	49.64	59.60
Mexico	846.02	858.47	712.38	912.50	886.85	878.32	792.28	616.31	475.66
Moldova	12.46	12.58	12.47	13.42	14.30	15.06	15.42	15.26	14.87
Mongolia	36.21	40.73	44.44	47.40	50.96	53.41	54.11	53.10	50.28
Morocco	98.08	114.77	130.40	155.06	187.58	226.70	272.60	310.20	330.72

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Mozambique	30.39	29.47	29.07	28.96	35.25	37.66	40.34	43.89	46.48
Myanmar	509.94	541.54	765.44	693.00	744.16	688.71	633.86	610.31	645.74
Namibia	14.67	16.44	17.55	18.90	22.71	26.08	29.19	31.87	34.31
Nauru	0.12	0.13	0.14	0.15	0.15	0.15	0.15	0.14	0.14
Nepal	210.99	246.42	326.51	344.18	315.68	271.98	259.72	276.57	249.68
Netherlands	236.60	188.12	29.24	-114.48	-229.20	-325.42	-446.31	-579.97	-632.44
New Zealand	82.25	70.41	44.13	21.68	4.07	-10.28	-27.03	-52.44	-59.12
Nicaragua	74.29	53.93	33.07	178.83	169.72	151.65	132.51	112.54	91.94
Niger	15.06	17.91	20.00	26.33	31.83	37.99	45.31	52.47	58.97
Nigeria	821.71	1,115.32	1,190.41	1,848.16	2,046.98	2,085.70	2,267.72	2,604.60	2,946.56
Niue	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Norway	51.42	35.22	-18.75	-67.98	-105.50	-133.06	-174.65	-219.40	-236.75
Oman	39.75	37.43	24.84	18.33	18.38	21.94	21.41	14.37	11.20
Pakistan	343.07	421.96	521.43	629.42	750.82	881.54	1,026.12	1,154.80	1,217.50
Palau	0.12	0.14	0.15	0.16	0.17	0.17	0.17	0.17	0.17
Panama	66.94	49.81	28.31	152.50	140.50	121.28	100.43	78.20	58.31
Papua New Guinea	34.09	-155.68	-237.10	-261.55	-297.07	-303.44	-262.70	-295.97	-232.54
Paraguay	107.47	154.64	188.33	179.04	168.30	155.91	187.40	256.28	275.17
Peru	184.63	102.56	5.42	-57.93	-118.90	-185.28	94.18	626.29	713.70
Philippines	254.60	281.75	344.50	350.83	394.56	417.67	436.78	450.72	466.74
Poland	469.46	499.25	423.91	343.82	267.18	169.68	36.40	-123.10	-218.87
Portugal	79.29	67.03	21.95	-16.81	-47.03	-65.12	-101.14	-139.98	-157.01
Qatar	53.25	43.93	13.35	-5.96	-14.10	-16.04	-25.62	-44.83	-52.09
Romania	179.62	204.62	198.11	181.35	164.91	135.14	94.78	45.04	12.06
Russian Federation	1,918.65	1,851.72	1,415.28	1,107.59	871.52	635.46	280.34	-215.14	-455.24
Rwanda	15.10	21.18	25.05	29.91	36.18	43.63	54.46	69.68	89.76
Saint Kitts & Nevis	0.19	0.28	0.38	0.44	0.49	0.53	0.56	0.58	0.57
Saint Lucia	0.95	1.41	1.88	2.13	2.35	2.55	2.71	2.80	2.76
Saint Vincent & Grenadines	0.47	0.62	0.77	0.86	0.93	0.98	1.00	1.00	0.97
Samoa	0.64	0.82	1.04	1.13	1.13	1.13	1.14	1.12	1.14
Sao Tome & Principe	0.31	0.45	0.62	0.84	1.09	1.38	1.69	1.98	2.22
Saudi Arabia	459.75	475.35	358.05	282.19	271.45	302.51	282.63	210.66	200.19
Senegal	32.20	42.68	50.25	67.23	83.65	108.44	139.01	173.05	205.96
Serbia & Montenegro	80.22	88.92	85.01	78.20	70.87	60.03	44.30	24.60	11.41
Seychelles	0.84	1.22	1.74	2.44	3.26	4.18	5.28	6.41	7.49
Sierra Leone	33.82	45.44	39.33	49.61	43.38	49.55	56.39	63.44	70.26
Singapore	59.15	38.86	-43.24	-110.26	-151.51	-178.17	-218.41	-271.48	-286.56

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Slovakia	85.35	93.86	86.11	74.19	63.68	48.31	29.81	8.07	-4.35
Slovenia	33.02	34.72	27.50	19.24	12.12	3.81	-6.31	-17.95	-23.29
Solomon Islands	0.46	0.34	0.33	0.34	0.31	0.30	0.33	0.27	0.32
South Africa	480.10	514.21	465.17	469.78	529.76	632.49	715.47	775.41	880.39
Spain	455.11	369.09	78.32	-180.23	-384.93	-546.48	-770.00	-1,016.00	-1,114.79
Sri Lanka	83.97	110.76	148.89	169.24	182.10	193.85	215.00	239.51	246.72
Sudan	192.89	235.75	277.50	340.26	421.24	509.69	636.81	798.07	1,015.73
Suriname	4.21	4.20	4.17	4.78	5.32	5.73	6.01	6.17	6.03
Swaziland	2.41	3.35	4.03	4.03	5.55	6.42	7.13	7.74	8.26
Sweden	70.63	50.12	-17.13	-77.74	-125.00	-161.19	-211.85	-267.35	-288.48
Switzerland	57.57	38.29	-23.09	-78.43	-122.03	-157.46	-202.45	-252.24	-270.61
Syria	88.15	104.11	117.04	132.32	152.69	175.53	191.46	197.85	199.81
Taiwan	359.20	357.90	187.20	62.19	-8.45	-68.21	-182.13	-347.11	-430.32
Tajikistan	9.64	10.00	10.28	12.53	14.78	16.52	18.13	18.67	19.08
Tanzania	103.77	118.01	136.36	154.12	185.07	205.00	224.97	247.63	260.99
Thailand	464.85	515.11	542.19	561.48	632.44	696.47	741.44	753.08	754.21
Togo	31.93	47.69	52.37	69.81	78.29	98.37	123.69	150.80	177.97
Tonga	0.21	0.21	0.22	0.23	0.23	0.23	0.23	0.22	0.22
Trinidad & Tobago	42.03	49.40	48.46	48.35	53.07	59.58	61.06	54.97	45.36
Tunisia	55.30	69.20	79.21	90.60	104.20	120.38	144.80	162.80	171.44
Turkey	458.09	486.55	435.88	439.81	499.40	583.31	661.45	695.63	732.45
Turkmenistan	89.94	87.28	78.23	77.96	78.05	77.43	73.10	65.21	62.49
Uganda	92.22	141.21	177.56	202.84	235.18	264.97	323.17	433.40	599.28
Ukraine	504.00	525.93	519.94	540.22	565.79	591.03	598.14	578.37	558.08
United Arab Emirates	191.74	192.81	139.88	113.90	135.55	181.83	204.08	168.77	145.80
United Kingdom	694.06	547.92	44.53	-418.82	-785.36	-1,092.31	-1,481.72	-1,911.83	-2,080.42
United States of America	6,375.51	4,813.30	-318.35	-4,638.64	-7,912.36	-9,991.61	-13,354.82	17,112.72	18,495.98
Uruguay	7.62	-3.45	-19.81	-30.56	-40.96	-51.42	-15.43	55.46	69.88
Uzbekistan	234.30	298.19	360.40	396.18	431.06	462.79	487.41	497.01	494.17
Vanuatu	0.55	0.63	0.73	0.76	0.77	0.77	0.77	0.77	0.77
Venezuela	416.70	418.33	365.06	319.02	291.30	276.56	519.62	913.55	878.28
Vietnam	145.99	169.05	218.39	243.45	289.14	321.69	353.27	378.18	391.64
Yemen	41.05	45.01	48.94	56.42	64.78	73.72	82.29	88.60	91.89
Zambia	249.93	248.06	236.27	111.52	143.68	82.96	22.16	-38.45	-100.56
Zimbabwe	78.53	83.46	86.92	70.21	86.73	85.41	84.32	83.63	81.04
World Total	48,737.71	48,119.21	37,936.68	30,913.19	26,625.70	23,579.00	21,392.82	19,829.92	18,728.16

Appendix D12

450F Per Capita Emission Allocations: Greenhouse Development Rights Approach (tCO₂-eq per person)

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	0.940	1.059	1.242	1.271	1.242	1.208	1.252	1.312	1.309
Albania	5.593	6.556	7.257	7.262	7.308	6.985	6.804	6.606	6.412
Algeria	5.829	7.107	8.024	9.444	10.236	11.142	12.584	13.715	14.285
Angola	5.102	3.633	2.259	1.783	1.928	1.831	1.727	1.630	1.558
Antigua & Barbuda	26.119	23.929	22.021	22.774	22.805	22.491	21.844	20.697	19.469
Argentina	10.467	10.793	9.545	8.514	7.948	7.503	8.563	10.388	9.282
Armenia	2.614	2.604	2.188	1.908	1.739	1.611	1.335	0.912	0.722
Australia	26.546	21.239	9.557	0.793	-5.239	-10.295	-16.748	-24.890	-27.537
Austria	12.103	9.427	0.633	-7.244	-13.610	-19.025	-26.287	-34.663	-38.593
Azerbaijan	5.752	5.770	5.254	4.807	4.543	4.390	4.081	3.452	3.124
Bahamas	6.500	6.012	5.658	6.350	6.936	7.522	7.901	8.098	7.842
Bahrain	30.410	25.723	11.324	2.646	0.632	1.895	0.455	-5.965	-8.645
Bangladesh	0.819	0.794	0.806	0.940	1.084	1.237	1.419	1.571	1.641
Barbados	12.893	20.244	27.426	30.562	33.659	36.542	38.814	39.900	38.845
Belarus	7.710	7.162	5.495	4.846	4.328	3.529	2.340	0.542	-0.500
Belgium	14.585	12.332	3.529	-4.816	-11.575	-17.410	-24.972	-33.601	-37.513
Belize	89.978	67.154	48.750	183.434	164.797	141.499	121.036	102.224	84.189
Benin	11.694	15.925	15.223	16.911	15.372	15.927	16.541	16.764	16.797
Bhutan	2.626	3.305	3.975	4.481	5.064	5.677	6.433	6.988	7.366
Bolivia	9.960	4.920	0.209	-2.431	-4.659	-6.612	2.492	18.271	19.950
Bosnia & Herzegovina	6.205	6.613	6.436	6.557	6.495	6.159	5.454	4.369	3.474
Botswana	15.227	15.132	13.919	8.842	10.019	8.244	6.381	4.581	3.262
Brazil	9.095	5.569	1.495	-1.068	-3.320	-5.511	2.595	17.788	20.218
Brunei	24.501	26.557	29.320	30.945	33.410	31.664	29.288	27.306	24.889
Bulgaria	12.529	14.565	14.872	14.642	14.309	12.913	10.673	7.440	5.080
Burkina Faso	1.353	1.043	0.745	0.809	0.820	0.842	0.879	0.915	0.951
Burundi	1.061	1.270	1.184	1.094	1.053	1.033	1.084	1.216	1.421
Cambodia	4.863	4.564	5.691	4.808	4.857	4.297	3.826	3.561	3.649
Cameroon	10.119	12.362	9.905	11.600	9.561	9.976	10.510	10.979	11.398
Canada	24.434	18.560	5.227	-5.813	-13.804	-19.864	-26.936	-34.723	-37.941
Cape Verde	1.230	1.359	1.571	2.117	2.787	3.604	4.589	5.679	6.832
Central African Republic	9.704	9.962	7.768	9.399	8.836	9.730	10.725	11.431	12.087
Chad	2.598	2.580	2.193	2.532	2.522	2.692	2.876	2.985	3.046

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Chile	6.956	7.171	5.868	5.086	4.775	4.442	4.681	5.186	4.044
China	5.898	6.039	5.581	5.866	6.453	6.918	6.969	6.675	6.318
Colombia	5.523	4.735	3.499	2.752	2.166	1.584	4.164	8.886	9.291
Comoros	1.264	1.885	2.499	2.915	3.345	3.673	4.121	4.616	5.228
Congo	7.572	7.667	5.261	5.894	4.623	4.792	5.005	5.219	5.381
Congo, Dem. Republic	11.007	13.089	9.819	10.636	7.840	7.707	7.616	7.482	7.360
Cook Islands	1.851	4.197	7.159	8.190	9.155	9.924	10.424	10.676	10.661
Costa Rica	5.387	4.338	2.791	7.067	6.140	5.130	3.989	2.756	1.875
Côte d'Ivoire	11.419	14.402	12.135	14.216	12.274	13.435	14.848	16.530	18.123
Croatia	8.525	8.938	7.406	5.906	4.558	2.808	0.262	-2.888	-3.976
Cuba	4.472	5.162	5.782	8.806	9.696	10.476	11.012	11.100	10.555
Cyprus	13.095	11.544	5.842	1.855	0.110	-0.438	-1.805	-4.320	-5.024
Czech Republic	17.266	18.268	14.400	10.552	7.001	2.758	-3.728	-12.064	-17.408
Denmark	12.591	9.867	0.837	-7.472	-13.947	-19.435	-26.518	-34.542	-37.963
Djibouti	2.325	2.630	3.073	3.885	4.694	5.431	6.268	7.040	7.783
Dominica	3.486	4.113	4.789	5.471	6.106	6.774	7.409	7.934	8.144
Dominican Republic	3.611	4.056	4.113	4.092	4.166	4.278	4.164	3.819	3.348
Ecuador	6.125	4.557	2.619	1.338	0.272	-0.740	3.978	12.339	13.124
Egypt	3.342	3.573	3.705	4.111	4.644	5.296	6.015	6.560	6.828
El Salvador	2.891	2.856	2.594	3.693	3.459	3.211	2.842	2.404	2.022
Equatorial Guinea	20.555	22.860	16.210	18.257	13.559	13.748	14.038	14.366	14.616
Eritrea	2.107	3.092	4.195	5.415	6.664	7.929	10.766	17.184	26.156
Estonia	12.289	10.103	3.418	-1.793	-6.728	-12.473	-20.224	-30.513	-37.301
Ethiopia	1.143	1.294	1.415	1.535	1.652	1.718	1.830	1.964	2.112
Fiji	3.662	3.372	3.189	3.215	3.064	2.916	2.800	2.652	2.565
Finland	14.121	12.301	4.184	-3.637	-9.997	-14.803	-22.471	-31.181	-35.446
France	9.327	7.120	0.320	-5.704	-10.313	-13.980	-18.817	-24.219	-26.385
Gabon	13.348	15.436	14.064	27.031	27.966	20.687	17.208	18.354	20.603
Gambia	1.259	1.676	1.846	2.247	2.459	2.737	3.027	3.216	3.347
Georgia	2.363	2.764	2.986	3.132	3.334	3.490	3.557	3.497	3.471
Germany	12.950	10.581	1.943	-6.184	-12.853	-18.686	-26.287	-35.049	-39.173
Ghana	3.639	4.518	4.068	4.891	4.665	5.268	5.906	6.486	6.921
Greece	12.196	10.204	2.736	-4.305	-9.998	-14.552	-21.026	-28.382	-31.849
Grenada	10.834	19.273	27.777	31.123	34.277	37.484	40.854	43.845	45.890
Guatemala	6.882	4.955	3.185	11.335	10.120	8.653	7.241	5.889	4.656
Guinea	3.845	4.051	3.119	3.501	3.040	3.204	3.381	3.528	3.614
Guinea-Bissau	3.065	3.798	3.667	4.380	4.406	4.845	5.312	5.633	5.879
Guyana	29.532	3.806	-21.924	-37.618	-52.180	-66.932	-0.843	121.410	143.165
Haiti	1.314	1.116	0.948	1.373	1.319	1.247	1.156	1.057	0.958
Honduras	4.860	3.785	2.790	7.657	7.018	6.208	5.392	4.588	3.821
Hungary	10.548	11.208	9.185	7.262	5.498	3.340	-0.213	-4.591	-7.127

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Iceland	11.366	8.321	-0.357	-7.784	-13.389	-17.909	-23.637	-30.035	-32.469
India	2.007	2.403	2.798	3.365	4.077	4.870	5.657	6.276	6.546
Indonesia	13.088	13.297	17.911	15.707	16.549	15.080	13.706	12.965	13.372
Iran	10.003	10.838	10.486	10.789	12.139	13.893	14.919	14.753	14.644
Iraq	4.468	4.268	4.035	4.196	4.508	4.871	5.148	5.188	5.040
Ireland	15.893	12.136	2.374	-5.624	-11.474	-15.641	-21.487	-27.801	-30.064
Israel	13.634	13.479	9.552	7.016	6.477	7.416	7.636	6.537	6.600
Italy	10.447	8.594	1.719	-4.788	-10.155	-14.807	-21.010	-28.209	-31.761
Jamaica	28.293	45.867	61.461	65.772	64.733	62.469	59.288	54.470	51.177
Japan	11.253	8.727	0.359	-7.930	-14.824	-21.466	-30.258	-41.132	-47.545
Jordan	5.152	6.743	7.739	8.378	9.065	9.880	10.588	10.877	10.703
Kazakhstan	13.827	14.300	12.805	11.631	11.067	10.775	9.712	7.685	6.623
Kenya	1.730	2.013	2.320	2.872	3.512	4.209	5.120	6.272	7.686
Kiribati	0.125	0.217	0.288	0.271	0.252	0.231	0.208	0.188	0.170
Korea (North)	5.870	6.689	7.281	8.175	9.195	10.047	10.614	10.917	10.729
Korea (South)	14.367	15.511	12.087	10.427	10.252	10.425	8.968	5.918	4.794
Kuwait	31.254	23.218	9.370	2.811	1.571	2.740	1.881	-2.042	-3.434
Kyrgyzstan	2.494	3.089	3.621	3.785	3.908	3.964	3.934	3.814	3.619
Laos	6.245	5.824	6.867	5.901	5.811	5.127	4.559	4.236	4.244
Latvia	1.170	-1.242	-5.085	-7.017	-9.084	-12.238	-15.678	-19.699	-21.962
Lebanon	6.599	7.553	7.343	7.176	7.776	8.763	9.568	9.883	10.265
Lesotho	1.660	2.015	2.460	3.101	3.836	4.598	5.342	6.076	6.707
Liberia	19.982	25.077	18.815	21.304	15.233	15.399	15.571	15.710	15.808
Libya	12.432	13.644	13.520	14.531	14.869	15.524	16.474	16.499	16.181
Lithuania	4.254	2.915	-0.370	-2.583	-4.523	-6.912	-9.873	-13.470	-15.354
Luxembourg	27.545	19.196	-2.435	-19.556	-31.695	-40.739	-51.656	-63.176	-65.933
Macedonia, FYR	6.935	8.042	8.326	8.001	7.678	6.610	5.269	3.658	2.455
Madagascar	4.506	4.867	4.160	3.529	3.107	2.720	2.530	2.425	2.582
Malawi	2.272	2.088	1.891	1.150	1.278	0.990	0.755	0.570	0.392
Malaysia	30.687	29.273	35.881	28.320	27.916	23.312	18.828	15.655	15.599
Maldives	2.776	3.430	4.214	5.495	6.838	8.279	9.822	11.061	11.735
Mali	3.324	3.208	2.428	2.698	2.420	2.497	2.577	2.587	2.574
Malta	7.192	7.305	7.390	7.548	7.582	7.511	7.362	7.184	6.872
Mauritania	4.325	3.541	2.937	3.442	3.915	4.387	4.865	5.187	5.375
Mauritius	5.245	7.230	9.068	12.153	16.272	21.367	27.633	34.174	41.348
Mexico	7.749	7.451	5.888	7.220	6.759	6.488	5.707	4.353	3.313
Moldova	3.232	3.276	3.272	3.571	3.889	4.203	4.432	4.532	4.580
Mongolia	13.163	13.775	14.107	14.277	14.702	14.850	14.580	13.960	12.999
Morocco	3.076	3.416	3.700	4.216	4.911	5.744	6.715	7.463	7.806
Mozambique	1.352	1.197	1.078	0.984	1.104	1.093	1.088	1.103	1.090
Myanmar	10.211	10.463	14.358	12.703	13.410	12.277	11.242	10.830	11.524

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Namibia	6.922	7.463	7.787	8.310	9.997	11.601	13.187	14.646	16.025
Nauru	8.254	8.480	8.568	8.402	8.144	7.700	7.074	6.543	5.962
Nepal	7.288	7.810	9.545	9.398	8.118	6.643	6.072	6.223	5.430
Netherlands	14.173	11.074	1.696	-6.562	-13.039	-18.475	-25.436	-33.317	-36.681
New Zealand	18.942	15.534	9.365	4.445	0.811	-2.005	-5.185	-9.945	-11.135
Nicaragua	12.404	8.283	4.709	23.797	21.279	18.047	15.067	12.298	9.710
Niger	0.943	0.935	0.874	0.968	0.991	1.012	1.046	1.062	1.060
Nigeria	5.251	6.486	6.350	9.115	9.402	8.982	9.217	10.050	10.846
Niue	1.055	1.843	2.513	2.461	2.353	2.235	2.045	1.878	1.671
Norway	10.925	7.360	-3.851	-13.736	-21.057	-26.399	-34.647	-43.675	-47.361
Oman	13.506	10.969	6.353	4.142	3.712	4.007	3.574	2.214	1.605
Pakistan	2.030	2.320	2.677	3.029	3.402	3.783	4.201	4.539	4.619
Palau	5.727	6.477	7.179	7.522	7.458	7.366	7.321	7.307	7.342
Panama	19.160	13.295	7.096	36.152	31.729	26.295	21.069	15.995	11.714
Papua New Guinea	5.037	-20.909	-29.270	-29.962	-31.850	-30.697	-25.268	-27.252	-20.613
Paraguay	16.156	20.750	22.711	19.540	16.743	14.244	15.836	20.166	20.284
Peru	6.349	3.335	0.168	-1.718	-3.404	-5.159	2.568	16.824	18.997
Philippines	2.725	2.749	3.087	2.910	3.050	3.029	2.991	2.932	2.903
Poland	12.331	13.169	11.285	9.300	7.389	4.821	1.067	-3.732	-6.892
Portugal	7.398	6.202	2.028	-1.558	-4.389	-6.144	-9.696	-13.721	-15.832
Qatar	62.500	49.616	14.550	-6.266	-14.322	-15.747	-24.318	-41.097	-46.064
Romania	8.358	9.617	9.446	8.804	8.173	6.849	4.925	2.409	0.666
Russian Federation	13.729	13.579	10.674	8.618	7.005	5.272	2.399	-1.900	-4.158
Rwanda	1.422	1.741	1.820	1.936	2.094	2.261	2.533	2.918	3.397
Saint Kitts & Nevis	3.841	5.453	7.008	7.695	8.198	8.667	8.964	9.098	8.871
Saint Lucia	5.657	8.194	10.770	12.066	13.213	14.318	15.329	16.071	16.241
Saint Vincent & Grenadines	3.997	5.358	6.781	7.631	8.295	8.874	9.217	9.348	9.265
Samoa	3.256	3.900	4.573	4.570	4.201	3.853	3.577	3.240	3.027
Sao Tome & Principe	1.758	2.182	2.586	3.113	3.634	4.182	4.720	5.142	5.394
Saudi Arabia	17.978	17.207	12.179	9.033	8.123	8.429	7.336	5.120	4.588
Senegal	2.385	2.776	2.895	3.463	3.884	4.575	5.368	6.161	6.810
Serbia & Montenegro	7.567	8.584	8.399	7.914	7.359	6.411	4.881	2.803	1.347
Seychelles	9.626	13.369	18.302	24.992	32.682	41.355	52.098	63.565	75.430
Sierra Leone	5.434	6.515	5.004	5.575	4.301	4.346	4.388	4.397	4.356
Singapore	13.053	8.261	-8.945	-22.425	-30.641	-36.262	-45.294	-58.109	-64.138
Slovakia	15.731	17.219	15.802	13.704	11.904	9.179	5.779	1.601	-0.886
Slovenia	16.568	17.591	14.164	10.134	6.564	2.128	-3.657	-10.815	-14.656
Solomon Islands	0.868	0.569	0.502	0.468	0.400	0.362	0.370	0.293	0.327
South Africa	9.899	10.784	9.706	9.765	10.980	13.080	14.764	15.956	18.046
Spain	10.433	8.475	1.815	-4.233	-9.184	-13.260	-19.048	-25.753	-29.138
Sri Lanka	4.069	5.159	6.716	7.442	7.847	8.224	9.026	10.009	10.321

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Sudan	4.702	5.154	5.457	6.060	6.836	7.572	8.689	10.026	11.782
Suriname	8.814	8.347	7.897	8.692	9.340	9.789	10.085	10.229	9.957
Swaziland	1.985	2.594	2.967	2.830	3.743	4.182	4.518	4.794	5.015
Sweden	7.765	5.463	-1.848	-8.324	-13.373	-17.327	-22.940	-29.164	-31.676
Switzerland	7.605	5.009	-3.000	-10.160	-15.844	-20.618	-26.876	-34.090	-37.350
Syria	3.901	4.471	4.647	4.899	5.315	5.786	6.018	5.972	5.833
Taiwan	15.469	15.288	7.974	2.656	-0.364	-3.002	-8.251	-16.325	-21.164
Tajikistan	1.340	1.270	1.205	1.371	1.522	1.611	1.684	1.661	1.636
Tanzania	2.431	2.512	2.678	2.832	3.214	3.388	3.558	3.766	3.833
Thailand	7.139	7.701	7.938	8.093	9.032	9.920	10.594	10.853	11.019
Togo	4.459	5.823	5.636	6.680	6.709	7.590	8.637	9.580	10.345
Tonga	1.957	1.860	1.757	1.706	1.636	1.553	1.462	1.384	1.307
Trinidad & Tobago	31.955	37.751	37.447	38.151	43.047	49.793	52.548	48.691	41.386
Tunisia	5.248	6.268	6.888	7.628	8.572	9.752	11.622	13.024	13.770
Turkey	5.937	5.946	5.067	4.901	5.372	6.098	6.765	7.008	7.317
Turkmenistan	17.567	16.101	13.655	12.970	12.499	12.034	11.087	9.687	9.127
Uganda	2.690	3.444	3.627	3.482	3.405	3.246	3.362	3.847	4.561
Ukraine	11.063	11.914	12.179	13.123	14.282	15.513	16.331	16.448	16.571
United Arab Emirates	38.373	33.218	21.444	16.058	18.036	23.294	25.567	20.944	18.105
United Kingdom	11.366	8.844	0.709	-6.586	-12.257	-16.996	-23.068	-29.850	-32.634
United States of America	20.485	14.738	-0.930	-12.936	-21.117	-25.568	-32.817	-40.416	-41.997
Uruguay	2.250	-0.997	-5.618	-8.522	-11.258	-13.992	-4.176	15.004	18.973
Uzbekistan	8.528	10.358	11.959	12.626	13.307	13.948	14.422	14.499	14.273
Vanuatu	2.371	2.558	2.774	2.772	2.663	2.565	2.492	2.406	2.362
Venezuela	14.554	13.586	11.098	9.139	7.923	7.196	13.021	22.173	20.744
Vietnam	1.656	1.820	2.247	2.414	2.785	3.030	3.274	3.470	3.579
Yemen	1.685	1.628	1.588	1.666	1.761	1.860	1.940	1.967	1.936
Zambia	20.075	18.455	16.404	7.283	8.893	4.897	1.254	-2.093	-5.282
Zimbabwe	5.979	5.203	4.870	3.586	4.089	3.736	3.425	3.158	2.853

Appendix E

Appendix E1

450S Total Emission Allocations: Contraction & Convergence Approach (MtCO₂-eq)

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	32.07	39.90	48.50	57.99	68.06	78.42	89.06	100.05	111.40
Albania	18.12	17.05	15.89	14.54	13.02	11.39	9.73	8.04	6.34
Algeria	203.43	196.80	187.60	175.27	159.89	142.04	122.40	101.42	79.39
Angola	91.66	93.06	93.37	92.36	89.71	85.22	78.83	70.61	60.62
Antigua & Barbuda	2.31	2.18	2.01	1.80	1.55	1.27	0.94	0.59	0.22
Argentina	427.95	402.94	372.28	336.29	295.53	250.50	201.61	149.33	94.28
Armenia	7.85	7.58	7.35	7.09	6.78	6.45	6.09	5.71	5.31
Australia	575.90	537.95	491.31	436.00	372.11	300.56	222.69	139.61	52.12
Austria	100.00	89.45	78.74	67.82	56.70	45.54	34.52	23.80	13.48
Azerbaijan	50.00	47.77	45.13	41.74	37.73	33.30	28.60	23.68	18.57
Bahamas	2.20	2.09	1.96	1.80	1.61	1.41	1.19	0.96	0.72
Bahrain	23.61	22.12	20.24	17.97	15.29	12.25	8.95	5.45	1.84
Bangladesh	133.98	164.14	198.28	235.75	274.84	314.44	353.74	392.55	430.97
Barbados	3.84	3.49	3.11	2.70	2.28	1.84	1.39	0.95	0.52
Belarus	73.86	65.56	57.41	49.40	41.61	34.13	26.99	20.18	13.74
Belgium	153.71	137.24	120.46	103.41	86.13	68.74	51.41	34.38	17.80
Belize	29.38	28.47	26.77	24.28	21.00	16.98	12.27	6.92	1.01
Benin	115.60	119.24	120.28	118.11	112.15	101.86	86.96	67.35	43.02
Bhutan	1.79	1.82	1.84	1.84	1.83	1.81	1.77	1.71	1.65
Bolivia	100.27	97.70	93.24	86.95	78.80	68.81	57.07	43.70	28.86
Bosnia & Herzegovina	24.47	22.28	19.98	17.60	15.16	12.73	10.36	8.08	5.92
Botswana	30.83	29.50	27.37	24.64	21.38	17.74	13.81	9.60	5.10
Brazil	1,808.11	1,717.30	1,599.11	1,456.21	1,291.20	1,106.29	903.82	686.83	459.16
Brunei	10.02	9.64	9.05	8.26	7.23	5.99	4.55	2.94	1.18
Bulgaria	93.05	79.80	67.17	55.25	44.16	33.96	24.63	16.17	8.61
Burkina Faso	22.02	26.68	32.16	38.50	45.79	54.04	63.28	73.51	84.68
Burundi	10.08	12.83	16.05	19.82	24.16	29.03	34.42	40.28	46.58
Cambodia	74.03	74.61	74.33	72.56	69.19	64.47	58.66	51.85	44.05
Cameroon	201.28	200.13	194.42	183.99	168.89	149.20	125.03	96.58	64.12
Canada	822.99	756.50	681.46	597.29	504.34	403.92	297.63	187.03	73.12
Cape Verde	0.64	0.70	0.74	0.79	0.82	0.85	0.86	0.85	0.84
Central African Republic	43.88	42.27	39.85	36.59	32.58	27.96	22.86	17.35	11.48
Chad	29.56	31.33	32.95	34.42	35.72	36.87	37.84	38.64	39.37
Chile	118.68	112.07	104.17	94.97	84.50	73.00	60.77	48.09	35.19
China	7,936.61	7,490.73	6,955.25	6,318.48	5,604.09	4,851.28	4,082.84	3,308.56	2,533.89
Colombia	264.48	255.94	243.94	228.49	209.56	187.48	162.87	136.35	108.53
Comoros	0.87	1.05	1.25	1.47	1.72	1.99	2.29	2.60	2.92

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Congo	31.29	32.61	33.40	33.33	32.25	30.07	26.80	22.47	17.13
Congo, Dem. Republic	758.20	791.14	807.99	804.04	774.03	713.98	620.91	492.59	327.63
Cook Islands	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Costa Rica	25.01	24.40	23.44	22.10	20.41	18.40	16.13	13.65	11.01
Côte d'Ivoire	236.21	233.73	225.71	212.00	192.71	168.07	138.36	103.88	64.95
Croatia	37.80	33.89	29.92	25.92	21.90	17.93	14.06	10.34	6.80
Cuba	51.03	47.62	43.99	40.11	35.99	31.69	27.32	22.95	18.67
Cyprus	10.83	10.42	9.75	8.83	7.67	6.33	4.89	3.38	1.86
Czech Republic	176.02	155.18	134.03	112.73	91.64	71.14	51.49	32.81	15.21
Denmark	69.24	62.55	55.63	48.50	41.06	33.32	25.44	17.60	9.90
Djibouti	2.08	2.26	2.43	2.60	2.75	2.86	2.94	2.98	3.00
Dominica	0.25	0.24	0.23	0.21	0.19	0.17	0.16	0.14	0.12
Dominican Republic	36.85	37.08	36.92	36.34	35.31	33.85	32.00	29.78	27.21
Ecuador	86.60	84.68	81.44	76.80	70.84	63.62	55.28	45.99	35.94
Egypt	270.11	279.68	285.39	287.24	285.74	281.09	273.16	261.68	246.68
El Salvador	20.98	21.61	22.11	22.46	22.65	22.65	22.45	22.05	21.44
Equatorial Guinea	11.41	11.51	11.32	10.79	9.88	8.57	6.84	4.70	2.17
Eritrea	10.90	12.04	13.13	14.16	15.12	16.01	16.82	17.52	18.11
Estonia	16.02	13.85	11.74	9.69	7.76	5.98	4.35	2.88	1.55
Ethiopia	100.87	126.45	157.28	194.25	238.24	290.03	350.21	419.15	497.09
Fiji	3.25	3.25	3.22	3.16	3.07	2.95	2.80	2.61	2.39
Finland	74.53	66.59	58.44	50.07	41.54	32.98	24.57	16.44	8.62
France	584.51	537.84	486.09	430.54	372.17	311.48	248.79	184.74	120.28
Gabon	19.08	18.77	18.15	17.20	15.86	14.06	11.74	8.85	5.32
Gambia	2.33	2.77	3.26	3.81	4.40	5.03	5.69	6.39	7.12
Georgia	10.40	9.91	9.42	8.90	8.39	7.87	7.38	6.91	6.45
Germany	1,066.09	947.27	827.49	706.88	586.41	467.55	351.50	239.21	131.20
Ghana	90.47	92.51	93.34	92.93	91.33	88.55	84.59	79.46	73.24
Greece	136.46	122.19	107.25	92.08	76.99	62.06	47.32	32.79	18.61
Grenada	1.18	1.08	0.98	0.86	0.73	0.59	0.45	0.32	0.19
Guatemala	97.29	97.19	95.14	91.06	84.95	76.93	67.12	55.68	42.74
Guinea	39.04	41.56	43.94	46.04	47.66	48.64	48.83	48.08	46.27
Guinea-Bissau	5.42	5.66	5.86	6.01	6.10	6.13	6.10	5.99	5.82
Guyana	21.04	18.32	16.22	14.31	12.20	9.82	7.19	4.40	1.51
Haiti	13.39	15.33	17.45	19.72	22.07	24.46	26.88	29.33	31.80
Honduras	36.89	37.19	36.78	35.71	34.03	31.77	28.97	25.66	21.92
Hungary	105.05	92.87	80.88	69.07	57.49	46.22	35.37	24.96	15.04
Iceland	3.51	3.25	2.95	2.63	2.27	1.88	1.47	1.05	0.63
India	2,362.46	2,485.32	2,595.53	2,692.97	2,776.45	2,845.14	2,898.47	2,936.69	2,961.23
Indonesia	3,064.06	2,877.09	2,645.21	2,374.42	2,068.06	1,726.62	1,352.91	953.73	537.39
Iran	715.65	675.60	628.11	567.03	493.74	413.71	330.20	243.84	154.95

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Iraq	132.58	137.65	140.05	139.77	136.97	131.66	123.79	113.32	100.33
Ireland	69.96	65.49	59.86	53.16	45.66	37.51	28.80	19.57	9.96
Israel	102.95	99.02	92.90	84.77	74.86	63.28	50.09	35.49	19.81
Italy	612.12	544.86	476.31	408.24	341.42	275.97	211.98	149.93	90.56
Jamaica	78.16	71.50	64.13	56.11	47.35	37.89	27.82	17.22	6.14
Japan	1,429.60	1,258.16	1,082.76	909.03	741.23	581.59	431.78	293.38	167.21
Jordan	34.06	32.33	32.36	31.87	30.80	29.17	26.95	24.13	20.67
Kazakhstan	213.23	193.71	172.36	148.96	124.39	99.58	74.93	50.60	26.83
Kenya	70.66	79.26	85.89	91.45	96.96	102.88	108.79	114.03	118.41
Kiribati	0.01	0.04	0.07	0.11	0.16	0.21	0.27	0.33	0.40
Korea (North)	142.12	131.98	120.86	108.79	96.15	83.22	70.05	56.73	43.46
Korea (South)	702.96	632.15	557.20	479.18	398.05	315.06	232.57	152.83	77.73
Kuwait	94.57	98.08	97.02	91.60	82.60	70.28	54.54	35.23	12.34
Kyrgyzstan	13.73	14.22	14.62	14.87	14.99	15.03	15.01	14.90	14.67
Laos	39.80	40.48	40.39	39.39	37.52	34.86	31.29	26.80	21.43
Latvia	2.61	2.69	2.76	2.80	2.82	2.83	2.83	2.81	2.76
Lebanon	28.06	26.74	24.99	22.94	20.65	18.14	15.37	12.39	9.26
Lesotho	3.31	3.36	3.38	3.38	3.36	3.32	3.28	3.26	3.24
Liberia	83.75	82.39	79.14	74.17	67.18	57.89	46.13	31.83	14.99
Libya	82.28	81.09	77.64	72.10	64.80	55.91	45.43	33.35	19.84
Lithuania	14.32	13.09	11.86	10.60	9.33	8.09	6.91	5.78	4.71
Luxembourg	13.37	12.49	11.45	10.23	8.81	7.19	5.38	3.40	1.25
Macedonia, FYR	14.29	13.11	11.86	10.54	9.16	7.74	6.32	4.91	3.53
Madagascar	97.62	104.53	110.48	115.04	117.77	118.24	116.07	110.93	102.51
Malawi	34.41	38.40	42.58	46.80	50.95	54.93	58.70	62.18	65.33
Malaysia	859.29	823.97	772.58	703.08	614.17	506.23	380.73	239.13	82.47
Maldives	0.96	0.91	0.87	0.82	0.80	0.79	0.76	0.73	0.69
Mali	43.88	47.09	50.30	53.17	55.42	56.84	57.30	56.75	55.18
Malta	2.97	2.73	2.48	2.20	1.91	1.61	1.30	1.00	0.71
Mauritania	14.47	15.05	15.43	15.58	15.46	15.08	14.40	13.43	12.16
Mauritius	6.79	6.45	6.04	5.57	5.05	4.47	3.86	3.22	2.57
Mexico	846.02	806.86	757.15	696.55	625.28	544.13	454.49	357.86	255.80
Moldova	12.46	11.72	10.94	10.10	9.22	8.33	7.46	6.61	5.79
Mongolia	36.21	34.72	32.51	29.53	25.90	21.76	17.17	12.19	6.89
Morocco	98.08	97.91	97.00	95.29	92.77	89.47	85.46	80.78	75.48
Mozambique	30.39	34.61	39.37	44.54	50.03	55.85	62.07	68.76	75.95
Myanmar	509.94	473.98	432.03	384.63	332.76	277.29	219.28	159.79	99.83
Namibia	14.67	13.83	12.70	11.36	9.88	8.34	6.79	5.27	3.81
Nauru	0.12	0.11	0.11	0.10	0.09	0.08	0.07	0.06	0.04
Nepal	210.99	208.22	202.21	191.28	176.34	157.47	135.10	109.78	81.93
Netherlands	236.60	214.45	190.93	166.20	140.23	113.23	85.62	57.98	30.72

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
New Zealand	82.25	76.13	69.05	61.00	51.99	42.14	31.65	20.70	9.46
Nicaragua	74.29	72.11	68.45	63.28	56.57	48.44	39.03	28.46	16.87
Niger	15.06	20.06	26.38	34.23	43.78	55.07	68.11	82.82	99.10
Nigeria	821.71	828.40	821.76	800.89	765.57	715.81	651.73	574.15	484.05
Niue	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
Norway	51.42	46.81	42.06	37.10	31.83	26.26	20.50	14.69	8.91
Oman	39.75	41.09	41.34	40.32	37.85	33.83	28.23	21.08	12.43
Pakistan	343.07	363.51	383.24	402.41	420.63	436.83	450.29	461.14	469.59
Palau	0.12	0.11	0.10	0.09	0.08	0.07	0.06	0.05	0.04
Panama	66.94	63.64	59.10	53.33	46.37	38.27	29.20	19.33	8.87
Papua New Guinea	34.09	34.48	34.21	33.32	31.80	29.68	26.99	23.77	20.10
Paraguay	107.47	107.01	104.17	98.64	90.15	78.50	63.61	45.48	24.17
Peru	184.63	177.71	168.25	156.33	142.00	125.51	107.23	87.58	66.94
Philippines	254.60	267.27	277.79	285.90	291.51	294.49	294.68	292.01	286.50
Poland	469.46	417.50	364.12	309.62	255.15	201.93	150.82	102.26	56.58
Portugal	79.29	72.36	64.88	57.09	49.17	41.20	33.23	25.34	17.67
Qatar	53.25	48.62	43.41	37.76	31.63	25.00	17.87	10.22	2.01
Romania	179.62	160.35	140.82	121.36	102.30	83.82	65.93	48.69	32.24
Russian Federation	1,918.65	1,668.48	1,424.25	1,188.58	964.89	754.74	557.23	370.79	195.05
Rwanda	15.10	17.84	20.81	24.05	27.68	31.77	36.37	41.48	47.08
Saint Kitts & Nevis	0.19	0.19	0.18	0.18	0.17	0.16	0.14	0.13	0.11
Saint Lucia	0.95	0.89	0.82	0.74	0.66	0.58	0.49	0.39	0.30
Saint Vincent & Grenadines	0.47	0.43	0.39	0.36	0.32	0.29	0.25	0.22	0.19
Samoa	0.64	0.65	0.66	0.67	0.68	0.68	0.68	0.68	0.67
Sao Tome & Principe	0.31	0.37	0.42	0.47	0.53	0.58	0.63	0.69	0.73
Saudi Arabia	459.75	440.72	409.51	371.90	330.15	281.93	224.63	156.60	77.73
Senegal	32.20	35.51	38.78	41.91	44.86	47.59	50.04	52.16	53.88
Serbia & Montenegro	80.22	70.89	61.95	53.33	45.02	36.99	29.30	21.98	15.09
Seychelles	0.84	0.79	0.73	0.65	0.57	0.48	0.38	0.28	0.18
Sierra Leone	33.82	34.72	35.53	36.17	36.39	35.93	34.63	32.29	28.74
Singapore	59.15	54.78	49.48	43.40	36.67	29.52	22.18	14.91	7.96
Slovakia	85.35	76.25	66.72	56.85	46.84	36.91	27.19	17.77	8.74
Slovenia	33.02	29.05	24.99	20.92	16.94	13.10	9.46	6.03	2.83
Solomon Islands	0.46	0.59	0.72	0.87	1.02	1.19	1.37	1.55	1.74
South Africa	480.10	423.67	377.17	329.79	281.78	233.35	184.69	135.90	86.92
Spain	455.11	407.26	356.94	306.08	255.98	207.14	159.46	112.96	68.17
Sri Lanka	83.97	81.22	77.53	73.02	67.88	62.21	56.06	49.48	42.59
Sudan	192.89	198.40	201.99	202.53	199.77	193.65	184.10	170.88	153.60
Suriname	4.21	3.99	3.72	3.40	3.02	2.59	2.11	1.60	1.08
Swaziland	2.41	2.53	2.63	2.72	2.79	2.85	2.89	2.92	2.94
Sweden	70.63	64.39	58.10	51.56	44.62	37.45	30.27	23.19	16.23

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Switzerland	57.57	52.57	47.33	41.85	36.15	30.28	24.39	18.57	12.91
Syria	88.15	84.68	84.91	83.91	81.63	78.16	73.54	67.81	61.04
Taiwan	359.20	322.07	282.82	241.98	199.88	157.12	114.86	74.26	36.23
Tajikistan	9.64	10.98	12.37	13.76	15.15	16.57	17.99	19.41	20.78
Tanzania	103.77	110.43	115.55	119.08	121.31	122.55	122.93	122.50	121.32
Thailand	464.85	432.70	396.15	355.92	312.32	266.13	218.43	170.09	121.95
Togo	31.93	33.78	35.21	36.11	36.42	36.10	35.10	33.31	30.65
Tonga	0.21	0.22	0.24	0.25	0.26	0.27	0.28	0.29	0.30
Trinidad & Tobago	42.03	36.88	31.59	26.16	20.80	15.67	10.84	6.27	1.95
Tunisia	55.30	53.16	50.39	46.90	42.72	38.04	33.00	27.69	22.18
Turkey	458.09	443.36	421.42	392.97	358.78	319.51	275.79	228.42	178.36
Turkmenistan	89.94	84.53	78.03	70.01	60.41	49.55	37.77	25.28	12.20
Uganda	92.22	105.63	120.57	136.85	154.43	173.25	193.07	213.52	234.12
Ukraine	504.00	437.17	373.26	312.14	254.42	200.48	150.24	103.44	60.00
United Arab Emirates	191.74	196.18	190.64	174.86	150.89	121.01	87.24	51.21	14.35
United Kingdom	694.06	629.93	563.69	494.21	421.21	345.48	268.34	190.84	113.58
United States of America	6,375.51	5,926.55	5,414.35	4,830.77	4,171.68	3,437.08	2,627.93	1,744.29	784.68
Uruguay	7.62	7.58	7.52	7.44	7.33	7.19	7.01	6.80	6.56
Uzbekistan	234.30	221.24	206.17	188.20	166.98	143.06	117.22	89.98	61.69
Vanuatu	0.55	0.57	0.58	0.59	0.60	0.60	0.60	0.59	0.58
Venezuela	416.70	398.96	373.70	340.83	300.30	252.56	198.52	139.18	75.43
Vietnam	145.99	155.24	163.96	171.76	178.45	184.12	188.82	192.46	194.98
Yemen	41.05	46.93	52.68	58.27	63.76	69.19	74.54	79.70	84.58
Zambia	249.93	239.10	223.26	202.37	176.57	146.39	112.32	74.73	33.92
Zimbabwe	78.53	87.49	87.98	86.25	82.32	76.72	69.69	61.07	50.61
World Total	48,737.71	46,170.50	43,139.67	39,622.13	35,660.77	31,323.12	26,661.77	21,719.03	16,536.24

Appendix E2

450S Per Capita Emission Allocations: Contraction & Convergence Approach

(tCO₂-eq per person)

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	0.940	1.045	1.150	1.256	1.361	1.466	1.571	1.676	1.782
Albania	5.593	5.117	4.640	4.164	3.687	3.211	2.735	2.258	1.782
Algeria	5.829	5.323	4.817	4.311	3.805	3.300	2.794	2.288	1.782
Angola	5.102	4.687	4.272	3.857	3.442	3.027	2.612	2.197	1.782
Antigua & Barbuda	26.119	23.077	20.035	16.993	13.950	10.908	7.866	4.824	1.782
Argentina	10.467	9.381	8.296	7.210	6.124	5.039	3.953	2.867	1.782
Armenia	2.614	2.510	2.406	2.302	2.198	2.094	1.990	1.886	1.782
Australia	26.546	23.451	20.355	17.260	14.164	11.068	7.973	4.877	1.782
Austria	12.103	10.813	9.523	8.232	6.942	5.652	4.362	3.072	1.782
Azerbaijan	5.752	5.256	4.759	4.263	3.767	3.271	2.774	2.278	1.782
Bahamas	6.500	5.910	5.320	4.730	4.141	3.551	2.961	2.371	1.782
Bahrain	30.410	26.832	23.253	19.675	16.096	12.517	8.939	5.360	1.782
Bangladesh	0.819	0.939	1.059	1.180	1.300	1.421	1.541	1.661	1.782
Barbados	12.893	11.504	10.115	8.726	7.337	5.948	4.559	3.171	1.782
Belarus	7.710	6.969	6.228	5.487	4.746	4.005	3.264	2.523	1.782
Belgium	14.585	12.985	11.384	9.784	8.184	6.583	4.983	3.382	1.782
Belize	89.978	78.953	67.929	56.904	45.880	34.855	23.831	12.806	1.782
Benin	11.694	10.455	9.216	7.977	6.738	5.499	4.260	3.021	1.782
Bhutan	2.626	2.520	2.415	2.309	2.204	2.098	1.993	1.887	1.782
Bolivia	9.960	8.938	7.916	6.893	5.871	4.849	3.826	2.804	1.782
Bosnia & Herzegovina	6.205	5.653	5.100	4.547	3.994	3.441	2.888	2.335	1.782
Botswana	15.227	13.546	11.865	10.185	8.504	6.824	5.143	3.462	1.782
Brazil	9.095	8.181	7.267	6.353	5.438	4.524	3.610	2.696	1.782
Brunei	24.501	21.661	18.821	15.982	13.142	10.302	7.462	4.622	1.782
Bulgaria	12.529	11.186	9.842	8.499	7.155	5.812	4.469	3.125	1.782
Burkina Faso	1.353	1.406	1.460	1.514	1.567	1.621	1.674	1.728	1.782
Burundi	1.061	1.151	1.241	1.331	1.421	1.511	1.602	1.692	1.782
Cambodia	4.863	4.478	4.093	3.708	3.323	2.937	2.552	2.167	1.782
Cameroon	10.119	9.077	8.035	6.993	5.950	4.908	3.866	2.824	1.782
Canada	24.434	21.603	18.771	15.939	13.108	10.276	7.445	4.613	1.782
Cape Verde	1.230	1.299	1.368	1.437	1.506	1.575	1.644	1.713	1.782
Central African Republic	9.704	8.714	7.724	6.733	5.743	4.753	3.762	2.772	1.782
Chad	2.598	2.496	2.394	2.292	2.190	2.088	1.986	1.884	1.782
Chile	6.956	6.309	5.663	5.016	4.369	3.722	3.075	2.429	1.782
China	5.898	5.383	4.869	4.354	3.840	3.325	2.811	2.296	1.782
Colombia	5.523	5.055	4.587	4.120	3.652	3.185	2.717	2.249	1.782

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Comoros	1.264	1.329	1.394	1.458	1.523	1.588	1.652	1.717	1.782
Congo	7.572	6.848	6.124	5.401	4.677	3.953	3.229	2.505	1.782
Congo, Dem. Republic	11.007	9.854	8.701	7.547	6.394	5.241	4.088	2.935	1.782
Cook Islands	1.851	1.842	1.833	1.825	1.816	1.808	1.799	1.790	1.782
Costa Rica	5.387	4.937	4.486	4.035	3.584	3.134	2.683	2.232	1.782
Côte d'Ivoire	11.419	10.214	9.010	7.805	6.600	5.396	4.191	2.986	1.782
Croatia	8.525	7.682	6.839	5.996	5.153	4.310	3.467	2.625	1.782
Cuba	4.472	4.136	3.799	3.463	3.127	2.791	2.454	2.118	1.782
Cyprus	13.095	11.681	10.267	8.853	7.438	6.024	4.610	3.196	1.782
Czech Republic	17.266	15.330	13.395	11.459	9.524	7.588	5.653	3.717	1.782
Denmark	12.591	11.240	9.889	8.538	7.186	5.835	4.484	3.133	1.782
Djibouti	2.325	2.257	2.189	2.121	2.053	1.985	1.918	1.850	1.782
Dominica	3.486	3.273	3.060	2.847	2.634	2.421	2.208	1.995	1.782
Dominican Republic	3.611	3.382	3.154	2.925	2.696	2.468	2.239	2.010	1.782
Ecuador	6.125	5.582	5.039	4.496	3.953	3.410	2.867	2.325	1.782
Egypt	3.342	3.147	2.952	2.757	2.562	2.367	2.172	1.977	1.782
El Salvador	2.891	2.752	2.613	2.475	2.336	2.198	2.059	1.920	1.782
Equatorial Guinea	20.555	18.208	15.862	13.515	11.168	8.822	6.475	4.128	1.782
Eritrea	2.107	2.066	2.025	1.985	1.944	1.903	1.863	1.822	1.782
Estonia	12.289	10.976	9.662	8.349	7.035	5.722	4.409	3.095	1.782
Ethiopia	1.143	1.223	1.303	1.383	1.462	1.542	1.622	1.702	1.782
Fiji	3.662	3.427	3.192	2.957	2.722	2.487	2.252	2.017	1.782
Finland	14.121	12.579	11.036	9.494	7.952	6.409	4.867	3.324	1.782
France	9.327	8.384	7.441	6.497	5.554	4.611	3.668	2.725	1.782
Gabon	13.348	11.902	10.456	9.010	7.565	6.119	4.673	3.227	1.782
Gambia	1.259	1.324	1.389	1.455	1.520	1.586	1.651	1.716	1.782
Georgia	2.363	2.290	2.218	2.145	2.072	2.000	1.927	1.854	1.782
Germany	12.950	11.554	10.158	8.762	7.366	5.970	4.574	3.178	1.782
Ghana	3.639	3.407	3.175	2.942	2.710	2.478	2.246	2.014	1.782
Greece	12.196	10.894	9.593	8.291	6.989	5.687	4.385	3.084	1.782
Grenada	10.834	9.703	8.571	7.440	6.308	5.176	4.045	2.913	1.782
Guatemala	6.882	6.244	5.607	4.969	4.332	3.694	3.057	2.419	1.782
Guinea	3.845	3.587	3.329	3.071	2.813	2.555	2.297	2.040	1.782
Guinea-Bissau	3.065	2.904	2.744	2.583	2.423	2.263	2.102	1.942	1.782
Guyana	29.532	26.063	22.594	19.126	15.657	12.188	8.719	5.250	1.782
Haiti	1.314	1.373	1.431	1.490	1.548	1.606	1.665	1.723	1.782
Honduras	4.860	4.475	4.090	3.706	3.321	2.936	2.551	2.166	1.782
Hungary	10.548	9.452	8.357	7.261	6.165	5.069	3.973	2.878	1.782
Iceland	11.366	10.168	8.970	7.772	6.574	5.376	4.178	2.980	1.782
India	2.007	1.979	1.951	1.923	1.894	1.866	1.838	1.810	1.782
Indonesia	13.088	11.674	10.261	8.848	7.435	6.021	4.608	3.195	1.782

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Iran	10.003	8.976	7.948	6.920	5.892	4.865	3.837	2.809	1.782
Iraq	4.468	4.133	3.797	3.461	3.125	2.789	2.453	2.118	1.782
Ireland	15.893	14.129	12.365	10.601	8.837	7.073	5.309	3.546	1.782
Israel	13.634	12.152	10.671	9.189	7.708	6.226	4.745	3.263	1.782
Italy	10.447	9.364	8.280	7.197	6.114	5.031	3.948	2.865	1.782
Jamaica	28.293	24.979	21.665	18.351	15.037	11.723	8.409	5.096	1.782
Japan	11.253	10.069	8.885	7.701	6.517	5.334	4.150	2.966	1.782
Jordan	5.152	4.730	4.309	3.888	3.467	3.045	2.624	2.203	1.782
Kazakhstan	13.827	12.321	10.816	9.310	7.804	6.299	4.793	3.287	1.782
Kenya	1.730	1.737	1.743	1.750	1.756	1.762	1.769	1.775	1.782
Kiribati	0.125	0.332	0.539	0.746	0.953	1.160	1.367	1.575	1.782
Korea (North)	5.870	5.359	4.848	4.337	3.826	3.315	2.804	2.293	1.782
Korea (South)	14.367	12.794	11.221	9.647	8.074	6.501	4.928	3.355	1.782
Kuwait	31.254	27.570	23.886	20.202	16.518	12.834	9.150	5.466	1.782
Kyrgyzstan	2.494	2.405	2.316	2.227	2.138	2.049	1.960	1.871	1.782
Laos	6.245	5.687	5.129	4.571	4.013	3.455	2.898	2.340	1.782
Latvia	1.170	1.246	1.323	1.399	1.476	1.552	1.629	1.705	1.782
Lebanon	6.599	5.997	5.395	4.792	4.190	3.588	2.986	2.384	1.782
Lesotho	1.660	1.675	1.690	1.706	1.721	1.736	1.751	1.766	1.782
Liberia	19.982	17.707	15.432	13.157	10.882	8.607	6.332	4.057	1.782
Libya	12.432	11.101	9.769	8.438	7.107	5.775	4.444	3.113	1.782
Lithuania	4.254	3.945	3.636	3.327	3.018	2.709	2.400	2.091	1.782
Luxembourg	27.545	24.325	21.104	17.884	14.664	11.443	8.223	5.002	1.782
Macedonia, FYR	6.935	6.291	5.647	5.003	4.358	3.714	3.070	2.426	1.782
Madagascar	4.506	4.165	3.825	3.484	3.144	2.803	2.463	2.122	1.782
Malawi	2.272	2.211	2.150	2.088	2.027	1.966	1.904	1.843	1.782
Malaysia	30.687	27.074	23.461	19.848	16.234	12.621	9.008	5.395	1.782
Maldives	2.776	2.652	2.528	2.403	2.279	2.155	2.030	1.906	1.782
Mali	3.324	3.131	2.938	2.745	2.553	2.360	2.167	1.974	1.782
Malta	7.192	6.516	5.839	5.163	4.487	3.811	3.134	2.458	1.782
Mauritania	4.325	4.007	3.689	3.371	3.053	2.736	2.418	2.100	1.782
Mauritius	5.245	4.812	4.379	3.946	3.513	3.080	2.647	2.215	1.782
Mexico	7.749	7.003	6.258	5.512	4.766	4.020	3.274	2.528	1.782
Moldova	3.232	3.050	2.869	2.688	2.507	2.325	2.144	1.963	1.782
Mongolia	13.163	11.741	10.318	8.895	7.473	6.050	4.627	3.204	1.782
Morocco	3.076	2.915	2.753	2.591	2.429	2.267	2.105	1.944	1.782
Mozambique	1.352	1.406	1.459	1.513	1.567	1.621	1.674	1.728	1.782
Myanmar	10.211	9.158	8.104	7.050	5.997	4.943	3.889	2.835	1.782
Namibia	6.922	6.279	5.637	4.994	4.352	3.709	3.067	2.424	1.782
Nauru	8.254	7.445	6.636	5.827	5.018	4.209	3.400	2.591	1.782
Nepal	7.288	6.599	5.911	5.223	4.535	3.846	3.158	2.470	1.782

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Netherlands	14.173	12.624	11.075	9.526	7.977	6.429	4.880	3.331	1.782
New Zealand	18.942	16.797	14.652	12.507	10.362	8.217	6.072	3.927	1.782
Nicaragua	12.404	11.076	9.748	8.421	7.093	5.765	4.437	3.109	1.782
Niger	0.943	1.048	1.153	1.258	1.363	1.467	1.572	1.677	1.782
Nigeria	5.251	4.817	4.384	3.950	3.516	3.083	2.649	2.215	1.782
Niue	1.055	1.146	1.237	1.327	1.418	1.509	1.600	1.691	1.782
Norway	10.925	9.782	8.639	7.496	6.353	5.210	4.068	2.925	1.782
Oman	13.506	12.040	10.575	9.109	7.644	6.178	4.713	3.247	1.782
Pakistan	2.030	1.999	1.968	1.937	1.906	1.875	1.844	1.813	1.782
Palau	5.727	5.234	4.741	4.247	3.754	3.261	2.768	2.275	1.782
Panama	19.160	16.988	14.816	12.643	10.471	8.299	6.126	3.954	1.782
Papua New Guinea	5.037	4.631	4.224	3.817	3.410	3.003	2.596	2.189	1.782
Paraguay	16.156	14.359	12.562	10.766	8.969	7.172	5.375	3.578	1.782
Peru	6.349	5.778	5.208	4.637	4.066	3.495	2.924	2.353	1.782
Philippines	2.725	2.607	2.490	2.372	2.254	2.136	2.018	1.900	1.782
Poland	12.331	11.012	9.694	8.375	7.056	5.738	4.419	3.100	1.782
Portugal	7.398	6.696	5.994	5.292	4.590	3.888	3.186	2.484	1.782
Qatar	62.500	54.910	47.321	39.731	32.141	24.551	16.961	9.372	1.782
Romania	8.358	7.536	6.714	5.892	5.070	4.248	3.426	2.604	1.782
Russian Federation	13.729	12.235	10.742	9.248	7.755	6.262	4.768	3.275	1.782
Rwanda	1.422	1.467	1.512	1.557	1.602	1.647	1.692	1.737	1.782
Saint Kitts & Nevis	3.841	3.584	3.326	3.069	2.811	2.554	2.297	2.039	1.782
Saint Lucia	5.657	5.172	4.688	4.203	3.719	3.235	2.750	2.266	1.782
Saint Vincent & Grenadines	3.997	3.720	3.443	3.166	2.889	2.613	2.336	2.059	1.782
Samoa	3.256	3.072	2.888	2.703	2.519	2.335	2.150	1.966	1.782
Sao Tome & Principe	1.758	1.761	1.764	1.767	1.770	1.773	1.776	1.779	1.782
Saudi Arabia	17.978	15.953	13.929	11.904	9.880	7.855	5.831	3.806	1.782
Senegal	2.385	2.309	2.234	2.159	2.083	2.008	1.932	1.857	1.782
Serbia & Montenegro	7.567	6.844	6.120	5.397	4.674	3.951	3.228	2.505	1.782
Seychelles	9.626	8.646	7.665	6.685	5.704	4.723	3.743	2.762	1.782
Sierra Leone	5.434	4.977	4.521	4.064	3.608	3.151	2.695	2.238	1.782
Singapore	13.053	11.644	10.235	8.826	7.417	6.008	4.599	3.191	1.782
Slovakia	15.731	13.987	12.243	10.500	8.756	7.013	5.269	3.525	1.782
Slovenia	16.568	14.720	12.872	11.023	9.175	7.327	5.478	3.630	1.782
Solomon Islands	0.868	0.982	1.097	1.211	1.325	1.439	1.553	1.668	1.782
South Africa	9.899	8.885	7.870	6.855	5.841	4.826	3.811	2.796	1.782
Spain	10.433	9.352	8.270	7.189	6.107	5.026	3.945	2.863	1.782
Sri Lanka	4.069	3.783	3.497	3.211	2.925	2.639	2.353	2.068	1.782
Sudan	4.702	4.337	3.972	3.607	3.242	2.877	2.512	2.147	1.782
Suriname	8.814	7.935	7.056	6.177	5.298	4.419	3.540	2.661	1.782
Swaziland	1.985	1.960	1.934	1.909	1.883	1.858	1.833	1.807	1.782

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Sweden	7.765	7.017	6.269	5.521	4.773	4.025	3.277	2.530	1.782
Switzerland	7.605	6.877	6.149	5.421	4.693	3.965	3.237	2.510	1.782
Syria	3.901	3.636	3.371	3.106	2.842	2.577	2.312	2.047	1.782
Taiwan	15.469	13.758	12.047	10.336	8.625	6.914	5.203	3.493	1.782
Tajikistan	1.340	1.395	1.450	1.505	1.561	1.616	1.671	1.726	1.782
Tanzania	2.431	2.350	2.269	2.188	2.107	2.025	1.944	1.863	1.782
Thailand	7.139	6.469	5.800	5.130	4.460	3.791	3.121	2.451	1.782
Togo	4.459	4.124	3.790	3.455	3.120	2.786	2.451	2.116	1.782
Tonga	1.957	1.935	1.913	1.891	1.869	1.847	1.825	1.804	1.782
Trinidad & Tobago	31.955	28.183	24.411	20.640	16.868	13.097	9.325	5.553	1.782
Tunisia	5.248	4.815	4.382	3.948	3.515	3.082	2.648	2.215	1.782
Turkey	5.937	5.418	4.899	4.379	3.860	3.340	2.821	2.301	1.782
Turkmenistan	17.567	15.594	13.621	11.648	9.674	7.701	5.728	3.755	1.782
Uganda	2.690	2.576	2.463	2.349	2.236	2.122	2.009	1.895	1.782
Ukraine	11.063	9.903	8.743	7.583	6.422	5.262	4.102	2.942	1.782
United Arab Emirates	38.373	33.799	29.225	24.651	20.077	15.503	10.929	6.356	1.782
United Kingdom	11.366	10.168	8.970	7.772	6.574	5.376	4.178	2.980	1.782
United States of America	20.485	18.147	15.809	13.471	11.133	8.795	6.458	4.120	1.782
Uruguay	2.250	2.191	2.133	2.074	2.016	1.957	1.899	1.840	1.782
Uzbekistan	8.528	7.685	6.841	5.998	5.155	4.312	3.468	2.625	1.782
Vanuatu	2.371	2.298	2.224	2.150	2.077	2.003	1.929	1.855	1.782
Venezuela	14.554	12.957	11.361	9.764	8.168	6.571	4.975	3.378	1.782
Vietnam	1.656	1.671	1.687	1.703	1.719	1.734	1.750	1.766	1.782
Yemen	1.685	1.697	1.709	1.721	1.733	1.745	1.758	1.770	1.782
Zambia	20.075	17.788	15.501	13.215	10.928	8.642	6.355	4.068	1.782
Zimbabwe	5.979	5.455	4.930	4.405	3.881	3.356	2.831	2.306	1.782

Appendix E3

450S Total Emission Allocations: Common but Differentiated Convergence Approach (MtCO₂-eq)

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	32.07	40.45	52.48	58.89	62.34	64.89	71.28	78.65	82.26
Albania	18.12	22.20	20.90	18.04	14.94	11.69	8.39	6.98	6.34
Algeria	203.43	251.77	228.68	200.61	167.93	131.69	98.02	86.87	79.39
Angola	91.66	74.13	57.04	55.53	67.07	71.54	72.22	71.33	69.59
Antigua & Barbuda	2.31	2.02	1.68	1.28	0.82	0.31	0.27	0.24	0.22
Argentina	427.95	382.59	329.77	270.02	204.12	132.78	114.10	102.04	94.28
Armenia	7.85	8.54	9.30	10.26	10.71	9.55	8.38	7.19	5.98
Australia	575.90	499.42	410.24	308.72	195.62	72.52	62.48	56.09	52.12
Austria	100.00	84.52	68.88	53.08	37.22	21.52	17.70	15.18	13.48
Azerbaijan	50.00	55.54	56.87	50.33	42.91	34.89	26.50	20.37	18.57
Bahamas	2.20	2.12	2.08	1.96	1.71	1.44	1.14	0.84	0.72
Bahrain	23.61	20.49	16.81	12.57	7.81	2.61	2.24	1.99	1.84
Bangladesh	133.98	138.85	150.87	188.07	229.39	274.11	326.12	371.46	397.33
Barbados	3.84	3.29	2.70	2.09	1.46	0.83	0.68	0.59	0.52
Belarus	73.86	63.05	52.49	42.19	32.25	22.76	18.50	15.67	13.74
Belgium	153.71	128.97	103.90	78.60	53.19	27.89	23.08	19.92	17.80
Belize	29.38	26.15	21.70	16.04	9.22	1.30	1.15	1.06	1.01
Benin	115.60	112.79	105.51	92.99	74.49	49.47	45.67	43.68	43.02
Bhutan	1.79	2.39	3.03	3.57	3.28	2.93	2.54	2.11	1.65
Bolivia	100.27	55.14	7.72	-21.87	-51.00	-80.12	-21.35	-11.36	-0.43
Bosnia & Herzegovina	24.47	27.30	23.46	19.55	15.61	11.74	8.02	6.78	5.92
Botswana	30.83	27.69	23.54	18.61	13.03	6.94	6.01	5.43	5.10
Brazil	1,808.11	1,260.86	682.90	347.73	-12.05	-315.40	-168.37	-14.07	144.85
Brunei	10.02	8.96	7.59	5.89	3.87	1.55	1.36	1.25	1.18
Bulgaria	93.05	75.32	58.59	43.00	28.65	15.60	12.33	10.14	8.61
Burkina Faso	22.02	19.91	16.89	21.39	25.00	29.31	34.70	40.67	47.04
Burundi	10.08	14.15	15.31	16.29	17.89	19.84	23.31	28.96	37.14
Cambodia	74.03	76.10	103.63	96.27	88.05	77.63	65.42	51.57	44.05
Cameroon	201.28	190.27	172.76	148.66	118.08	81.19	72.35	67.01	64.12
Canada	822.99	703.24	571.01	426.29	270.24	104.98	89.43	79.43	73.12
Cape Verde	0.64	0.73	0.86	1.16	1.52	1.57	1.37	1.18	0.98
Central African Republic	43.88	40.25	35.55	29.80	23.13	15.71	13.59	12.27	11.48
Chad	29.56	32.44	30.39	38.34	41.55	48.03	47.82	47.16	46.15
Chile	118.68	108.33	96.44	83.02	68.23	52.38	44.20	38.80	35.19
China	7,936.61	8,756.66	8,671.25	7,541.92	6,311.96	5,036.42	3,746.98	2,823.16	2,533.89

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Colombia	264.48	252.71	236.00	236.26	219.08	195.98	170.22	142.46	113.35
Comoros	0.87	1.49	2.23	2.94	3.78	3.79	3.72	3.58	3.34
Congo	31.29	35.43	34.74	32.72	29.18	24.07	18.56	17.57	17.13
Congo, Dem. Republic	758.20	749.87	712.51	639.75	525.12	363.83	339.79	328.86	327.63
Cook Islands	0.03	0.06	0.08	0.06	0.05	0.04	0.03	0.02	0.02
Costa Rica	25.01	23.33	21.87	31.47	27.71	23.42	18.69	13.63	11.01
Côte d'Ivoire	236.21	221.26	198.40	167.59	129.06	83.19	73.85	68.15	64.95
Croatia	37.80	32.45	27.05	21.67	16.33	11.11	9.07	7.72	6.80
Cuba	51.03	59.93	68.85	59.64	50.08	40.37	30.69	21.23	18.67
Cyprus	10.83	9.82	8.48	6.82	4.90	2.81	2.37	2.07	1.86
Czech Republic	176.02	145.22	114.35	83.70	53.79	25.04	20.38	17.30	15.21
Denmark	69.24	59.02	48.51	37.71	26.59	15.25	12.69	11.01	9.90
Djibouti	2.08	2.63	3.42	4.77	5.21	4.90	4.47	3.92	3.27
Dominica	0.25	0.30	0.35	0.36	0.31	0.26	0.20	0.15	0.12
Dominican Republic	36.85	46.73	56.89	60.07	54.80	48.49	41.22	33.08	27.21
Ecuador	86.60	74.11	61.56	55.06	47.05	36.37	53.65	49.78	45.39
Egypt	270.11	326.42	392.40	485.66	455.66	416.79	368.97	312.11	246.68
El Salvador	20.98	23.59	26.40	40.99	38.48	35.27	31.35	26.73	21.44
Equatorial Guinea	11.41	10.73	9.56	7.84	5.53	2.59	2.36	2.23	2.17
Eritrea	10.90	18.03	27.20	35.72	33.77	30.92	27.17	22.53	18.11
Estonia	16.02	13.08	10.25	7.56	5.07	2.79	2.21	1.82	1.55
Ethiopia	100.87	133.77	170.87	215.60	269.11	323.15	395.08	483.64	530.37
Fiji	3.25	3.20	3.22	3.44	3.46	3.38	3.21	3.00	2.76
Finland	74.53	62.63	50.52	38.24	25.92	13.74	11.29	9.69	8.62
France	584.51	512.94	435.38	353.39	268.15	180.41	151.74	132.84	120.28
Gabon	19.08	17.69	15.76	13.25	10.07	6.14	5.62	5.37	5.32
Gambia	2.33	3.51	4.35	5.90	7.14	8.71	8.73	8.62	8.38
Georgia	10.40	12.35	14.16	15.49	14.69	12.61	10.63	8.74	6.94
Germany	1,066.09	893.17	719.99	547.19	376.29	209.17	171.92	147.49	131.20
Ghana	90.47	122.72	119.68	145.46	135.58	122.97	107.68	89.84	73.24
Greece	136.46	115.42	93.76	71.98	50.40	29.15	24.14	20.84	18.61
Grenada	1.18	1.03	0.86	0.68	0.50	0.30	0.25	0.21	0.19
Guatemala	97.29	78.89	60.85	118.31	106.21	91.11	73.24	52.82	42.74
Guinea	39.04	46.99	41.35	52.79	51.91	54.63	55.05	54.47	52.76
Guinea-Bissau	5.42	7.40	7.84	10.20	9.72	9.05	8.18	7.10	5.82
Guyana	21.04	2.68	-15.74	-28.15	-40.65	-53.92	-36.79	-28.12	-19.09
Haiti	13.39	12.50	11.69	18.40	19.10	19.33	19.07	18.48	17.59
Honduras	36.89	32.06	27.43	55.80	50.53	44.08	36.51	27.93	21.92
Hungary	105.05	88.16	71.59	55.38	39.59	24.35	19.91	17.00	15.04
Iceland	3.51	3.08	2.60	2.08	1.52	0.93	0.79	0.69	0.63

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
India	2,362.46	3,056.76	3,871.02	4,962.53	5,559.09	5,099.28	4,567.67	3,972.62	3,324.17
Indonesia	3,064.06	2,711.94	2,299.70	1,834.91	1,322.43	765.83	656.78	584.89	537.39
Iran	715.65	642.57	558.76	459.16	346.67	227.13	192.51	170.06	154.95
Iraq	132.58	145.03	159.94	188.03	178.87	165.51	147.91	126.11	100.33
Ireland	69.96	61.41	51.33	39.92	27.46	14.16	12.13	10.82	9.96
Israel	102.95	93.22	80.52	65.09	47.24	27.14	23.62	21.31	19.81
Italy	612.12	517.39	422.00	327.92	235.98	146.50	120.12	102.54	90.56
Jamaica	78.16	66.32	53.41	39.50	24.55	8.63	7.40	6.62	6.14
Japan	1,429.60	1,191.61	952.96	720.45	498.96	291.23	232.78	193.83	167.21
Jordan	34.06	46.78	44.48	41.01	36.26	30.25	22.98	21.46	20.67
Kazakhstan	213.23	182.30	149.24	114.13	78.13	42.22	34.97	30.16	26.83
Kenya	70.66	92.25	115.86	152.78	185.49	176.14	164.55	149.88	132.35
Kiribati	0.01	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Korea (North)	142.12	165.25	151.71	129.28	106.10	82.59	58.90	48.48	43.46
Korea (South)	702.96	594.30	481.12	365.03	246.98	129.43	105.58	89.26	77.73
Kuwait	94.57	90.85	80.51	63.95	41.94	14.63	13.33	12.63	12.34
Kyrgyzstan	13.73	18.28	22.93	25.41	25.25	23.33	21.12	18.60	15.77
Laos	39.80	41.48	48.23	45.15	40.72	35.01	27.93	22.45	21.43
Latvia	2.61	-0.09	-0.62	2.69	4.56	3.77	3.85	3.45	3.07
Lebanon	28.06	29.58	26.35	22.70	18.72	14.42	11.52	10.18	9.26
Lesotho	3.31	4.06	5.03	6.33	6.79	5.92	5.10	4.31	3.57
Liberia	83.75	76.86	66.97	54.09	37.86	17.96	16.30	15.37	14.99
Libya	82.28	76.56	67.77	56.18	42.15	25.86	22.87	20.99	19.84
Lithuania	14.32	13.96	15.32	16.63	13.87	11.21	8.68	6.31	4.71
Luxembourg	13.37	11.59	9.54	7.22	4.59	1.68	1.46	1.33	1.25
Macedonia, FYR	14.29	12.68	10.99	9.22	7.41	5.57	4.60	3.96	3.53
Madagascar	97.62	122.17	120.22	116.60	116.51	116.45	119.04	119.73	118.27
Malawi	34.41	36.26	37.47	25.81	32.16	27.73	23.34	19.31	14.47
Malaysia	859.29	763.41	641.51	491.59	313.02	107.12	94.55	86.85	82.47
Maldives	0.96	1.18	1.45	1.60	1.43	1.26	1.06	0.85	0.69
Mali	43.88	48.28	41.70	52.49	52.85	60.49	63.13	63.67	63.27
Malta	2.97	2.64	2.29	1.91	1.52	1.13	0.93	0.80	0.71
Mauritania	14.47	13.32	12.36	16.03	18.14	17.52	16.54	15.19	13.46
Mauritius	6.79	9.33	8.27	7.09	5.82	4.48	3.26	2.85	2.57
Mexico	846.02	775.78	691.87	594.27	483.70	361.54	310.58	277.40	255.80
Moldova	12.46	12.75	13.10	14.48	13.75	11.77	9.86	8.02	6.26
Mongolia	36.21	32.72	28.25	22.80	16.53	9.61	8.30	7.45	6.89
Morocco	98.08	116.58	137.38	166.76	152.14	135.49	117.01	96.93	75.48
Mozambique	30.39	29.47	29.08	28.96	35.26	37.67	40.35	43.91	46.49
Myanmar	509.94	450.46	383.58	310.26	231.89	149.83	126.13	110.42	99.83

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Namibia	14.67	13.38	11.76	9.94	8.00	6.00	4.95	4.26	3.81
Nauru	0.12	0.11	0.10	0.09	0.07	0.05	0.05	0.04	0.04
Nepal	210.99	200.80	186.13	165.44	139.76	109.34	95.69	87.09	81.93
Netherlands	236.60	201.69	165.02	126.86	87.39	47.04	39.25	34.11	30.72
New Zealand	82.25	71.10	58.59	44.77	29.73	13.70	11.66	10.33	9.46
Nicaragua	74.29	60.36	54.60	47.18	38.14	27.61	19.68	17.93	16.87
Niger	15.06	17.91	20.02	26.37	31.87	38.04	45.37	52.54	59.05
Nigeria	821.71	1,117.25	1,132.17	1,048.97	937.83	799.14	633.66	507.80	484.05
Niue	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Norway	51.42	44.38	37.11	29.56	21.65	13.46	11.28	9.84	8.91
Oman	39.75	38.69	35.86	31.00	23.96	14.63	13.40	12.72	12.43
Pakistan	343.07	422.81	524.70	634.89	757.99	719.69	669.92	609.88	540.79
Palau	0.12	0.14	0.13	0.11	0.10	0.08	0.06	0.04	0.04
Panama	66.94	59.42	50.12	39.09	26.43	12.32	10.66	9.58	8.87
Papua New Guinea	34.09	-155.55	-236.60	-260.71	-295.96	-302.13	-261.13	-294.11	-230.59
Paraguay	107.47	100.30	89.24	73.90	53.96	29.23	26.47	24.90	24.17
Peru	184.63	110.53	36.16	-6.47	-51.48	-105.08	128.61	116.18	102.75
Philippines	254.60	287.65	367.24	388.90	444.42	426.07	400.75	368.61	329.99
Poland	469.46	394.24	318.04	241.59	166.43	93.99	76.35	64.62	56.58
Portugal	79.29	69.73	59.61	49.21	38.74	28.31	23.33	19.99	17.67
Qatar	53.25	44.74	35.38	25.28	14.41	2.72	2.36	2.14	2.01
Romania	179.62	153.64	127.59	101.87	76.84	52.70	43.05	36.64	32.24
Russian Federation	1,918.65	1,570.54	1,233.80	911.68	607.46	321.91	261.42	221.83	195.05
Rwanda	15.10	21.18	25.06	29.93	36.20	43.65	50.54	52.54	54.15
Saint Kitts & Nevis	0.19	0.28	0.33	0.30	0.26	0.21	0.16	0.12	0.11
Saint Lucia	0.95	1.17	1.02	0.86	0.70	0.53	0.40	0.34	0.30
Saint Vincent & Grenadines	0.47	0.62	0.72	0.61	0.50	0.40	0.30	0.21	0.19
Samoa	0.64	0.82	1.04	1.13	1.08	1.01	0.92	0.81	0.67
Sao Tome & Principe	0.31	0.45	0.62	0.84	1.03	1.01	0.97	0.91	0.83
Saudi Arabia	459.75	412.08	348.54	274.72	191.55	95.86	86.18	80.61	77.73
Senegal	32.20	42.69	50.25	67.24	76.13	74.49	71.24	66.25	59.47
Serbia & Montenegro	80.22	68.24	56.77	45.74	35.15	25.01	20.30	17.20	15.09
Seychelles	0.84	0.75	0.65	0.53	0.41	0.27	0.23	0.20	0.18
Sierra Leone	33.82	45.44	39.33	49.61	47.68	45.85	42.61	37.65	30.71
Singapore	59.15	51.64	43.03	33.55	23.47	13.12	10.79	9.15	7.96
Slovakia	85.35	71.51	57.25	42.74	28.26	14.06	11.54	9.87	8.74
Slovenia	33.02	27.21	21.38	15.62	10.06	4.78	3.86	3.25	2.83
Solomon Islands	0.46	0.34	0.33	0.34	0.31	0.30	0.33	0.27	0.32
South Africa	480.10	403.11	335.86	267.59	198.60	129.14	108.41	95.22	86.92

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Spain	455.11	386.75	316.28	245.91	177.01	110.07	90.43	77.30	68.17
Sri Lanka	83.97	111.27	139.48	122.77	104.56	85.16	64.79	46.89	42.59
Sudan	192.89	236.23	279.37	294.60	276.13	250.11	216.23	173.90	153.60
Suriname	4.21	3.82	3.35	2.82	2.22	1.56	1.33	1.18	1.08
Swaziland	2.41	3.56	4.85	5.40	5.84	5.28	4.64	3.95	3.21
Sweden	70.63	61.90	53.08	43.97	34.49	24.85	20.66	17.96	16.23
Switzerland	57.57	50.59	43.34	35.85	28.17	20.40	16.85	14.50	12.91
Syria	88.15	107.11	128.61	131.99	120.74	106.76	90.21	71.30	61.04
Taiwan	359.20	302.20	242.97	182.37	121.21	60.69	49.38	41.66	36.23
Tajikistan	9.64	10.01	10.31	12.58	14.84	16.59	18.22	18.78	19.19
Tanzania	103.77	118.02	136.38	154.14	185.10	181.37	169.93	156.35	140.81
Thailand	464.85	417.72	365.55	309.30	249.58	187.51	156.57	135.95	121.95
Togo	31.93	47.69	52.39	54.43	51.64	47.19	40.92	32.64	30.65
Tonga	0.21	0.21	0.22	0.23	0.23	0.23	0.23	0.22	0.22
Trinidad & Tobago	42.03	34.15	26.19	18.23	10.51	3.20	2.60	2.21	1.95
Tunisia	55.30	71.89	69.20	60.59	50.87	40.36	29.33	24.49	22.18
Turkey	458.09	517.49	518.56	463.44	399.80	328.82	251.67	194.49	178.36
Turkmenistan	89.94	79.08	66.50	51.87	35.28	17.18	14.75	13.19	12.20
Uganda	92.22	141.22	177.62	202.95	235.32	250.35	262.07	268.87	268.90
Ukraine	504.00	414.29	329.00	248.13	172.29	101.75	81.94	68.90	60.00
United Arab Emirates	191.74	181.28	157.15	120.24	73.74	20.85	17.86	15.79	14.35
United Kingdom	694.06	596.41	495.69	391.01	282.55	171.64	143.69	125.49	113.58
United States of America	6,375.51	5,526.50	4,575.32	3,512.99	2,335.74	1,043.68	910.39	829.60	784.68
Uruguay	7.62	-1.78	-13.38	-19.79	-26.85	-34.64	4.64	17.38	14.64
Uzbekistan	234.30	211.79	186.39	157.31	124.46	88.62	75.61	67.16	61.69
Vanuatu	0.55	0.63	0.73	0.76	0.77	0.77	0.74	0.71	0.67
Venezuela	416.70	374.94	322.38	259.14	185.58	102.65	89.27	80.73	75.43
Vietnam	145.99	170.11	222.45	250.25	298.05	298.48	275.78	250.73	223.80
Yemen	41.05	45.19	49.61	57.54	66.25	75.48	84.38	89.11	90.54
Zambia	249.93	248.17	236.69	173.82	148.61	119.35	86.47	50.32	33.92
Zimbabwe	78.53	83.76	88.08	72.16	77.05	73.23	68.31	62.12	54.46
World Total	48,737.71	46,453.9 4	42,577.0 4	37,772.5 6	31,574.7 6	23,514.2 2	20,599.8 6	17,983.7 1	16,417.6 6

Appendix E4

450S Per Capita Emission Allocations: Common but Differentiated Convergence

Approach

(tCO₂-eq per person)

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	0.940	1.060	1.245	1.275	1.246	1.213	1.257	1.318	1.316
Albania	5.593	6.661	6.104	5.168	4.232	3.295	2.359	1.959	1.782
Algeria	5.829	6.810	5.872	4.935	3.997	3.059	2.237	1.959	1.782
Angola	5.102	3.733	2.610	2.319	2.573	2.541	2.393	2.219	2.045
Antigua & Barbuda	26.119	21.429	16.740	12.050	7.360	2.671	2.237	1.959	1.782
Argentina	10.467	8.908	7.349	5.789	4.230	2.671	2.237	1.959	1.782
Armenia	2.614	2.829	3.045	3.331	3.469	3.104	2.739	2.374	2.010
Australia	26.546	21.771	16.996	12.221	7.446	2.671	2.237	1.959	1.782
Austria	12.103	10.216	8.330	6.444	4.557	2.671	2.237	1.959	1.782
Azerbaijan	5.752	6.110	5.997	5.140	4.284	3.427	2.570	1.959	1.782
Bahamas	6.500	6.012	5.658	5.167	4.393	3.620	2.846	2.072	1.782
Bahrain	30.410	24.862	19.315	13.767	8.219	2.671	2.237	1.959	1.782
Bangladesh	0.819	0.794	0.806	0.941	1.085	1.238	1.421	1.572	1.643
Barbados	12.893	10.848	8.804	6.760	4.715	2.671	2.237	1.959	1.782
Belarus	7.710	6.702	5.694	4.686	3.679	2.671	2.237	1.959	1.782
Belgium	14.585	12.202	9.820	7.437	5.054	2.671	2.237	1.959	1.782
Belize	89.978	72.516	55.055	37.594	20.132	2.671	2.237	1.959	1.782
Benin	11.694	9.889	8.084	6.280	4.475	2.671	2.237	1.959	1.782
Bhutan	2.626	3.305	3.975	4.481	3.941	3.401	2.861	2.321	1.782
Bolivia	9.960	5.044	0.655	-1.734	-3.800	-5.645	-1.431	-0.729	-0.026
Bosnia & Herzegovina	6.205	6.926	5.988	5.050	4.112	3.175	2.237	1.959	1.782
Botswana	15.227	12.715	10.204	7.693	5.182	2.671	2.237	1.959	1.782
Brazil	9.095	6.006	3.103	1.517	-0.051	-1.290	-0.673	-0.055	0.562
Brunei	24.501	20.135	15.769	11.403	7.037	2.671	2.237	1.959	1.782
Bulgaria	12.529	10.557	8.586	6.614	4.642	2.671	2.237	1.959	1.782
Burkina Faso	1.353	1.050	0.767	0.841	0.856	0.879	0.918	0.956	0.990

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Burundi	1.061	1.270	1.184	1.094	1.053	1.033	1.084	1.216	1.421
Cambodia	4.863	4.568	5.707	4.919	4.228	3.537	2.846	2.155	1.782
Cameroon	10.119	8.629	7.140	5.650	4.160	2.671	2.237	1.959	1.782
Canada	24.434	20.081	15.729	11.376	7.023	2.671	2.237	1.959	1.782
Cape Verde	1.230	1.359	1.571	2.117	2.787	2.914	2.635	2.357	2.078
Central African Republic	9.704	8.298	6.891	5.484	4.077	2.671	2.237	1.959	1.782
Chad	2.598	2.584	2.207	2.553	2.547	2.720	2.509	2.299	2.089
Chile	6.956	6.099	5.242	4.385	3.528	2.671	2.237	1.959	1.782
China	5.898	6.293	6.070	5.197	4.325	3.452	2.580	1.959	1.782
Colombia	5.523	4.991	4.438	4.260	3.818	3.329	2.839	2.350	1.861
Comoros	1.264	1.885	2.499	2.915	3.345	3.018	2.690	2.362	2.034
Congo	7.572	7.439	6.370	5.301	4.233	3.164	2.237	1.959	1.782
Congo, Dem. Republic	11.007	9.340	7.672	6.005	4.338	2.671	2.237	1.959	1.782
Cook Islands	1.851	4.197	6.337	5.435	4.532	3.630	2.727	1.959	1.782
Costa Rica	5.387	4.720	4.185	5.746	4.867	3.988	3.109	2.230	1.782
Côte d'Ivoire	11.419	9.669	7.920	6.170	4.420	2.671	2.237	1.959	1.782
Croatia	8.525	7.354	6.183	5.012	3.842	2.671	2.237	1.959	1.782
Cuba	4.472	5.205	5.947	5.149	4.352	3.554	2.757	1.959	1.782
Cyprus	13.095	11.010	8.925	6.841	4.756	2.671	2.237	1.959	1.782
Czech Republic	17.266	14.347	11.428	8.509	5.590	2.671	2.237	1.959	1.782
Denmark	12.591	10.607	8.623	6.639	4.655	2.671	2.237	1.959	1.782
Djibouti	2.325	2.630	3.073	3.885	3.891	3.403	2.916	2.428	1.941
Dominica	3.486	4.113	4.789	4.914	4.246	3.579	2.911	2.244	1.782
Dominican Republic	3.611	4.263	4.860	4.836	4.185	3.535	2.884	2.234	1.782
Ecuador	6.125	4.886	3.809	3.223	2.626	1.950	2.783	2.516	2.250
Egypt	3.342	3.673	4.059	4.662	4.086	3.510	2.934	2.358	1.782
El Salvador	2.891	3.003	3.121	4.516	3.969	3.423	2.876	2.329	1.782
Equatorial Guinea	20.555	16.978	13.401	9.825	6.248	2.671	2.237	1.959	1.782
Eritrea	2.107	3.093	4.196	5.008	4.342	3.676	3.010	2.344	1.782
Estonia	12.289	10.365	8.442	6.518	4.594	2.671	2.237	1.959	1.782
Ethiopia	1.143	1.294	1.415	1.535	1.652	1.718	1.830	1.964	1.901
Fiji	3.662	3.372	3.189	3.215	3.064	2.845	2.582	2.319	2.056
Finland	14.121	11.831	9.541	7.251	4.961	2.671	2.237	1.959	1.782
France	9.327	7.996	6.664	5.333	4.002	2.671	2.237	1.959	1.782
Gabon	13.348	11.212	9.077	6.942	4.806	2.671	2.237	1.959	1.782
Gambia	1.259	1.678	1.850	2.254	2.467	2.746	2.530	2.315	2.099
Georgia	2.363	2.853	3.336	3.731	3.630	3.202	2.774	2.346	1.917
Germany	12.950	10.895	8.839	6.783	4.727	2.671	2.237	1.959	1.782
Ghana	3.639	4.519	4.071	4.606	4.024	3.441	2.859	2.277	1.782
Greece	12.196	10.291	8.386	6.481	4.576	2.671	2.237	1.959	1.782
Grenada	10.834	9.202	7.569	5.936	4.303	2.671	2.237	1.959	1.782

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Guatemala	6.882	5.068	3.586	6.456	5.416	4.375	3.335	2.295	1.782
Guinea	3.845	4.055	3.133	3.522	3.064	2.870	2.590	2.311	2.031
Guinea-Bissau	3.065	3.798	3.667	4.380	3.860	3.341	2.821	2.301	1.782
Guyana	29.532	3.806	-21.924	-37.618	-52.180	-66.932	-44.611	-33.593	-22.575
Haiti	1.314	1.119	0.958	1.389	1.339	1.270	1.181	1.086	0.986
Honduras	4.860	3.858	3.050	5.789	4.932	4.074	3.216	2.358	1.782
Hungary	10.548	8.973	7.397	5.822	4.246	2.671	2.237	1.959	1.782
Iceland	11.366	9.627	7.888	6.149	4.410	2.671	2.237	1.959	1.782
India	2.007	2.434	2.909	3.543	3.793	3.345	2.897	2.448	2.000
Indonesia	13.088	11.004	8.921	6.838	4.754	2.671	2.237	1.959	1.782
Iran	10.003	8.537	7.070	5.604	4.137	2.671	2.237	1.959	1.782
Iraq	4.468	4.354	4.336	4.656	4.081	3.506	2.931	2.357	1.782
Ireland	15.893	13.248	10.604	7.959	5.315	2.671	2.237	1.959	1.782
Israel	13.634	11.441	9.248	7.056	4.863	2.671	2.237	1.959	1.782
Italy	10.447	8.891	7.336	5.781	4.226	2.671	2.237	1.959	1.782
Jamaica	28.293	23.168	18.044	12.920	7.795	2.671	2.237	1.959	1.782
Japan	11.253	9.537	7.820	6.104	4.387	2.671	2.237	1.959	1.782
Jordan	5.152	6.846	5.924	5.002	4.081	3.159	2.237	1.959	1.782
Kazakhstan	13.827	11.596	9.365	7.133	4.902	2.671	2.237	1.959	1.782
Kenya	1.730	2.022	2.352	2.923	3.359	3.017	2.675	2.333	1.991
Kiribati	0.125	0.217	0.288	0.271	0.252	0.231	0.208	0.188	0.170
Korea (North)	5.870	6.710	6.086	5.154	4.222	3.290	2.358	1.959	1.782
Korea (South)	14.367	12.028	9.688	7.349	5.010	2.671	2.237	1.959	1.782
Kuwait	31.254	25.537	19.821	14.104	8.387	2.671	2.237	1.959	1.782
Kyrgyzstan	2.494	3.093	3.634	3.806	3.601	3.179	2.758	2.336	1.915
Laos	6.245	5.828	6.124	5.240	4.356	3.471	2.587	1.959	1.782
Latvia	1.170	-0.042	-0.295	1.343	2.384	2.069	2.216	2.099	1.982
Lebanon	6.599	6.635	5.690	4.744	3.798	2.852	2.237	1.959	1.782
Lesotho	1.660	2.029	2.516	3.195	3.479	3.099	2.719	2.339	1.959
Liberia	19.982	16.520	13.058	9.595	6.133	2.671	2.237	1.959	1.782
Libya	12.432	10.480	8.527	6.575	4.623	2.671	2.237	1.959	1.782
Lithuania	4.254	4.207	4.699	5.221	4.487	3.752	3.018	2.284	1.782
Luxembourg	27.545	22.570	17.596	12.621	7.646	2.671	2.237	1.959	1.782
Macedonia, FYR	6.935	6.082	5.229	4.377	3.524	2.671	2.237	1.959	1.782
Madagascar	4.506	4.868	4.162	3.531	3.110	2.761	2.526	2.291	2.056
Malawi	2.272	2.088	1.892	1.152	1.280	0.992	0.757	0.572	0.395
Malaysia	30.687	25.084	19.481	13.877	8.274	2.671	2.237	1.959	1.782
Maldives	2.776	3.430	4.214	4.688	4.070	3.451	2.833	2.214	1.782
Mali	3.324	3.210	2.436	2.710	2.434	2.511	2.388	2.215	2.043
Malta	7.192	6.288	5.384	4.479	3.575	2.671	2.237	1.959	1.782
Mauritania	4.325	3.546	2.955	3.469	3.581	3.179	2.777	2.374	1.972

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Mauritius	5.245	6.961	5.992	5.022	4.053	3.084	2.237	1.959	1.782
Mexico	7.749	6.734	5.718	4.702	3.686	2.671	2.237	1.959	1.782
Moldova	3.232	3.319	3.438	3.854	3.739	3.286	2.833	2.380	1.927
Mongolia	13.163	11.065	8.966	6.868	4.769	2.671	2.237	1.959	1.782
Morocco	3.076	3.470	3.899	4.534	3.984	3.433	2.883	2.332	1.782
Mozambique	1.352	1.197	1.078	0.984	1.104	1.093	1.088	1.103	1.091
Myanmar	10.211	8.703	7.195	5.687	4.179	2.671	2.237	1.959	1.782
Namibia	6.922	6.071	5.221	4.371	3.521	2.671	2.237	1.959	1.782
Nauru	8.254	7.137	6.021	4.904	3.787	2.671	2.237	1.959	1.782
Nepal	7.288	6.364	5.441	4.518	3.594	2.671	2.237	1.959	1.782
Netherlands	14.173	11.873	9.572	7.272	4.971	2.671	2.237	1.959	1.782
New Zealand	18.942	15.688	12.433	9.179	5.925	2.671	2.237	1.959	1.782
Nicaragua	12.404	9.272	7.775	6.279	4.782	3.286	2.237	1.959	1.782
Niger	0.943	0.936	0.875	0.969	0.992	1.014	1.047	1.064	1.062
Nigeria	5.251	6.497	6.039	5.173	4.307	3.441	2.576	1.959	1.782
Niue	1.055	1.843	2.513	2.461	2.353	2.235	2.045	1.878	1.671
Norway	10.925	9.274	7.623	5.973	4.322	2.671	2.237	1.959	1.782
Oman	13.506	11.339	9.172	7.005	4.838	2.671	2.237	1.959	1.782
Pakistan	2.030	2.325	2.694	3.056	3.434	3.089	2.743	2.397	2.052
Palau	5.727	6.477	6.198	5.269	4.340	3.411	2.483	1.959	1.782
Panama	19.160	15.862	12.564	9.267	5.969	2.671	2.237	1.959	1.782
Papua New Guinea	5.037	-20.892	-29.208	-29.865	-31.732	-30.564	-25.117	-27.081	-20.440
Paraguay	16.156	13.459	10.762	8.065	5.368	2.671	2.237	1.959	1.782
Peru	6.349	3.594	1.119	-0.192	-1.474	-2.926	3.507	3.121	2.735
Philippines	2.725	2.806	3.291	3.226	3.436	3.090	2.744	2.398	2.052
Poland	12.331	10.399	8.467	6.535	4.603	2.671	2.237	1.959	1.782
Portugal	7.398	6.452	5.507	4.562	3.616	2.671	2.237	1.959	1.782
Qatar	62.500	50.534	38.568	26.603	14.637	2.671	2.237	1.959	1.782
Romania	8.358	7.221	6.083	4.946	3.808	2.671	2.237	1.959	1.782
Russian Federation	13.729	11.517	9.305	7.094	4.882	2.671	2.237	1.959	1.782
Rwanda	1.422	1.741	1.820	1.937	2.095	2.263	2.351	2.200	2.049
Saint Kitts & Nevis	3.841	5.453	6.035	5.170	4.305	3.440	2.575	1.959	1.782
Saint Lucia	5.657	6.781	5.826	4.871	3.916	2.961	2.237	1.959	1.782
Saint Vincent & Grenadines	3.997	5.358	6.307	5.411	4.515	3.619	2.722	1.959	1.782
Samoa	3.256	3.900	4.573	4.570	4.012	3.455	2.897	2.339	1.782
Sao Tome & Principe	1.758	2.182	2.586	3.113	3.446	3.086	2.726	2.366	2.006
Saudi Arabia	17.978	14.917	11.855	8.794	5.732	2.671	2.237	1.959	1.782
Senegal	2.385	2.776	2.895	3.463	3.535	3.143	2.751	2.359	1.966
Serbia & Montenegro	7.567	6.587	5.608	4.629	3.650	2.671	2.237	1.959	1.782
Seychelles	9.626	8.235	6.844	5.453	4.062	2.671	2.237	1.959	1.782
Sierra Leone	5.434	6.515	5.004	5.575	4.727	4.021	3.316	2.610	1.904

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Singapore	13.053	10.976	8.900	6.824	4.747	2.671	2.237	1.959	1.782
Slovakia	15.731	13.119	10.507	7.895	5.283	2.671	2.237	1.959	1.782
Slovenia	16.568	13.789	11.009	8.230	5.450	2.671	2.237	1.959	1.782
Solomon Islands	0.868	0.569	0.502	0.468	0.400	0.362	0.370	0.293	0.327
South Africa	9.899	8.454	7.008	5.562	4.116	2.671	2.237	1.959	1.782
Spain	10.433	8.881	7.328	5.776	4.223	2.671	2.237	1.959	1.782
Sri Lanka	4.069	5.182	6.292	5.399	4.506	3.613	2.720	1.959	1.782
Sudan	4.702	5.164	5.494	5.247	4.481	3.716	2.950	2.185	1.782
Suriname	8.814	7.585	6.357	5.128	3.899	2.671	2.237	1.959	1.782
Swaziland	1.985	2.759	3.570	3.793	3.938	3.440	2.942	2.444	1.945
Sweden	7.765	6.746	5.727	4.708	3.690	2.671	2.237	1.959	1.782
Switzerland	7.605	6.618	5.631	4.644	3.658	2.671	2.237	1.959	1.782
Syria	3.901	4.600	5.107	4.887	4.203	3.519	2.836	2.152	1.782
Taiwan	15.469	12.909	10.350	7.790	5.230	2.671	2.237	1.959	1.782
Tajikistan	1.340	1.271	1.208	1.376	1.529	1.618	1.692	1.670	1.645
Tanzania	2.431	2.512	2.678	2.832	3.214	2.997	2.688	2.378	2.068
Thailand	7.139	6.245	5.352	4.458	3.564	2.671	2.237	1.959	1.782
Togo	4.459	5.824	5.639	5.209	4.425	3.641	2.858	2.074	1.782
Tonga	1.957	1.860	1.757	1.706	1.636	1.553	1.462	1.384	1.307
Trinidad & Tobago	31.955	26.098	20.241	14.384	8.528	2.671	2.237	1.959	1.782
Tunisia	5.248	6.511	6.017	5.101	4.186	3.270	2.354	1.959	1.782
Turkey	5.937	6.324	6.028	5.164	4.301	3.437	2.574	1.959	1.782
Turkmenistan	17.567	14.588	11.609	8.629	5.650	2.671	2.237	1.959	1.782
Uganda	2.690	3.444	3.628	3.484	3.407	3.067	2.727	2.387	2.046
Ukraine	11.063	9.385	7.706	6.028	4.349	2.671	2.237	1.959	1.782
United Arab Emirates	38.373	31.232	24.092	16.952	9.811	2.671	2.237	1.959	1.782
United Kingdom	11.366	9.627	7.888	6.149	4.410	2.671	2.237	1.959	1.782
United States of America	20.485	16.922	13.359	9.797	6.234	2.671	2.237	1.959	1.782
Uruguay	2.250	-0.515	-3.793	-5.519	-7.380	-9.425	1.256	4.701	3.975
Uzbekistan	8.528	7.356	6.185	5.014	3.842	2.671	2.237	1.959	1.782
Vanuatu	2.371	2.558	2.774	2.772	2.663	2.565	2.407	2.230	2.053
Venezuela	14.554	12.177	9.800	7.424	5.047	2.671	2.237	1.959	1.782
Vietnam	1.656	1.832	2.289	2.481	2.871	2.812	2.556	2.301	2.045
Yemen	1.685	1.634	1.610	1.700	1.801	1.904	1.990	1.978	1.907
Zambia	20.075	18.463	16.433	11.350	9.198	7.045	4.892	2.740	1.782
Zimbabwe	5.979	5.222	4.935	3.685	3.632	3.203	2.775	2.346	1.918

Appendix E5

450S Total Emission Allocations: Equal Emission Rights Approach (MtCO₂-eq)

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	32.07	267.33	258.54	206.85	167.97	142.87	126.80	116.94	111.40
Albania	18.12	23.34	20.99	15.63	11.85	9.47	7.96	6.98	6.34
Algeria	203.43	258.85	238.80	182.04	141.11	114.97	98.02	86.87	79.39
Angola	91.66	139.03	134.03	107.24	87.54	75.20	67.53	62.98	60.62
Antigua & Barbuda	2.31	0.66	0.61	0.47	0.37	0.31	0.27	0.24	0.22
Argentina	427.95	300.72	275.19	208.86	162.06	132.78	114.10	102.04	94.28
Armenia	7.85	21.14	18.72	13.79	10.37	8.22	6.84	5.93	5.31
Australia	575.90	160.61	148.01	113.12	88.23	72.52	62.48	56.09	52.12
Austria	100.00	57.92	50.70	36.89	27.43	21.52	17.70	15.18	13.48
Azerbaijan	50.00	63.63	58.15	43.85	33.64	27.20	23.06	20.37	18.57
Bahamas	2.20	2.47	2.25	1.70	1.31	1.06	0.90	0.79	0.72
Bahrain	23.61	5.77	5.34	4.09	3.19	2.61	2.24	1.99	1.84
Bangladesh	133.98	1,224.02	1,147.80	894.85	709.97	591.19	513.57	462.98	430.97
Barbados	3.84	2.12	1.88	1.39	1.04	0.83	0.68	0.59	0.52
Belarus	73.86	65.86	56.53	40.31	29.45	22.76	18.50	15.67	13.74
Belgium	153.71	74.00	64.88	47.33	35.35	27.89	23.08	19.92	17.80
Belize	29.38	2.52	2.42	1.91	1.54	1.30	1.15	1.06	1.01
Benin	115.60	79.86	80.03	66.31	55.90	49.47	45.67	43.68	43.02
Bhutan	1.79	5.05	4.67	3.57	2.79	2.30	1.98	1.78	1.65
Bolivia	100.27	76.53	72.24	56.48	45.08	37.91	33.37	30.54	28.86
Bosnia & Herzegovina	24.47	27.59	24.03	17.33	12.75	9.88	8.02	6.78	5.92
Botswana	30.83	15.25	14.15	10.84	8.44	6.94	6.01	5.43	5.10
Brazil	1,808.11	1,469.75	1,349.45	1,026.50	797.39	653.08	560.08	499.19	459.16
Brunei	10.02	3.12	2.95	2.31	1.85	1.55	1.36	1.25	1.18
Bulgaria	93.05	49.95	41.85	29.11	20.73	15.60	12.33	10.14	8.61
Burkina Faso	22.02	132.83	135.05	113.91	98.12	89.04	84.55	83.34	84.68

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Burundi	10.08	78.03	79.29	66.68	57.08	51.30	48.08	46.65	46.58
Cambodia	74.03	116.65	111.36	87.63	69.93	58.62	51.42	46.89	44.05
Cameroon	201.28	154.37	148.38	117.82	95.32	81.19	72.35	67.01	64.12
Canada	822.99	245.19	222.62	167.80	129.22	104.98	89.43	79.43	73.12
Cape Verde	0.64	3.75	3.34	2.46	1.84	1.44	1.17	0.98	0.84
Central African Republic	43.88	33.96	31.64	24.33	19.05	15.71	13.59	12.27	11.48
Chad	29.56	87.90	84.42	67.25	54.79	47.16	42.64	40.19	39.37
Chile	118.68	124.36	112.81	84.78	64.95	52.38	44.20	38.80	35.19
China	7,936.61	9,742.60	8,760.07	6,498.01	4,901.71	3,896.46	3,249.58	2,823.16	2,533.89
Colombia	264.48	354.51	326.09	248.36	192.71	157.24	134.11	118.77	108.53
Comoros	0.87	5.52	5.48	4.51	3.79	3.35	3.10	2.97	2.92
Congo	31.29	33.35	33.44	27.64	23.16	20.32	18.56	17.57	17.13
Congo, Dem. Republic	758.20	562.15	569.47	477.05	406.55	363.83	339.79	328.86	327.63
Cook Islands	0.03	0.11	0.08	0.05	0.04	0.03	0.02	0.02	0.02
Costa Rica	25.01	34.61	32.04	24.53	19.12	15.68	13.45	11.98	11.01
Côte d'Ivoire	236.21	160.21	153.62	121.63	98.06	83.19	73.85	68.15	64.95
Croatia	37.80	30.89	26.83	19.36	14.27	11.11	9.07	7.72	6.80
Cuba	51.03	80.62	71.00	51.86	38.65	30.33	24.90	21.23	18.67
Cyprus	10.83	6.24	5.83	4.47	3.46	2.81	2.37	2.07	1.86
Czech Republic	176.02	70.87	61.36	44.05	32.32	25.04	20.38	17.30	15.21
Denmark	69.24	38.96	34.50	25.44	19.19	15.25	12.69	11.01	9.90
Djibouti	2.08	7.00	6.82	5.49	4.49	3.85	3.43	3.16	3.00
Dominica	0.25	0.51	0.45	0.33	0.25	0.19	0.16	0.13	0.12
Dominican Republic	36.85	76.76	71.80	55.63	43.98	36.64	31.97	29.02	27.21
Ecuador	86.60	106.21	99.10	76.49	60.18	49.82	43.12	38.76	35.94
Egypt	270.11	622.17	592.78	466.52	374.56	317.17	281.36	259.37	246.68
El Salvador	20.98	54.99	51.88	40.64	32.56	27.53	24.39	22.49	21.44
Equatorial Guinea	11.41	4.43	4.38	3.57	2.97	2.59	2.36	2.23	2.17
Eritrea	10.90	40.81	39.75	31.94	26.12	22.47	20.19	18.83	18.11
Estonia	16.02	8.83	7.45	5.20	3.70	2.79	2.21	1.82	1.55
Ethiopia	100.87	723.96	740.33	629.15	547.12	502.27	483.00	482.56	497.09
Fiji	3.25	6.64	6.19	4.79	3.79	3.17	2.78	2.54	2.39
Finland	74.53	37.06	32.47	23.62	17.54	13.74	11.29	9.69	8.62
France	584.51	449.17	400.61	296.72	225.04	180.41	151.74	132.84	120.28
Gabon	19.08	11.04	10.65	8.55	7.04	6.14	5.62	5.37	5.32
Gambia	2.33	14.65	14.41	11.73	9.72	8.47	7.72	7.29	7.12
Georgia	10.40	30.30	26.04	18.59	13.59	10.52	8.57	7.30	6.45
Germany	1,066.09	574.01	499.52	361.26	267.37	209.17	171.92	147.49	131.20
Ghana	90.47	190.12	180.29	141.42	113.17	95.44	84.25	77.31	73.24
Greece	136.46	78.53	68.56	49.73	36.99	29.15	24.14	20.84	18.61

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Grenada	1.18	0.78	0.70	0.52	0.39	0.30	0.25	0.21	0.19
Guatemala	97.29	108.98	104.05	82.06	65.87	55.62	49.13	45.10	42.74
Guinea	39.04	81.12	80.94	67.12	56.90	50.84	47.54	46.18	46.27
Guinea-Bissau	5.42	13.65	13.11	10.42	8.46	7.24	6.49	6.05	5.82
Guyana	21.04	4.92	4.40	3.35	2.62	2.15	1.85	1.64	1.51
Haiti	13.39	78.18	74.77	59.28	47.89	40.67	36.12	33.35	31.80
Honduras	36.89	58.18	55.14	43.16	34.41	28.90	25.40	23.21	21.92
Hungary	105.05	68.79	59.35	42.60	31.32	24.35	19.91	17.00	15.04
Iceland	3.51	2.24	2.02	1.51	1.16	0.93	0.79	0.69	0.63
India	2,362.46	8,792.87	8,158.72	6,272.14	4,922.12	4,071.62	3,527.69	3,179.18	2,961.23
Indonesia	3,064.06	1,725.50	1,580.79	1,201.70	934.21	765.83	656.78	584.89	537.39
Iran	715.65	527.02	484.62	366.92	281.41	227.13	192.51	170.06	154.95
Iraq	132.58	233.21	226.20	180.84	147.20	126.07	112.88	104.85	100.33
Ireland	69.96	32.46	29.69	22.46	17.35	14.16	12.13	10.82	9.96
Israel	102.95	57.05	53.39	41.31	32.62	27.14	23.62	21.31	19.81
Italy	612.12	407.42	352.74	254.00	187.54	146.50	120.12	102.54	90.56
Jamaica	78.16	20.04	18.15	13.69	10.58	8.63	7.40	6.62	6.14
Japan	1,429.60	874.85	747.25	528.55	381.96	291.23	232.78	193.83	167.21
Jordan	34.06	47.85	46.04	36.71	29.84	25.58	22.98	21.46	20.67
Kazakhstan	213.23	110.07	97.72	71.65	53.53	42.22	34.97	30.16	26.83
Kenya	70.66	319.51	302.14	234.06	185.44	155.90	137.59	125.85	118.41
Kiribati	0.01	0.87	0.84	0.68	0.56	0.48	0.44	0.41	0.40
Korea (North)	142.12	172.43	152.87	112.33	84.40	67.05	55.89	48.48	43.46
Korea (South)	702.96	345.95	304.52	222.42	165.57	129.43	105.58	89.26	77.73
Kuwait	94.57	24.91	24.91	20.30	16.79	14.63	13.33	12.63	12.34
Kyrgyzstan	13.73	41.38	38.70	29.89	23.55	19.59	17.13	15.60	14.67
Laos	39.80	49.83	48.29	38.58	31.40	26.94	24.16	22.45	21.43
Latvia	2.61	15.14	12.80	8.96	6.42	4.87	3.88	3.22	2.76
Lebanon	28.06	31.22	28.40	21.43	16.55	13.50	11.52	10.18	9.26
Lesotho	3.31	14.03	12.27	8.88	6.55	5.11	4.19	3.61	3.24
Liberia	83.75	32.58	31.45	25.24	20.73	17.96	16.30	15.37	14.99
Libya	82.28	51.15	48.73	38.26	30.62	25.86	22.87	20.99	19.84
Lithuania	14.32	23.23	20.00	14.26	10.38	7.98	6.44	5.42	4.71
Luxembourg	13.37	3.60	3.33	2.56	2.02	1.68	1.46	1.33	1.25
Macedonia, FYR	14.29	14.59	12.88	9.44	7.06	5.57	4.60	3.96	3.53
Madagascar	97.62	175.71	177.14	147.85	125.82	112.66	105.44	102.42	102.51
Malawi	34.41	121.59	121.45	100.35	84.41	74.64	68.95	66.11	65.33
Malaysia	859.29	213.09	201.94	158.63	127.06	107.12	94.55	86.85	82.47
Maldives	0.96	2.42	2.11	1.53	1.18	0.97	0.84	0.75	0.69
Mali	43.88	105.31	104.98	86.73	72.92	64.32	59.15	56.32	55.18

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Malta	2.97	2.94	2.61	1.91	1.43	1.13	0.93	0.80	0.71
Mauritania	14.47	26.29	25.64	20.69	17.01	14.72	13.33	12.53	12.16
Mauritius	6.79	9.38	8.46	6.33	4.83	3.88	3.26	2.85	2.57
Mexico	846.02	806.65	741.98	565.93	440.66	361.54	310.58	277.40	255.80
Moldova	12.46	26.89	23.37	16.82	12.35	9.57	7.78	6.60	5.79
Mongolia	36.21	20.70	19.32	14.87	11.64	9.61	8.30	7.45	6.89
Morocco	98.08	235.20	216.09	164.70	128.27	105.40	90.81	81.44	75.48
Mozambique	30.39	172.38	165.43	131.82	107.24	92.04	82.94	77.97	75.95
Myanmar	509.94	362.38	326.91	244.30	186.37	149.83	126.13	110.42	99.83
Namibia	14.67	15.43	13.82	10.18	7.63	6.00	4.95	4.26	3.81
Nauru	0.12	0.11	0.10	0.08	0.06	0.05	0.05	0.04	0.04
Nepal	210.99	220.91	209.77	164.00	130.60	109.34	95.69	87.09	81.93
Netherlands	236.60	118.94	105.72	78.12	59.04	47.04	39.25	34.11	30.72
New Zealand	82.25	31.73	28.90	21.84	16.85	13.70	11.66	10.33	9.46
Nicaragua	74.29	45.58	43.06	33.65	26.79	22.44	19.68	17.93	16.87
Niger	15.06	134.03	140.30	121.88	107.90	100.24	96.92	96.77	99.10
Nigeria	821.71	1,204.05	1,149.56	907.96	731.22	620.17	550.39	507.80	484.05
Niue	0.00	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
Norway	51.42	33.50	29.85	22.16	16.83	13.46	11.28	9.84	8.91
Oman	39.75	23.89	23.98	19.82	16.63	14.63	13.40	12.72	12.43
Pakistan	343.07	1,273.42	1,194.35	930.46	741.30	622.34	546.37	498.44	469.59
Palau	0.12	0.15	0.13	0.10	0.07	0.06	0.05	0.04	0.04
Panama	66.94	26.23	24.46	18.89	14.87	12.32	10.66	9.58	8.87
Papua New Guinea	34.09	52.13	49.67	39.09	31.32	26.40	23.26	21.28	20.10
Paraguay	107.47	52.18	50.85	41.03	33.76	29.23	26.47	24.90	24.17
Peru	184.63	215.33	198.13	150.99	117.31	95.92	82.05	72.94	66.94
Philippines	254.60	717.67	684.25	539.84	434.43	368.28	326.73	301.18	286.50
Poland	469.46	265.44	230.34	165.55	121.44	93.99	76.35	64.62	56.58
Portugal	79.29	75.67	66.38	48.31	35.98	28.31	23.33	19.99	17.67
Qatar	53.25	6.20	5.63	4.26	3.31	2.72	2.36	2.14	2.01
Romania	179.62	148.97	128.61	92.24	67.77	52.70	43.05	36.64	32.24
Russian Federation	1,918.65	954.78	813.06	575.49	417.86	321.91	261.42	221.83	195.05
Rwanda	15.10	85.17	84.41	69.18	58.03	51.53	48.10	46.80	47.08
Saint Kitts & Nevis	0.19	0.36	0.34	0.26	0.20	0.16	0.14	0.12	0.11
Saint Lucia	0.95	1.20	1.07	0.79	0.60	0.48	0.40	0.34	0.30
Saint Vincent & Grenadines	0.47	0.81	0.70	0.50	0.37	0.29	0.24	0.21	0.19
Samoa	0.64	1.48	1.40	1.11	0.90	0.78	0.71	0.68	0.67
Sao Tome & Principe	0.31	1.45	1.46	1.20	1.01	0.88	0.80	0.75	0.73
Saudi Arabia	459.75	193.42	180.28	139.90	112.23	95.86	86.18	80.61	77.73

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Senegal	32.20	107.66	106.44	86.94	72.32	63.30	57.93	55.03	53.88
Serbia & Montenegro	80.22	72.53	62.07	44.25	32.34	25.01	20.30	17.20	15.09
Seychelles	0.84	0.64	0.58	0.44	0.34	0.27	0.23	0.20	0.18
Sierra Leone	33.82	48.84	48.20	39.85	33.87	30.45	28.75	28.27	28.74
Singapore	59.15	32.94	29.65	22.02	16.61	13.12	10.79	9.15	7.96
Slovakia	85.35	38.17	33.42	24.24	17.97	14.06	11.54	9.87	8.74
Slovenia	33.02	13.82	11.91	8.50	6.20	4.78	3.86	3.25	2.83
Solomon Islands	0.46	4.17	4.02	3.20	2.60	2.22	1.97	1.82	1.74
South Africa	480.10	333.87	293.88	215.42	162.03	129.14	108.41	95.22	86.92
Spain	455.11	304.91	264.66	190.66	140.76	110.07	90.43	77.30	68.17
Sri Lanka	83.97	150.32	135.95	101.83	77.93	62.95	53.29	46.89	42.59
Sudan	192.89	320.28	311.83	251.43	206.95	179.77	163.96	155.96	153.60
Suriname	4.21	3.52	3.23	2.46	1.91	1.56	1.33	1.18	1.08
Swaziland	2.41	9.03	8.34	6.38	4.98	4.10	3.53	3.16	2.94
Sweden	70.63	64.24	56.83	41.82	31.39	24.85	20.66	17.96	16.23
Switzerland	57.57	53.52	47.20	34.57	25.87	20.40	16.85	14.50	12.91
Syria	88.15	163.05	154.44	120.95	96.48	81.02	71.17	64.92	61.04
Taiwan	359.20	163.91	143.96	104.83	77.83	60.69	49.38	41.66	36.23
Tajikistan	9.64	55.13	52.30	40.93	32.61	27.38	24.09	22.03	20.78
Tanzania	103.77	328.98	312.28	243.73	193.41	161.61	141.45	128.84	121.32
Thailand	464.85	468.30	418.86	310.68	235.16	187.51	156.57	135.95	121.95
Togo	31.93	57.34	56.98	46.80	39.19	34.61	32.04	30.84	30.65
Tonga	0.21	0.81	0.76	0.59	0.47	0.40	0.35	0.31	0.30
Trinidad & Tobago	42.03	9.16	7.94	5.68	4.14	3.20	2.60	2.21	1.95
Tunisia	55.30	77.30	70.53	53.19	40.82	32.97	27.87	24.49	22.18
Turkey	458.09	572.95	527.55	401.85	312.20	255.49	218.73	194.49	178.36
Turkmenistan	89.94	37.95	35.13	26.91	20.97	17.18	14.75	13.19	12.20
Uganda	92.22	287.07	300.20	260.84	231.97	218.02	215.01	220.74	234.12
Ukraine	504.00	309.09	261.80	184.33	133.04	101.75	81.94	68.90	60.00
United Arab Emirates	191.74	40.64	40.00	31.76	25.24	20.85	17.86	15.79	14.35
United Kingdom	694.06	433.77	385.36	284.76	215.19	171.64	143.69	125.49	113.58
United States of America	6,375.51	2,286.60	2,100.14	1,605.78	1,258.42	1,043.68	910.39	829.60	784.68
Uruguay	7.62	24.23	21.62	16.06	12.22	9.82	8.26	7.24	6.56
Uzbekistan	234.30	201.57	184.80	140.50	108.79	88.62	75.61	67.16	61.69
Vanuatu	0.55	1.73	1.60	1.23	0.97	0.80	0.69	0.62	0.58
Venezuela	416.70	215.58	201.71	156.31	123.48	102.65	89.27	80.73	75.43
Vietnam	145.99	650.26	595.91	451.63	348.71	283.52	241.35	213.54	194.98
Yemen	41.05	193.61	189.03	151.61	123.54	105.87	94.88	88.25	84.58
Zambia	249.93	94.11	88.32	68.57	54.26	45.24	39.54	35.99	33.92
Zimbabwe	78.53	112.30	109.43	87.68	71.24	61.06	55.07	51.88	50.61

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
		50,442.7	46,445.1	35,463.6	27,668.2	22,791.3	19,701.3	17,744.4	16,536.2
World Total	48,737.71	2	8	3	4	3	0	5	4

Appendix E6

450S Per Capita Emission Allocations: Equal Emission Rights Approach (tCO₂-eq per person)

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	0.940	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Albania	5.593	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Algeria	5.829	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Angola	5.102	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Antigua & Barbuda	26.119	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Argentina	10.467	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Armenia	2.614	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Australia	26.546	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Austria	12.103	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Azerbaijan	5.752	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Bahamas	6.500	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Bahrain	30.410	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Bangladesh	0.819	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Barbados	12.893	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Belarus	7.710	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Belgium	14.585	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Belize	89.978	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Benin	11.694	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Bhutan	2.626	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Bolivia	9.960	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Bosnia & Herzegovina	6.205	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Botswana	15.227	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Brazil	9.095	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Brunei	24.501	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Bulgaria	12.529	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Burkina Faso	1.353	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Burundi	1.061	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Cambodia	4.863	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Cameroon	10.119	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Canada	24.434	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Cape Verde	1.230	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Central African Republic	9.704	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Chad	2.598	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Chile	6.956	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
China	5.898	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Colombia	5.523	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Comoros	1.264	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Congo	7.572	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Congo, Dem. Republic	11.007	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Cook Islands	1.851	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Costa Rica	5.387	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Côte d'Ivoire	11.419	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Croatia	8.525	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Cuba	4.472	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Cyprus	13.095	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Czech Republic	17.266	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Denmark	12.591	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Djibouti	2.325	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Dominica	3.486	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Dominican Republic	3.611	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Ecuador	6.125	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Egypt	3.342	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
El Salvador	2.891	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Equatorial Guinea	20.555	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Eritrea	2.107	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Estonia	12.289	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Ethiopia	1.143	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Fiji	3.662	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Finland	14.121	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
France	9.327	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Gabon	13.348	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Gambia	1.259	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Georgia	2.363	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Germany	12.950	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Ghana	3.639	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Greece	12.196	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Grenada	10.834	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Guatemala	6.882	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Guinea	3.845	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Guinea-Bissau	3.065	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Guyana	29.532	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Haiti	1.314	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Honduras	4.860	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Hungary	10.548	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Iceland	11.366	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
India	2.007	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Indonesia	13.088	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Iran	10.003	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Iraq	4.468	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Ireland	15.893	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Israel	13.634	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Italy	10.447	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Jamaica	28.293	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Japan	11.253	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Jordan	5.152	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Kazakhstan	13.827	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Kenya	1.730	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Kiribati	0.125	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Korea (North)	5.870	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Korea (South)	14.367	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Kuwait	31.254	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Kyrgyzstan	2.494	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Laos	6.245	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Latvia	1.170	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Lebanon	6.599	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Lesotho	1.660	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Liberia	19.982	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Libya	12.432	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Lithuania	4.254	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Luxembourg	27.545	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Macedonia, FYR	6.935	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Madagascar	4.506	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Malawi	2.272	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Malaysia	30.687	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Maldives	2.776	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Mali	3.324	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Malta	7.192	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Mauritania	4.325	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Mauritius	5.245	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Mexico	7.749	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Moldova	3.232	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Mongolia	13.163	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Morocco	3.076	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Mozambique	1.352	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Myanmar	10.211	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Namibia	6.922	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Nauru	8.254	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Nepal	7.288	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Netherlands	14.173	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
New Zealand	18.942	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Nicaragua	12.404	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Niger	0.943	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Nigeria	5.251	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Niue	1.055	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Norway	10.925	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Oman	13.506	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Pakistan	2.030	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Palau	5.727	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Panama	19.160	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Papua New Guinea	5.037	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Paraguay	16.156	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Peru	6.349	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Philippines	2.725	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Poland	12.331	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Portugal	7.398	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Qatar	62.500	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Romania	8.358	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Russian Federation	13.729	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Rwanda	1.422	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Saint Kitts & Nevis	3.841	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Saint Lucia	5.657	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Saint Vincent & Grenadines	3.997	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Samoa	3.256	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Sao Tome & Principe	1.758	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Saudi Arabia	17.978	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Senegal	2.385	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Serbia & Montenegro	7.567	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Seychelles	9.626	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Sierra Leone	5.434	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Singapore	13.053	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Slovakia	15.731	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Slovenia	16.568	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Solomon Islands	0.868	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
South Africa	9.899	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Spain	10.433	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Sri Lanka	4.069	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Sudan	4.702	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Suriname	8.814	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Swaziland	1.985	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Sweden	7.765	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Switzerland	7.605	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Syria	3.901	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Taiwan	15.469	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Tajikistan	1.340	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Tanzania	2.431	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Thailand	7.139	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Togo	4.459	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Tonga	1.957	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Trinidad & Tobago	31.955	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Tunisia	5.248	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Turkey	5.937	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Turkmenistan	17.567	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Uganda	2.690	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Ukraine	11.063	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
United Arab Emirates	38.373	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
United Kingdom	11.366	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
United States of America	20.485	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Uruguay	2.250	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Uzbekistan	8.528	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Vanuatu	2.371	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Venezuela	14.554	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Vietnam	1.656	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Yemen	1.685	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Zambia	20.075	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782
Zimbabwe	5.979	7.002	6.132	4.478	3.358	2.671	2.237	1.959	1.782

Appendix E7

450S Total Emission Allocations: Emission Debt Approach (MtCO₂-eq)

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	32.07	386.23	373.52	298.84	242.68	206.41	183.20	168.94	160.95
Albania	18.12	34.98	31.47	23.44	17.77	14.20	11.93	10.46	9.50
Algeria	203.43	326.81	301.49	229.84	178.16	145.15	123.75	109.67	100.24
Angola	91.66	154.01	148.47	118.79	96.98	83.30	74.80	69.76	67.15
Antigua & Barbuda	2.31	-0.39	-0.36	-0.28	-0.22	-0.18	-0.16	-0.14	-0.13
Argentina	427.95	215.52	197.22	149.68	116.14	95.16	81.77	73.13	67.57
Armenia	7.85	33.29	29.48	21.72	16.32	12.95	10.77	9.34	8.36
Australia	575.90	-145.12	-133.73	-102.20	-79.72	-65.53	-56.46	-50.67	-47.09
Austria	100.00	29.94	26.21	19.07	14.18	11.12	9.15	7.85	6.97
Azerbaijan	50.00	67.07	61.29	46.21	35.45	28.66	24.31	21.47	19.57
Bahamas	2.20	2.48	2.26	1.70	1.31	1.06	0.90	0.79	0.72
Bahrain	23.61	-5.24	-4.85	-3.72	-2.90	-2.38	-2.03	-1.81	-1.67
Bangladesh	133.98	1,923.53	1,803.75	1,406.25	1,115.71	929.05	807.06	727.56	677.26
Barbados	3.84	2.40	2.13	1.57	1.18	0.93	0.77	0.66	0.59
Belarus	73.86	43.58	37.40	26.67	19.48	15.06	12.24	10.37	9.09
Belgium	153.71	5.93	5.20	3.80	2.83	2.24	1.85	1.60	1.43
Belize	29.38	-16.20	-15.51	-12.26	-9.87	-8.35	-7.39	-6.80	-6.45

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Benin	115.60	77.83	78.01	64.63	54.48	48.22	44.52	42.58	41.93
Bhutan	1.79	7.29	6.73	5.15	4.03	3.32	2.86	2.57	2.38
Bolivia	100.27	14.98	14.14	11.06	8.83	7.42	6.53	5.98	5.65
Bosnia & Herzegovina	24.47	35.04	30.52	22.01	16.19	12.55	10.19	8.61	7.51
Botswana	30.83	-0.77	-0.71	-0.54	-0.42	-0.35	-0.30	-0.27	-0.26
Brazil	1,808.11	545.34	500.70	380.87	295.86	242.32	207.81	185.22	170.37
Brunei	10.02	-1.05	-1.00	-0.78	-0.62	-0.52	-0.46	-0.42	-0.40
Bulgaria	93.05	31.10	26.05	18.12	12.91	9.71	7.68	6.31	5.36
Burkina Faso	22.02	174.89	177.81	149.98	129.18	117.24	111.32	109.73	111.49
Burundi	10.08	104.77	106.46	89.53	76.64	68.89	64.56	62.64	62.54
Cambodia	74.03	127.72	121.92	95.94	76.57	64.18	56.30	51.33	48.23
Cameroon	201.28	147.04	141.33	112.22	90.79	77.33	68.91	63.83	61.07
Canada	822.99	-228.69	-207.64	-156.51	-120.52	-97.91	-83.42	-74.09	-68.20
Cape Verde	0.64	6.16	5.49	4.04	3.02	2.36	1.92	1.61	1.38
Central African Republic	43.88	30.30	28.22	21.71	16.99	14.02	12.13	10.94	10.24
Chad	29.56	115.63	111.06	88.47	72.07	62.05	56.09	52.88	51.79
Chile	118.68	137.41	124.65	93.68	71.77	57.88	48.84	42.87	38.88
China	7,936.61	12,540.47	11,275.78	8,364.10	6,309.38	5,015.44	4,182.80	3,633.92	3,261.57
Colombia	264.48	368.28	338.76	258.01	200.20	163.35	139.32	123.39	112.75
Comoros	0.87	7.90	7.84	6.46	5.43	4.80	4.43	4.24	4.18
Congo	31.29	34.49	34.59	28.58	23.95	21.01	19.20	18.17	17.72
Congo, Dem. Republic	758.20	513.51	520.20	435.77	371.37	332.35	310.39	300.40	299.28
Cook Islands	0.03	0.25	0.19	0.13	0.09	0.06	0.05	0.04	0.04
Costa Rica	25.01	38.35	35.51	27.18	21.19	17.38	14.90	13.27	12.20
Côte d'Ivoire	236.21	149.66	143.51	113.62	91.60	77.71	68.99	63.67	60.67
Croatia	37.80	33.48	29.08	20.98	15.47	12.04	9.83	8.37	7.37
Cuba	51.03	117.80	103.75	75.78	56.48	44.33	36.39	31.02	27.28
Cyprus	10.83	3.52	3.28	2.51	1.95	1.58	1.33	1.17	1.05
Czech Republic	176.02	-5.42	-4.69	-3.37	-2.47	-1.91	-1.56	-1.32	-1.16
Denmark	69.24	7.29	6.45	4.76	3.59	2.85	2.37	2.06	1.85
Djibouti	2.08	9.49	9.25	7.45	6.09	5.22	4.65	4.29	4.07
Dominica	0.25	0.79	0.69	0.51	0.38	0.29	0.24	0.20	0.18
Dominican Republic	36.85	105.10	98.31	76.17	60.22	50.17	43.78	39.74	37.26
Ecuador	86.60	93.69	87.41	67.47	53.08	43.95	38.04	34.19	31.70
Egypt	270.11	843.61	803.75	632.56	507.87	430.05	381.50	351.69	334.48
El Salvador	20.98	76.58	72.25	56.60	45.34	38.33	33.97	31.33	29.85
Equatorial Guinea	11.41	1.47	1.45	1.19	0.99	0.86	0.78	0.74	0.72
Eritrea	10.90	57.01	55.53	44.61	36.49	31.38	28.21	26.31	25.29
Estonia	16.02	-4.36	-3.67	-2.56	-1.83	-1.38	-1.09	-0.90	-0.76
Ethiopia	100.87	976.24	998.32	848.40	737.78	677.30	651.31	650.71	670.31
Fiji	3.25	8.85	8.25	6.38	5.05	4.23	3.71	3.38	3.19

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Finland	74.53	3.00	2.63	1.91	1.42	1.11	0.91	0.78	0.70
France	584.51	327.54	292.13	216.37	164.10	131.56	110.65	96.87	87.71
Gabon	19.08	7.89	7.60	6.10	5.03	4.38	4.02	3.84	3.80
Gambia	2.33	20.75	20.41	16.61	13.77	12.00	10.93	10.34	10.08
Georgia	10.40	49.80	42.79	30.56	22.34	17.29	14.09	12.00	10.60
Germany	1,066.09	106.33	92.53	66.92	49.53	38.75	31.85	27.32	24.30
Ghana	90.47	258.73	245.34	192.45	154.00	129.87	114.65	105.21	99.66
Greece	136.46	40.18	35.08	25.45	18.93	14.91	12.35	10.66	9.52
Grenada	1.18	1.14	1.02	0.75	0.56	0.44	0.36	0.31	0.27
Guatemala	97.29	102.95	98.30	77.52	62.22	52.54	46.41	42.60	40.38
Guinea	39.04	102.44	102.21	84.76	71.85	64.20	60.04	58.32	58.43
Guinea-Bissau	5.42	18.41	17.67	14.06	11.41	9.76	8.75	8.15	7.85
Guyana	21.04	-24.45	-21.87	-16.65	-13.00	-10.69	-9.17	-8.15	-7.48
Haiti	13.39	116.15	111.08	88.08	71.15	60.42	53.66	49.54	47.24
Honduras	36.89	66.40	62.93	49.25	39.27	32.98	28.99	26.49	25.02
Hungary	105.05	52.34	45.16	32.41	23.83	18.53	15.15	12.93	11.44
Iceland	3.51	1.12	1.01	0.76	0.58	0.47	0.39	0.35	0.31
India	2,362.46	13,352.14	12,389.18	9,524.36	7,474.34	6,182.84	5,356.87	4,827.65	4,496.68
Indonesia	3,064.06	371.79	340.61	258.93	201.29	165.01	141.52	126.03	115.79
Iran	715.65	508.24	467.35	353.84	271.39	219.03	185.65	164.00	149.42
Iraq	132.58	282.73	274.24	219.25	178.46	152.84	136.85	127.12	121.64
Ireland	69.96	1.60	1.47	1.11	0.86	0.70	0.60	0.53	0.49
Israel	102.95	33.41	31.26	24.19	19.10	15.90	13.83	12.48	11.60
Italy	612.12	273.89	237.13	170.75	126.07	98.48	80.75	68.93	60.88
Jamaica	78.16	15.16	13.73	10.36	8.00	6.53	5.60	5.01	4.65
Japan	1,429.60	447.16	381.95	270.16	195.23	148.86	118.98	99.07	85.46
Jordan	34.06	58.68	56.47	45.02	36.60	31.37	28.18	26.32	25.35
Kazakhstan	213.23	15.49	13.76	10.08	7.53	5.94	4.92	4.24	3.78
Kenya	70.66	447.84	423.49	328.08	259.93	218.52	192.85	176.40	165.97
Kiribati	0.01	1.33	1.30	1.05	0.86	0.75	0.68	0.64	0.62
Korea (North)	142.12	200.45	177.71	130.58	98.12	77.95	64.97	56.36	50.52
Korea (South)	702.96	176.72	155.55	113.61	84.57	66.12	53.93	45.60	39.71
Kuwait	94.57	-11.33	-11.33	-9.23	-7.64	-6.65	-6.06	-5.74	-5.61
Kyrgyzstan	13.73	59.23	55.39	42.78	33.70	28.04	24.52	22.33	21.00
Laos	39.80	48.59	47.09	37.62	30.62	26.27	23.56	21.89	20.90
Latvia	2.61	17.38	14.70	10.30	7.37	5.59	4.46	3.70	3.17
Lebanon	28.06	37.29	33.93	25.60	19.77	16.13	13.76	12.16	11.07
Lesotho	3.31	23.46	20.52	14.85	10.96	8.54	7.01	6.04	5.43
Liberia	83.75	12.70	12.26	9.84	8.09	7.01	6.36	6.00	5.84
Libya	82.28	34.88	33.24	26.10	20.89	17.63	15.60	14.32	13.53
Lithuania	14.32	22.37	19.25	13.73	10.00	7.68	6.20	5.22	4.54

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Luxembourg	13.37	-3.20	-2.96	-2.28	-1.80	-1.50	-1.30	-1.19	-1.12
Macedonia, FYR	14.29	16.12	14.23	10.43	7.80	6.15	5.08	4.38	3.90
Madagascar	97.62	189.65	191.19	159.58	135.80	121.59	113.81	110.54	110.64
Malawi	34.41	156.40	156.23	129.08	108.58	96.01	88.69	85.04	84.04
Malaysia	859.29	-325.73	-308.69	-242.48	-194.22	-163.75	-144.54	-132.76	-126.07
Maldives	0.96	3.60	3.14	2.28	1.76	1.45	1.25	1.12	1.04
Mali	43.88	130.47	130.06	107.45	90.34	79.69	73.28	69.78	68.37
Malta	2.97	2.96	2.62	1.92	1.44	1.13	0.93	0.81	0.72
Mauritania	14.47	29.29	28.57	23.05	18.95	16.40	14.85	13.96	13.55
Mauritius	6.79	13.21	11.91	8.90	6.79	5.46	4.59	4.01	3.61
Mexico	846.02	801.48	737.23	562.30	437.84	359.22	308.59	275.62	254.16
Moldova	12.46	38.39	33.36	24.01	17.63	13.66	11.11	9.42	8.26
Mongolia	36.21	9.76	9.10	7.01	5.49	4.53	3.91	3.51	3.25
Morocco	98.08	344.33	316.35	241.11	187.79	154.30	132.94	119.22	110.51
Mozambique	30.39	247.94	237.94	189.59	154.24	132.39	119.29	112.14	109.24
Myanmar	509.94	192.01	173.22	129.44	98.75	79.39	66.83	58.51	52.90
Namibia	14.67	15.54	13.92	10.26	7.68	6.05	4.99	4.29	3.84
Nauru	0.12	0.10	0.09	0.07	0.06	0.05	0.04	0.04	0.04
Nepal	210.99	223.29	212.03	165.76	132.00	110.52	96.72	88.02	82.81
Netherlands	236.60	13.39	11.90	8.79	6.64	5.29	4.42	3.84	3.46
New Zealand	82.25	-9.13	-8.32	-6.28	-4.85	-3.94	-3.36	-2.97	-2.72
Nicaragua	74.29	16.31	15.41	12.04	9.59	8.03	7.04	6.42	6.04
Niger	15.06	175.35	183.54	159.44	141.16	131.14	126.79	126.59	129.64
Nigeria	821.71	1,507.00	1,438.80	1,136.41	915.20	776.21	688.87	635.56	605.85
Niue	0.00	0.03	0.03	0.02	0.02	0.01	0.01	0.01	0.01
Norway	51.42	19.00	16.92	12.56	9.54	7.63	6.39	5.58	5.05
Oman	39.75	16.08	16.13	13.34	11.19	9.84	9.02	8.56	8.37
Pakistan	343.07	1,856.19	1,740.93	1,356.27	1,080.54	907.14	796.41	726.55	684.49
Palau	0.12	0.17	0.15	0.11	0.09	0.07	0.06	0.05	0.05
Panama	66.94	-8.74	-8.15	-6.29	-4.95	-4.10	-3.55	-3.19	-2.96
Papua New Guinea	34.09	-26.50	-25.25	-19.87	-15.92	-13.42	-11.82	-10.82	-10.22
Paraguay	107.47	34.04	33.17	26.77	22.02	19.07	17.27	16.24	15.77
Peru	184.63	147.19	135.43	103.21	80.18	65.57	56.08	49.86	45.75
Philippines	254.60	963.61	918.73	724.83	583.31	494.49	438.69	404.39	384.68
Poland	469.46	129.91	112.73	81.02	59.43	46.00	37.37	31.63	27.69
Portugal	79.29	76.57	67.16	48.88	36.41	28.64	23.61	20.23	17.88
Qatar	53.25	-19.70	-17.87	-13.52	-10.50	-8.64	-7.49	-6.79	-6.40
Romania	179.62	147.63	127.46	91.41	67.16	52.22	42.66	36.31	31.95
Russian Federation	1,918.65	-156.93	-133.64	-94.59	-68.68	-52.91	-42.97	-36.46	-32.06
Rwanda	15.10	115.84	114.80	94.09	78.92	70.07	65.41	63.64	64.03
Saint Kitts & Nevis	0.19	0.53	0.49	0.37	0.29	0.24	0.20	0.18	0.17

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Saint Lucia	0.95	1.73	1.54	1.14	0.86	0.68	0.57	0.49	0.44
Saint Vincent & Grenadines	0.47	1.29	1.12	0.81	0.60	0.47	0.39	0.34	0.30
Samoa	0.64	2.06	1.95	1.54	1.26	1.09	0.99	0.95	0.94
Sao Tome & Principe	0.31	2.03	2.04	1.68	1.40	1.23	1.12	1.05	1.02
Saudi Arabia	459.75	55.36	51.60	40.04	32.12	27.44	24.67	23.07	22.25
Senegal	32.20	143.84	142.21	116.16	96.63	84.57	77.40	73.53	71.99
Serbia & Montenegro	80.22	79.92	68.39	48.76	35.64	27.55	22.37	18.95	16.63
Seychelles	0.84	0.73	0.66	0.50	0.38	0.31	0.26	0.23	0.20
Sierra Leone	33.82	58.39	57.63	47.64	40.50	36.41	34.37	33.80	34.36
Singapore	59.15	17.08	15.37	11.41	8.61	6.80	5.59	4.75	4.13
Slovakia	85.35	16.96	14.85	10.77	7.98	6.24	5.13	4.39	3.88
Slovenia	33.02	6.50	5.60	4.00	2.92	2.25	1.82	1.53	1.33
Solomon Islands	0.46	6.04	5.82	4.64	3.76	3.21	2.85	2.64	2.51
South Africa	480.10	247.48	217.84	159.68	120.11	95.73	80.36	70.58	64.43
Spain	455.11	232.10	201.46	145.13	107.15	83.78	68.84	58.84	51.89
Sri Lanka	83.97	216.57	195.86	146.71	112.28	90.70	76.77	67.55	61.36
Sudan	192.89	380.40	370.36	298.63	245.79	213.52	194.74	185.23	182.43
Suriname	4.21	2.90	2.67	2.03	1.58	1.29	1.10	0.97	0.89
Swaziland	2.41	13.83	12.77	9.77	7.63	6.28	5.41	4.85	4.50
Sweden	70.63	55.01	48.67	35.81	26.88	21.28	17.69	15.38	13.89
Switzerland	57.57	50.81	44.80	32.82	24.56	19.36	16.00	13.76	12.25
Syria	88.15	205.22	194.39	152.23	121.44	101.98	89.58	81.71	76.82
Taiwan	359.20	90.14	79.17	57.65	42.80	33.38	27.16	22.91	19.92
Tajikistan	9.64	80.09	75.98	59.46	47.38	39.78	34.99	32.00	30.18
Tanzania	103.77	452.83	429.84	335.48	266.22	222.44	194.70	177.34	167.00
Thailand	464.85	533.15	476.87	353.70	267.73	213.47	178.25	154.78	138.83
Togo	31.93	71.80	71.35	58.60	49.08	43.34	40.11	38.62	38.38
Tonga	0.21	1.20	1.13	0.88	0.70	0.59	0.52	0.47	0.44
Trinidad & Tobago	42.03	-8.41	-7.28	-5.21	-3.80	-2.93	-2.38	-2.03	-1.79
Tunisia	55.30	102.52	93.54	70.54	54.14	43.72	36.97	32.48	29.42
Turkey	458.09	658.06	605.91	461.54	358.57	293.44	251.22	223.38	204.86
Turkmenistan	89.94	3.88	3.59	2.75	2.14	1.76	1.51	1.35	1.25
Uganda	92.22	353.23	369.40	320.96	285.44	268.27	264.57	271.62	288.08
Ukraine	504.00	91.38	77.40	54.50	39.33	30.08	24.22	20.37	17.74
United Arab Emirates	191.74	-43.95	-43.26	-34.35	-27.29	-22.54	-19.31	-17.07	-15.52
United Kingdom	694.06	200.61	178.22	131.69	99.52	79.38	66.45	58.04	52.53
United States of America	6,375.51	-1,282.45	-1,177.88	-900.61	-705.79	-585.35	-510.60	-465.29	-440.09
Uruguay	7.62	36.37	32.46	24.11	18.34	14.74	12.41	10.87	9.85
Uzbekistan	234.30	188.10	172.45	131.11	101.52	82.69	70.55	62.67	57.56
Vanuatu	0.55	2.32	2.16	1.66	1.30	1.07	0.93	0.84	0.78
Venezuela	416.70	28.96	27.10	21.00	16.59	13.79	11.99	10.84	10.13

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Vietnam	145.99	1,042.64	955.49	724.15	559.12	454.60	386.99	342.39	312.63
Yemen	41.05	268.04	261.69	209.89	171.03	146.57	131.35	122.17	117.09
Zambia	249.93	-52.05	-48.84	-37.92	-30.01	-25.02	-21.87	-19.90	-18.76
Zimbabwe	78.53	117.30	114.30	91.58	74.41	63.77	57.52	54.19	52.86
World Total	48,737.71	49,859.21	46,209.69	35,483.83	27,818.26	23,013.12	19,969.55	18,047.88	16,869.39

Appendix E8

450S Per Capita Emission Allocations: Emission Debt Approach (tCO₂-eq per person)

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	0.940	10.116	8.859	6.470	4.852	3.859	3.232	2.831	2.574
Albania	5.593	10.496	9.193	6.713	5.035	4.004	3.354	2.937	2.671
Algeria	5.829	8.840	7.742	5.654	4.240	3.372	2.824	2.474	2.249
Angola	5.102	7.756	6.793	4.960	3.720	2.959	2.478	2.170	1.974
Antigua & Barbuda	26.119	-4.138	-3.624	-2.646	-1.985	-1.578	-1.322	-1.158	-1.053
Argentina	10.467	5.018	4.395	3.209	2.407	1.914	1.603	1.404	1.277
Armenia	2.614	11.027	9.657	7.052	5.289	4.206	3.523	3.086	2.806
Australia	26.546	-6.326	-5.540	-4.046	-3.034	-2.413	-2.021	-1.770	-1.610
Austria	12.103	3.619	3.170	2.315	1.736	1.381	1.156	1.013	0.921
Azerbaijan	5.752	7.379	6.463	4.719	3.540	2.815	2.358	2.065	1.878
Bahamas	6.500	7.010	6.140	4.483	3.363	2.674	2.240	1.962	1.784
Bahrain	30.410	-6.360	-5.570	-4.068	-3.051	-2.426	-2.032	-1.780	-1.618
Bangladesh	0.819	11.003	9.637	7.037	5.278	4.197	3.516	3.079	2.800
Barbados	12.893	7.905	6.924	5.056	3.792	3.015	2.526	2.212	2.012
Belarus	7.710	4.633	4.057	2.963	2.222	1.767	1.480	1.296	1.179
Belgium	14.585	0.562	0.492	0.359	0.269	0.214	0.179	0.157	0.143
Belize	89.978	-44.934	-39.354	-28.738	-21.554	-17.140	-14.357	-12.574	-11.434

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Benin	11.694	6.824	5.977	4.365	3.273	2.603	2.180	1.910	1.737
Bhutan	2.626	10.098	8.844	6.458	4.844	3.852	3.226	2.826	2.570
Bolivia	9.960	1.371	1.201	0.877	0.658	0.523	0.438	0.384	0.349
Bosnia & Herzegovina	6.205	8.891	7.787	5.686	4.265	3.391	2.841	2.488	2.262
Botswana	15.227	-0.352	-0.308	-0.225	-0.169	-0.134	-0.112	-0.099	-0.090
Brazil	9.095	2.598	2.275	1.662	1.246	0.991	0.830	0.727	0.661
Brunei	24.501	-2.363	-2.070	-1.511	-1.134	-0.901	-0.755	-0.661	-0.601
Bulgaria	12.529	4.359	3.818	2.788	2.091	1.663	1.393	1.220	1.109
Burkina Faso	1.353	9.219	8.074	5.896	4.422	3.516	2.945	2.580	2.346
Burundi	1.061	9.401	8.234	6.013	4.510	3.586	3.004	2.631	2.392
Cambodia	4.863	7.666	6.714	4.903	3.677	2.924	2.449	2.145	1.951
Cameroon	10.119	6.669	5.841	4.265	3.199	2.544	2.131	1.866	1.697
Canada	24.434	-6.530	-5.719	-4.177	-3.132	-2.491	-2.087	-1.827	-1.662
Cape Verde	1.230	11.508	10.079	7.360	5.520	4.390	3.677	3.221	2.929
Central African Republic	9.704	6.246	5.470	3.995	2.996	2.382	1.996	1.748	1.589
Chad	2.598	9.211	8.067	5.891	4.418	3.514	2.943	2.578	2.344
Chile	6.956	7.736	6.776	4.948	3.711	2.951	2.472	2.165	1.969
China	5.898	9.012	7.893	5.764	4.323	3.438	2.880	2.522	2.293
Colombia	5.523	7.274	6.370	4.652	3.489	2.775	2.324	2.035	1.851
Comoros	1.264	10.017	8.774	6.407	4.805	3.821	3.201	2.803	2.549
Congo	7.572	7.241	6.342	4.631	3.474	2.762	2.314	2.026	1.843
Congo, Dem. Republic	11.007	6.396	5.602	4.090	3.068	2.440	2.044	1.790	1.628
Cook Islands	1.851	16.647	14.580	10.647	7.985	6.350	5.319	4.659	4.236
Costa Rica	5.387	7.759	6.796	4.963	3.722	2.960	2.479	2.171	1.975
Côte d'Ivoire	11.419	6.541	5.728	4.183	3.137	2.495	2.090	1.830	1.664
Croatia	8.525	7.589	6.647	4.854	3.640	2.895	2.425	2.124	1.931
Cuba	4.472	10.231	8.961	6.543	4.908	3.903	3.269	2.863	2.603
Cyprus	13.095	3.942	3.452	2.521	1.891	1.504	1.259	1.103	1.003
Czech Republic	17.266	-0.535	-0.469	-0.342	-0.257	-0.204	-0.171	-0.150	-0.136
Denmark	12.591	1.310	1.147	0.838	0.628	0.500	0.419	0.367	0.333
Djibouti	2.325	9.496	8.316	6.073	4.555	3.622	3.034	2.657	2.416
Dominica	3.486	10.688	9.361	6.836	5.127	4.077	3.415	2.991	2.720
Dominican Republic	3.611	9.587	8.397	6.132	4.599	3.657	3.063	2.683	2.440
Ecuador	6.125	6.176	5.409	3.950	2.962	2.356	1.973	1.728	1.572
Egypt	3.342	9.494	8.315	6.072	4.554	3.621	3.033	2.657	2.416
El Salvador	2.891	9.751	8.540	6.236	4.677	3.719	3.116	2.729	2.481
Equatorial Guinea	20.555	2.321	2.033	1.485	1.114	0.885	0.742	0.650	0.591
Eritrea	2.107	9.780	8.565	6.255	4.691	3.730	3.125	2.737	2.489
Estonia	12.289	-3.453	-3.024	-2.208	-1.656	-1.317	-1.103	-0.966	-0.879
Ethiopia	1.143	9.441	8.269	6.038	4.529	3.601	3.017	2.642	2.403
Fiji	3.662	9.333	8.174	5.969	4.477	3.560	2.982	2.612	2.375

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Finland	14.121	0.566	0.496	0.362	0.272	0.216	0.181	0.158	0.144
France	9.327	5.106	4.472	3.265	2.449	1.948	1.631	1.429	1.299
Gabon	13.348	5.001	4.380	3.199	2.399	1.908	1.598	1.400	1.273
Gambia	1.259	9.920	8.688	6.345	4.758	3.784	3.170	2.776	2.524
Georgia	2.363	11.509	10.079	7.360	5.520	4.390	3.677	3.221	2.929
Germany	12.950	1.297	1.136	0.830	0.622	0.495	0.414	0.363	0.330
Ghana	3.639	9.528	8.345	6.094	4.570	3.634	3.044	2.666	2.425
Greece	12.196	3.582	3.138	2.291	1.718	1.367	1.145	1.003	0.912
Grenada	10.834	10.179	8.915	6.510	4.882	3.883	3.252	2.848	2.590
Guatemala	6.882	6.614	5.793	4.230	3.173	2.523	2.113	1.851	1.683
Guinea	3.845	8.841	7.744	5.655	4.241	3.373	2.825	2.474	2.250
Guinea-Bissau	3.065	9.442	8.269	6.039	4.529	3.602	3.017	2.642	2.403
Guyana	29.532	-34.784	-30.465	-22.247	-16.685	-13.269	-11.114	-9.734	-8.852
Haiti	1.314	10.402	9.110	6.653	4.990	3.968	3.324	2.911	2.647
Honduras	4.860	7.991	6.998	5.110	3.833	3.048	2.553	2.236	2.033
Hungary	10.548	5.328	4.666	3.407	2.555	2.032	1.702	1.491	1.356
Iceland	11.366	3.517	3.080	2.249	1.687	1.342	1.124	0.984	0.895
India	2.007	10.632	9.312	6.800	5.100	4.056	3.397	2.975	2.706
Indonesia	13.088	1.509	1.321	0.965	0.724	0.575	0.482	0.422	0.384
Iran	10.003	6.752	5.914	4.318	3.239	2.576	2.157	1.890	1.718
Iraq	4.468	8.488	7.434	5.429	4.072	3.238	2.712	2.375	2.160
Ireland	15.893	0.346	0.303	0.221	0.166	0.132	0.110	0.097	0.088
Israel	13.634	4.100	3.591	2.622	1.967	1.564	1.310	1.147	1.043
Italy	10.447	4.707	4.122	3.010	2.258	1.795	1.504	1.317	1.198
Jamaica	28.293	5.295	4.638	3.387	2.540	2.020	1.692	1.482	1.347
Japan	11.253	3.579	3.134	2.289	1.717	1.365	1.143	1.001	0.911
Jordan	5.152	8.587	7.521	5.492	4.119	3.276	2.744	2.403	2.185
Kazakhstan	13.827	0.986	0.863	0.630	0.473	0.376	0.315	0.276	0.251
Kenya	1.730	9.814	8.595	6.277	4.707	3.743	3.136	2.746	2.497
Kiribati	0.125	10.781	9.442	6.895	5.171	4.112	3.445	3.017	2.743
Korea (North)	5.870	8.139	7.129	5.206	3.904	3.105	2.601	2.278	2.071
Korea (South)	14.367	3.577	3.132	2.287	1.716	1.364	1.143	1.001	0.910
Kuwait	31.254	-3.184	-2.788	-2.036	-1.527	-1.214	-1.017	-0.891	-0.810
Kyrgyzstan	2.494	10.020	8.776	6.409	4.806	3.822	3.202	2.804	2.550
Laos	6.245	6.827	5.979	4.366	3.275	2.604	2.181	1.910	1.737
Latvia	1.170	8.041	7.043	5.143	3.857	3.067	2.569	2.250	2.046
Lebanon	6.599	8.364	7.325	5.349	4.012	3.190	2.672	2.341	2.128
Lesotho	1.660	11.714	10.259	7.492	5.619	4.468	3.743	3.278	2.981
Liberia	19.982	2.730	2.391	1.746	1.310	1.041	0.872	0.764	0.695
Libya	12.432	4.775	4.182	3.054	2.291	1.822	1.526	1.336	1.215
Lithuania	4.254	6.741	5.904	4.311	3.234	2.571	2.154	1.886	1.715

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Luxembourg	27.545	-6.239	-5.465	-3.990	-2.993	-2.380	-1.994	-1.746	-1.588
Macedonia, FYR	6.935	7.735	6.774	4.947	3.710	2.950	2.471	2.165	1.968
Madagascar	4.506	7.557	6.619	4.833	3.625	2.883	2.415	2.115	1.923
Malawi	2.272	9.007	7.888	5.760	4.320	3.436	2.878	2.520	2.292
Malaysia	30.687	-10.703	-9.374	-6.845	-5.134	-4.083	-3.420	-2.995	-2.724
Maldives	2.776	10.443	9.146	6.679	5.009	3.983	3.337	2.922	2.657
Mali	3.324	8.675	7.597	5.548	4.161	3.309	2.772	2.427	2.207
Malta	7.192	7.043	6.168	4.504	3.378	2.686	2.250	1.971	1.792
Mauritania	4.325	7.801	6.832	4.989	3.742	2.976	2.492	2.183	1.985
Mauritius	5.245	9.855	8.631	6.303	4.727	3.759	3.149	2.758	2.508
Mexico	7.749	6.957	6.093	4.449	3.337	2.654	2.223	1.947	1.770
Moldova	3.232	9.993	8.752	6.391	4.794	3.812	3.193	2.797	2.543
Mongolia	13.163	3.300	2.890	2.110	1.583	1.259	1.054	0.923	0.840
Morocco	3.076	10.250	8.977	6.556	4.917	3.910	3.275	2.868	2.608
Mozambique	1.352	10.070	8.820	6.441	4.830	3.841	3.218	2.818	2.563
Myanmar	10.211	3.710	3.249	2.373	1.780	1.415	1.185	1.038	0.944
Namibia	6.922	7.052	6.177	4.510	3.383	2.690	2.253	1.974	1.795
Nauru	8.254	6.197	5.428	3.963	2.973	2.364	1.980	1.734	1.577
Nepal	7.288	7.077	6.198	4.526	3.395	2.700	2.261	1.980	1.801
Netherlands	14.173	0.788	0.690	0.504	0.378	0.301	0.252	0.221	0.201
New Zealand	18.942	-2.015	-1.765	-1.289	-0.966	-0.769	-0.644	-0.564	-0.513
Nicaragua	12.404	2.506	2.195	1.603	1.202	0.956	0.801	0.701	0.638
Niger	0.943	9.160	8.022	5.858	4.394	3.494	2.927	2.563	2.331
Nigeria	5.251	8.763	7.675	5.605	4.204	3.343	2.800	2.452	2.230
Niue	1.055	11.694	10.242	7.479	5.609	4.461	3.736	3.273	2.976
Norway	10.925	3.970	3.477	2.539	1.904	1.514	1.268	1.111	1.010
Oman	13.506	4.711	4.126	3.013	2.260	1.797	1.505	1.318	1.199
Pakistan	2.030	10.206	8.938	6.527	4.895	3.893	3.261	2.856	2.597
Palau	5.727	8.106	7.099	5.184	3.888	3.092	2.590	2.268	2.063
Panama	19.160	-2.333	-2.043	-1.492	-1.119	-0.890	-0.745	-0.653	-0.594
Papua New Guinea	5.037	-3.559	-3.117	-2.276	-1.707	-1.357	-1.137	-0.996	-0.906
Paraguay	16.156	4.568	4.000	2.921	2.191	1.742	1.459	1.278	1.162
Peru	6.349	4.786	4.192	3.061	2.296	1.826	1.529	1.339	1.218
Philippines	2.725	9.401	8.234	6.013	4.509	3.586	3.004	2.631	2.392
Poland	12.331	3.427	3.001	2.192	1.644	1.307	1.095	0.959	0.872
Portugal	7.398	7.085	6.205	4.531	3.398	2.702	2.264	1.983	1.803
Qatar	62.500	-22.248	-19.485	-14.229	-10.672	-8.486	-7.108	-6.226	-5.661
Romania	8.358	6.939	6.077	4.438	3.328	2.647	2.217	1.942	1.766
Russian Federation	13.729	-1.151	-1.008	-0.736	-0.552	-0.439	-0.368	-0.322	-0.293
Rwanda	1.422	9.522	8.340	6.090	4.567	3.632	3.042	2.665	2.423
Saint Kitts & Nevis	3.841	10.223	8.953	6.538	4.904	3.899	3.266	2.861	2.601

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Saint Lucia	5.657	10.050	8.802	6.428	4.821	3.834	3.211	2.812	2.557
Saint Vincent & Grenadines	3.997	11.210	9.818	7.169	5.377	4.276	3.582	3.137	2.853
Samoa	3.256	9.763	8.551	6.244	4.683	3.724	3.119	2.732	2.484
Sao Tome & Principe	1.758	9.782	8.567	6.256	4.692	3.731	3.125	2.737	2.489
Saudi Arabia	17.978	2.004	1.755	1.282	0.961	0.764	0.640	0.561	0.510
Senegal	2.385	9.354	8.193	5.983	4.487	3.568	2.989	2.618	2.380
Serbia & Montenegro	7.567	7.715	6.757	4.934	3.701	2.943	2.465	2.159	1.963
Seychelles	9.626	7.974	6.984	5.100	3.825	3.042	2.548	2.231	2.029
Sierra Leone	5.434	8.371	7.331	5.354	4.015	3.193	2.675	2.343	2.130
Singapore	13.053	3.630	3.179	2.322	1.741	1.385	1.160	1.016	0.924
Slovakia	15.731	3.111	2.724	1.989	1.492	1.187	0.994	0.870	0.792
Slovenia	16.568	3.294	2.885	2.107	1.580	1.257	1.053	0.922	0.838
Solomon Islands	0.868	10.131	8.873	6.480	4.860	3.865	3.237	2.835	2.578
South Africa	9.899	5.190	4.545	3.319	2.489	1.980	1.658	1.452	1.321
Spain	10.433	5.330	4.668	3.409	2.556	2.033	1.703	1.491	1.356
Sri Lanka	4.069	10.087	8.835	6.451	4.839	3.848	3.223	2.823	2.567
Sudan	4.702	8.316	7.283	5.318	3.989	3.172	2.657	2.327	2.116
Suriname	8.814	5.771	5.054	3.691	2.768	2.201	1.844	1.615	1.468
Swaziland	1.985	10.725	9.393	6.859	5.145	4.091	3.427	3.001	2.729
Sweden	7.765	5.996	5.251	3.835	2.876	2.287	1.916	1.678	1.526
Switzerland	7.605	6.647	5.821	4.251	3.188	2.535	2.124	1.860	1.691
Syria	3.901	8.812	7.718	5.636	4.227	3.362	2.816	2.466	2.242
Taiwan	15.469	3.850	3.372	2.463	1.847	1.469	1.230	1.078	0.980
Tajikistan	1.340	10.171	8.908	6.505	4.879	3.880	3.250	2.846	2.588
Tanzania	2.431	9.637	8.441	6.164	4.623	3.676	3.079	2.697	2.452
Thailand	7.139	7.971	6.981	5.098	3.824	3.041	2.547	2.231	2.028
Togo	4.459	8.767	7.678	5.607	4.205	3.344	2.801	2.453	2.231
Tonga	1.957	10.410	9.118	6.658	4.994	3.971	3.326	2.913	2.649
Trinidad & Tobago	31.955	-6.423	-5.625	-4.108	-3.081	-2.450	-2.052	-1.797	-1.634
Tunisia	5.248	9.286	8.133	5.939	4.454	3.542	2.967	2.599	2.363
Turkey	5.937	8.042	7.043	5.143	3.857	3.067	2.569	2.250	2.046
Turkmenistan	17.567	0.716	0.627	0.458	0.343	0.273	0.229	0.200	0.182
Uganda	2.690	8.615	7.546	5.510	4.133	3.286	2.753	2.411	2.192
Ukraine	11.063	2.070	1.813	1.324	0.993	0.790	0.661	0.579	0.527
United Arab Emirates	38.373	-7.571	-6.631	-4.842	-3.632	-2.888	-2.419	-2.119	-1.927
United Kingdom	11.366	3.238	2.836	2.071	1.553	1.235	1.035	0.906	0.824
United States of America	20.485	-3.927	-3.439	-2.511	-1.884	-1.498	-1.255	-1.099	-0.999
Uruguay	2.250	10.511	9.206	6.723	5.042	4.010	3.359	2.942	2.675
Uzbekistan	8.528	6.534	5.722	4.179	3.134	2.492	2.088	1.828	1.663
Vanuatu	2.371	9.406	8.238	6.016	4.512	3.588	3.005	2.632	2.393
Venezuela	14.554	0.941	0.824	0.602	0.451	0.359	0.301	0.263	0.239

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Vietnam	1.656	11.226	9.832	7.180	5.385	4.282	3.587	3.142	2.857
Yemen	1.685	9.693	8.490	6.199	4.650	3.697	3.097	2.713	2.467
Zambia	20.075	-3.872	-3.391	-2.476	-1.857	-1.477	-1.237	-1.084	-0.985
Zimbabwe	5.979	7.313	6.405	4.677	3.508	2.790	2.337	2.046	1.861

Appendix E9

450S Total Emission Allocations: Annex I Only Approach (MtCO₂-eq)

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	32.07	40.45	52.48	58.89	62.34	64.89	71.28	78.65	82.26
Albania	18.12	22.20	26.19	27.61	28.75	28.30	28.41	28.49	28.01
Algeria	203.43	270.34	341.74	432.94	494.30	556.02	642.72	715.95	749.79
Angola	91.66	74.13	57.04	55.53	67.07	71.54	76.04	80.62	82.65
Antigua & Barbuda	2.31	2.26	2.21	2.41	2.54	2.61	2.62	2.55	2.44
Argentina	427.95	496.40	554.87	608.91	661.04	703.15	831.42	1,007.12	980.53
Armenia	7.85	8.54	9.30	10.26	11.11	11.79	12.25	12.40	12.27
Australia	575.90	369.39	172.84	-217.29	-527.64	-745.85	-1,008.41	-1,292.26	-1,399.52
Austria	100.00	67.79	31.72	-39.88	-96.83	-136.88	-185.06	-237.16	-256.84
Azerbaijan	50.00	55.54	61.75	67.04	71.66	75.83	79.29	79.83	78.70
Bahamas	2.20	2.12	2.08	2.41	2.70	2.99	3.17	3.27	3.17
Bahrain	23.61	26.46	30.12	36.33	45.03	54.71	63.65	68.56	69.42
Bangladesh	133.98	138.85	150.87	188.07	229.39	274.11	326.12	371.46	397.33
Barbados	3.84	6.13	8.42	9.47	10.45	11.29	11.87	11.99	11.42
Belarus	73.86	123.55	57.81	-72.68	-176.48	-249.46	-337.28	-432.22	-468.09

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Belgium	153.71	122.20	57.18	-71.88	-174.55	-246.74	-333.60	-427.51	-462.99
Belize	29.38	24.22	19.21	78.26	75.44	68.93	62.30	55.25	47.52
Benin	115.60	181.63	198.69	250.41	255.88	295.07	337.72	373.79	405.58
Bhutan	1.79	2.39	3.03	3.57	4.21	4.89	5.71	6.35	6.82
Bolivia	100.27	55.14	7.72	-21.87	-51.00	-80.12	53.57	304.13	343.44
Bosnia & Herzegovina	24.47	27.30	29.97	33.32	35.06	35.17	34.37	32.60	29.89
Botswana	30.83	34.40	37.70	30.75	37.43	36.00	34.56	33.28	30.95
Brazil	1,808.11	1,260.86	682.90	347.73	-12.05	-424.14	1,753.83	5,835.79	6,579.04
Brunei	10.02	11.82	14.10	15.99	18.39	18.42	17.87	17.38	16.45
Bulgaria	93.05	98.86	46.26	-58.15	-141.21	-199.61	-269.87	-345.84	-374.54
Burkina Faso	22.02	19.91	16.89	21.39	25.00	29.31	34.70	40.67	47.04
Burundi	10.08	14.15	15.31	16.29	17.89	19.84	23.31	28.96	37.14
Cambodia	74.03	76.10	103.63	94.56	101.77	95.04	88.83	86.26	91.32
Cameroon	201.28	272.75	240.42	306.48	273.00	305.21	342.23	378.24	413.07
Canada	822.99	594.49	278.17	-349.70	-849.17	-1,200.36	-1,622.91	-2,079.74	-2,252.36
Cape Verde	0.64	0.73	0.86	1.16	1.52	1.94	2.39	2.83	3.21
Central African Republic	43.88	48.34	40.15	51.19	50.27	57.41	65.38	71.81	78.12
Chad	29.56	32.44	30.39	38.34	41.55	48.03	55.40	61.93	68.04
Chile	118.68	142.82	167.49	195.96	222.92	242.43	278.19	322.01	310.09
China	7,936.61	8,756.66	9,336.64	10,794.99	12,408.72	13,650.72	14,376.09	14,641.10	14,257.98
Colombia	264.48	252.71	236.00	236.26	233.82	223.53	405.40	722.60	759.05
Comoros	0.87	1.49	2.23	2.94	3.78	4.61	5.71	6.99	8.58
Congo	31.29	36.52	28.69	36.38	31.88	36.46	41.54	46.82	51.75
Congo, Dem. Republic	758.20	1,051.20	912.87	1,134.80	951.37	1,052.66	1,160.14	1,259.73	1,357.47
Cook Islands	0.03	0.06	0.09	0.10	0.10	0.10	0.10	0.09	0.09
Costa Rica	25.01	23.33	21.87	50.90	50.93	49.12	46.70	43.68	39.75
Côte d'Ivoire	236.21	329.66	304.40	386.76	359.20	419.50	491.37	576.41	662.16
Croatia	37.80	28.19	13.19	-16.58	-40.27	-56.93	-76.97	-98.63	-106.82
Cuba	51.03	59.93	68.85	105.18	115.76	123.95	128.52	127.29	117.97
Cyprus	10.83	12.57	14.30	16.49	19.30	22.36	25.37	27.66	28.58
Czech Republic	176.02	166.47	77.89	-97.92	-237.78	-336.12	-454.45	-582.37	-630.70
Denmark	69.24	61.33	28.70	-36.07	-87.60	-123.82	-167.41	-214.54	-232.35
Djibouti	2.08	2.63	3.42	4.77	6.28	7.82	9.61	11.36	13.11
Dominica	0.25	0.30	0.35	0.41	0.45	0.49	0.52	0.54	0.53
Dominican Republic	36.85	46.73	56.89	65.46	73.71	81.48	86.76	88.75	84.92
Ecuador	86.60	74.11	61.56	55.06	47.05	36.37	136.68	314.94	339.13
Egypt	270.11	326.42	392.40	485.66	593.14	718.36	863.52	994.65	1,077.96
El Salvador	20.98	23.59	26.40	40.99	43.32	44.73	44.91	44.03	41.59
Equatorial Guinea	11.41	14.45	11.57	14.57	12.00	13.35	14.83	16.36	17.81

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Eritrea	10.90	18.03	27.20	38.64	51.86	66.72	97.22	165.22	265.86
Estonia	16.02	37.71	17.65	-22.18	-53.87	-76.14	-102.95	-131.93	-142.88
Ethiopia	100.87	133.77	170.87	215.60	269.11	323.15	395.08	483.64	589.33
Fiji	3.25	3.20	3.22	3.44	3.46	3.46	3.48	3.44	3.45
Finland	74.53	62.13	29.07	-36.55	-88.75	-125.46	-169.62	-217.37	-235.41
France	584.51	479.47	224.35	-282.04	-684.88	-968.12	-1,308.92	-1,677.36	-1,816.59
Gabon	19.08	25.87	30.27	61.40	71.47	62.81	61.51	71.92	84.21
Gambia	2.33	3.51	4.35	5.90	7.14	8.71	10.47	12.01	13.41
Georgia	10.40	12.35	14.16	15.49	16.75	17.62	18.26	18.50	18.31
Germany	1,066.09	1,071.72	501.47	-630.42	-1,530.84	-2,163.94	-2,925.71	-3,749.25	-4,060.45
Ghana	90.47	122.72	119.68	154.60	157.37	188.45	222.70	256.22	284.80
Greece	136.46	89.70	41.97	-52.76	-128.13	-181.11	-244.87	-313.80	-339.84
Grenada	1.18	2.15	3.17	3.58	3.95	4.28	4.58	4.78	4.79
Guatemala	97.29	78.89	60.85	219.09	213.39	197.93	180.22	160.60	137.99
Guinea	39.04	46.99	41.35	52.79	51.91	61.48	72.44	83.86	94.59
Guinea-Bissau	5.42	7.40	7.84	10.20	11.10	13.13	15.40	17.39	19.22
Guyana	21.04	2.68	-15.74	-28.15	-40.65	-53.92	-0.70	101.63	121.06
Haiti	13.39	12.50	11.69	18.40	19.10	19.33	19.07	18.48	17.59
Honduras	36.89	32.06	27.43	77.72	77.06	73.29	68.53	62.98	56.07
Hungary	105.05	92.66	43.36	-54.51	-132.36	-187.10	-252.96	-324.16	-351.07
Iceland	3.51	2.69	1.26	-1.58	-3.85	-5.44	-7.35	-9.42	-10.21
India	2,362.46	3,056.76	3,871.02	4,962.53	6,301.29	7,812.60	9,385.12	10,731.90	11,454.51
Indonesia	3,064.06	3,291.36	4,672.36	4,307.68	4,724.46	4,468.06	4,196.21	4,073.53	4,246.72
Iran	715.65	868.66	1,032.56	1,225.35	1,464.25	1,713.42	1,919.78	2,031.52	2,061.86
Iraq	132.58	145.03	159.94	188.03	221.91	258.90	294.39	318.53	326.75
Ireland	69.96	47.05	22.02	-27.68	-67.21	-95.00	-128.44	-164.60	-178.26
Israel	102.95	128.28	154.26	183.75	218.83	260.86	302.38	333.01	348.32
Italy	612.12	449.21	210.19	-264.24	-641.65	-907.02	-1,226.32	-1,571.51	-1,701.95
Jamaica	78.16	132.94	188.29	211.75	217.78	218.49	215.97	207.51	201.06
Japan	1,429.60	1,070.38	500.84	-629.63	-1,528.91	-2,161.22	-2,922.03	-3,744.54	-4,055.35
Jordan	34.06	46.78	60.82	73.21	86.48	101.68	117.18	129.09	134.62
Kazakhstan	213.23	243.05	274.38	303.81	330.60	353.80	371.16	377.31	371.67
Kenya	70.66	92.25	115.86	152.78	197.36	249.83	319.80	408.68	516.87
Kiribati	0.01	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Korea (North)	142.12	165.25	183.50	208.41	235.46	257.42	271.39	277.49	269.39
Korea (South)	702.96	873.54	1,013.15	1,209.12	1,410.94	1,582.47	1,711.20	1,790.68	1,805.93
Kuwait	94.57	101.63	111.40	135.52	168.69	206.34	239.97	256.99	259.82
Kyrgyzstan	13.73	18.28	22.93	25.41	27.58	29.30	30.39	30.68	30.12
Laos	39.80	41.48	54.17	51.01	54.54	51.96	49.53	48.88	51.42
Latvia	2.61	22.90	10.71	-13.47	-32.70	-46.23	-62.50	-80.10	-86.75

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Lebanon	28.06	36.40	44.54	51.97	61.42	71.76	82.09	90.14	94.08
Lesotho	3.31	4.06	5.03	6.33	7.73	9.08	10.36	11.61	12.64
Liberia	83.75	116.67	96.49	120.10	94.05	103.58	113.43	123.28	132.95
Libya	82.28	107.20	136.44	172.71	199.17	225.95	258.87	283.61	292.33
Lithuania	14.32	41.57	19.45	-24.45	-59.38	-83.94	-113.49	-145.43	-157.51
Luxembourg	13.37	10.42	4.87	-6.13	-14.88	-21.03	-28.43	-36.44	-39.46
Macedonia, FYR	14.29	17.72	21.17	23.02	24.21	23.37	22.31	20.94	19.08
Madagascar	97.62	122.17	120.22	116.60	116.51	114.85	119.39	126.92	148.73
Malawi	34.41	36.26	37.47	25.81	32.16	27.73	23.34	19.31	14.47
Malaysia	859.29	922.32	1,302.74	1,206.00	1,321.77	1,251.09	1,173.62	1,140.15	1,190.48
Maldives	0.96	1.18	1.45	1.87	2.41	3.02	3.68	4.24	4.58
Mali	43.88	48.28	41.70	52.49	52.85	60.49	68.56	74.86	80.25
Malta	2.97	3.07	3.14	3.22	3.23	3.16	3.06	2.93	2.76
Mauritania	14.47	13.32	12.36	16.03	19.99	24.37	29.21	33.45	36.96
Mauritius	6.79	10.41	15.28	21.80	29.46	38.24	48.89	59.84	70.30
Mexico	846.02	944.35	1,043.38	1,466.61	1,612.75	1,741.87	1,824.74	1,835.63	1,755.66
Moldova	12.46	12.75	13.10	14.48	15.69	16.71	17.40	17.60	17.32
Mongolia	36.21	40.99	45.44	49.06	53.14	56.00	57.21	56.76	54.12
Morocco	98.08	116.58	137.38	166.76	202.91	244.93	294.39	335.94	357.74
Mozambique	30.39	29.47	29.08	28.96	35.26	37.67	40.35	43.91	46.49
Myanmar	509.94	541.65	765.87	693.72	745.10	689.83	635.20	611.90	647.40
Namibia	14.67	17.02	19.78	22.63	27.60	31.90	36.15	40.09	42.94
Nauru	0.12	0.13	0.14	0.15	0.15	0.15	0.15	0.14	0.14
Nepal	210.99	246.46	326.67	344.44	316.01	272.38	260.20	277.14	250.27
Netherlands	236.60	193.59	90.58	-113.87	-276.52	-390.87	-528.47	-677.23	-733.44
New Zealand	82.25	57.20	26.76	-33.64	-81.70	-115.49	-156.14	-200.09	-216.70
Nicaragua	74.29	54.23	34.24	180.78	172.29	154.70	136.17	116.85	96.46
Niger	15.06	17.91	20.02	26.37	31.87	38.04	45.37	52.54	59.05
Nigeria	821.71	1,117.25	1,197.86	1,860.63	2,063.32	2,105.15	2,290.97	2,632.05	2,975.37
Niue	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Norway	51.42	38.61	18.07	-22.71	-55.15	-77.96	-105.40	-135.07	-146.28
Oman	39.75	43.60	48.63	58.16	70.55	84.01	95.62	102.01	103.20
Pakistan	343.07	422.81	524.70	634.89	757.99	890.08	1,036.32	1,166.84	1,230.14
Palau	0.12	0.14	0.15	0.16	0.17	0.17	0.17	0.17	0.17
Panama	66.94	52.26	37.75	168.31	161.21	145.92	129.89	112.99	94.83
Papua New Guinea	34.09	-155.55	-236.60	-260.71	-295.96	-302.13	-261.13	-294.11	-230.59
Paraguay	107.47	155.26	190.75	183.08	173.60	162.22	194.94	265.18	284.51
Peru	184.63	110.53	36.16	-6.47	-51.48	-105.08	190.07	739.54	832.58
Philippines	254.60	287.65	367.24	388.90	444.42	476.99	507.70	534.47	554.66
Poland	469.46	396.78	185.66	-233.40	-566.75	-801.15	-1,083.17	-1,388.07	-1,503.28

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Portugal	79.29	48.58	22.73	-28.57	-69.39	-98.08	-132.61	-169.94	-184.04
Qatar	53.25	56.34	61.19	74.13	90.82	108.77	123.60	131.40	132.91
Romania	179.62	214.06	100.16	-125.92	-305.76	-432.21	-584.36	-748.85	-811.00
Russian Federation	1,918.65	2,691.52	1,259.39	-1,583.24	-3,844.54	-5,434.52	-7,347.60	-9,415.85	10,197.39
Rwanda	15.10	21.18	25.06	29.93	36.20	43.65	54.49	69.71	89.79
Saint Kitts & Nevis	0.19	0.28	0.38	0.44	0.49	0.53	0.56	0.58	0.57
Saint Lucia	0.95	1.41	1.88	2.13	2.35	2.55	2.71	2.80	2.76
Saint Vincent & Grenadines	0.47	0.62	0.77	0.86	0.93	0.98	1.00	1.00	0.97
Samoa	0.64	0.82	1.04	1.13	1.13	1.13	1.14	1.12	1.14
Sao Tome & Principe	0.31	0.45	0.62	0.84	1.09	1.38	1.69	1.98	2.22
Saudi Arabia	459.75	552.41	655.08	779.43	922.85	1,077.43	1,209.12	1,304.84	1,348.82
Senegal	32.20	42.69	50.25	67.24	83.66	108.46	139.03	173.08	205.99
Serbia & Montenegro	80.22	95.04	108.60	117.70	122.61	121.58	117.89	111.51	102.65
Seychelles	0.84	1.22	1.74	2.44	3.26	4.18	5.28	6.41	7.49
Sierra Leone	33.82	45.44	39.33	49.61	43.38	49.55	56.39	63.44	70.26
Singapore	59.15	72.71	87.22	108.14	134.60	162.19	188.52	209.11	217.94
Slovakia	85.35	64.11	30.00	-37.71	-91.57	-129.45	-175.01	-224.28	-242.89
Slovenia	33.02	15.26	7.14	-8.98	-21.80	-30.82	-41.67	-53.40	-57.83
Solomon Islands	0.46	0.34	0.33	0.34	0.31	0.30	0.33	0.27	0.32
South Africa	480.10	568.99	676.30	823.22	992.77	1,183.30	1,374.02	1,553.15	1,696.83
Spain	455.11	245.48	114.86	-144.40	-350.65	-495.66	-670.15	-858.79	-930.07
Sri Lanka	83.97	111.27	150.83	172.49	186.36	198.92	221.06	246.67	254.23
Sudan	192.89	236.23	279.37	343.39	425.34	514.57	642.64	804.95	1,022.95
Suriname	4.21	4.20	4.17	4.78	5.32	5.73	6.01	6.17	6.03
Swaziland	2.41	3.56	4.85	5.40	7.35	8.55	9.68	10.76	11.43
Sweden	70.63	63.21	29.58	-37.18	-90.29	-127.63	-172.56	-221.14	-239.49
Switzerland	57.57	46.42	21.72	-27.31	-66.31	-93.73	-126.73	-162.40	-175.88
Syria	88.15	107.11	128.61	151.69	178.06	205.71	227.55	240.47	244.55
Taiwan	359.20	438.92	499.47	584.94	676.37	746.46	791.88	803.19	777.22
Tajikistan	9.64	10.01	10.31	12.58	14.84	16.59	18.22	18.78	19.19
Tanzania	103.77	118.02	136.38	154.14	185.10	205.03	225.01	247.67	261.04
Thailand	464.85	545.03	657.51	754.52	885.33	997.32	1,101.13	1,177.88	1,200.14
Togo	31.93	47.69	52.39	69.85	78.34	98.43	123.76	150.89	178.06
Tonga	0.21	0.21	0.22	0.23	0.23	0.23	0.23	0.22	0.22
Trinidad & Tobago	42.03	53.98	66.12	77.91	91.79	105.64	116.13	120.00	113.63
Tunisia	55.30	71.89	89.56	107.93	126.89	147.38	177.08	200.93	211.46
Turkey	458.09	253.29	118.52	-149.00	-361.80	-511.43	-691.47	-886.11	-959.66
Turkmenistan	89.94	91.63	95.00	106.04	114.85	121.20	125.43	127.02	127.37

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Uganda	92.22	141.22	177.62	202.95	235.32	265.14	323.37	433.64	599.52
Ukraine	504.00	839.44	392.78	-493.78	-1,199.05	-1,694.93	-2,291.59	-2,936.64	-3,180.39
United Arab Emirates	191.74	228.13	276.01	341.79	434.08	536.97	628.68	670.23	672.21
United Kingdom	694.06	640.73	299.81	-376.90	-915.22	-1,293.72	-1,749.15	-2,241.51	-2,427.56
United States of America	6,375.51	5,003.49	2,341.20	-2,943.22	-7,146.95	-10,102.69	-13,659.10	-17,503.95	18,956.81
Uruguay	7.62	-1.78	-13.38	-19.79	-26.85	-34.64	4.64	79.16	94.76
Uzbekistan	234.30	300.36	368.78	410.21	449.45	484.66	513.56	527.89	526.58
Vanuatu	0.55	0.63	0.73	0.76	0.77	0.77	0.77	0.77	0.77
Venezuela	416.70	442.76	459.23	476.66	497.81	522.24	813.34	1,260.44	1,242.42
Vietnam	145.99	170.11	222.45	250.25	298.05	332.29	365.94	393.15	407.35
Yemen	41.05	45.19	49.61	57.54	66.25	75.48	84.38	91.07	94.49
Zambia	249.93	248.17	236.69	112.23	144.61	84.05	23.47	-36.90	-98.93
Zimbabwe	78.53	83.76	88.08	72.16	89.28	88.43	87.94	87.91	85.53
World Total	48,737.71	50,442.72	46,445.18	35,463.63	27,668.24	22,791.33	19,701.30	17,744.45	16,536.24

Appendix E10

450S Per Capita Emission Allocations: Annex I Only Approach (tCO2-eq per person)

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	0.940	1.060	1.245	1.275	1.246	1.246	1.257	1.318	1.316
Albania	5.593	6.661	7.651	7.908	8.146	8.146	7.987	8.002	7.879
Algeria	5.829	7.312	8.776	10.650	11.765	11.765	14.669	16.149	16.826
Angola	5.102	3.733	2.610	2.319	2.573	2.573	2.519	2.508	2.429
Antigua & Barbuda	26.119	23.929	22.021	22.774	22.805	22.805	21.844	20.697	19.469
Argentina	10.467	11.558	12.364	13.055	13.699	13.699	16.302	19.338	18.529
Armenia	2.614	2.829	3.045	3.331	3.599	3.599	4.004	4.098	4.120
Australia	26.546	16.103	7.161	-8.602	-20.084	-20.084	-36.103	-45.145	-47.842
Austria	12.103	8.195	3.836	-4.841	-11.856	-11.856	-23.387	-30.611	-33.950
Azerbaijan	5.752	6.110	6.512	6.847	7.155	7.155	7.690	7.679	7.551
Bahamas	6.500	6.012	5.658	6.350	6.936	6.936	7.901	8.098	7.842
Bahrain	30.410	32.101	34.596	39.776	47.394	47.394	63.596	67.373	67.298
Bangladesh	0.819	0.794	0.806	0.941	1.085	1.085	1.421	1.572	1.643

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Barbados	12.893	20.244	27.426	30.562	33.659	33.659	38.814	39.900	38.845
Belarus	7.710	13.134	6.272	-8.073	-20.127	-20.127	-40.792	-54.032	-60.693
Belgium	14.585	11.562	5.404	-6.801	-16.585	-16.585	-32.330	-42.058	-46.337
Belize	89.978	67.154	48.750	183.434	164.797	164.797	121.036	102.224	84.189
Benin	11.694	15.925	15.224	16.912	15.373	15.373	16.542	16.766	16.798
Bhutan	2.626	3.305	3.975	4.481	5.064	5.064	6.433	6.988	7.366
Bolivia	9.960	5.044	0.655	-1.734	-3.800	-3.800	3.592	19.514	21.205
Bosnia & Herzegovina	6.205	6.926	7.647	8.610	9.238	9.238	9.582	9.421	9.000
Botswana	15.227	15.797	16.340	12.707	14.892	14.892	12.871	12.001	10.802
Brazil	9.095	6.006	3.103	1.517	-0.051	-0.051	7.005	22.906	25.529
Brunei	24.501	26.557	29.320	30.945	33.410	33.410	29.288	27.306	24.889
Bulgaria	12.529	13.857	6.778	-8.945	-22.880	-22.880	-48.968	-66.832	-77.508
Burkina Faso	1.353	1.050	0.767	0.841	0.856	0.856	0.918	0.956	0.990
Burundi	1.061	1.270	1.184	1.094	1.053	1.053	1.084	1.216	1.421
Cambodia	4.863	4.568	5.707	4.832	4.887	4.887	3.865	3.605	3.693
Cameroon	10.119	12.371	9.936	11.648	9.619	9.619	10.582	11.060	11.478
Canada	24.434	16.976	7.662	-9.332	-22.070	-22.070	-40.595	-51.299	-54.881
Cape Verde	1.230	1.359	1.571	2.117	2.787	2.787	4.589	5.679	6.832
Central African Republic	9.704	9.965	7.781	9.420	8.862	8.862	10.760	11.470	12.128
Chad	2.598	2.584	2.207	2.553	2.547	2.547	2.907	3.019	3.079
Chile	6.956	8.041	9.104	10.350	11.526	11.526	14.079	16.262	15.701
China	5.898	6.293	6.536	7.439	8.502	8.502	9.897	10.161	10.025
Colombia	5.523	4.991	4.438	4.260	4.075	4.075	6.763	11.920	12.461
Comoros	1.264	1.885	2.499	2.915	3.345	3.345	4.121	4.616	5.228
Congo	7.572	7.668	5.262	5.895	4.624	4.624	5.006	5.221	5.382
Congo, Dem. Republic	11.007	13.093	9.830	10.652	7.859	7.859	7.638	7.505	7.382
Cook Islands	1.851	4.197	7.159	8.190	9.155	9.155	10.424	10.676	10.661
Costa Rica	5.387	4.720	4.185	9.293	8.946	8.946	7.769	7.145	6.434
Côte d'Ivoire	11.419	14.407	12.151	14.240	12.303	12.303	14.884	16.571	18.164
Croatia	8.525	6.390	3.015	-3.837	-9.475	-9.475	-18.978	-25.026	-27.972
Cuba	4.472	5.205	5.947	9.082	10.059	10.059	11.546	11.747	11.257
Cyprus	13.095	14.089	15.051	16.537	18.715	18.715	23.943	26.154	27.378
Czech Republic	17.266	16.446	7.784	-9.954	-24.712	-24.712	-49.891	-65.973	-73.902
Denmark	12.591	11.020	5.101	-6.350	-15.332	-15.332	-29.507	-38.190	-41.801
Djibouti	2.325	2.630	3.073	3.885	4.694	4.694	6.268	7.040	7.783
Dominica	3.486	4.113	4.789	5.471	6.106	6.106	7.409	7.934	8.144
Dominican Republic	3.611	4.263	4.860	5.269	5.629	5.629	6.070	5.992	5.560

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Ecuador	6.125	4.886	3.809	3.223	2.626	2.626	7.090	15.920	16.811
Egypt	3.342	3.673	4.059	4.662	5.318	5.318	6.866	7.514	7.786
El Salvador	2.891	3.003	3.121	4.516	4.469	4.469	4.119	3.835	3.456
Equatorial Guinea	20.555	22.860	16.210	18.257	13.559	13.559	14.038	14.366	14.616
Eritrea	2.107	3.093	4.196	5.417	6.667	6.667	10.770	17.188	26.160
Estonia	12.289	29.892	14.529	-19.114	-48.857	-48.857	-104.269	-141.887	-164.154
Ethiopia	1.143	1.294	1.415	1.535	1.652	1.652	1.830	1.964	2.112
Fiji	3.662	3.372	3.189	3.215	3.064	3.064	2.800	2.652	2.565
Finland	14.121	11.737	5.491	-6.930	-16.990	-16.990	-33.598	-43.963	-48.634
France	9.327	7.474	3.434	-4.256	-10.221	-10.221	-19.297	-24.740	-26.909
Gabon	13.348	16.400	17.439	32.170	34.095	34.095	24.480	26.223	28.186
Gambia	1.259	1.678	1.850	2.254	2.467	2.467	3.037	3.227	3.358
Georgia	2.363	2.853	3.336	3.731	4.139	4.139	4.767	4.966	5.058
Germany	12.950	13.072	6.156	-7.814	-19.230	-19.230	-38.070	-49.807	-55.139
Ghana	3.639	4.519	4.071	4.895	4.670	4.670	5.913	6.494	6.929
Greece	12.196	7.998	3.754	-4.751	-11.632	-11.632	-22.695	-29.508	-32.534
Grenada	10.834	19.273	27.777	31.123	34.277	34.277	40.854	43.845	45.890
Guatemala	6.882	5.068	3.586	11.956	10.881	10.881	8.207	6.978	5.752
Guinea	3.845	4.055	3.133	3.522	3.064	3.064	3.408	3.558	3.642
Guinea-Bissau	3.065	3.798	3.667	4.380	4.406	4.406	5.312	5.633	5.879
Guyana	29.532	3.806	-21.924	-37.618	-52.180	-52.180	-0.843	121.410	143.165
Haiti	1.314	1.119	0.958	1.389	1.339	1.339	1.181	1.086	0.986
Honduras	4.860	3.858	3.050	8.065	7.520	7.520	6.036	5.317	4.558
Hungary	10.548	9.431	4.480	-5.730	-14.195	-14.195	-28.420	-37.370	-41.588
Iceland	11.366	8.426	3.826	-4.689	-11.166	-11.166	-20.927	-26.768	-29.056
India	2.007	2.434	2.909	3.543	4.300	4.300	5.952	6.614	6.892
Indonesia	13.088	13.355	18.125	16.052	16.984	16.984	14.293	13.646	14.080
Iran	10.003	11.540	13.066	14.955	17.475	17.475	22.309	23.406	23.709
Iraq	4.468	4.354	4.336	4.656	5.063	5.063	5.835	5.952	5.802
Ireland	15.893	10.150	4.548	-5.519	-13.007	-13.007	-23.680	-29.813	-31.895
Israel	13.634	15.743	17.718	19.917	22.530	22.530	28.644	30.616	31.326
Italy	10.447	7.720	3.654	-4.659	-11.491	-11.491	-22.839	-30.027	-33.485
Jamaica	28.293	46.443	63.607	69.250	69.157	69.157	65.277	61.394	58.301
Japan	11.253	8.566	4.110	-5.334	-13.443	-13.443	-28.082	-37.852	-43.212
Jordan	5.152	6.846	8.100	8.930	9.733	9.733	11.410	11.787	11.605
Kazakhstan	13.827	15.460	17.218	18.988	20.743	20.743	23.743	24.513	24.678
Kenya	1.730	2.022	2.352	2.923	3.574	3.574	5.200	6.363	7.777
Kiribati	0.125	0.217	0.288	0.271	0.252	0.252	0.208	0.188	0.170
Korea (North)	5.870	6.710	7.361	8.308	9.369	9.369	10.863	11.214	11.045
Korea (South)	14.367	17.679	20.402	24.343	28.621	28.621	36.259	39.307	41.392

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Kuwait	31.254	28.567	27.426	29.889	33.735	33.735	40.259	39.870	37.521
Kyrgyzstan	2.494	3.093	3.634	3.806	3.934	3.934	3.968	3.853	3.658
Laos	6.245	5.828	6.879	5.920	5.833	5.833	4.586	4.266	4.275
Latvia	1.170	10.592	5.133	-6.728	-17.106	-17.106	-36.012	-48.666	-55.918
Lebanon	6.599	8.165	9.616	10.858	12.460	12.460	15.947	17.345	18.095
Lesotho	1.660	2.029	2.516	3.195	3.962	3.962	5.528	6.299	6.944
Liberia	19.982	25.077	18.815	21.304	15.233	15.233	15.571	15.710	15.808
Libya	12.432	14.674	17.168	20.212	21.844	21.844	25.322	26.469	26.251
Lithuania	4.254	12.530	5.965	-7.677	-19.206	-19.206	-39.442	-52.607	-59.526
Luxembourg	27.545	20.283	8.985	-10.715	-24.765	-24.765	-43.460	-53.670	-56.148
Macedonia, FYR	6.935	8.500	10.076	10.922	11.515	11.515	10.845	10.358	9.638
Madagascar	4.506	4.868	4.162	3.531	3.110	3.110	2.533	2.428	2.585
Malawi	2.272	2.088	1.892	1.152	1.280	1.280	0.757	0.572	0.395
Malaysia	30.687	30.305	39.560	34.045	34.938	34.938	27.767	25.722	25.719
Maldives	2.776	3.430	4.214	5.495	6.838	6.838	9.822	11.061	11.735
Mali	3.324	3.210	2.436	2.710	2.434	2.434	2.593	2.604	2.591
Malta	7.192	7.305	7.390	7.548	7.582	7.582	7.362	7.184	6.872
Mauritania	4.325	3.546	2.955	3.469	3.947	3.947	4.903	5.229	5.416
Mauritius	5.245	7.766	11.075	15.434	20.498	20.498	33.562	41.195	48.776
Mexico	7.749	8.197	8.623	11.605	12.291	12.291	13.143	12.965	12.229
Moldova	3.232	3.319	3.438	3.854	4.267	4.267	5.000	5.225	5.335
Mongolia	13.163	13.862	14.422	14.778	15.330	15.330	15.415	14.921	13.991
Morocco	3.076	3.470	3.899	4.534	5.313	5.313	7.252	8.083	8.444
Mozambique	1.352	1.197	1.078	0.984	1.104	1.104	1.088	1.103	1.091
Myanmar	10.211	10.465	14.366	12.716	13.427	13.427	11.266	10.858	11.554
Namibia	6.922	7.725	8.777	9.952	12.151	12.151	16.330	18.423	20.055
Nauru	8.254	8.480	8.568	8.402	8.144	8.144	7.074	6.543	5.962
Nepal	7.288	7.811	9.549	9.405	8.127	8.127	6.083	6.235	5.443
Netherlands	14.173	11.396	5.254	-6.527	-15.730	-15.730	-30.119	-38.904	-42.539
New Zealand	18.942	12.619	5.679	-6.898	-16.283	-16.283	-29.950	-37.949	-40.816
Nicaragua	12.404	8.330	4.876	24.057	21.601	21.601	15.482	12.769	10.188
Niger	0.943	0.936	0.875	0.969	0.992	0.992	1.047	1.064	1.062
Nigeria	5.251	6.497	6.390	9.176	9.477	9.477	9.312	10.156	10.952
Niue	1.055	1.843	2.513	2.461	2.353	2.353	2.045	1.878	1.671
Norway	10.925	8.069	3.711	-4.589	-11.007	-11.007	-20.909	-26.888	-29.263
Oman	13.506	12.777	12.438	13.140	14.247	14.247	15.961	15.714	14.789
Pakistan	2.030	2.325	2.694	3.056	3.434	3.434	4.243	4.587	4.667
Palau	5.727	6.477	7.179	7.522	7.458	7.458	7.321	7.307	7.342
Panama	19.160	13.949	9.464	39.900	36.407	36.407	27.249	23.111	19.051
Papua New Guinea	5.037	-20.892	-29.208	-29.865	-31.732	-31.732	-25.117	-27.081	-20.440

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Paraguay	16.156	20.834	23.003	19.981	17.270	17.270	16.473	20.867	20.973
Peru	6.349	3.594	1.119	-0.192	-1.474	-1.474	5.182	19.866	22.162
Philippines	2.725	2.806	3.291	3.226	3.436	3.436	3.476	3.477	3.449
Poland	12.331	10.466	4.943	-6.313	-15.674	-15.674	-31.737	-42.085	-47.336
Portugal	7.398	4.495	2.100	-2.649	-6.476	-6.476	-12.713	-16.656	-18.558
Qatar	62.500	63.636	66.704	78.003	92.278	92.278	117.314	120.454	117.533
Romania	8.358	10.061	4.776	-6.113	-15.153	-15.153	-30.365	-40.042	-44.816
Russian Federation	13.729	19.737	9.498	-12.319	-30.900	-30.900	-62.876	-83.167	-93.149
Rwanda	1.422	1.741	1.820	1.937	2.095	2.095	2.534	2.919	3.398
Saint Kitts & Nevis	3.841	5.453	7.008	7.695	8.198	8.198	8.964	9.098	8.871
Saint Lucia	5.657	8.194	10.770	12.066	13.213	13.213	15.329	16.071	16.241
Saint Vincent & Grenadines	3.997	5.358	6.781	7.631	8.295	8.295	9.217	9.348	9.265
Samoa	3.256	3.900	4.573	4.570	4.201	4.201	3.577	3.240	3.027
Sao Tome & Principe	1.758	2.182	2.586	3.113	3.634	3.634	4.720	5.142	5.394
Saudi Arabia	17.978	19.996	22.282	24.949	27.616	27.616	31.386	31.715	30.915
Senegal	2.385	2.776	2.895	3.463	3.885	3.885	5.369	6.162	6.811
Serbia & Montenegro	7.567	9.175	10.730	11.911	12.732	12.732	12.990	12.706	12.116
Seychelles	9.626	13.369	18.302	24.992	32.682	32.682	52.098	63.565	75.430
Sierra Leone	5.434	6.515	5.004	5.575	4.301	4.301	4.388	4.397	4.356
Singapore	13.053	15.455	18.041	21.993	27.222	27.222	39.095	44.759	48.780
Slovakia	15.731	11.761	5.505	-6.966	-17.119	-17.119	-33.920	-44.504	-49.537
Slovenia	16.568	7.735	3.679	-4.731	-11.810	-11.810	-24.134	-32.171	-36.396
Solomon Islands	0.868	0.569	0.502	0.468	0.400	0.400	0.370	0.293	0.327
South Africa	9.899	11.932	14.112	17.112	20.578	20.578	28.354	31.960	34.782
Spain	10.433	5.637	2.661	-3.392	-8.366	-8.366	-16.578	-21.768	-24.310
Sri Lanka	4.069	5.182	6.804	7.585	8.031	8.031	9.280	10.308	10.635
Sudan	4.702	5.164	5.494	6.116	6.903	6.903	8.768	10.113	11.866
Suriname	8.814	8.347	7.897	8.692	9.340	9.340	10.085	10.229	9.957
Swaziland	1.985	2.759	3.570	3.793	4.954	4.954	6.137	6.662	6.937
Sweden	7.765	6.889	3.191	-3.982	-9.659	-9.659	-18.686	-24.122	-26.297
Switzerland	7.605	6.073	2.822	-3.537	-8.609	-8.609	-16.823	-21.948	-24.275
Syria	3.901	4.600	5.107	5.616	6.198	6.198	7.152	7.258	7.138
Taiwan	15.469	18.749	21.276	24.985	29.187	29.187	35.875	37.776	38.225
Tajikistan	1.340	1.271	1.208	1.376	1.529	1.529	1.692	1.670	1.645
Tanzania	2.431	2.512	2.678	2.832	3.214	3.214	3.559	3.767	3.833
Thailand	7.139	8.149	9.626	10.875	12.644	12.644	15.733	16.976	17.535
Togo	4.459	5.824	5.639	6.684	6.713	6.713	8.642	9.586	10.350

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Tonga	1.957	1.860	1.757	1.706	1.636	1.636	1.462	1.384	1.307
Trinidad & Tobago	31.955	41.251	51.089	61.470	74.453	74.453	99.940	106.300	103.676
Tunisia	5.248	6.511	7.788	9.086	10.440	10.440	14.213	16.074	16.985
Turkey	5.937	3.095	1.378	-1.660	-3.892	-3.892	-7.072	-8.927	-9.586
Turkmenistan	17.567	16.904	16.584	17.643	18.391	18.391	19.024	18.867	18.604
Uganda	2.690	3.444	3.628	3.484	3.407	3.407	3.364	3.849	4.563
Ukraine	11.063	19.015	9.200	-11.995	-30.268	-30.268	-62.567	-83.515	-94.435
United Arab Emirates	38.373	39.303	42.312	48.184	57.758	57.758	78.762	83.173	83.472
United Kingdom	11.366	10.342	4.771	-5.927	-14.284	-14.284	-27.232	-34.998	-38.080
United States of America	20.485	15.321	6.836	-8.208	-19.074	-19.074	-33.564	-41.340	-43.043
Uruguay	2.250	-0.515	-3.793	-5.519	-7.380	-7.380	1.256	21.415	25.728
Uzbekistan	8.528	10.433	12.237	13.074	13.875	13.875	15.196	15.400	15.209
Vanuatu	2.371	2.558	2.774	2.772	2.663	2.663	2.492	2.406	2.362
Venezuela	14.554	14.380	13.961	13.655	13.540	13.540	20.382	30.593	29.345
Vietnam	1.656	1.832	2.289	2.481	2.871	2.871	3.392	3.607	3.722
Yemen	1.685	1.634	1.610	1.700	1.801	1.801	1.990	2.022	1.990
Zambia	20.075	18.463	16.433	7.329	8.950	8.950	1.328	-2.009	-5.197
Zimbabwe	5.979	5.222	4.935	3.685	4.209	4.209	3.572	3.320	3.011

Appendix E11

450S Total Emission Allocations: Greenhouse Development Rights Approach (MtCO₂-eq)

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	32.07	40.44	52.42	58.74	62.13	64.63	70.96	78.28	81.87
Albania	18.12	22.00	25.41	25.65	25.87	24.73	24.09	23.38	22.66
Algeria	203.43	266.07	324.64	390.44	431.57	478.49	548.96	605.09	633.41
Angola	91.66	73.01	52.56	44.41	50.66	51.26	51.50	51.61	52.19
Antigua & Barbuda	2.31	2.26	2.21	2.41	2.54	2.61	2.62	2.55	2.44
Argentina	427.95	477.95	480.99	425.25	390.00	368.16	426.28	528.10	477.66
Armenia	7.85	8.16	7.77	6.46	5.50	4.86	3.87	2.49	1.87
Australia	575.90	527.89	379.68	99.72	-119.36	-293.33	-497.38	-748.94	-843.88
Austria	100.00	89.75	48.34	-36.62	-105.87	-157.25	-216.57	-279.09	-303.06
Azerbaijan	50.00	53.80	54.79	49.73	46.11	44.24	41.09	34.66	31.29

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Bahamas	2.20	2.12	2.08	2.41	2.70	2.99	3.17	3.27	3.17
Bahrain	23.61	23.50	18.29	6.93	1.63	1.08	-1.22	-8.13	-11.09
Bangladesh	133.98	138.84	150.81	187.93	229.19	273.86	325.80	371.09	396.95
Barbados	3.84	6.13	8.42	9.47	10.45	11.29	11.87	11.99	11.42
Belarus	73.86	70.49	62.07	49.73	39.34	29.02	17.08	1.54	-6.80
Belgium	153.71	146.45	96.32	-19.36	-114.58	-187.23	-269.38	-355.99	-390.01
Belize	29.38	24.22	19.21	78.26	75.44	68.93	62.30	55.25	47.52
Benin	115.60	181.63	198.69	250.40	255.87	295.05	337.69	373.76	405.55
Bhutan	1.79	2.39	3.03	3.57	4.21	4.89	5.71	6.35	6.82
Bolivia	100.27	54.37	4.65	-29.50	-62.26	-94.04	36.74	284.23	322.55
Bosnia & Herzegovina	24.47	26.60	27.19	26.44	24.90	22.60	19.17	14.63	11.03
Botswana	30.83	33.59	34.43	22.64	25.47	21.21	16.67	12.14	8.75
Brazil	1,808.11	1,209.24	476.24	-166.01	-770.21	-1,361.17	620.55	4,495.87	5,172.40
Brunei	10.02	11.82	14.10	15.99	18.39	18.42	17.87	17.38	16.45
Bulgaria	93.05	106.81	112.12	100.88	89.62	74.46	56.71	35.90	21.81
Burkina Faso	22.02	19.84	16.61	20.70	23.97	28.05	33.17	38.86	45.14
Burundi	10.08	14.15	15.31	16.29	17.89	19.84	23.31	28.96	37.14
Cambodia	74.03	76.06	103.46	94.15	101.16	94.29	87.93	85.19	90.19
Cameroon	201.28	272.64	239.98	305.39	271.39	303.22	339.83	375.40	410.09
Canada	822.99	715.64	430.34	-89.17	-501.62	-802.99	-1,124.63	-1,466.64	-1,619.02
Cape Verde	0.64	0.73	0.86	1.16	1.52	1.94	2.39	2.83	3.21
Central African Republic	43.88	48.33	40.11	51.09	50.12	57.24	65.16	71.56	77.86
Chad	29.56	32.41	30.28	38.06	41.15	47.53	54.80	61.21	67.29
Chile	118.68	134.14	132.73	109.55	95.39	84.82	87.57	96.63	73.48
China	7,936.61	8,557.82	8,540.50	8,815.84	9,487.95	10,040.87	10,010.19	9,479.16	8,838.98
Colombia	264.48	245.42	206.85	163.77	126.85	91.32	245.50	533.56	560.59
Comoros	0.87	1.49	2.23	2.94	3.78	4.61	5.71	6.99	8.58
Congo	31.29	36.52	28.69	36.38	31.88	36.45	41.53	46.80	51.73
Congo, Dem. Republic	758.20	1,051.05	912.26	1,133.27	949.11	1,049.87	1,156.76	1,255.74	1,353.28
Cook Islands	0.03	0.06	0.09	0.10	0.10	0.10	0.10	0.09	0.09
Costa Rica	25.01	22.27	17.61	40.33	35.33	29.84	23.38	16.11	10.80
Côte d'Ivoire	236.21	329.60	304.17	386.20	358.37	418.48	490.13	574.95	660.62
Croatia	37.80	41.55	40.13	29.66	20.32	10.97	-0.47	-13.27	-17.17
Cuba	51.03	59.65	67.74	102.42	111.68	118.91	122.42	120.08	110.40
Cyprus	10.83	11.29	9.19	3.80	0.56	-0.80	-2.64	-5.46	-6.18
Czech Republic	176.02	196.42	186.22	126.34	72.54	21.97	-42.32	-116.81	-159.41
Denmark	69.24	63.29	35.40	-26.03	-75.92	-113.81	-156.55	-201.56	-218.91

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Djibouti	2.08	2.63	3.42	4.77	6.28	7.82	9.61	11.36	13.11
Dominica	0.25	0.30	0.35	0.41	0.45	0.49	0.52	0.54	0.53
Dominican Republic	36.85	45.46	51.79	52.78	55.00	58.35	58.79	55.68	50.20
Ecuador	86.60	71.31	50.33	27.14	5.85	-14.54	75.10	242.14	262.70
Egypt	270.11	321.42	372.38	435.89	519.70	627.59	753.74	864.85	941.70
El Salvador	20.98	22.93	23.80	34.51	33.76	32.92	30.62	27.14	23.86
Equatorial Guinea	11.41	14.45	11.57	14.57	12.00	13.35	14.83	16.36	17.81
Eritrea	10.90	18.03	27.20	38.62	51.83	66.70	97.18	165.18	265.82
Estonia	16.02	14.32	9.91	1.00	-6.71	-13.56	-21.11	-29.78	-33.95
Ethiopia	100.87	133.77	170.87	215.60	269.11	323.15	395.08	483.64	589.33
Fiji	3.25	3.20	3.22	3.44	3.46	3.46	3.48	3.44	3.45
Finland	74.53	72.93	50.76	-3.88	-48.72	-78.81	-119.12	-161.17	-178.93
France	584.51	528.69	284.33	-237.04	-658.68	-968.71	-1,328.61	-1,706.52	-1,848.96
Gabon	19.08	25.02	26.85	52.90	58.92	47.30	42.76	49.74	60.92
Gambia	2.33	3.51	4.34	5.89	7.12	8.68	10.44	11.97	13.36
Georgia	10.40	12.13	13.30	13.33	13.57	13.69	13.51	12.88	12.40
Germany	1,066.09	985.22	589.33	-268.33	-970.36	-1,503.24	-2,105.75	-2,743.81	-2,995.63
Ghana	90.47	122.70	119.63	154.48	157.19	188.23	222.44	255.91	284.47
Greece	136.46	128.76	83.02	-19.77	-103.69	-163.64	-237.28	-314.66	-346.18
Grenada	1.18	2.15	3.17	3.58	3.95	4.28	4.58	4.78	4.79
Guatemala	97.29	77.89	56.88	209.22	198.82	179.92	158.44	134.86	110.96
Guinea	39.04	46.96	41.24	52.51	51.51	60.98	71.83	83.14	93.84
Guinea-Bissau	5.42	7.40	7.84	10.20	11.10	13.13	15.40	17.39	19.22
Guyana	21.04	2.68	-15.74	-28.15	-40.65	-53.92	-0.70	101.63	121.06
Haiti	13.39	12.48	11.61	18.21	18.82	18.99	18.65	17.98	17.07
Honduras	36.89	31.72	26.06	74.32	72.04	67.08	61.03	54.11	46.76
Hungary	105.05	116.49	112.25	81.58	54.13	28.30	-6.54	-45.54	-66.17
Iceland	3.51	3.11	1.53	-1.75	-4.41	-6.40	-8.63	-10.98	-11.83
India	2,362.46	3,035.06	3,784.13	4,746.52	5,982.52	7,418.63	8,908.64	10,168.53	10,863.09
Indonesia	3,064.06	3,283.31	4,640.12	4,227.52	4,606.17	4,321.87	4,019.40	3,864.48	4,027.26
Iran	715.65	838.94	913.53	929.45	1,027.55	1,173.70	1,267.02	1,259.74	1,251.65
Iraq	132.58	143.41	153.46	171.92	198.13	229.51	258.86	276.51	282.64
Ireland	69.96	63.52	38.08	-13.99	-56.02	-85.41	-121.82	-160.00	-174.86
Israel	102.95	117.91	112.75	80.56	66.54	72.64	74.74	63.86	65.77
Italy	612.12	566.99	343.82	-140.59	-536.98	-834.85	-1,176.74	-1,536.30	-1,677.35
Jamaica	78.16	132.01	184.58	202.53	204.17	201.67	195.63	183.46	175.81
Japan	1,429.60	1,256.93	653.64	-609.75	-1,611.05	-2,397.07	-3,269.54	-4,218.32	-4,618.88
Jordan	34.06	46.39	59.24	69.28	80.68	94.51	108.51	118.84	123.87

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Kazakhstan	213.23	232.80	233.33	201.75	179.98	167.65	146.02	111.12	92.22
Kenya	70.66	92.02	114.94	150.49	193.99	245.66	314.76	402.72	510.61
Kiribati	0.01	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Korea (North)	142.12	164.96	182.34	205.52	231.20	252.15	265.02	269.95	261.48
Korea (South)	702.96	813.33	772.06	609.80	526.48	489.34	389.13	227.55	164.96
Kuwait	94.57	90.94	68.58	29.07	11.60	12.19	5.15	-20.64	-31.63
Kyrgyzstan	13.73	18.27	22.88	25.29	27.40	29.08	30.12	30.36	29.79
Laos	39.80	41.46	54.12	50.87	54.34	51.71	49.23	48.52	51.05
Latvia	2.61	-1.55	-6.45	-11.82	-16.86	-22.69	-28.04	-33.44	-35.14
Lebanon	28.06	34.87	38.39	36.69	38.86	43.89	48.39	50.29	52.24
Lesotho	3.31	4.05	4.97	6.17	7.49	8.78	10.00	11.19	12.20
Liberia	83.75	116.67	96.49	120.10	94.05	103.58	113.43	123.28	132.95
Libya	82.28	102.97	119.51	130.62	137.06	149.18	166.02	173.83	177.09
Lithuania	14.32	11.55	5.67	-4.55	-13.14	-21.28	-29.77	-38.92	-42.40
Luxembourg	13.37	11.63	5.18	-7.70	-18.24	-26.20	-35.09	-44.48	-48.01
Macedonia, FYR	14.29	17.18	19.02	17.68	16.33	13.64	10.54	7.02	4.47
Madagascar	97.62	122.16	120.19	116.52	116.40	114.71	119.23	126.73	148.52
Malawi	34.41	36.26	37.45	25.78	32.12	27.67	23.27	19.23	14.39
Malaysia	859.29	904.65	1,232.01	1,030.17	1,062.29	930.39	785.75	681.57	709.07
Maldives	0.96	1.18	1.45	1.87	2.41	3.02	3.68	4.24	4.58
Mali	43.88	48.26	41.62	52.29	52.56	60.13	68.12	74.35	79.71
Malta	2.97	3.07	3.14	3.22	3.23	3.16	3.06	2.93	2.76
Mauritania	14.47	13.31	12.31	15.92	19.83	24.18	28.98	33.17	36.68
Mauritius	6.79	10.00	13.66	17.78	23.53	30.91	40.02	49.36	59.30
Mexico	846.02	896.09	850.12	986.18	903.74	865.59	764.93	582.59	440.22
Moldova	12.46	12.66	12.73	13.56	14.34	15.04	15.37	15.20	14.81
Mongolia	36.21	40.84	44.86	47.62	51.01	53.37	54.03	53.00	50.17
Morocco	98.08	115.56	133.30	156.62	187.94	226.43	272.02	309.49	329.97
Mozambique	30.39	29.47	29.07	28.96	35.25	37.66	40.34	43.89	46.48
Myanmar	509.94	541.59	765.62	693.09	744.18	688.70	633.82	610.27	645.69
Namibia	14.67	16.70	18.47	19.40	22.82	26.00	29.00	31.64	34.07
Nauru	0.12	0.13	0.14	0.15	0.15	0.15	0.15	0.14	0.14
Nepal	210.99	246.43	326.58	344.21	315.68	271.97	259.71	276.56	249.66
Netherlands	236.60	213.75	123.06	-64.30	-217.69	-334.09	-464.94	-602.93	-656.58
New Zealand	82.25	74.63	59.61	29.96	5.97	-11.71	-30.10	-56.22	-63.10
Nicaragua	74.29	54.06	33.55	179.09	169.78	151.60	132.42	112.42	91.81
Niger	15.06	17.91	20.01	26.34	31.83	37.99	45.31	52.47	58.97
Nigeria	821.71	1,116.17	1,193.51	1,849.82	2,047.36	2,085.42	2,267.11	2,603.84	2,945.76
Niue	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Norway	51.42	44.14	13.91	-50.51	-101.49	-136.07	-181.13	-227.39	-245.15

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Oman	39.75	40.13	34.74	23.63	19.60	21.03	19.45	11.95	8.65
Pakistan	343.07	422.33	522.79	630.15	750.99	881.42	1,025.85	1,154.46	1,217.15
Palau	0.12	0.14	0.15	0.16	0.17	0.17	0.17	0.17	0.17
Panama	66.94	50.88	32.24	154.60	140.98	120.92	99.65	77.24	57.30
Papua New Guinea	34.09	-155.62	-236.89	-261.44	-297.04	-303.46	-262.75	-296.02	-232.59
Paraguay	107.47	154.91	189.34	179.57	168.42	155.82	187.20	256.03	274.91
Peru	184.63	106.05	18.21	-51.09	-117.33	-186.46	91.64	623.16	710.41
Philippines	254.60	284.33	353.96	355.90	395.72	416.80	434.90	448.40	464.31
Poland	469.46	523.40	512.34	391.13	278.03	161.51	18.84	-144.75	-241.63
Portugal	79.29	74.71	50.06	-1.78	-43.58	-67.71	-106.72	-146.87	-164.24
Qatar	53.25	49.36	33.25	4.69	-11.65	-17.88	-29.57	-49.71	-57.21
Romania	179.62	211.90	224.77	195.61	168.18	132.67	89.49	38.52	5.20
Russian Federation	1,918.65	1,953.69	1,788.68	1,307.32	917.33	600.97	206.20	-306.55	-551.32
Rwanda	15.10	21.18	25.05	29.91	36.18	43.63	54.46	69.68	89.76
Saint Kitts & Nevis	0.19	0.28	0.38	0.44	0.49	0.53	0.56	0.58	0.57
Saint Lucia	0.95	1.41	1.88	2.13	2.35	2.55	2.71	2.80	2.76
Saint Vincent & Grenadines	0.47	0.62	0.77	0.86	0.93	0.98	1.00	1.00	0.97
Samoa	0.64	0.82	1.04	1.13	1.13	1.13	1.14	1.12	1.14
Sao Tome & Principe	0.31	0.45	0.62	0.84	1.09	1.38	1.69	1.98	2.22
Saudi Arabia	459.75	509.10	481.66	348.30	286.61	291.09	258.08	180.40	168.38
Senegal	32.20	42.68	50.25	67.23	83.65	108.44	139.01	173.05	205.96
Serbia & Montenegro	80.22	91.60	94.83	83.45	72.08	59.12	42.35	22.19	8.88
Seychelles	0.84	1.22	1.74	2.44	3.26	4.18	5.28	6.41	7.49
Sierra Leone	33.82	45.44	39.33	49.61	43.38	49.55	56.39	63.44	70.26
Singapore	59.15	53.69	11.05	-81.22	-144.85	-183.18	-229.19	-284.77	-300.53
Slovakia	85.35	97.62	99.85	81.54	65.36	47.04	27.09	4.71	-7.88
Slovenia	33.02	36.84	35.27	23.39	13.07	3.09	-7.86	-19.85	-25.29
Solomon Islands	0.46	0.34	0.33	0.34	0.31	0.30	0.33	0.27	0.32
South Africa	480.10	538.20	553.03	516.78	540.53	624.37	698.02	753.90	857.78
Spain	455.11	416.74	252.82	-86.90	-363.53	-562.60	-804.64	-1,058.72	-1,159.69
Sri Lanka	83.97	110.98	149.70	169.67	182.20	193.78	214.84	239.31	246.51
Sudan	192.89	235.96	278.28	340.67	421.33	509.62	636.66	797.88	1,015.53
Suriname	4.21	4.20	4.17	4.78	5.32	5.73	6.01	6.17	6.03
Swaziland	2.41	3.44	4.37	4.21	5.59	6.39	7.06	7.66	8.18

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Sweden	70.63	61.11	23.09	-56.22	-120.07	-164.90	-219.83	-277.20	-298.83
Switzerland	57.57	48.10	12.83	-59.22	-117.62	-160.78	-209.59	-261.03	-279.85
Syria	88.15	105.43	121.86	134.90	153.28	175.08	190.51	196.67	198.57
Taiwan	359.20	393.38	317.15	131.70	7.50	-80.22	-207.94	-378.92	-463.76
Tajikistan	9.64	10.00	10.29	12.54	14.79	16.51	18.13	18.67	19.08
Tanzania	103.77	118.02	136.37	154.12	185.08	205.00	224.97	247.63	260.99
Thailand	464.85	528.21	590.18	587.15	638.32	692.04	731.91	741.34	741.86
Togo	31.93	47.69	52.38	69.81	78.29	98.37	123.69	150.80	177.96
Tonga	0.21	0.21	0.22	0.23	0.23	0.23	0.23	0.22	0.22
Trinidad & Tobago	42.03	51.41	55.81	52.28	53.97	58.90	59.60	53.17	43.47
Tunisia	55.30	70.38	83.52	92.90	104.72	119.98	143.95	161.75	170.33
Turkey	458.09	500.10	485.49	466.35	505.48	578.73	651.60	683.48	719.69
Turkmenistan	89.94	89.19	85.21	81.69	78.91	76.78	71.71	63.50	60.69
Uganda	92.22	141.21	177.59	202.85	235.18	264.97	323.16	433.40	599.27
Ukraine	504.00	533.41	547.35	554.88	569.15	588.50	592.70	571.66	551.03
United Arab Emirates	191.74	208.28	196.53	144.21	142.50	176.59	192.83	154.91	131.22
United Kingdom	694.06	630.53	347.03	-257.01	-748.25	-1,120.26	-1,541.78	-1,985.89	-2,158.26
United States of America	6,375.51	5,552.47	2,388.46	-3,190.78	-7,580.28	-10,241.65	-13,892.28	-17,775.38	-
Uruguay	7.62	-2.72	-17.13	-29.13	-40.63	-51.67	-15.96	54.80	69.19
Uzbekistan	234.30	299.14	363.89	398.04	431.49	462.47	486.72	496.16	493.27
Vanuatu	0.55	0.63	0.73	0.76	0.77	0.77	0.77	0.77	0.77
Venezuela	416.70	429.03	404.25	339.98	296.11	272.94	511.84	903.96	868.19
Vietnam	145.99	169.51	220.08	244.35	289.35	321.53	352.94	377.77	391.21
Yemen	41.05	45.09	49.22	56.57	64.82	73.70	82.23	88.53	91.82
Zambia	249.93	248.11	236.44	111.62	143.71	82.94	22.12	-38.49	-100.60
Zimbabwe	78.53	83.59	87.40	70.47	86.79	85.36	84.23	83.51	80.92
World Total	48,737.71	50,442.81	46,445.54	35,464.55	27,669.58	22,793.00	19,703.31	17,746.84	16,538.74

Appendix E12

450S Per Capita Emission Allocations: Greenhouse Development Rights Approach (tCO₂-eq per person)

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	0.940	1.059	1.243	1.272	1.242	1.208	1.252	1.312	1.309
Albania	5.593	6.602	7.421	7.348	7.328	6.970	6.773	6.568	6.372
Algeria	5.829	7.197	8.337	9.604	10.272	11.116	12.529	13.648	14.214
Angola	5.102	3.677	2.405	1.855	1.943	1.821	1.706	1.606	1.534
Antigua & Barbuda	26.119	23.929	22.021	22.774	22.805	22.491	21.844	20.697	19.469
Argentina	10.467	11.128	10.718	9.117	8.082	7.405	8.358	10.140	9.026
Armenia	2.614	2.703	2.545	2.098	1.782	1.578	1.264	0.823	0.627
Australia	26.546	23.012	15.730	3.948	-4.543	-10.802	-17.807	-26.164	-28.847
Austria	12.103	10.849	5.846	-4.446	-12.962	-19.519	-27.369	-36.025	-40.059
Azerbaijan	5.752	5.919	5.777	5.078	4.604	4.345	3.985	3.335	3.002
Bahamas	6.500	6.012	5.658	6.350	6.936	7.522	7.901	8.098	7.842

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Bahrain	30.410	28.516	21.008	7.583	1.720	1.100	-1.218	-7.994	-10.748
Bangladesh	0.819	0.794	0.806	0.940	1.084	1.237	1.419	1.570	1.641
Barbados	12.893	20.244	27.426	30.562	33.659	36.542	38.814	39.900	38.845
Belarus	7.710	7.493	6.733	5.524	4.487	3.405	2.066	0.193	-0.881
Belgium	14.585	13.856	9.104	-1.831	-10.887	-17.931	-26.107	-35.022	-39.032
Belize	89.978	67.154	48.750	183.434	164.797	141.499	121.036	102.224	84.189
Benin	11.694	15.925	15.224	16.911	15.372	15.927	16.541	16.764	16.797
Bhutan	2.626	3.305	3.975	4.481	5.064	5.677	6.433	6.988	7.366
Bolivia	9.960	4.974	0.395	-2.339	-4.639	-6.626	2.463	18.237	19.915
Bosnia & Herzegovina	6.205	6.750	6.940	6.830	6.559	6.110	5.345	4.229	3.321
Botswana	15.227	15.423	14.926	9.356	10.132	8.162	6.209	4.376	3.053
Brazil	9.095	5.761	2.164	-0.724	-3.244	-5.566	2.479	17.647	20.071
Brunei	24.501	26.557	29.320	30.945	33.410	31.664	29.288	27.306	24.889
Bulgaria	12.529	14.972	16.429	15.517	14.521	12.745	10.290	6.937	4.513
Burkina Faso	1.353	1.046	0.754	0.814	0.821	0.841	0.878	0.914	0.950
Burundi	1.061	1.270	1.184	1.094	1.053	1.033	1.084	1.216	1.421
Cambodia	4.863	4.565	5.698	4.811	4.858	4.296	3.825	3.560	3.648
Cameroon	10.119	12.366	9.918	11.607	9.562	9.975	10.508	10.977	11.395
Canada	24.434	20.436	11.854	-2.380	-13.037	-20.430	-28.131	-36.176	-39.449
Cape Verde	1.230	1.359	1.571	2.117	2.787	3.604	4.589	5.679	6.832
Central African Republic	9.704	9.963	7.774	9.402	8.836	9.729	10.724	11.429	12.086
Chad	2.598	2.582	2.199	2.534	2.522	2.692	2.875	2.984	3.045
Chile	6.956	7.552	7.215	5.786	4.932	4.325	4.432	4.880	3.721
China	5.898	6.150	5.978	6.075	6.501	6.882	6.891	6.579	6.215
Colombia	5.523	4.847	3.890	2.953	2.211	1.551	4.095	8.802	9.203
Comoros	1.264	1.885	2.499	2.915	3.345	3.673	4.121	4.616	5.228
Congo	7.572	7.667	5.261	5.894	4.623	4.792	5.005	5.219	5.381
Congo, Dem. Republic	11.007	13.091	9.823	10.638	7.841	7.707	7.616	7.482	7.359
Cook Islands	1.851	4.197	7.159	8.190	9.155	9.924	10.424	10.676	10.661
Costa Rica	5.387	4.505	3.371	7.363	6.206	5.082	3.889	2.635	1.749
Côte d'Ivoire	11.419	14.404	12.142	14.219	12.275	13.435	14.847	16.529	18.122
Croatia	8.525	9.416	9.172	6.862	4.781	2.637	-0.116	-3.368	-4.497
Cuba	4.472	5.181	5.851	8.843	9.704	10.469	10.998	11.082	10.535
Cyprus	13.095	12.659	9.674	3.807	0.543	-0.758	-2.487	-5.163	-5.921
Czech Republic	17.266	19.404	18.610	12.843	7.538	2.343	-4.646	-13.233	-18.679
Denmark	12.591	11.374	6.294	-4.581	-13.288	-19.931	-27.592	-35.879	-39.384
Djibouti	2.325	2.630	3.073	3.885	4.694	5.431	6.268	7.040	7.783
Dominica	3.486	4.113	4.789	5.471	6.106	6.774	7.409	7.934	8.144
Dominican Republic	3.611	4.147	4.424	4.249	4.200	4.253	4.113	3.759	3.287
Ecuador	6.125	4.701	3.114	1.589	0.327	-0.780	3.896	12.239	13.022
Egypt	3.342	3.617	3.852	4.184	4.660	5.285	5.993	6.533	6.801

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
El Salvador	2.891	2.920	2.813	3.803	3.483	3.194	2.809	2.364	1.983
Equatorial Guinea	20.555	22.860	16.210	18.257	13.559	13.748	14.038	14.366	14.616
Eritrea	2.107	3.092	4.195	5.415	6.664	7.929	10.766	17.184	26.156
Estonia	12.289	11.350	8.160	0.861	-6.087	-12.983	-21.382	-32.029	-39.004
Ethiopia	1.143	1.294	1.415	1.535	1.652	1.718	1.830	1.964	2.112
Fiji	3.662	3.372	3.189	3.215	3.064	2.916	2.800	2.652	2.565
Finland	14.121	13.777	9.586	-0.736	-9.325	-15.317	-23.596	-32.598	-36.966
France	9.327	8.241	4.352	-3.577	-9.830	-14.341	-19.588	-25.170	-27.389
Gabon	13.348	15.858	15.468	27.715	28.109	20.589	17.016	18.137	20.393
Gambia	1.259	1.677	1.848	2.248	2.459	2.737	3.027	3.215	3.347
Georgia	2.363	2.803	3.131	3.211	3.353	3.476	3.525	3.456	3.427
Germany	12.950	12.017	7.235	-3.326	-12.189	-19.194	-27.401	-36.450	-40.679
Ghana	3.639	4.519	4.069	4.891	4.665	5.268	5.906	6.486	6.921
Greece	12.196	11.480	7.425	-1.780	-9.414	-14.995	-21.991	-29.589	-33.140
Grenada	10.834	19.273	27.777	31.123	34.277	37.484	40.854	43.845	45.890
Guatemala	6.882	5.004	3.352	11.417	10.138	8.640	7.215	5.859	4.625
Guinea	3.845	4.053	3.125	3.503	3.040	3.204	3.380	3.527	3.613
Guinea-Bissau	3.065	3.798	3.667	4.380	4.406	4.845	5.312	5.633	5.879
Guyana	29.532	3.806	-21.924	-37.618	-52.180	-66.932	-0.843	121.410	143.165
Haiti	1.314	1.118	0.952	1.375	1.320	1.247	1.155	1.057	0.957
Honduras	4.860	3.817	2.898	7.712	7.030	6.200	5.375	4.568	3.801
Hungary	10.548	11.857	11.598	8.575	5.805	3.104	-0.734	-5.250	-7.839
Iceland	11.366	9.724	4.631	-5.183	-12.804	-18.344	-24.565	-31.178	-33.673
India	2.007	2.417	2.844	3.389	4.082	4.866	5.649	6.267	6.536
Indonesia	13.088	13.323	18.000	15.753	16.559	15.072	13.691	12.946	13.352
Iran	10.003	11.146	11.559	11.343	12.263	13.801	14.724	14.514	14.393
Iraq	4.468	4.305	4.160	4.257	4.521	4.862	5.130	5.167	5.019
Ireland	15.893	13.702	7.866	-2.789	-10.843	-16.104	-22.460	-28.979	-31.288
Israel	13.634	14.471	12.950	8.732	6.851	7.147	7.080	5.872	5.915
Italy	10.447	9.744	5.977	-2.479	-9.616	-15.220	-21.916	-29.355	-33.001
Jamaica	28.293	46.119	62.354	66.235	64.836	62.393	59.129	54.278	50.979
Japan	11.253	10.060	5.364	-5.166	-14.166	-21.982	-31.422	-42.641	-49.217
Jordan	5.152	6.788	7.889	8.451	9.081	9.869	10.566	10.852	10.678
Kazakhstan	13.827	14.808	14.641	12.609	11.292	10.604	9.341	7.219	6.123
Kenya	1.730	2.017	2.333	2.879	3.513	4.208	5.118	6.270	7.683
Kiribati	0.125	0.217	0.288	0.271	0.252	0.231	0.208	0.188	0.170
Korea (North)	5.870	6.698	7.314	8.193	9.199	10.044	10.607	10.909	10.720
Korea (South)	14.367	16.461	15.547	12.277	10.680	10.098	8.245	4.995	3.781
Kuwait	31.254	25.561	16.883	6.411	2.319	2.226	0.865	-3.201	-4.568
Kyrgyzstan	2.494	3.091	3.626	3.788	3.909	3.964	3.933	3.813	3.618
Laos	6.245	5.826	6.872	5.904	5.811	5.126	4.558	4.235	4.244

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Latvia	1.170	-0.717	-3.092	-5.906	-8.817	-12.449	-16.154	-20.318	-22.652
Lebanon	6.599	7.821	8.289	7.665	7.885	8.683	9.399	9.677	10.048
Lesotho	1.660	2.021	2.483	3.114	3.839	4.596	5.337	6.070	6.701
Liberia	19.982	25.077	18.815	21.304	15.233	15.399	15.571	15.710	15.808
Libya	12.432	14.096	15.038	15.286	15.031	15.409	16.240	16.223	15.902
Lithuania	4.254	3.481	1.739	-1.428	-4.250	-7.125	-10.348	-14.079	-16.023
Luxembourg	27.545	22.653	9.550	-13.474	-30.367	-41.694	-53.629	-65.521	-68.313
Macedonia, FYR	6.935	8.243	9.054	8.389	7.768	6.542	5.121	3.473	2.256
Madagascar	4.506	4.868	4.161	3.529	3.107	2.719	2.530	2.424	2.581
Malawi	2.272	2.088	1.891	1.150	1.278	0.990	0.755	0.570	0.392
Malaysia	30.687	29.725	37.412	29.081	28.080	23.196	18.591	15.376	15.319
Maldives	2.776	3.430	4.214	5.495	6.838	8.279	9.822	11.061	11.735
Mali	3.324	3.209	2.431	2.700	2.421	2.496	2.577	2.587	2.574
Malta	7.192	7.305	7.390	7.548	7.582	7.511	7.362	7.184	6.872
Mauritania	4.325	3.544	2.945	3.446	3.916	4.387	4.864	5.186	5.374
Mauritius	5.245	7.465	9.903	12.589	16.371	21.293	27.476	33.980	41.142
Mexico	7.749	7.778	7.026	7.803	6.888	6.394	5.510	4.115	3.066
Moldova	3.232	3.295	3.341	3.609	3.898	4.196	4.417	4.512	4.559
Mongolia	13.163	13.813	14.238	14.343	14.716	14.839	14.558	13.933	12.971
Morocco	3.076	3.440	3.783	4.258	4.921	5.738	6.701	7.446	7.789
Mozambique	1.352	1.197	1.078	0.984	1.104	1.093	1.088	1.103	1.090
Myanmar	10.211	10.464	14.361	12.704	13.411	12.276	11.242	10.829	11.524
Namibia	6.922	7.578	8.199	8.528	10.047	11.563	13.103	14.542	15.914
Nauru	8.254	8.480	8.568	8.402	8.144	7.700	7.074	6.543	5.962
Nepal	7.288	7.811	9.547	9.399	8.118	6.643	6.071	6.222	5.429
Netherlands	14.173	12.583	7.139	-3.686	-12.384	-18.967	-26.498	-34.636	-38.081
New Zealand	18.942	16.466	12.649	6.142	1.190	-2.283	-5.774	-10.664	-11.885
Nicaragua	12.404	8.304	4.778	23.831	21.287	18.042	15.056	12.285	9.697
Niger	0.943	0.935	0.874	0.968	0.991	1.012	1.046	1.062	1.060
Nigeria	5.251	6.491	6.367	9.123	9.404	8.981	9.215	10.047	10.843
Niue	1.055	1.843	2.513	2.461	2.353	2.235	2.045	1.878	1.671
Norway	10.925	9.224	2.857	-10.207	-20.257	-26.998	-35.933	-45.267	-49.042
Oman	13.506	11.761	8.886	5.338	3.957	3.840	3.246	1.840	1.240
Pakistan	2.030	2.322	2.684	3.033	3.402	3.783	4.200	4.538	4.618
Palau	5.727	6.477	7.179	7.522	7.458	7.366	7.321	7.307	7.342
Panama	19.160	13.581	8.082	36.650	31.838	26.217	20.905	15.798	11.511
Papua New Guinea	5.037	-20.902	-29.244	-29.949	-31.847	-30.699	-25.272	-27.257	-20.617
Paraguay	16.156	20.787	22.833	19.598	16.755	14.236	15.819	20.147	20.265
Peru	6.349	3.448	0.564	-1.515	-3.359	-5.192	2.498	16.740	18.910
Philippines	2.725	2.774	3.172	2.952	3.059	3.023	2.978	2.917	2.887
Poland	12.331	13.806	13.640	10.580	7.689	4.589	0.552	-4.389	-7.609

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Portugal	7.398	6.913	4.625	-0.165	-4.067	-6.389	-10.231	-14.395	-16.561
Qatar	62.500	55.756	36.253	4.939	-11.840	-17.553	-28.070	-45.565	-50.594
Romania	8.358	9.959	10.717	9.497	8.335	6.724	4.650	2.060	0.287
Russian Federation	13.729	14.327	13.490	10.172	7.373	4.986	1.765	-2.708	-5.036
Rwanda	1.422	1.741	1.820	1.936	2.094	2.261	2.533	2.917	3.396
Saint Kitts & Nevis	3.841	5.453	7.008	7.695	8.198	8.667	8.964	9.098	8.871
Saint Lucia	5.657	8.194	10.770	12.066	13.213	14.318	15.329	16.071	16.241
Saint Vincent & Grenadines	3.997	5.358	6.781	7.631	8.295	8.874	9.217	9.348	9.265
Samoa	3.256	3.900	4.573	4.570	4.201	3.853	3.577	3.240	3.027
Sao Tome & Principe	1.758	2.182	2.586	3.113	3.634	4.182	4.720	5.142	5.394
Saudi Arabia	17.978	18.429	16.383	11.149	8.577	8.110	6.699	4.385	3.859
Senegal	2.385	2.776	2.895	3.463	3.884	4.575	5.368	6.161	6.810
Serbia & Montenegro	7.567	8.843	9.369	8.446	7.484	6.314	4.666	2.529	1.048
Seychelles	9.626	13.369	18.302	24.992	32.682	41.355	52.098	63.565	75.430
Sierra Leone	5.434	6.515	5.004	5.575	4.301	4.346	4.388	4.397	4.356
Singapore	13.053	11.412	2.285	-16.519	-29.294	-37.282	-47.529	-60.953	-67.265
Slovakia	15.731	17.908	18.324	15.061	12.219	8.938	5.250	0.934	-1.607
Slovenia	16.568	18.666	18.163	12.323	7.080	1.727	-4.550	-11.960	-15.913
Solomon Islands	0.868	0.569	0.502	0.468	0.400	0.362	0.370	0.293	0.327
South Africa	9.899	11.287	11.539	10.742	11.204	12.912	14.404	15.513	17.583
Spain	10.433	9.569	5.858	-2.041	-8.673	-13.651	-19.905	-26.835	-30.312
Sri Lanka	4.069	5.169	6.752	7.461	7.852	8.221	9.019	10.000	10.312
Sudan	4.702	5.158	5.472	6.067	6.838	7.571	8.687	10.024	11.779
Suriname	8.814	8.347	7.897	8.692	9.340	9.789	10.085	10.229	9.957
Swaziland	1.985	2.667	3.218	2.958	3.771	4.162	4.475	4.742	4.962
Sweden	7.765	6.660	2.492	-6.020	-12.845	-17.726	-23.805	-30.238	-32.812
Switzerland	7.605	6.293	1.668	-7.671	-15.272	-21.052	-27.823	-35.279	-38.626
Syria	3.901	4.527	4.838	4.994	5.336	5.771	5.988	5.936	5.796
Taiwan	15.469	16.804	13.509	5.625	0.323	-3.530	-9.420	-17.822	-22.809
Tajikistan	1.340	1.271	1.206	1.371	1.523	1.611	1.684	1.661	1.636
Tanzania	2.431	2.512	2.678	2.832	3.214	3.388	3.558	3.766	3.833
Thailand	7.139	7.897	8.640	8.463	9.116	9.857	10.458	10.684	10.839
Togo	4.459	5.823	5.637	6.680	6.709	7.590	8.637	9.580	10.345
Tonga	1.957	1.860	1.757	1.706	1.636	1.553	1.462	1.384	1.307
Trinidad & Tobago	31.955	39.284	43.124	41.251	43.778	49.226	51.292	47.097	39.661
Tunisia	5.248	6.375	7.262	7.822	8.616	9.720	11.553	12.940	13.681
Turkey	5.937	6.111	5.643	5.197	5.438	6.050	6.664	6.886	7.189
Turkmenistan	17.567	16.452	14.874	13.592	12.636	11.934	10.877	9.433	8.865
Uganda	2.690	3.444	3.628	3.483	3.405	3.246	3.362	3.847	4.561
Ukraine	11.063	12.083	12.820	13.479	14.367	15.447	16.183	16.257	16.362
United Arab Emirates	38.373	35.883	30.128	20.329	18.961	22.624	24.158	19.223	16.295

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
United Kingdom	11.366	10.178	5.522	-4.042	-11.678	-17.431	-24.003	-31.007	-33.855
United States of America	20.485	17.002	6.974	-8.898	-20.230	-26.208	-34.137	-41.981	-43.578
Uruguay	2.250	-0.786	-4.859	-8.122	-11.168	-14.060	-4.320	14.826	18.786
Uzbekistan	8.528	10.391	12.075	12.686	13.321	13.938	14.401	14.474	14.247
Vanuatu	2.371	2.558	2.774	2.772	2.663	2.565	2.492	2.406	2.362
Venezuela	14.554	13.934	12.289	9.740	8.054	7.102	12.826	21.940	20.506
Vietnam	1.656	1.825	2.265	2.423	2.787	3.029	3.271	3.466	3.575
Yemen	1.685	1.631	1.597	1.671	1.762	1.859	1.939	1.966	1.934
Zambia	20.075	18.459	16.416	7.289	8.894	4.896	1.252	-2.096	-5.285
Zimbabwe	5.979	5.212	4.897	3.599	4.091	3.734	3.422	3.154	2.849

Appendix F

Appendix F1

550V Total Emission Allocations: Contraction & Convergence Approach (MtCO₂-eq)

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	32.07	48.18	66.78	88.03	111.42	136.40	162.79	190.62	219.84
Albania	18.12	17.78	17.37	16.81	16.08	15.24	14.35	13.44	12.50
Algeria	203.43	204.82	204.48	201.71	196.32	188.69	179.39	168.70	156.67
Angola	91.66	97.37	102.84	107.93	112.32	115.74	118.09	119.38	119.62
Antigua & Barbuda	2.31	2.20	2.05	1.87	1.65	1.39	1.10	0.78	0.44
Argentina	427.95	412.25	391.74	366.62	337.37	304.39	267.95	228.36	186.05
Armenia	7.85	8.23	8.67	9.09	9.46	9.78	10.06	10.30	10.47
Australia	575.90	542.92	501.78	452.43	394.89	329.99	259.02	183.05	102.85
Austria	100.00	91.24	82.32	73.18	63.78	54.27	44.81	35.55	26.60
Azerbaijan	50.00	49.74	49.24	48.11	46.41	44.34	42.01	39.46	36.65
Bahamas	2.20	2.16	2.12	2.04	1.95	1.84	1.71	1.57	1.42
Bahrain	23.61	22.29	20.62	18.56	16.12	13.32	10.25	7.00	3.63
Bangladesh	133.98	202.04	279.43	365.70	458.14	554.36	652.34	751.11	850.45
Barbados	3.84	3.55	3.24	2.90	2.55	2.17	1.79	1.41	1.03
Belarus	73.86	67.59	61.41	55.25	49.22	43.37	37.74	32.32	27.12
Belgium	153.71	139.53	125.04	110.28	95.26	80.05	64.83	49.80	35.13
Belize	29.38	28.55	26.94	24.56	21.40	17.51	12.94	7.74	1.98
Benin	115.60	121.71	125.93	127.74	126.58	121.94	113.52	101.18	84.89
Bhutan	1.79	1.98	2.17	2.36	2.55	2.74	2.92	3.09	3.26
Bolivia	100.27	100.07	98.35	95.15	90.44	84.20	76.48	67.35	56.94
Bosnia & Herzegovina	24.47	23.13	21.68	20.11	18.45	16.74	15.02	13.33	11.68
Botswana	30.83	29.97	28.37	26.22	23.56	20.55	17.30	13.81	10.07
Brazil	1,808.11	1,762.80	1,694.52	1,605.29	1,497.07	1,371.33	1,229.46	1,073.44	906.08
Brunei	10.02	9.74	9.26	8.59	7.71	6.62	5.35	3.91	2.32
Bulgaria	93.05	81.35	70.13	59.48	49.51	40.29	31.80	24.02	16.99
Burkina Faso	22.02	30.80	41.70	55.05	71.12	90.18	112.44	138.05	167.11
Burundi	10.08	15.25	21.66	29.51	38.89	49.86	62.37	76.41	91.91
Cambodia	74.03	78.22	82.20	85.28	87.24	88.25	88.56	88.17	86.93
Cameroon	201.28	204.91	204.91	201.10	193.50	182.15	167.09	148.47	126.53
Canada	822.99	764.10	697.20	621.66	537.71	446.52	349.63	248.55	144.30
Cape Verde	0.64	0.81	0.98	1.15	1.30	1.43	1.54	1.61	1.65
Central African Republic	43.88	43.32	42.09	40.12	37.49	34.33	30.76	26.86	22.65
Chad	29.56	34.05	38.92	44.18	49.86	56.01	62.63	69.77	77.69
Chile	118.68	115.92	112.15	107.28	101.27	94.26	86.47	78.14	69.44
China	7,936.61	7,792.37	7,574.60	7,262.17	6,869.63	6,432.59	5,972.17	5,495.00	5,000.25
Colombia	264.48	266.92	266.99	264.56	259.31	251.30	240.84	228.34	214.17

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Comoros	0.87	1.22	1.63	2.13	2.70	3.36	4.09	4.90	5.77
Congo	31.29	33.65	35.76	37.34	38.23	38.32	37.59	36.07	33.80
Congo, Dem. Republic	758.20	808.54	848.25	873.32	879.00	861.63	818.47	747.28	646.53
Cook Islands	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Costa Rica	25.01	25.47	25.70	25.66	25.35	24.76	23.95	22.92	21.72
Côte d'Ivoire	236.21	238.69	236.57	229.66	218.03	201.83	181.30	156.66	128.17
Croatia	37.80	34.85	31.82	28.73	25.59	22.44	19.34	16.32	13.43
Cuba	51.03	50.11	49.01	47.64	45.97	44.01	41.80	39.39	36.84
Cyprus	10.83	10.61	10.16	9.48	8.56	7.47	6.26	4.98	3.67
Czech Republic	176.02	157.37	138.37	119.13	99.98	81.31	63.34	46.21	30.01
Denmark	69.24	63.75	58.07	52.19	46.01	39.51	32.82	26.12	19.54
Djibouti	2.08	2.47	2.92	3.40	3.91	4.42	4.93	5.43	5.92
Dominica	0.25	0.26	0.26	0.26	0.26	0.25	0.25	0.24	0.23
Dominican Republic	36.85	39.46	42.00	44.42	46.66	48.72	50.59	52.25	53.70
Ecuador	86.60	87.97	88.44	87.91	86.37	83.84	80.35	76.01	70.93
Egypt	270.11	298.94	327.30	355.00	382.45	409.81	436.74	462.56	486.79
El Salvador	20.98	23.32	25.78	28.36	31.05	33.82	36.63	39.47	42.30
Equatorial Guinea	11.41	11.65	11.63	11.31	10.65	9.62	8.21	6.43	4.28
Eritrea	10.90	13.31	15.94	18.79	21.87	25.13	28.56	32.10	35.73
Estonia	16.02	14.12	12.26	10.44	8.71	7.11	5.64	4.29	3.06
Ethiopia	100.87	148.86	209.62	285.62	379.49	493.87	631.03	792.87	980.93
Fiji	3.25	3.46	3.66	3.86	4.05	4.24	4.42	4.58	4.72
Finland	74.53	67.74	60.73	53.50	46.07	38.56	31.14	23.94	17.02
France	584.51	551.74	514.41	473.63	430.27	384.70	337.02	287.62	237.35
Gabon	19.08	19.12	18.90	18.44	17.67	16.55	15.01	13.01	10.50
Gambia	2.33	3.22	4.28	5.51	6.91	8.47	10.18	12.04	14.04
Georgia	10.40	10.85	11.26	11.60	11.89	12.14	12.37	12.56	12.73
Germany	1,066.09	965.04	862.81	759.35	655.43	552.44	451.46	353.43	258.91
Ghana	90.47	98.39	106.08	113.47	120.54	127.28	133.57	139.33	144.52
Greece	136.46	124.62	112.10	99.30	86.54	73.89	61.35	48.93	36.73
Grenada	1.18	1.11	1.03	0.93	0.83	0.71	0.60	0.48	0.37
Guatemala	97.29	100.56	102.49	102.97	101.96	99.50	95.69	90.61	84.35
Guinea	39.04	44.07	49.66	55.78	62.35	69.27	76.47	83.84	91.32
Guinea-Bissau	5.42	6.08	6.79	7.53	8.29	9.07	9.87	10.68	11.49
Guyana	21.04	18.47	16.53	14.80	12.87	10.69	8.26	5.67	2.97
Haiti	13.39	17.75	22.74	28.33	34.44	40.96	47.88	55.16	62.74
Honduras	36.89	38.99	40.68	41.98	42.91	43.50	43.73	43.64	43.25
Hungary	105.05	95.00	85.08	75.26	65.57	56.11	46.94	38.12	29.68
Iceland	3.51	3.32	3.10	2.85	2.56	2.25	1.93	1.58	1.23
India	2,362.46	2,757.55	3,172.37	3,603.86	4,047.26	4,497.54	4,949.50	5,398.86	5,843.54

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Indonesia	3,064.06	2,930.51	2,756.97	2,548.94	2,309.25	2,037.41	1,734.76	1,406.71	1,060.46
Iran	715.65	691.92	662.38	620.31	566.40	505.89	442.12	375.54	305.76
Iraq	132.58	144.87	156.05	166.03	174.97	182.83	189.42	194.52	197.99
Ireland	69.96	66.50	61.96	56.43	50.14	43.26	35.85	27.95	19.65
Israel	102.95	100.78	96.68	90.77	83.29	74.30	63.82	52.00	39.09
Italy	612.12	557.48	501.25	445.13	389.83	335.42	281.82	229.35	178.70
Jamaica	78.16	72.12	65.42	58.10	50.08	41.40	32.13	22.35	12.13
Japan	1,429.60	1,285.24	1,135.59	985.79	839.85	699.79	567.12	443.49	329.96
Jordan	34.06	33.81	35.61	37.20	38.51	39.55	40.31	40.74	40.79
Kazakhstan	213.23	197.11	179.27	159.37	138.21	116.72	95.26	73.96	52.95
Kenya	70.66	89.15	107.25	125.45	144.84	166.15	188.79	211.49	233.66
Kiribati	0.01	0.07	0.13	0.21	0.30	0.41	0.52	0.65	0.80
Korea (North)	142.12	137.32	131.67	125.11	117.94	110.43	102.55	94.28	85.76
Korea (South)	702.96	642.86	578.73	511.49	440.79	367.59	293.95	221.96	153.40
Kuwait	94.57	98.85	98.78	94.54	86.93	76.21	62.29	45.01	24.35
Kyrgyzstan	13.73	15.50	17.35	19.21	21.07	22.98	24.97	26.98	28.95
Laos	39.80	42.02	43.81	44.99	45.63	45.79	45.34	44.19	42.29
Latvia	2.61	3.16	3.67	4.10	4.48	4.81	5.08	5.30	5.45
Lebanon	28.06	27.70	26.99	26.05	24.93	23.61	22.07	20.27	18.28
Lesotho	3.31	3.79	4.25	4.67	5.05	5.39	5.72	6.05	6.40
Liberia	83.75	83.39	81.37	77.84	72.54	65.18	55.60	43.74	29.57
Libya	82.28	82.68	81.08	77.66	72.70	66.41	58.73	49.61	39.15
Lithuania	14.32	13.81	13.27	12.67	12.01	11.33	10.65	9.97	9.30
Luxembourg	13.37	12.60	11.68	10.60	9.33	7.87	6.23	4.43	2.47
Macedonia, FYR	14.29	13.57	12.78	11.92	10.99	10.00	8.99	7.97	6.96
Madagascar	97.62	109.97	123.01	136.51	150.25	163.96	177.38	190.25	202.29
Malawi	34.41	42.16	51.16	61.37	72.74	85.22	98.78	113.38	128.92
Malaysia	859.29	830.57	786.86	726.12	646.98	549.71	435.71	306.39	162.74
Maldives	0.96	0.99	1.02	1.04	1.11	1.18	1.25	1.31	1.37
Mali	43.88	50.35	57.72	65.77	74.25	82.94	91.69	100.37	108.90
Malta	2.97	2.83	2.67	2.48	2.28	2.06	1.84	1.62	1.41
Mauritania	14.47	15.86	17.24	18.58	19.86	21.05	22.15	23.14	23.99
Mauritius	6.79	6.74	6.64	6.49	6.29	6.05	5.75	5.42	5.07
Mexico	846.02	831.84	809.61	778.74	739.06	690.85	635.06	572.70	504.78
Moldova	12.46	12.55	12.59	12.54	12.41	12.22	11.99	11.72	11.42
Mongolia	36.21	35.36	33.87	31.69	28.91	25.66	22.00	17.96	13.60
Morocco	98.08	105.19	112.28	119.21	125.89	132.25	138.26	143.85	148.96
Mozambique	30.39	39.95	51.07	63.68	77.72	93.20	110.29	129.14	149.88
Myanmar	509.94	485.20	455.14	420.11	380.88	338.10	292.61	245.30	197.00
Namibia	14.67	14.31	13.68	12.84	11.85	10.78	9.67	8.58	7.53

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Nauru	0.12	0.12	0.12	0.12	0.11	0.11	0.10	0.09	0.08
Nepal	210.99	215.06	217.05	215.10	210.05	201.84	190.73	177.23	161.68
Netherlands	236.60	218.14	198.41	177.54	155.47	132.32	108.44	84.39	60.62
New Zealand	82.25	77.11	71.09	64.17	56.34	47.70	38.43	28.70	18.67
Nicaragua	74.29	73.52	71.50	68.17	63.49	57.55	50.47	42.34	33.29
Niger	15.06	24.21	36.30	51.93	71.63	95.76	124.46	157.76	195.55
Nigeria	821.71	865.68	903.04	932.75	954.36	967.49	971.73	967.42	955.21
Niue	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
Norway	51.42	47.85	44.17	40.32	36.18	31.72	27.06	22.31	17.58
Oman	39.75	41.83	43.04	43.20	42.15	39.77	36.02	30.93	24.53
Pakistan	343.07	402.93	467.68	537.54	612.01	689.40	767.95	847.16	926.67
Palau	0.12	0.11	0.11	0.11	0.10	0.10	0.09	0.09	0.08
Panama	66.94	64.45	60.83	56.08	50.21	43.27	35.40	26.75	17.50
Papua New Guinea	34.09	36.09	37.72	38.99	39.89	40.40	40.51	40.25	39.66
Paraguay	107.47	108.62	107.77	104.60	98.87	90.37	79.00	64.76	47.69
Peru	184.63	184.38	182.26	178.26	172.29	164.43	154.94	144.07	132.09
Philippines	254.60	289.49	326.17	364.30	403.67	443.95	484.64	525.26	565.37
Poland	469.46	425.71	380.40	333.66	286.50	240.08	195.21	152.31	111.66
Portugal	79.29	74.71	69.57	64.11	58.46	52.69	46.79	40.82	34.87
Qatar	53.25	48.81	43.80	38.38	32.49	26.11	19.24	11.88	3.98
Romania	179.62	164.96	149.91	134.76	119.80	105.20	90.96	77.07	63.62
Russian Federation	1,918.65	1,698.04	1,481.73	1,272.16	1,072.78	885.38	709.22	542.59	384.90
Rwanda	15.10	20.48	26.78	34.10	42.66	52.68	64.34	77.72	92.91
Saint Kitts & Nevis	0.19	0.20	0.21	0.21	0.22	0.22	0.22	0.23	0.23
Saint Lucia	0.95	0.93	0.89	0.86	0.82	0.77	0.72	0.66	0.60
Saint Vincent & Grenadines	0.47	0.45	0.44	0.43	0.42	0.41	0.40	0.38	0.37
Samoa	0.64	0.69	0.76	0.83	0.91	1.00	1.10	1.21	1.33
Sao Tome & Principe	0.31	0.41	0.52	0.65	0.79	0.94	1.10	1.27	1.45
Saudi Arabia	459.75	446.71	422.25	392.22	359.13	320.83	274.73	219.03	153.40
Senegal	32.20	38.85	46.30	54.54	63.53	73.28	83.73	94.78	106.33
Serbia & Montenegro	80.22	73.14	66.34	59.76	53.37	47.14	41.10	35.30	29.79
Seychelles	0.84	0.81	0.77	0.72	0.66	0.59	0.51	0.43	0.35
Sierra Leone	33.82	36.23	38.94	41.95	45.13	48.29	51.34	54.18	56.71
Singapore	59.15	55.80	51.58	46.59	40.96	34.85	28.45	22.00	15.71
Slovakia	85.35	77.43	69.08	60.37	51.48	42.61	33.90	25.41	17.24
Slovenia	33.02	29.48	25.83	22.16	18.54	15.04	11.70	8.54	5.59
Solomon Islands	0.46	0.72	1.00	1.33	1.70	2.09	2.52	2.96	3.43
South Africa	480.10	434.00	397.95	361.08	323.61	285.76	247.72	209.64	171.52
Spain	455.11	416.70	375.66	333.77	292.33	251.81	212.04	172.82	134.51

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Sri Lanka	83.97	85.87	87.14	87.81	88.00	87.76	87.05	85.79	84.04
Sudan	192.89	208.32	224.04	239.05	253.20	266.61	279.43	291.66	303.11
Suriname	4.21	4.10	3.95	3.75	3.51	3.22	2.89	2.52	2.13
Swaziland	2.41	2.81	3.22	3.65	4.08	4.51	4.94	5.37	5.79
Sweden	70.63	66.37	62.12	57.63	52.72	47.53	42.28	37.10	32.02
Switzerland	57.57	54.22	50.66	46.87	42.82	38.56	34.18	29.80	25.47
Syria	88.15	89.73	95.83	101.47	106.54	111.04	114.92	118.08	120.45
Taiwan	359.20	327.14	292.99	257.20	219.97	181.75	143.57	106.52	71.49
Tajikistan	9.64	12.69	16.07	19.70	23.57	27.68	32.00	36.47	41.00
Tanzania	103.77	120.61	137.63	154.47	171.25	188.14	205.17	222.28	239.42
Thailand	464.85	447.20	425.76	401.04	373.03	342.23	309.47	275.38	240.64
Togo	31.93	35.55	39.24	42.90	46.54	50.15	53.72	57.20	60.48
Tonga	0.21	0.25	0.29	0.34	0.39	0.43	0.48	0.53	0.58
Trinidad & Tobago	42.03	37.17	32.15	26.98	21.86	16.97	12.35	7.98	3.85
Tunisia	55.30	55.55	55.38	54.62	53.26	51.42	49.20	46.65	43.77
Turkey	458.09	461.10	458.72	451.33	439.38	423.20	402.96	379.04	351.97
Turkmenistan	89.94	85.71	80.51	73.92	65.83	56.52	46.34	35.49	24.07
Uganda	92.22	114.52	141.80	174.73	214.32	261.73	318.08	384.48	461.99
Ukraine	504.00	446.73	391.77	338.91	288.77	241.78	197.88	156.80	118.41
United Arab Emirates	191.74	197.44	193.47	179.47	157.41	129.47	97.62	63.44	28.31
United Kingdom	694.06	643.36	590.93	535.57	476.77	415.14	351.89	288.03	224.14
United States of America	6,375.51	5,997.34	5,562.84	5,063.97	4,496.59	3,860.64	3,157.23	2,386.78	1,548.46
Uruguay	7.62	8.33	9.05	9.77	10.49	11.18	11.82	12.41	12.95
Uzbekistan	234.30	227.48	219.24	208.61	195.07	179.02	161.17	142.00	121.73
Vanuatu	0.55	0.62	0.70	0.77	0.85	0.92	1.00	1.07	1.14
Venezuela	416.70	405.63	387.96	363.53	332.18	294.22	250.42	201.70	148.86
Vietnam	145.99	175.37	206.09	237.35	268.48	299.19	329.15	357.84	384.76
Yemen	41.05	52.92	66.05	80.29	95.65	112.15	129.70	148.05	166.90
Zambia	249.93	242.01	229.51	212.33	190.58	164.75	135.30	102.60	66.93
Zimbabwe	78.53	90.97	95.72	98.99	100.71	101.50	101.71	101.25	99.86
World Total	48,737.71	47,732.2	46,423.4	44,772.4	42,804.2	40,572.5	38,116.2	35,461.5	32,631.8
	6	1	6	5	9	6	1	3	

Appendix F2

550V Per Capita Emission Allocations: Contraction & Convergence Approach

(tCO₂-eq per person)

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	0.940	1.262	1.584	1.906	2.228	2.550	2.872	3.194	3.516
Albania	5.593	5.334	5.074	4.814	4.555	4.295	4.035	3.776	3.516
Algeria	5.829	5.540	5.251	4.962	4.673	4.383	4.094	3.805	3.516
Angola	5.102	4.903	4.705	4.507	4.309	4.111	3.912	3.714	3.516
Antigua & Barbuda	26.119	23.294	20.468	17.643	14.817	11.992	9.167	6.341	3.516
Argentina	10.467	9.598	8.729	7.860	6.991	6.123	5.254	4.385	3.516
Armenia	2.614	2.727	2.840	2.952	3.065	3.178	3.291	3.403	3.516
Australia	26.546	23.668	20.789	17.910	15.031	12.152	9.274	6.395	3.516
Austria	12.103	11.030	9.956	8.883	7.809	6.736	5.663	4.589	3.516
Azerbaijan	5.752	5.472	5.193	4.913	4.634	4.354	4.075	3.795	3.516
Bahamas	6.500	6.127	5.754	5.381	5.008	4.635	4.262	3.889	3.516
Bahrain	30.410	27.049	23.687	20.325	16.963	13.601	10.240	6.878	3.516
Bangladesh	0.819	1.156	1.493	1.830	2.167	2.504	2.842	3.179	3.516
Barbados	12.893	11.721	10.549	9.376	8.204	7.032	5.860	4.688	3.516
Belarus	7.710	7.186	6.662	6.137	5.613	5.089	4.564	4.040	3.516
Belgium	14.585	13.202	11.818	10.434	9.051	7.667	6.283	4.900	3.516
Belize	89.978	79.170	68.362	57.555	46.747	35.939	25.131	14.324	3.516
Benin	11.694	10.671	9.649	8.627	7.605	6.583	5.560	4.538	3.516
Bhutan	2.626	2.737	2.848	2.959	3.071	3.182	3.293	3.405	3.516
Bolivia	9.960	9.155	8.349	7.544	6.738	5.932	5.127	4.321	3.516
Bosnia & Herzegovina	6.205	5.869	5.533	5.197	4.861	4.524	4.188	3.852	3.516
Botswana	15.227	13.763	12.299	10.835	9.371	7.907	6.444	4.980	3.516
Brazil	9.095	8.398	7.700	7.003	6.305	5.608	4.911	4.213	3.516
Brunei	24.501	21.878	19.255	16.632	14.009	11.385	8.762	6.139	3.516
Bulgaria	12.529	11.403	10.276	9.149	8.023	6.896	5.769	4.643	3.516
Burkina Faso	1.353	1.623	1.894	2.164	2.434	2.705	2.975	3.246	3.516
Burundi	1.061	1.368	1.675	1.982	2.289	2.595	2.902	3.209	3.516
Cambodia	4.863	4.695	4.527	4.358	4.190	4.021	3.853	3.684	3.516
Cameroon	10.119	9.294	8.468	7.643	6.818	5.992	5.167	4.341	3.516

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Canada	24.434	21.819	19.205	16.590	13.975	11.360	8.745	6.131	3.516
Cape Verde	1.230	1.516	1.801	2.087	2.373	2.659	2.944	3.230	3.516
Central African Republic	9.704	8.931	8.157	7.384	6.610	5.837	5.063	4.289	3.516
Chad	2.598	2.713	2.827	2.942	3.057	3.172	3.286	3.401	3.516
Chile	6.956	6.526	6.096	5.666	5.236	4.806	4.376	3.946	3.516
China	5.898	5.600	5.302	5.005	4.707	4.409	4.111	3.814	3.516
Colombia	5.523	5.272	5.021	4.770	4.519	4.268	4.018	3.767	3.516
Comoros	1.264	1.546	1.827	2.109	2.390	2.672	2.953	3.234	3.516
Congo	7.572	7.065	6.558	6.051	5.544	5.037	4.530	4.023	3.516
Congo, Dem. Republic	11.007	10.070	9.134	8.198	7.261	6.325	5.389	4.452	3.516
Cook Islands	1.851	2.059	2.267	2.475	2.683	2.891	3.100	3.308	3.516
Costa Rica	5.387	5.153	4.919	4.686	4.452	4.218	3.984	3.750	3.516
Côte d'Ivoire	11.419	10.431	9.443	8.455	7.468	6.480	5.492	4.504	3.516
Croatia	8.525	7.898	7.272	6.646	6.020	5.394	4.768	4.142	3.516
Cuba	4.472	4.352	4.233	4.113	3.994	3.874	3.755	3.635	3.516
Cyprus	13.095	11.898	10.700	9.503	8.306	7.108	5.911	4.713	3.516
Czech Republic	17.266	15.547	13.828	12.109	10.391	8.672	6.953	5.235	3.516
Denmark	12.591	11.457	10.322	9.188	8.053	6.919	5.785	4.650	3.516
Djibouti	2.325	2.474	2.623	2.772	2.921	3.069	3.218	3.367	3.516
Dominica	3.486	3.490	3.494	3.497	3.501	3.505	3.508	3.512	3.516
Dominican Republic	3.611	3.599	3.587	3.575	3.563	3.552	3.540	3.528	3.516
Ecuador	6.125	5.799	5.473	5.147	4.820	4.494	4.168	3.842	3.516
Egypt	3.342	3.364	3.386	3.408	3.429	3.451	3.473	3.494	3.516
El Salvador	2.891	2.969	3.047	3.125	3.203	3.281	3.360	3.438	3.516
Equatorial Guinea	20.555	18.425	16.295	14.165	12.036	9.906	7.776	5.646	3.516
Eritrea	2.107	2.283	2.459	2.635	2.811	2.987	3.164	3.340	3.516
Estonia	12.289	11.192	10.096	8.999	7.903	6.806	5.709	4.613	3.516
Ethiopia	1.143	1.440	1.736	2.033	2.329	2.626	2.923	3.219	3.516
Fiji	3.662	3.644	3.626	3.607	3.589	3.571	3.552	3.534	3.516
Finland	14.121	12.796	11.470	10.144	8.819	7.493	6.167	4.842	3.516
France	9.327	8.600	7.874	7.148	6.421	5.695	4.969	4.242	3.516
Gabon	13.348	12.119	10.890	9.661	8.432	7.203	5.974	4.745	3.516
Gambia	1.259	1.541	1.823	2.105	2.387	2.669	2.952	3.234	3.516
Georgia	2.363	2.507	2.651	2.795	2.939	3.084	3.228	3.372	3.516
Germany	12.950	11.771	10.592	9.413	8.233	7.054	5.875	4.695	3.516
Ghana	3.639	3.624	3.608	3.593	3.577	3.562	3.547	3.531	3.516
Greece	12.196	11.111	10.026	8.941	7.856	6.771	5.686	4.601	3.516
Grenada	10.834	9.920	9.005	8.090	7.175	6.260	5.346	4.431	3.516
Guatemala	6.882	6.461	6.040	5.619	5.199	4.778	4.357	3.937	3.516
Guinea	3.845	3.804	3.763	3.721	3.680	3.639	3.598	3.557	3.516
Guinea-Bissau	3.065	3.121	3.177	3.234	3.290	3.347	3.403	3.459	3.516

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Guyana	29.532	26.280	23.028	19.776	16.524	13.272	10.020	6.768	3.516
Haiti	1.314	1.590	1.865	2.140	2.415	2.690	2.966	3.241	3.516
Honduras	4.860	4.692	4.524	4.356	4.188	4.020	3.852	3.684	3.516
Hungary	10.548	9.669	8.790	7.911	7.032	6.153	5.274	4.395	3.516
Iceland	11.366	10.385	9.404	8.423	7.441	6.460	5.479	4.497	3.516
India	2.007	2.196	2.384	2.573	2.762	2.950	3.139	3.327	3.516
Indonesia	13.088	11.891	10.695	9.498	8.302	7.105	5.909	4.712	3.516
Iran	10.003	9.192	8.381	7.571	6.760	5.949	5.138	4.327	3.516
Iraq	4.468	4.349	4.230	4.111	3.992	3.873	3.754	3.635	3.516
Ireland	15.893	14.345	12.798	11.251	9.704	8.157	6.610	5.063	3.516
Israel	13.634	12.369	11.104	9.839	8.575	7.310	6.045	4.781	3.516
Italy	10.447	9.580	8.714	7.848	6.981	6.115	5.249	4.382	3.516
Jamaica	28.293	25.196	22.099	19.002	15.904	12.807	9.710	6.613	3.516
Japan	11.253	10.286	9.319	8.352	7.385	6.417	5.450	4.483	3.516
Jordan	5.152	4.947	4.743	4.538	4.334	4.129	3.925	3.720	3.516
Kazakhstan	13.827	12.538	11.249	9.960	8.672	7.383	6.094	4.805	3.516
Kenya	1.730	1.954	2.177	2.400	2.623	2.846	3.070	3.293	3.516
Kiribati	0.125	0.549	0.973	1.397	1.820	2.244	2.668	3.092	3.516
Korea (North)	5.870	5.576	5.282	4.987	4.693	4.399	4.104	3.810	3.516
Korea (South)	14.367	13.011	11.654	10.298	8.941	7.585	6.229	4.872	3.516
Kuwait	31.254	27.787	24.319	20.852	17.385	13.918	10.450	6.983	3.516
Kyrgyzstan	2.494	2.622	2.750	2.877	3.005	3.133	3.261	3.388	3.516
Laos	6.245	5.904	5.563	5.222	4.881	4.539	4.198	3.857	3.516
Latvia	1.170	1.463	1.756	2.050	2.343	2.636	2.929	3.223	3.516
Lebanon	6.599	6.213	5.828	5.443	5.057	4.672	4.287	3.901	3.516
Lesotho	1.660	1.892	2.124	2.356	2.588	2.820	3.052	3.284	3.516
Liberia	19.982	17.924	15.866	13.807	11.749	9.691	7.632	5.574	3.516
Libya	12.432	11.317	10.203	9.088	7.974	6.859	5.745	4.630	3.516
Lithuania	4.254	4.162	4.070	3.977	3.885	3.793	3.700	3.608	3.516
Luxembourg	27.545	24.542	21.538	18.534	15.531	12.527	9.523	6.520	3.516
Macedonia, FYR	6.935	6.508	6.080	5.653	5.226	4.798	4.371	3.943	3.516
Madagascar	4.506	4.382	4.258	4.135	4.011	3.887	3.763	3.640	3.516
Malawi	2.272	2.428	2.583	2.739	2.894	3.050	3.205	3.360	3.516
Malaysia	30.687	27.291	23.894	20.498	17.102	13.705	10.309	6.912	3.516
Maldives	2.776	2.869	2.961	3.054	3.146	3.239	3.331	3.423	3.516
Mali	3.324	3.348	3.372	3.396	3.420	3.444	3.468	3.492	3.516
Malta	7.192	6.732	6.273	5.813	5.354	4.894	4.435	3.975	3.516
Mauritania	4.325	4.224	4.123	4.022	3.921	3.819	3.718	3.617	3.516
Mauritius	5.245	5.028	4.812	4.596	4.380	4.164	3.948	3.732	3.516
Mexico	7.749	7.220	6.691	6.162	5.633	5.103	4.574	4.045	3.516
Moldova	3.232	3.267	3.303	3.338	3.374	3.409	3.445	3.480	3.516

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Mongolia	13.163	11.958	10.752	9.546	8.340	7.134	5.928	4.722	3.516
Morocco	3.076	3.131	3.186	3.241	3.296	3.351	3.406	3.461	3.516
Mozambique	1.352	1.622	1.893	2.163	2.434	2.704	2.975	3.245	3.516
Myanmar	10.211	9.375	8.538	7.701	6.864	6.027	5.190	4.353	3.516
Namibia	6.922	6.496	6.070	5.644	5.219	4.793	4.367	3.942	3.516
Nauru	8.254	7.662	7.070	6.477	5.885	5.293	4.700	4.108	3.516
Nepal	7.288	6.816	6.345	5.873	5.402	4.930	4.459	3.987	3.516
Netherlands	14.173	12.841	11.509	10.177	8.845	7.512	6.180	4.848	3.516
New Zealand	18.942	17.013	15.085	13.157	11.229	9.301	7.372	5.444	3.516
Nicaragua	12.404	11.293	10.182	9.071	7.960	6.849	5.738	4.627	3.516
Niger	0.943	1.265	1.587	1.908	2.230	2.551	2.873	3.194	3.516
Nigeria	5.251	5.034	4.817	4.600	4.383	4.166	3.950	3.733	3.516
Niue	1.055	1.363	1.670	1.978	2.285	2.593	2.901	3.208	3.516
Norway	10.925	9.999	9.073	8.147	7.221	6.294	5.368	4.442	3.516
Oman	13.506	12.257	11.008	9.759	8.511	7.262	6.013	4.765	3.516
Pakistan	2.030	2.215	2.401	2.587	2.773	2.959	3.144	3.330	3.516
Palau	5.727	5.451	5.174	4.898	4.621	4.345	4.069	3.792	3.516
Panama	19.160	17.205	15.249	13.294	11.338	9.383	7.427	5.471	3.516
Papua New Guinea	5.037	4.847	4.657	4.467	4.277	4.086	3.896	3.706	3.516
Paraguay	16.156	14.576	12.996	11.416	9.836	8.256	6.676	5.096	3.516
Peru	6.349	5.995	5.641	5.287	4.933	4.578	4.224	3.870	3.516
Philippines	2.725	2.824	2.923	3.022	3.121	3.219	3.318	3.417	3.516
Poland	12.331	11.229	10.127	9.025	7.923	6.822	5.720	4.618	3.516
Portugal	7.398	6.912	6.427	5.942	5.457	4.972	4.486	4.001	3.516
Qatar	62.500	55.127	47.754	40.381	33.008	25.635	18.262	10.889	3.516
Romania	8.358	7.753	7.148	6.542	5.937	5.332	4.727	4.121	3.516
Russian Federation	13.729	12.452	11.175	9.899	8.622	7.346	6.069	4.792	3.516
Rwanda	1.422	1.684	1.945	2.207	2.469	2.731	2.992	3.254	3.516
Saint Kitts & Nevis	3.841	3.801	3.760	3.719	3.679	3.638	3.597	3.557	3.516
Saint Lucia	5.657	5.389	5.121	4.854	4.586	4.319	4.051	3.783	3.516
Saint Vincent & Grenadines	3.997	3.937	3.877	3.817	3.757	3.696	3.636	3.576	3.516
Samoa	3.256	3.289	3.321	3.354	3.386	3.419	3.451	3.483	3.516
Sao Tome & Principe	1.758	1.977	2.197	2.417	2.637	2.857	3.076	3.296	3.516
Saudi Arabia	17.978	16.170	14.363	12.555	10.747	8.939	7.131	5.324	3.516
Senegal	2.385	2.526	2.668	2.809	2.950	3.092	3.233	3.375	3.516
Serbia & Montenegro	7.567	7.060	6.554	6.048	5.541	5.035	4.529	4.022	3.516
Seychelles	9.626	8.862	8.099	7.335	6.571	5.807	5.043	4.280	3.516
Sierra Leone	5.434	5.194	4.954	4.714	4.475	4.235	3.995	3.756	3.516
Singapore	13.053	11.861	10.669	9.476	8.284	7.092	5.900	4.708	3.516
Slovakia	15.731	14.204	12.677	11.150	9.623	8.096	6.570	5.043	3.516
Slovenia	16.568	14.937	13.305	11.674	10.042	8.411	6.779	5.147	3.516

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Solomon Islands	0.868	1.199	1.530	1.861	2.192	2.523	2.854	3.185	3.516
South Africa	9.899	9.101	8.304	7.506	6.708	5.910	5.112	4.314	3.516
Spain	10.433	9.569	8.704	7.839	6.975	6.110	5.245	4.381	3.516
Sri Lanka	4.069	4.000	3.931	3.861	3.792	3.723	3.654	3.585	3.516
Sudan	4.702	4.554	4.406	4.257	4.109	3.961	3.813	3.664	3.516
Suriname	8.814	8.152	7.489	6.827	6.165	5.503	4.840	4.178	3.516
Swaziland	1.985	2.177	2.368	2.559	2.751	2.942	3.133	3.325	3.516
Sweden	7.765	7.234	6.703	6.172	5.640	5.109	4.578	4.047	3.516
Switzerland	7.605	7.094	6.583	6.071	5.560	5.049	4.538	4.027	3.516
Syria	3.901	3.853	3.805	3.757	3.709	3.660	3.612	3.564	3.516
Taiwan	15.469	13.975	12.481	10.986	9.492	7.998	6.504	5.010	3.516
Tajikistan	1.340	1.612	1.884	2.156	2.428	2.700	2.972	3.244	3.516
Tanzania	2.431	2.567	2.703	2.838	2.974	3.109	3.245	3.380	3.516
Thailand	7.139	6.686	6.233	5.780	5.327	4.875	4.422	3.969	3.516
Togo	4.459	4.341	4.223	4.105	3.987	3.870	3.752	3.634	3.516
Tonga	1.957	2.152	2.346	2.541	2.736	2.931	3.126	3.321	3.516
Trinidad & Tobago	31.955	28.400	24.845	21.290	17.735	14.180	10.626	7.071	3.516
Tunisia	5.248	5.032	4.815	4.599	4.382	4.166	3.949	3.732	3.516
Turkey	5.937	5.635	5.332	5.029	4.727	4.424	4.121	3.819	3.516
Turkmenistan	17.567	15.811	14.054	12.298	10.542	8.785	7.029	5.272	3.516
Uganda	2.690	2.793	2.896	3.000	3.103	3.206	3.309	3.413	3.516
Ukraine	11.063	10.120	9.176	8.233	7.290	6.346	5.403	4.459	3.516
United Arab Emirates	38.373	34.016	29.659	25.301	20.944	16.587	12.230	7.873	3.516
United Kingdom	11.366	10.384	9.403	8.422	7.441	6.460	5.478	4.497	3.516
United States of America	20.485	18.364	16.243	14.122	12.001	9.879	7.758	5.637	3.516
Uruguay	2.250	2.408	2.566	2.725	2.883	3.041	3.199	3.358	3.516
Uzbekistan	8.528	7.901	7.275	6.648	6.022	5.395	4.769	4.142	3.516
Vanuatu	2.371	2.515	2.658	2.801	2.944	3.087	3.230	3.373	3.516
Venezuela	14.554	13.174	11.794	10.414	9.035	7.655	6.275	4.896	3.516
Vietnam	1.656	1.888	2.121	2.353	2.586	2.818	3.051	3.283	3.516
Yemen	1.685	1.914	2.143	2.372	2.600	2.829	3.058	3.287	3.516
Zambia	20.075	18.005	15.935	13.865	11.795	9.725	7.656	5.586	3.516
Zimbabwe	5.979	5.672	5.364	5.056	4.748	4.440	4.132	3.824	3.516

Appendix F3

550V Total Emission Allocations: Common but Differentiated Convergence Approach (MtCO₂-eq)

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	32.07	40.45	52.48	58.89	62.34	64.89	71.28	78.65	82.26
Albania	18.12	22.20	26.19	27.61	28.75	28.30	26.94	23.36	19.72
Algeria	203.43	270.34	341.74	432.94	405.29	351.74	293.39	231.47	166.92
Angola	91.66	74.13	57.04	55.53	67.07	71.54	76.04	80.62	82.65
Antigua & Barbuda	2.31	2.08	1.80	1.46	1.08	0.65	0.56	0.49	0.44
Argentina	427.95	474.03	437.25	394.15	345.39	291.56	238.14	208.45	186.05
Armenia	7.85	8.54	9.30	10.26	11.11	11.79	12.25	12.40	12.27
Australia	575.90	512.81	438.40	352.94	256.93	151.74	130.42	114.57	102.85
Austria	100.00	89.34	78.52	67.50	56.28	45.02	36.95	31.01	26.60
Azerbaijan	50.00	55.54	61.75	67.04	71.66	75.83	76.74	67.50	57.77
Bahamas	2.20	2.12	2.08	2.41	2.70	2.99	2.95	2.58	2.19
Bahrain	23.61	20.97	17.83	14.17	10.03	5.47	4.67	4.07	3.63
Bangladesh	133.98	138.85	150.87	188.07	229.39	274.11	326.12	371.46	397.33
Barbados	3.84	3.46	3.06	2.64	2.19	1.73	1.43	1.20	1.03
Belarus	73.86	74.48	78.08	89.53	88.41	73.42	59.10	45.44	32.49
Belgium	153.71	135.14	116.24	97.10	77.75	58.35	48.18	40.69	35.13
Belize	29.38	26.36	22.16	16.79	10.28	2.72	2.40	2.16	1.98
Benin	115.60	119.44	120.74	118.91	113.34	103.52	95.33	89.24	84.89
Bhutan	1.79	2.39	3.03	3.57	4.21	4.89	5.71	5.85	5.22
Bolivia	100.27	55.14	7.72	-21.87	-51.00	-80.12	53.57	144.01	125.96
Bosnia & Herzegovina	24.47	27.30	29.97	33.32	35.06	32.87	27.35	22.03	16.96
Botswana	30.83	28.96	26.23	22.85	18.89	14.52	12.54	11.10	10.07
Brazil	1,808.11	1,260.86	682.90	347.73	-12.05	-424.14	1,753.83	2,303.00	1,948.36
Brunei	10.02	9.22	8.15	6.79	5.16	3.25	2.85	2.55	2.32
Bulgaria	93.05	79.48	66.56	54.38	43.06	32.65	25.73	20.71	16.99
Burkina Faso	22.02	19.91	16.89	21.39	25.00	29.31	34.70	40.67	47.04
Burundi	10.08	14.15	15.31	16.29	17.89	19.84	23.31	28.96	37.14
Cambodia	74.03	76.10	103.63	94.56	101.77	95.04	88.83	86.26	91.32

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Cameroon	201.28	272.75	240.42	272.85	253.13	226.98	194.54	156.08	126.53
Canada	822.99	723.67	613.38	491.88	360.03	219.64	186.67	162.27	144.30
Cape Verde	0.64	0.73	0.86	1.16	1.52	1.94	2.39	2.83	2.67
Central African Republic	43.88	48.34	40.15	51.19	50.27	52.23	46.30	39.83	32.87
Chad	29.56	32.44	30.39	38.34	41.55	48.03	55.40	61.93	68.04
Chile	118.68	142.82	167.49	195.96	191.33	165.03	137.06	108.09	78.62
China	7,936.61	8,756.66	9,336.64	10,794.9 9	12,408.7 2	13,024.1 6	11,188.6 5	9,333.81	7,470.96
Colombia	264.48	252.71	236.00	236.26	233.82	223.53	405.40	424.48	365.98
Comoros	0.87	1.49	2.23	2.94	3.78	4.61	5.71	6.99	8.58
Congo	31.29	36.52	28.69	36.38	31.88	36.46	41.54	46.82	51.75
Congo, Dem. Republic	758.20	1,051.20	912.87	1,134.80	951.37	965.12	934.79	876.84	789.59
Cook Islands	0.03	0.06	0.09	0.10	0.10	0.09	0.07	0.06	0.04
Costa Rica	25.01	23.33	21.87	50.90	50.93	49.12	45.05	39.49	33.51
Côte d'Ivoire	236.21	234.61	227.64	215.13	197.20	174.06	154.15	139.23	128.17
Croatia	37.80	44.26	48.18	41.40	34.60	27.89	21.37	15.77	13.43
Cuba	51.03	59.93	68.85	105.18	115.76	103.18	85.47	67.96	50.98
Cyprus	10.83	10.34	9.59	8.57	7.31	5.87	4.95	4.23	3.67
Czech Republic	176.02	151.13	126.03	100.92	76.24	52.39	42.53	35.33	30.01
Denmark	69.24	62.27	55.07	47.66	39.93	31.91	26.49	22.49	19.54
Djibouti	2.08	2.63	3.42	4.77	6.28	7.82	9.61	10.32	9.45
Dominica	0.25	0.30	0.35	0.41	0.45	0.49	0.52	0.44	0.36
Dominican Republic	36.85	46.73	56.89	65.46	73.71	81.48	86.76	88.75	83.71
Ecuador	86.60	74.11	61.56	55.06	47.05	36.37	136.68	156.60	135.25
Egypt	270.11	326.42	392.40	485.66	593.14	718.36	863.52	835.89	759.29
El Salvador	20.98	23.59	26.40	40.99	43.32	44.73	44.91	44.03	41.59
Equatorial Guinea	11.41	11.10	10.39	9.24	7.59	5.43	4.93	4.56	4.28
Eritrea	10.90	18.03	27.20	38.64	51.86	66.72	68.13	62.09	54.58
Estonia	16.02	13.81	11.67	9.60	7.64	5.84	4.61	3.72	3.06
Ethiopia	100.87	133.77	170.87	215.60	269.11	323.15	395.08	483.64	589.33
Fiji	3.25	3.20	3.22	3.44	3.46	3.46	3.48	3.44	3.45
Finland	74.53	65.72	56.70	47.47	38.11	28.75	23.57	19.79	17.02
France	584.51	620.99	653.92	681.72	697.19	605.87	510.98	413.41	314.70
Gabon	19.08	18.61	17.78	16.59	14.97	12.84	11.73	10.98	10.50
Gambia	2.33	3.51	4.35	5.90	7.14	8.71	10.47	12.01	13.41
Georgia	10.40	12.35	14.16	15.49	16.75	17.62	18.26	18.50	18.31
Germany	1,066.09	941.00	815.05	688.40	562.08	437.64	358.83	301.30	258.91
Ghana	90.47	122.72	119.68	154.60	157.37	188.45	222.70	245.46	226.07
Greece	136.46	121.97	106.81	91.42	76.11	60.98	50.38	42.56	36.73
Grenada	1.18	1.27	1.13	0.98	0.82	0.65	0.52	0.44	0.37

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Guatemala	97.29	78.89	60.85	219.09	201.38	178.67	151.35	119.78	84.35
Guinea	39.04	46.99	41.35	52.79	51.91	61.48	72.44	83.86	94.59
Guinea-Bissau	5.42	7.40	7.84	10.20	11.10	13.13	15.40	17.39	18.05
Guyana	21.04	2.68	-15.74	-28.15	-40.65	-53.92	-28.80	-22.03	-14.97
Haiti	13.39	12.50	11.69	18.40	19.10	19.33	19.07	18.48	17.59
Honduras	36.89	32.06	27.43	77.72	77.06	73.29	68.53	62.98	56.07
Hungary	105.05	104.24	90.75	77.48	64.44	51.78	41.56	34.72	29.68
Iceland	3.51	3.26	2.98	2.67	2.32	1.95	1.64	1.41	1.23
India	2,362.46	3,056.76	3,871.02	4,962.53	6,301.29	7,812.60	9,385.12	10,261.24	9,276.35
Indonesia	3,064.06	2,855.73	2,600.52	2,304.64	1,971.62	1,602.35	1,370.83	1,194.83	1,060.46
Iran	715.65	825.36	765.56	689.01	597.50	497.73	401.81	347.40	305.76
Iraq	132.58	145.03	159.94	188.03	221.91	258.90	294.39	318.53	309.94
Ireland	69.96	64.12	56.98	48.70	39.52	29.64	25.33	22.10	19.65
Israel	102.95	97.98	90.68	81.24	69.91	56.79	49.29	43.54	39.09
Italy	612.12	652.82	590.43	504.61	420.37	337.89	257.30	209.48	178.70
Jamaica	78.16	67.99	56.87	44.86	31.90	18.06	15.45	13.53	12.13
Japan	1,429.60	1,264.52	1,095.16	927.06	764.39	609.35	485.85	395.96	329.96
Jordan	34.06	46.78	60.82	73.21	86.48	88.46	80.62	70.77	58.87
Kazakhstan	213.23	191.47	167.83	142.14	115.33	88.35	72.99	61.61	52.95
Kenya	70.66	92.25	115.86	152.78	197.36	249.83	319.80	408.68	374.70
Kiribati	0.01	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Korea (North)	142.12	165.25	183.50	208.41	235.46	223.92	189.98	155.61	121.30
Korea (South)	702.96	623.13	539.07	451.97	362.04	270.81	220.36	182.34	153.40
Kuwait	94.57	92.93	85.25	71.88	53.61	30.60	27.83	25.80	24.35
Kyrgyzstan	13.73	18.28	22.93	25.41	27.58	29.30	30.39	30.68	30.12
Laos	39.80	41.48	54.17	51.01	54.54	51.96	49.53	48.88	51.42
Latvia	2.61	-0.09	-0.62	2.69	4.56	3.77	3.97	4.40	4.59
Lebanon	28.06	36.40	44.54	51.97	46.28	40.04	33.22	25.90	18.28
Lesotho	3.31	4.06	5.03	6.33	7.73	9.08	10.36	11.61	10.17
Liberia	83.75	79.58	72.95	63.96	52.27	37.59	34.02	31.41	29.57
Libya	82.28	80.82	77.04	71.14	63.43	54.10	47.73	42.89	39.15
Lithuania	14.32	13.96	15.32	19.44	22.26	22.47	21.39	17.83	14.46
Luxembourg	13.37	11.89	10.18	8.22	6.00	3.51	3.05	2.72	2.47
Macedonia, FYR	14.29	17.72	21.17	23.02	19.85	16.59	13.33	10.10	6.96
Madagascar	97.62	122.17	120.22	116.60	116.51	114.85	119.39	126.92	148.73
Malawi	34.41	36.26	37.47	25.81	32.16	27.73	23.34	19.31	14.47
Malaysia	859.29	781.16	679.94	553.60	401.31	224.14	197.35	177.42	162.74
Maldives	0.96	1.18	1.45	1.87	2.41	3.02	2.87	2.51	2.12
Mali	43.88	48.28	41.70	52.49	52.85	60.49	68.56	74.86	80.25

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Malta	2.97	3.07	3.14	3.22	3.23	3.16	3.06	2.64	2.23
Mauritania	14.47	13.32	12.36	16.03	19.99	24.37	29.21	33.45	36.96
Mauritius	6.79	10.41	15.28	14.91	12.89	10.72	8.44	6.12	5.07
Mexico	846.02	944.35	1,043.38	1,353.10	1,210.57	1,048.58	869.91	677.56	504.78
Moldova	12.46	12.75	13.10	14.48	15.69	16.71	17.40	17.60	17.32
Mongolia	36.21	34.44	31.93	28.61	24.62	20.10	17.33	15.23	13.60
Morocco	98.08	116.58	137.38	166.76	202.91	244.93	294.39	264.87	232.70
Mozambique	30.39	29.47	29.08	28.96	35.26	37.67	40.35	43.91	46.49
Myanmar	509.94	541.65	542.52	481.69	415.20	344.17	269.95	225.56	197.00
Namibia	14.67	17.02	19.78	22.63	22.44	18.90	15.34	11.87	8.52
Nauru	0.12	0.13	0.14	0.15	0.15	0.15	0.15	0.14	0.12
Nepal	210.99	246.46	326.67	344.44	316.01	272.38	260.20	277.14	254.58
Netherlands	236.60	211.60	185.14	157.40	128.41	98.43	81.93	69.68	60.62
New Zealand	82.25	73.75	64.09	53.30	41.44	28.66	24.34	21.10	18.67
Nicaragua	74.29	54.23	34.24	35.33	36.10	36.57	36.74	36.63	33.29
Niger	15.06	17.91	20.02	26.37	31.87	38.04	45.37	52.54	59.05
Nigeria	821.71	1,117.25	1,197.86	1,860.63	2,063.32	2,057.40	1,882.01	1,668.73	1,420.37
Niue	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Norway	51.42	50.12	45.14	39.94	34.41	28.56	23.54	20.11	17.58
Oman	39.75	40.68	40.42	38.75	35.51	30.60	27.97	25.98	24.53
Pakistan	343.07	422.81	524.70	634.89	757.99	890.08	1,036.32	1,166.84	1,230.14
Palau	0.12	0.14	0.15	0.16	0.17	0.17	0.17	0.15	0.12
Panama	66.94	56.39	51.33	45.06	37.63	29.12	22.26	19.57	17.50
Papua New Guinea	34.09	-155.55	-236.60	-260.71	-295.96	-302.13	-261.13	-294.11	-230.59
Paraguay	107.47	104.65	98.92	89.93	77.41	61.17	55.25	50.87	47.69
Peru	184.63	110.53	36.16	-6.47	-51.48	-105.08	190.07	271.65	234.16
Philippines	254.60	287.65	367.24	388.90	444.42	476.99	507.70	534.47	554.66
Poland	469.46	416.36	361.87	306.30	250.82	196.66	159.36	132.02	111.66
Portugal	79.29	84.56	89.51	96.28	101.13	95.84	80.31	64.85	49.71
Qatar	53.25	45.26	36.45	26.95	16.70	5.69	4.92	4.37	3.98
Romania	179.62	221.24	231.38	196.84	163.05	130.33	98.71	74.85	63.62
Russian Federation	1,918.65	1,650.10	1,388.52	1,136.64	897.84	673.53	545.64	453.16	384.90
Rwanda	15.10	21.18	25.06	29.93	36.20	43.65	54.49	69.71	89.79
Saint Kitts & Nevis	0.19	0.28	0.38	0.44	0.49	0.53	0.47	0.41	0.34
Saint Lucia	0.95	1.41	1.88	1.83	1.58	1.31	1.04	0.76	0.60
Saint Vincent & Grenadines	0.47	0.62	0.77	0.86	0.93	0.98	0.84	0.70	0.56
Samoa	0.64	0.82	1.04	1.13	1.13	1.13	1.14	1.12	1.14
Sao Tome & Principe	0.31	0.45	0.62	0.84	1.09	1.38	1.69	1.98	2.22
Saudi Arabia	459.75	428.20	382.84	329.41	269.54	200.56	179.88	164.68	153.40

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Senegal	32.20	42.69	50.25	67.24	83.66	108.46	139.03	173.08	172.65
Serbia & Montenegro	80.22	95.04	108.60	101.72	84.90	68.70	53.18	38.45	29.79
Seychelles	0.84	1.01	0.93	0.83	0.71	0.59	0.47	0.40	0.35
Sierra Leone	33.82	45.44	39.33	49.61	50.40	52.78	54.75	56.16	56.85
Singapore	59.15	54.39	48.67	42.16	35.01	27.46	22.52	18.70	15.71
Slovakia	85.35	74.69	63.61	52.22	40.74	29.41	24.09	20.17	17.24
Slovenia	33.02	28.36	23.64	18.94	14.37	9.99	8.06	6.64	5.59
Solomon Islands	0.46	0.34	0.33	0.34	0.31	0.30	0.33	0.27	0.32
South Africa	480.10	535.34	474.18	411.87	348.76	285.12	226.27	194.51	171.52
Spain	455.11	477.88	463.16	396.86	331.56	267.91	205.77	157.91	134.51
Sri Lanka	83.97	111.27	150.83	172.49	186.36	198.92	183.12	157.11	130.12
Sudan	192.89	236.23	279.37	343.39	425.34	514.57	544.79	510.41	464.81
Suriname	4.21	4.20	4.17	4.78	5.32	5.31	4.63	3.90	3.13
Swaziland	2.41	3.56	4.85	5.40	7.35	8.55	9.68	10.33	9.29
Sweden	70.63	75.20	79.52	84.06	86.95	84.30	71.70	59.27	47.05
Switzerland	57.57	60.69	63.23	66.07	67.27	67.74	57.98	48.29	38.79
Syria	88.15	107.11	128.61	151.69	178.06	205.71	227.55	214.34	191.92
Taiwan	359.20	315.86	270.36	223.35	175.29	126.98	103.07	85.10	71.49
Tajikistan	9.64	10.01	10.31	12.58	14.84	16.59	18.22	18.78	19.19
Tanzania	103.77	118.02	136.38	154.14	185.10	205.03	225.01	247.67	261.04
Thailand	464.85	545.03	657.51	754.52	658.43	556.85	452.10	346.08	240.64
Togo	31.93	47.69	52.39	69.85	78.34	98.43	111.16	105.58	97.25
Tonga	0.21	0.21	0.22	0.23	0.23	0.23	0.23	0.22	0.22
Trinidad & Tobago	42.03	34.92	27.70	20.45	13.39	6.69	5.43	4.52	3.85
Tunisia	55.30	71.89	89.56	107.93	126.89	111.05	94.12	76.39	58.12
Turkey	458.09	517.49	555.10	639.40	760.86	847.18	747.61	638.90	523.23
Turkmenistan	89.94	82.24	73.19	62.39	49.86	35.95	30.79	26.95	24.07
Uganda	92.22	141.22	177.62	202.95	235.32	265.14	323.37	433.64	599.52
Ukraine	504.00	440.04	378.82	320.18	264.75	212.90	171.02	140.74	118.41
United Arab Emirates	191.74	184.67	164.77	132.66	91.28	43.62	37.27	32.25	28.31
United Kingdom	694.06	632.56	569.02	502.31	432.09	359.13	299.92	256.36	224.14
United States of America	6,375.51	5,717.05	4,974.96	4,140.67	3,210.23	2,183.70	1,900.17	1,694.74	1,548.46
Uruguay	7.62	-1.78	-13.38	-19.79	-26.85	-34.64	4.64	31.53	26.62
Uzbekistan	234.30	300.36	329.42	297.37	259.91	217.99	172.91	137.20	121.73
Vanuatu	0.55	0.63	0.73	0.76	0.77	0.77	0.77	0.77	0.77
Venezuela	416.70	392.90	360.77	320.24	271.38	214.77	186.33	164.91	148.86
Vietnam	145.99	170.11	222.45	250.25	298.05	332.29	365.94	393.15	407.35
Yemen	41.05	45.19	49.61	57.54	66.25	75.48	84.38	91.07	94.49
Zambia	249.93	248.17	236.69	112.23	144.61	84.05	48.64	51.18	53.70
Zimbabwe	78.53	83.76	88.08	72.16	89.28	88.43	87.94	87.91	85.53

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
World Total	48,737.71	49,218.2 0	48,085.9 4	49,499.7 3	49,224.7 9	47,377.1 8	48,063.9 0	45,952.8 5	40,732.6 7

Appendix F4

550V Per Capita Emission Allocations: Common but Differentiated Convergence

Approach

(tCO₂-eq per person)

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	0.940	1.060	1.245	1.275	1.246	1.213	1.257	1.318	1.316
Albania	5.593	6.661	7.651	7.908	8.146	7.976	7.575	6.561	5.547
Algeria	5.829	7.312	8.776	10.650	9.646	8.171	6.696	5.221	3.746
Angola	5.102	3.733	2.610	2.319	2.573	2.541	2.519	2.508	2.429
Antigua & Barbuda	26.119	22.013	17.907	13.800	9.694	5.588	4.669	4.003	3.516
Argentina	10.467	11.037	9.744	8.451	7.158	5.865	4.669	4.003	3.516
Armenia	2.614	2.829	3.045	3.331	3.599	3.829	4.004	4.098	4.120
Australia	26.546	22.355	18.163	13.971	9.780	5.588	4.669	4.003	3.516
Austria	12.103	10.800	9.497	8.194	6.891	5.588	4.669	4.003	3.516
Azerbaijan	5.752	6.110	6.512	6.847	7.155	7.447	7.444	6.493	5.542
Bahamas	6.500	6.012	5.658	6.350	6.936	7.522	7.354	6.388	5.422
Bahrain	30.410	25.446	20.481	15.517	10.553	5.588	4.669	4.003	3.516
Bangladesh	0.819	0.794	0.806	0.941	1.085	1.238	1.421	1.572	1.643
Barbados	12.893	11.432	9.971	8.510	7.049	5.588	4.669	4.003	3.516
Belarus	7.710	7.918	8.470	9.945	10.083	8.615	7.147	5.680	4.212
Belgium	14.585	12.786	10.986	9.187	7.388	5.588	4.669	4.003	3.516

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Belize	89.978	73.100	56.222	39.344	22.466	5.588	4.669	4.003	3.516
Benin	11.694	10.473	9.251	8.030	6.809	5.588	4.669	4.003	3.516
Bhutan	2.626	3.305	3.975	4.481	5.064	5.677	6.433	6.433	5.639
Bolivia	9.960	5.044	0.655	-1.734	-3.800	-5.645	3.592	9.240	7.777
Bosnia & Herzegovina	6.205	6.926	7.647	8.610	9.238	8.886	7.625	6.365	5.105
Botswana	15.227	13.299	11.371	9.443	7.516	5.588	4.669	4.003	3.516
Brazil	9.095	6.006	3.103	1.517	-0.051	-1.735	7.005	9.039	7.560
Brunei	24.501	20.719	16.936	13.153	9.371	5.588	4.669	4.003	3.516
Bulgaria	12.529	11.141	9.753	8.365	6.976	5.588	4.669	4.003	3.516
Burkina Faso	1.353	1.050	0.767	0.841	0.856	0.879	0.918	0.956	0.990
Burundi	1.061	1.270	1.184	1.094	1.053	1.033	1.084	1.216	1.421
Cambodia	4.863	4.568	5.707	4.832	4.887	4.331	3.865	3.605	3.693
Cameroon	10.119	12.371	9.936	10.370	8.919	7.467	6.015	4.564	3.516
Canada	24.434	20.665	16.896	13.126	9.357	5.588	4.669	4.003	3.516
Cape Verde	1.230	1.359	1.571	2.117	2.787	3.604	4.589	5.679	5.688
Central African Republic	9.704	9.965	7.781	9.420	8.862	8.879	7.620	6.362	5.103
Chad	2.598	2.584	2.207	2.553	2.547	2.720	2.907	3.019	3.079
Chile	6.956	8.041	9.104	10.350	9.892	8.415	6.937	5.459	3.981
China	5.898	6.293	6.536	7.439	8.502	8.927	7.703	6.478	5.253
Colombia	5.523	4.991	4.438	4.260	4.075	3.797	6.763	7.002	6.008
Comoros	1.264	1.885	2.499	2.915	3.345	3.673	4.121	4.616	5.228
Congo	7.572	7.668	5.262	5.895	4.624	4.793	5.006	5.221	5.382
Congo, Dem. Republic	11.007	13.093	9.830	10.652	7.859	7.085	6.154	5.224	4.294
Cook Islands	1.851	4.197	7.159	8.190	9.155	9.106	7.798	6.490	5.182
Costa Rica	5.387	4.720	4.185	9.293	8.946	8.366	7.494	6.460	5.425
Côte d'Ivoire	11.419	10.253	9.087	7.920	6.754	5.588	4.669	4.003	3.516
Croatia	8.525	10.030	11.013	9.577	8.141	6.705	5.268	4.003	3.516
Cuba	4.472	5.205	5.947	9.082	10.059	9.085	7.678	6.272	4.865
Cyprus	13.095	11.594	10.092	8.591	7.090	5.588	4.669	4.003	3.516
Czech Republic	17.266	14.930	12.595	10.259	7.924	5.588	4.669	4.003	3.516
Denmark	12.591	11.190	9.790	8.389	6.989	5.588	4.669	4.003	3.516
Djibouti	2.325	2.630	3.073	3.885	4.694	5.431	6.268	6.396	5.610
Dominica	3.486	4.113	4.789	5.471	6.106	6.774	7.409	6.498	5.586
Dominican Republic	3.611	4.263	4.860	5.269	5.629	5.939	6.070	5.992	5.480
Ecuador	6.125	4.886	3.809	3.223	2.626	1.950	7.090	7.916	6.704
Egypt	3.342	3.673	4.059	4.662	5.318	6.049	6.866	6.314	5.484
El Salvador	2.891	3.003	3.121	4.516	4.469	4.340	4.119	3.835	3.456
Equatorial Guinea	20.555	17.562	14.568	11.575	8.581	5.588	4.669	4.003	3.516
Eritrea	2.107	3.093	4.196	5.417	6.667	7.932	7.548	6.459	5.370
Estonia	12.289	10.949	9.609	8.268	6.928	5.588	4.669	4.003	3.516
Ethiopia	1.143	1.294	1.415	1.535	1.652	1.718	1.830	1.964	2.112

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Fiji	3.662	3.372	3.189	3.215	3.064	2.916	2.800	2.652	2.565
Finland	14.121	12.415	10.708	9.001	7.295	5.588	4.669	4.003	3.516
France	9.327	9.680	10.009	10.288	10.405	8.969	7.533	6.098	4.662
Gabon	13.348	11.796	10.244	8.692	7.140	5.588	4.669	4.003	3.516
Gambia	1.259	1.678	1.850	2.254	2.467	2.746	3.037	3.227	3.358
Georgia	2.363	2.853	3.336	3.731	4.139	4.474	4.767	4.966	5.058
Germany	12.950	11.478	10.006	8.533	7.061	5.588	4.669	4.003	3.516
Ghana	3.639	4.519	4.071	4.895	4.670	5.274	5.913	6.221	5.500
Greece	12.196	10.875	9.553	8.231	6.910	5.588	4.669	4.003	3.516
Grenada	10.834	11.380	9.952	8.523	7.095	5.666	4.669	4.003	3.516
Guatemala	6.882	5.068	3.586	11.956	10.268	8.580	6.892	5.204	3.516
Guinea	3.845	4.055	3.133	3.522	3.064	3.230	3.408	3.558	3.642
Guinea-Bissau	3.065	3.798	3.667	4.380	4.406	4.845	5.312	5.633	5.523
Guyana	29.532	3.806	-21.924	-37.618	-52.180	-66.932	-34.917	-26.313	-17.709
Haiti	1.314	1.119	0.958	1.389	1.339	1.270	1.181	1.086	0.986
Honduras	4.860	3.858	3.050	8.065	7.520	6.773	6.036	5.317	4.558
Hungary	10.548	10.610	9.377	8.144	6.911	5.678	4.669	4.003	3.516
Iceland	11.366	10.211	9.055	7.899	6.744	5.588	4.669	4.003	3.516
India	2.007	2.434	2.909	3.543	4.300	5.125	5.952	6.324	5.581
Indonesia	13.088	11.588	10.088	8.588	7.088	5.588	4.669	4.003	3.516
Iran	10.003	10.965	9.687	8.409	7.131	5.853	4.669	4.003	3.516
Iraq	4.468	4.354	4.336	4.656	5.063	5.485	5.835	5.952	5.504
Ireland	15.893	13.832	11.771	9.710	7.649	5.588	4.669	4.003	3.516
Israel	13.634	12.025	10.415	8.806	7.197	5.588	4.669	4.003	3.516
Italy	10.447	11.219	10.264	8.896	7.528	6.160	4.792	4.003	3.516
Jamaica	28.293	23.752	19.211	14.670	10.129	5.588	4.669	4.003	3.516
Japan	11.253	10.120	8.987	7.854	6.721	5.588	4.669	4.003	3.516
Jordan	5.152	6.846	8.100	8.930	9.733	9.237	7.849	6.462	5.074
Kazakhstan	13.827	12.179	10.532	8.884	7.236	5.588	4.669	4.003	3.516
Kenya	1.730	2.022	2.352	2.923	3.574	4.280	5.200	6.363	5.638
Kiribati	0.125	0.217	0.288	0.271	0.252	0.231	0.208	0.188	0.170
Korea (North)	5.870	6.710	7.361	8.308	9.369	8.919	7.604	6.289	4.973
Korea (South)	14.367	12.611	10.855	9.100	7.344	5.588	4.669	4.003	3.516
Kuwait	31.254	26.121	20.988	15.854	10.721	5.588	4.669	4.003	3.516
Kyrgyzstan	2.494	3.093	3.634	3.806	3.934	3.994	3.968	3.853	3.658
Laos	6.245	5.828	6.879	5.920	5.833	5.151	4.586	4.266	4.275
Latvia	1.170	-0.042	-0.295	1.343	2.384	2.069	2.288	2.676	2.958
Lebanon	6.599	8.165	9.616	10.858	9.389	7.921	6.453	4.984	3.516
Lesotho	1.660	2.029	2.516	3.195	3.962	4.750	5.528	6.299	5.587
Liberia	19.982	17.103	14.225	11.346	8.467	5.588	4.669	4.003	3.516
Libya	12.432	11.063	9.694	8.326	6.957	5.588	4.669	4.003	3.516

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Lithuania	4.254	4.207	4.699	6.102	7.200	7.524	7.433	6.450	5.466
Luxembourg	27.545	23.154	18.762	14.371	9.980	5.588	4.669	4.003	3.516
Macedonia, FYR	6.935	8.500	10.076	10.922	9.441	7.959	6.478	4.997	3.516
Madagascar	4.506	4.868	4.162	3.531	3.110	2.723	2.533	2.428	2.585
Malawi	2.272	2.088	1.892	1.152	1.280	0.992	0.757	0.572	0.395
Malaysia	30.687	25.667	20.648	15.628	10.608	5.588	4.669	4.003	3.516
Maldives	2.776	3.430	4.214	5.495	6.838	8.279	7.667	6.550	5.433
Mali	3.324	3.210	2.436	2.710	2.434	2.511	2.593	2.604	2.591
Malta	7.192	7.305	7.390	7.548	7.582	7.511	7.362	6.460	5.558
Mauritania	4.325	3.546	2.955	3.469	3.947	4.422	4.903	5.229	5.416
Mauritius	5.245	7.766	11.075	10.558	8.971	7.384	5.797	4.210	3.516
Mexico	7.749	8.197	8.623	10.707	9.226	7.746	6.266	4.786	3.516
Moldova	3.232	3.319	3.438	3.854	4.267	4.664	5.000	5.225	5.335
Mongolia	13.163	11.648	10.133	8.618	7.103	5.588	4.669	4.003	3.516
Morocco	3.076	3.470	3.899	4.534	5.313	6.206	7.252	6.372	5.493
Mozambique	1.352	1.197	1.078	0.984	1.104	1.093	1.088	1.103	1.091
Myanmar	10.211	10.465	10.177	8.829	7.482	6.135	4.788	4.003	3.516
Namibia	6.922	7.725	8.777	9.952	9.882	8.406	6.931	5.455	3.980
Nauru	8.254	8.480	8.568	8.402	8.144	7.700	7.074	6.302	5.474
Nepal	7.288	7.811	9.549	9.405	8.127	6.653	6.083	6.235	5.536
Netherlands	14.173	12.456	10.739	9.022	7.305	5.588	4.669	4.003	3.516
New Zealand	18.942	16.271	13.600	10.930	8.259	5.588	4.669	4.003	3.516
Nicaragua	12.404	8.330	4.876	4.701	4.526	4.352	4.177	4.003	3.516
Niger	0.943	0.936	0.875	0.969	0.992	1.014	1.047	1.064	1.062
Nigeria	5.251	6.497	6.390	9.176	9.477	8.860	7.649	6.439	5.228
Niue	1.055	1.843	2.513	2.461	2.353	2.235	2.045	1.878	1.671
Norway	10.925	10.475	9.273	8.070	6.868	5.666	4.669	4.003	3.516
Oman	13.506	11.922	10.339	8.755	7.172	5.588	4.669	4.003	3.516
Pakistan	2.030	2.325	2.694	3.056	3.434	3.820	4.243	4.587	4.667
Palau	5.727	6.477	7.179	7.522	7.458	7.366	7.321	6.427	5.534
Panama	19.160	15.053	12.868	10.683	8.498	6.313	4.669	4.003	3.516
Papua New Guinea	5.037	-20.892	-29.208	-29.865	-31.732	-30.564	-25.117	-27.081	-20.440
Paraguay	16.156	14.042	11.929	9.815	7.702	5.588	4.669	4.003	3.516
Peru	6.349	3.594	1.119	-0.192	-1.474	-2.926	5.182	7.297	6.233
Philippines	2.725	2.806	3.291	3.226	3.436	3.459	3.476	3.477	3.449
Poland	12.331	10.982	9.634	8.285	6.937	5.588	4.669	4.003	3.516
Portugal	7.398	7.824	8.269	8.924	9.439	9.043	7.700	6.356	5.013
Qatar	62.500	51.118	39.735	28.353	16.971	5.588	4.669	4.003	3.516
Romania	8.358	10.398	11.032	9.556	8.081	6.605	5.129	4.003	3.516
Russian Federation	13.729	12.100	10.472	8.844	7.216	5.588	4.669	4.003	3.516
Rwanda	1.422	1.741	1.820	1.937	2.095	2.263	2.534	2.919	3.398

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Saint Kitts & Nevis	3.841	5.453	7.008	7.695	8.198	8.667	7.536	6.404	5.273
Saint Lucia	5.657	8.194	10.770	10.367	8.872	7.377	5.882	4.388	3.516
Saint Vincent & Grenadines	3.997	5.358	6.781	7.631	8.295	8.874	7.702	6.529	5.356
Samoa	3.256	3.900	4.573	4.570	4.201	3.853	3.577	3.240	3.027
Sao Tome & Principe	1.758	2.182	2.586	3.113	3.634	4.182	4.720	5.142	5.394
Saudi Arabia	17.978	15.500	13.022	10.544	8.066	5.588	4.669	4.003	3.516
Senegal	2.385	2.776	2.895	3.463	3.885	4.576	5.369	6.162	5.709
Serbia & Montenegro	7.567	9.175	10.730	10.294	8.816	7.338	5.859	4.381	3.516
Seychelles	9.626	11.098	9.772	8.447	7.122	5.797	4.669	4.003	3.516
Sierra Leone	5.434	6.515	5.004	5.575	4.997	4.629	4.261	3.893	3.524
Singapore	13.053	11.560	10.067	8.574	7.081	5.588	4.669	4.003	3.516
Slovakia	15.731	13.702	11.674	9.645	7.617	5.588	4.669	4.003	3.516
Slovenia	16.568	14.372	12.176	9.980	7.784	5.588	4.669	4.003	3.516
Solomon Islands	0.868	0.569	0.502	0.468	0.400	0.362	0.370	0.293	0.327
South Africa	9.899	11.227	9.894	8.562	7.229	5.896	4.669	4.003	3.516
Spain	10.433	10.973	10.731	9.321	7.911	6.500	5.090	4.003	3.516
Sri Lanka	4.069	5.182	6.804	7.585	8.031	8.439	7.687	6.565	5.443
Sudan	4.702	5.164	5.494	6.116	6.903	7.644	7.433	6.412	5.391
Suriname	8.814	8.347	7.897	8.692	9.340	9.072	7.771	6.471	5.170
Swaziland	1.985	2.759	3.570	3.793	4.954	5.575	6.137	6.394	5.637
Sweden	7.765	8.196	8.580	9.001	9.302	9.062	7.764	6.465	5.167
Switzerland	7.605	7.939	8.216	8.558	8.735	8.869	7.698	6.526	5.354
Syria	3.901	4.600	5.107	5.616	6.198	6.781	7.152	6.469	5.602
Taiwan	15.469	13.493	11.517	9.540	7.564	5.588	4.669	4.003	3.516
Tajikistan	1.340	1.271	1.208	1.376	1.529	1.618	1.692	1.670	1.645
Tanzania	2.431	2.512	2.678	2.832	3.214	3.388	3.559	3.767	3.833
Thailand	7.139	8.149	9.626	10.875	9.403	7.931	6.460	4.988	3.516
Togo	4.459	5.824	5.639	6.684	6.713	7.595	7.763	6.708	5.653
Tonga	1.957	1.860	1.757	1.706	1.636	1.553	1.462	1.384	1.307
Trinidad & Tobago	31.955	26.681	21.408	16.135	10.861	5.588	4.669	4.003	3.516
Tunisia	5.248	6.511	7.788	9.086	10.440	8.997	7.554	6.111	4.669
Turkey	5.937	6.324	6.452	7.125	8.185	8.856	7.646	6.436	5.227
Turkmenistan	17.567	15.171	12.776	10.380	7.984	5.588	4.669	4.003	3.516
Uganda	2.690	3.444	3.628	3.484	3.407	3.248	3.364	3.849	4.563
Ukraine	11.063	9.968	8.873	7.778	6.683	5.588	4.669	4.003	3.516
United Arab Emirates	38.373	31.816	25.259	18.702	12.145	5.588	4.669	4.003	3.516
United Kingdom	11.366	10.210	9.055	7.899	6.744	5.588	4.669	4.003	3.516
United States of America	20.485	17.506	14.526	11.547	8.567	5.588	4.669	4.003	3.516
Uruguay	2.250	-0.515	-3.793	-5.519	-7.380	-9.425	1.256	8.528	7.227
Uzbekistan	8.528	10.433	10.931	9.477	8.024	6.570	5.116	4.003	3.516
Vanuatu	2.371	2.558	2.774	2.772	2.663	2.565	2.492	2.406	2.362

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Venezuela	14.554	12.761	10.967	9.174	7.381	5.588	4.669	4.003	3.516
Vietnam	1.656	1.832	2.289	2.481	2.871	3.130	3.392	3.607	3.722
Yemen	1.685	1.634	1.610	1.700	1.801	1.904	1.990	2.022	1.990
Zambia	20.075	18.463	16.433	7.329	8.950	4.962	2.752	2.786	2.821
Zimbabwe	5.979	5.222	4.935	3.685	4.209	3.868	3.572	3.320	3.011

Appendix F5

550V Total Emission Allocations: Equal Emission Rights Approach (MtCO₂-eq)

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	32.07	278.16	305.90	325.58	333.87	298.93	264.67	238.88	219.84
Albania	18.12	24.28	24.84	24.61	23.56	19.82	16.61	14.25	12.50
Algeria	203.43	269.34	282.55	286.54	280.48	240.55	204.59	177.46	156.67
Angola	91.66	144.67	158.59	168.79	174.01	157.34	140.94	128.66	119.62
Antigua & Barbuda	2.31	0.69	0.73	0.75	0.74	0.65	0.56	0.49	0.44
Argentina	427.95	312.91	325.60	328.75	322.12	277.81	238.14	208.45	186.05
Armenia	7.85	21.99	22.15	21.71	20.60	17.20	14.28	12.11	10.47
Australia	575.90	167.12	175.13	178.05	175.38	151.74	130.42	114.57	102.85
Austria	100.00	60.27	59.99	58.06	54.52	45.02	36.95	31.01	26.60
Azerbaijan	50.00	66.21	68.80	69.02	66.86	56.90	48.14	41.61	36.65
Bahamas	2.20	2.57	2.67	2.68	2.60	2.22	1.88	1.62	1.42
Bahrain	23.61	6.00	6.32	6.44	6.34	5.47	4.67	4.07	3.63
Bangladesh	133.98	1,273.62	1,358.08	1,408.52	1,411.17	1,236.96	1,071.92	945.78	850.45
Barbados	3.84	2.21	2.23	2.18	2.07	1.73	1.43	1.20	1.03
Belarus	73.86	68.53	66.88	63.46	58.53	47.63	38.61	32.02	27.12
Belgium	153.71	77.00	76.77	74.49	70.26	58.35	48.18	40.69	35.13
Belize	29.38	2.63	2.86	3.01	3.06	2.72	2.40	2.16	1.98

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Benin	115.60	83.09	94.70	104.37	111.11	103.52	95.33	89.24	84.89
Bhutan	1.79	5.26	5.52	5.62	5.55	4.81	4.14	3.64	3.26
Bolivia	100.27	79.63	85.47	88.90	89.60	79.31	69.65	62.38	56.94
Bosnia & Herzegovina	24.47	28.71	28.43	27.28	25.34	20.67	16.75	13.85	11.68
Botswana	30.83	15.87	16.74	17.05	16.78	14.52	12.54	11.10	10.07
Brazil	1,808.11	1,529.32	1,596.68	1,615.74	1,584.93	1,366.45	1,169.01	1,019.75	906.08
Brunei	10.02	3.24	3.49	3.64	3.67	3.25	2.85	2.55	2.32
Bulgaria	93.05	51.97	49.51	45.82	41.20	32.65	25.73	20.71	16.99
Burkina Faso	22.02	138.21	159.80	179.30	195.02	186.30	176.47	170.26	167.11
Burundi	10.08	81.19	93.82	104.96	113.45	107.34	100.35	95.31	91.91
Cambodia	74.03	121.38	131.76	137.93	139.00	122.64	107.33	95.78	86.93
Cameroon	201.28	160.63	175.56	185.45	189.46	169.87	151.01	136.89	126.53
Canada	822.99	255.13	263.41	264.12	256.85	219.64	186.67	162.27	144.30
Cape Verde	0.64	3.90	3.95	3.87	3.65	3.00	2.44	2.00	1.65
Central African Republic	43.88	35.34	37.44	38.30	37.87	32.87	28.37	25.06	22.65
Chad	29.56	91.46	99.89	105.85	108.89	98.68	88.99	82.11	77.69
Chile	118.68	129.40	133.48	133.45	129.11	109.59	92.26	79.26	69.44
China	7,936.61	10,137.4 2	10,364.9 8	10,228.0 0	9,742.87	8,152.62	6,782.55	5,767.26	5,000.25
Colombia	264.48	368.87	385.83	390.92	383.04	328.99	279.91	242.64	214.17
Comoros	0.87	5.75	6.49	7.10	7.54	7.02	6.47	6.06	5.77
Congo	31.29	34.70	39.57	43.50	46.03	42.51	38.75	35.89	33.80
Congo, Dem. Republic	758.20	584.93	673.80	750.89	808.08	761.24	709.20	671.81	646.53
Cook Islands	0.03	0.11	0.10	0.08	0.07	0.05	0.04	0.03	0.03
Costa Rica	25.01	36.01	37.91	38.60	38.01	32.81	28.07	24.47	21.72
Côte d'Ivoire	236.21	166.70	181.76	191.44	194.90	174.06	154.15	139.23	128.17
Croatia	37.80	32.15	31.74	30.47	28.37	23.25	18.94	15.77	13.43
Cuba	51.03	83.88	84.01	81.63	76.83	63.47	51.97	43.37	36.84
Cyprus	10.83	6.50	6.89	7.03	6.88	5.87	4.95	4.23	3.67
Czech Republic	176.02	73.75	72.60	69.34	64.23	52.39	42.53	35.33	30.01
Denmark	69.24	40.54	40.82	40.04	38.14	31.91	26.49	22.49	19.54
Djibouti	2.08	7.28	8.07	8.65	8.93	8.05	7.16	6.46	5.92
Dominica	0.25	0.54	0.54	0.52	0.49	0.40	0.33	0.27	0.23
Dominican Republic	36.85	79.87	84.95	87.56	87.42	76.66	66.73	59.28	53.70
Ecuador	86.60	110.52	117.26	120.40	119.61	104.24	90.01	79.18	70.93
Egypt	270.11	647.38	701.38	734.31	744.49	663.61	587.25	529.86	486.79
El Salvador	20.98	57.22	61.38	63.97	64.71	57.59	50.91	45.95	42.30
Equatorial Guinea	11.41	4.60	5.18	5.63	5.91	5.43	4.93	4.56	4.28
Eritrea	10.90	42.47	47.04	50.27	51.92	47.01	42.15	38.48	35.73
Estonia	16.02	9.19	8.81	8.18	7.36	5.84	4.61	3.72	3.06

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Ethiopia	100.87	753.30	875.97	990.30	1,087.49	1,050.91	1,008.12	985.78	980.93
Fiji	3.25	6.91	7.32	7.53	7.53	6.63	5.81	5.19	4.72
Finland	74.53	38.57	38.42	37.17	34.87	28.75	23.57	19.79	17.02
France	584.51	467.37	474.01	467.05	447.29	377.48	316.71	271.37	237.35
Gabon	19.08	11.49	12.60	13.45	13.99	12.84	11.73	10.98	10.50
Gambia	2.33	15.24	17.05	18.46	19.32	17.73	16.10	14.90	14.04
Georgia	10.40	31.53	30.81	29.26	27.01	22.01	17.89	14.91	12.73
Germany	1,066.09	597.28	591.04	568.63	531.43	437.64	358.83	301.30	258.91
Ghana	90.47	197.83	213.32	222.60	224.94	199.68	175.85	157.93	144.52
Greece	136.46	81.71	81.12	78.28	73.53	60.98	50.38	42.56	36.73
Grenada	1.18	0.81	0.83	0.81	0.77	0.64	0.52	0.44	0.37
Guatemala	97.29	113.40	123.12	129.16	130.92	116.36	102.54	92.13	84.35
Guinea	39.04	84.41	95.77	105.65	113.10	106.37	99.23	94.35	91.32
Guinea-Bissau	5.42	14.20	15.51	16.41	16.82	15.14	13.54	12.35	11.49
Guyana	21.04	5.12	5.21	5.27	5.20	4.50	3.85	3.35	2.97
Haiti	13.39	81.35	88.46	93.31	95.19	85.09	75.39	68.12	62.74
Honduras	36.89	60.54	65.25	67.93	68.40	60.46	53.01	47.41	43.25
Hungary	105.05	71.58	70.22	67.05	62.25	50.95	41.56	34.72	29.68
Iceland	3.51	2.33	2.39	2.38	2.30	1.95	1.64	1.41	1.23
India	2,362.46	9,149.20	9,653.46	9,872.48	9,783.44	8,519.12	7,363.01	6,494.55	5,843.54
Indonesia	3,064.06	1,795.42	1,870.41	1,891.50	1,856.87	1,602.35	1,370.83	1,194.83	1,060.46
Iran	715.65	548.37	573.40	577.53	559.35	475.22	401.81	347.40	305.76
Iraq	132.58	242.66	267.64	284.65	292.58	263.78	235.60	214.19	197.99
Ireland	69.96	33.77	35.12	35.35	34.49	29.64	25.33	22.10	19.65
Israel	102.95	59.36	63.17	65.03	64.84	56.79	49.29	43.54	39.09
Italy	612.12	423.93	417.36	399.80	372.76	306.52	250.71	209.48	178.70
Jamaica	78.16	20.85	21.48	21.55	21.02	18.06	15.45	13.53	12.13
Japan	1,429.60	910.30	884.16	831.95	759.20	609.35	485.85	395.96	329.96
Jordan	34.06	49.79	54.48	57.78	59.31	53.52	47.95	43.83	40.79
Kazakhstan	213.23	114.53	115.63	112.78	106.40	88.35	72.99	61.61	52.95
Kenya	70.66	332.46	357.49	368.42	368.59	326.20	287.18	257.09	233.66
Kiribati	0.01	0.90	1.00	1.07	1.11	1.01	0.92	0.85	0.80
Korea (North)	142.12	179.42	180.88	176.81	167.77	140.29	116.66	99.05	85.76
Korea (South)	702.96	359.97	360.31	350.09	329.09	270.81	220.36	182.34	153.40
Kuwait	94.57	25.92	29.47	31.96	33.38	30.60	27.83	25.80	24.35
Kyrgyzstan	13.73	43.06	45.79	47.05	46.80	41.00	35.76	31.87	28.95
Laos	39.80	51.85	57.14	60.73	62.42	56.37	50.43	45.86	42.29
Latvia	2.61	15.75	15.14	14.11	12.76	10.19	8.10	6.59	5.45
Lebanon	28.06	32.48	33.61	33.73	32.90	28.24	24.04	20.80	18.28
Lesotho	3.31	14.59	14.51	13.97	13.02	10.68	8.75	7.38	6.40

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Liberia	83.75	33.90	37.21	39.73	41.21	37.59	34.02	31.41	29.57
Libya	82.28	53.22	57.66	60.23	60.87	54.10	47.73	42.89	39.15
Lithuania	14.32	24.17	23.66	22.45	20.64	16.69	13.44	11.07	9.30
Luxembourg	13.37	3.74	3.94	4.03	4.01	3.51	3.05	2.72	2.47
Macedonia, FYR	14.29	15.19	15.25	14.86	14.03	11.65	9.61	8.09	6.96
Madagascar	97.62	182.83	209.59	232.72	250.08	235.71	220.07	209.22	202.29
Malawi	34.41	126.51	143.70	157.95	167.78	156.16	143.91	135.05	128.92
Malaysia	859.29	221.72	238.93	249.68	252.54	224.14	197.35	177.42	162.74
Maldives	0.96	2.51	2.49	2.40	2.35	2.04	1.75	1.53	1.37
Mali	43.88	109.58	124.21	136.51	144.94	134.59	123.45	115.05	108.90
Malta	2.97	3.06	3.08	3.01	2.84	2.35	1.94	1.63	1.41
Mauritania	14.47	27.36	30.34	32.56	33.81	30.80	27.82	25.60	23.99
Mauritius	6.79	9.76	10.01	9.96	9.59	8.11	6.80	5.81	5.07
Mexico	846.02	839.34	877.92	890.79	875.88	756.45	648.24	566.68	504.78
Moldova	12.46	27.98	27.66	26.48	24.55	20.02	16.25	13.48	11.42
Mongolia	36.21	21.54	22.86	23.40	23.14	20.10	17.33	15.23	13.60
Morocco	98.08	244.73	255.68	259.24	254.96	220.53	189.54	166.36	148.96
Mozambique	30.39	179.37	195.74	207.48	213.15	192.59	173.11	159.27	149.88
Myanmar	509.94	377.07	386.80	384.53	370.43	313.49	263.26	225.56	197.00
Namibia	14.67	16.05	16.35	16.03	15.16	12.56	10.34	8.71	7.53
Nauru	0.12	0.11	0.12	0.13	0.13	0.11	0.10	0.09	0.08
Nepal	210.99	229.86	248.21	258.13	259.58	228.77	199.73	177.90	161.68
Netherlands	236.60	123.76	125.08	122.97	117.34	98.43	81.93	69.68	60.62
New Zealand	82.25	33.02	34.19	34.38	33.49	28.66	24.34	21.10	18.67
Nicaragua	74.29	47.43	50.95	52.97	53.24	46.96	41.07	36.63	33.29
Niger	15.06	139.46	166.00	191.83	214.47	209.74	202.29	197.68	195.55
Nigeria	821.71	1,252.85	1,360.17	1,429.14	1,453.40	1,297.59	1,148.78	1,037.35	955.21
Niue	0.00	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01
Norway	51.42	34.86	35.32	34.88	33.45	28.17	23.54	20.11	17.58
Oman	39.75	24.86	28.37	31.20	33.06	30.60	27.97	25.98	24.53
Pakistan	343.07	1,325.03	1,413.17	1,464.56	1,473.43	1,302.12	1,140.38	1,018.24	926.67
Palau	0.12	0.15	0.15	0.15	0.15	0.13	0.11	0.09	0.08
Panama	66.94	27.29	28.94	29.73	29.56	25.77	22.26	19.57	17.50
Papua New Guinea	34.09	54.24	58.77	61.53	62.26	55.24	48.54	43.47	39.66
Paraguay	107.47	54.29	60.17	64.58	67.10	61.17	55.25	50.87	47.69
Peru	184.63	224.06	234.42	237.65	233.16	200.69	171.26	149.00	132.09
Philippines	254.60	746.76	809.61	849.71	863.50	770.57	681.95	615.26	565.37
Poland	469.46	276.20	272.54	260.57	241.37	196.66	159.36	132.02	111.66
Portugal	79.29	78.74	78.54	76.04	71.52	59.22	48.70	40.84	34.87
Qatar	53.25	6.45	6.66	6.70	6.57	5.69	4.92	4.37	3.98

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Romania	179.62	155.01	152.17	145.18	134.70	110.26	89.86	74.85	63.62
Russian Federation	1,918.65	993.48	962.01	905.84	830.56	673.53	545.64	453.16	384.90
Rwanda	15.10	88.63	99.88	108.90	115.34	107.81	100.39	95.60	92.91
Saint Kitts & Nevis	0.19	0.38	0.40	0.40	0.40	0.34	0.29	0.25	0.23
Saint Lucia	0.95	1.25	1.27	1.25	1.19	0.99	0.83	0.70	0.60
Saint Vincent & Grenadines	0.47	0.84	0.83	0.79	0.74	0.62	0.51	0.43	0.37
Samoa	0.64	1.54	1.66	1.74	1.79	1.63	1.49	1.39	1.33
Sao Tome & Principe	0.31	1.51	1.73	1.89	2.00	1.84	1.67	1.54	1.45
Saudi Arabia	459.75	201.26	213.31	220.20	223.07	200.56	179.88	164.68	153.40
Senegal	32.20	112.03	125.94	136.85	143.75	132.44	120.92	112.42	106.33
Serbia & Montenegro	80.22	75.47	73.44	69.65	64.29	52.32	42.38	35.13	29.79
Seychelles	0.84	0.67	0.69	0.69	0.67	0.56	0.47	0.40	0.35
Sierra Leone	33.82	50.82	57.03	62.72	67.33	63.72	60.00	57.75	56.71
Singapore	59.15	34.28	35.08	34.66	33.01	27.46	22.52	18.70	15.71
Slovakia	85.35	39.71	39.54	38.16	35.71	29.41	24.09	20.17	17.24
Slovenia	33.02	14.38	14.09	13.38	12.32	9.99	8.06	6.64	5.59
Solomon Islands	0.46	4.34	4.76	5.04	5.16	4.63	4.12	3.73	3.43
South Africa	480.10	347.40	347.73	339.08	322.06	270.21	226.27	194.51	171.52
Spain	455.11	317.27	313.15	300.10	279.79	230.30	188.75	157.91	134.51
Sri Lanka	83.97	156.42	160.85	160.28	154.91	131.72	111.23	95.78	84.04
Sudan	192.89	333.26	368.96	395.76	411.34	376.15	342.22	318.60	303.11
Suriname	4.21	3.67	3.83	3.87	3.80	3.27	2.78	2.41	2.13
Swaziland	2.41	9.40	9.86	10.04	9.90	8.57	7.37	6.46	5.79
Sweden	70.63	66.85	67.24	65.82	62.40	51.98	43.12	36.69	32.02
Switzerland	57.57	55.69	55.84	54.41	51.41	42.68	35.17	29.62	25.47
Syria	88.15	169.65	182.74	190.38	191.77	169.52	148.55	132.61	120.45
Taiwan	359.20	170.55	170.33	165.01	154.70	126.98	103.07	85.10	71.49
Tajikistan	9.64	57.36	61.88	64.43	64.82	57.29	50.28	45.00	41.00
Tanzania	103.77	342.31	369.49	383.64	384.43	338.13	295.24	263.20	239.42
Thailand	464.85	487.28	495.60	489.02	467.42	392.32	326.79	277.73	240.64
Togo	31.93	59.66	67.42	73.66	77.91	72.42	66.86	63.00	60.48
Tonga	0.21	0.84	0.90	0.94	0.94	0.83	0.72	0.64	0.58
Trinidad & Tobago	42.03	9.53	9.39	8.93	8.23	6.69	5.43	4.52	3.85
Tunisia	55.30	80.44	83.45	83.72	81.14	68.98	58.18	50.03	43.77
Turkey	458.09	596.17	624.20	632.52	620.54	534.56	456.53	397.31	351.97
Turkmenistan	89.94	39.49	41.57	42.36	41.69	35.95	30.79	26.95	24.07
Uganda	92.22	298.70	355.20	410.56	461.08	456.17	448.78	450.94	461.99
Ukraine	504.00	321.61	309.76	290.15	264.44	212.90	171.02	140.74	118.41
United Arab Emirates	191.74	42.29	47.33	50.00	50.17	43.62	37.27	32.25	28.31

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
United Kingdom	694.06	451.35	455.97	448.22	427.73	359.13	299.92	256.36	224.14
United States of America	6,375.51	2,379.26	2,484.90	2,527.54	2,501.30	2,183.70	1,900.17	1,694.74	1,548.46
Uruguay	7.62	25.21	25.58	25.28	24.29	20.54	17.25	14.80	12.95
Uzbekistan	234.30	209.74	218.65	221.16	216.24	185.41	157.81	137.20	121.73
Vanuatu	0.55	1.80	1.90	1.94	1.92	1.67	1.44	1.27	1.14
Venezuela	416.70	224.32	238.67	246.03	245.44	214.77	186.33	164.91	148.86
Vietnam	145.99	676.62	705.08	710.88	693.11	593.21	503.76	436.23	384.76
Yemen	41.05	201.45	223.66	238.63	245.54	221.51	198.03	180.28	166.90
Zambia	249.93	97.93	104.50	107.94	107.86	94.67	82.52	73.52	66.93
Zimbabwe	78.53	116.85	129.48	138.01	141.61	127.75	114.94	105.99	99.86
World Total	48,737.71	52,486.9	54,954.2	55,820.4	54,994.7	47,686.6	41,120.6	36,249.0	32,631.8
		3	8	9	0	3	5	1	3

Appendix F6

550V Per Capita Emission Allocations: Equal Emission Rights Approach (tCO₂-eq per person)

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	0.940	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Albania	5.593	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Algeria	5.829	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Angola	5.102	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Antigua & Barbuda	26.119	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Argentina	10.467	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Armenia	2.614	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Australia	26.546	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Austria	12.103	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Azerbaijan	5.752	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Bahamas	6.500	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Bahrain	30.410	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Bangladesh	0.819	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Barbados	12.893	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Belarus	7.710	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Belgium	14.585	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Belize	89.978	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Benin	11.694	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Bhutan	2.626	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Bolivia	9.960	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Bosnia & Herzegovina	6.205	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Botswana	15.227	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Brazil	9.095	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Brunei	24.501	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Bulgaria	12.529	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Burkina Faso	1.353	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Burundi	1.061	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Cambodia	4.863	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Cameroon	10.119	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Canada	24.434	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Cape Verde	1.230	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Central African Republic	9.704	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Chad	2.598	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Chile	6.956	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
China	5.898	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Colombia	5.523	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Comoros	1.264	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Congo	7.572	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Congo, Dem. Republic	11.007	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Cook Islands	1.851	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Costa Rica	5.387	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Côte d'Ivoire	11.419	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Croatia	8.525	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Cuba	4.472	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Cyprus	13.095	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Czech Republic	17.266	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Denmark	12.591	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Djibouti	2.325	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Dominica	3.486	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Dominican Republic	3.611	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Ecuador	6.125	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Egypt	3.342	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
El Salvador	2.891	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Equatorial Guinea	20.555	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Eritrea	2.107	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Estonia	12.289	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Ethiopia	1.143	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Fiji	3.662	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Finland	14.121	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
France	9.327	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Gabon	13.348	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Gambia	1.259	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Georgia	2.363	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Germany	12.950	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Ghana	3.639	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Greece	12.196	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Grenada	10.834	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Guatemala	6.882	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Guinea	3.845	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Guinea-Bissau	3.065	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Guyana	29.532	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Haiti	1.314	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Honduras	4.860	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Hungary	10.548	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Iceland	11.366	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
India	2.007	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Indonesia	13.088	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Iran	10.003	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Iraq	4.468	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Ireland	15.893	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Israel	13.634	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Italy	10.447	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Jamaica	28.293	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Japan	11.253	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Jordan	5.152	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Kazakhstan	13.827	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Kenya	1.730	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Kiribati	0.125	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Korea (North)	5.870	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Korea (South)	14.367	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Kuwait	31.254	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Kyrgyzstan	2.494	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Laos	6.245	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Latvia	1.170	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Lebanon	6.599	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Lesotho	1.660	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Liberia	19.982	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Libya	12.432	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Lithuania	4.254	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Luxembourg	27.545	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Macedonia, FYR	6.935	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Madagascar	4.506	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Malawi	2.272	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Malaysia	30.687	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Maldives	2.776	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Mali	3.324	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Malta	7.192	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Mauritania	4.325	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Mauritius	5.245	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Mexico	7.749	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Moldova	3.232	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Mongolia	13.163	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Morocco	3.076	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Mozambique	1.352	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Myanmar	10.211	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Namibia	6.922	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Nauru	8.254	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Nepal	7.288	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Netherlands	14.173	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
New Zealand	18.942	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Nicaragua	12.404	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Niger	0.943	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Nigeria	5.251	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Niue	1.055	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Norway	10.925	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Oman	13.506	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Pakistan	2.030	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Palau	5.727	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Panama	19.160	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Papua New Guinea	5.037	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Paraguay	16.156	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Peru	6.349	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Philippines	2.725	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Poland	12.331	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Portugal	7.398	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Qatar	62.500	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Romania	8.358	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Russian Federation	13.729	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Rwanda	1.422	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Saint Kitts & Nevis	3.841	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Saint Lucia	5.657	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Saint Vincent & Grenadines	3.997	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Samoa	3.256	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Sao Tome & Principe	1.758	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Saudi Arabia	17.978	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Senegal	2.385	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Serbia & Montenegro	7.567	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Seychelles	9.626	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Sierra Leone	5.434	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Singapore	13.053	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Slovakia	15.731	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Slovenia	16.568	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Solomon Islands	0.868	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
South Africa	9.899	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Spain	10.433	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Sri Lanka	4.069	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Sudan	4.702	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Suriname	8.814	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Swaziland	1.985	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Sweden	7.765	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Switzerland	7.605	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Syria	3.901	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Taiwan	15.469	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Tajikistan	1.340	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Tanzania	2.431	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Thailand	7.139	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Togo	4.459	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Tonga	1.957	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Trinidad & Tobago	31.955	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Tunisia	5.248	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Turkey	5.937	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Turkmenistan	17.567	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Uganda	2.690	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Ukraine	11.063	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
United Arab Emirates	38.373	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
United Kingdom	11.366	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
United States of America	20.485	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Uruguay	2.250	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Uzbekistan	8.528	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Vanuatu	2.371	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Venezuela	14.554	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Vietnam	1.656	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Yemen	1.685	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Zambia	20.075	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516
Zimbabwe	5.979	7.285	7.256	7.048	6.675	5.588	4.669	4.003	3.516

Appendix F7

550V Total Emission Allocations: Emission Debt Approach (MtCO₂-eq)

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	32.07	357.09	392.70	417.96	428.60	383.76	339.77	306.66	282.22
Albania	18.12	32.32	33.06	32.75	31.36	26.38	22.10	18.96	16.64
Algeria	203.43	315.66	331.14	335.82	328.71	281.92	239.77	207.97	183.62
Angola	91.66	154.59	169.46	180.37	185.94	168.13	150.60	137.48	127.82
Antigua & Barbuda	2.31	-0.02	-0.02	-0.03	-0.03	-0.02	-0.02	-0.02	-0.01

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Argentina	427.95	254.84	265.18	267.74	262.34	226.26	193.95	169.77	151.53
Armenia	7.85	30.43	30.65	30.04	28.51	23.80	19.76	16.76	14.49
Australia	575.90	-40.60	-42.55	-43.26	-42.61	-36.87	-31.69	-27.84	-24.99
Austria	100.00	40.71	40.53	39.22	36.83	30.41	24.96	20.95	17.97
Azerbaijan	50.00	68.56	71.25	71.47	69.24	58.92	49.85	43.09	37.95
Bahamas	2.20	2.58	2.67	2.68	2.60	2.22	1.88	1.62	1.42
Bahrain	23.61	-1.48	-1.56	-1.59	-1.56	-1.35	-1.15	-1.00	-0.89
Bangladesh	133.98	1,744.81	1,860.51	1,929.60	1,933.25	1,694.58	1,468.48	1,295.68	1,165.09
Barbados	3.84	2.40	2.42	2.37	2.25	1.88	1.55	1.31	1.12
Belarus	73.86	52.80	51.53	48.89	45.10	36.69	29.74	24.67	20.89
Belgium	153.71	29.54	29.45	28.57	26.95	22.38	18.48	15.61	13.48
Belize	29.38	-9.86	-10.74	-11.29	-11.47	-10.22	-9.02	-8.12	-7.45
Benin	115.60	81.78	93.20	102.72	109.35	101.88	93.82	87.83	83.55
Bhutan	1.79	6.77	7.11	7.24	7.15	6.20	5.34	4.69	4.19
Bolivia	100.27	38.36	41.18	42.83	43.16	38.21	33.55	30.05	27.43
Bosnia & Herzegovina	24.47	33.95	33.62	32.25	29.96	24.44	19.80	16.38	13.81
Botswana	30.83	5.00	5.28	5.38	5.29	4.58	3.95	3.50	3.18
Brazil	1,808.11	899.64	939.26	950.48	932.35	803.83	687.68	599.88	533.01
Brunei	10.02	0.45	0.48	0.50	0.51	0.45	0.39	0.35	0.32
Bulgaria	93.05	38.47	36.65	33.91	30.49	24.16	19.05	15.33	12.57
Burkina Faso	22.02	165.22	191.02	214.33	233.12	222.70	210.94	203.52	199.75
Burundi	10.08	98.43	113.73	127.24	137.53	130.13	121.66	115.54	111.42
Cambodia	74.03	128.79	139.80	146.35	147.49	130.13	113.88	101.63	92.24
Cameroon	201.28	155.75	170.23	179.82	183.71	164.71	146.42	132.73	122.69
Canada	822.99	-69.30	-71.54	-71.74	-69.76	-59.66	-50.70	-44.08	-39.19
Cape Verde	0.64	5.58	5.66	5.54	5.23	4.30	3.49	2.86	2.36
Central African Republic	43.88	32.86	34.81	35.61	35.21	30.56	26.38	23.30	21.06
Chad	29.56	109.82	119.95	127.11	130.76	118.50	106.86	98.60	93.29
Chile	118.68	138.36	142.72	142.69	138.05	117.18	98.65	84.75	74.25
China	7,936.61	12,072.6 3	12,343.6 4	12,180.5 1	11,602.7 6	9,708.94	8,077.32	6,868.22	5,954.79
Colombia	264.48	378.27	395.65	400.87	392.79	337.37	287.04	248.81	219.62
Comoros	0.87	7.29	8.24	9.02	9.57	8.91	8.21	7.69	7.33
Congo	31.29	35.44	40.42	44.43	47.02	43.42	39.58	36.66	34.53
Congo, Dem. Republic	758.20	553.51	637.61	710.56	764.68	720.35	671.11	635.72	611.80
Cook Islands	0.03	0.22	0.19	0.16	0.14	0.11	0.08	0.07	0.06
Costa Rica	25.01	38.56	40.59	41.33	40.69	35.13	30.05	26.20	23.25
Côte d'Ivoire	236.21	159.68	174.10	183.37	186.69	166.73	147.65	133.36	122.77
Croatia	37.80	33.96	33.54	32.19	29.98	24.56	20.01	16.67	14.19
Cuba	51.03	109.84	110.01	106.89	100.60	83.11	68.06	56.79	48.24

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Cyprus	10.83	4.64	4.92	5.02	4.91	4.19	3.53	3.02	2.62
Czech Republic	176.02	20.05	19.74	18.85	17.46	14.24	11.56	9.60	8.16
Denmark	69.24	18.57	18.69	18.34	17.47	14.62	12.13	10.30	8.95
Djibouti	2.08	8.93	9.90	10.61	10.95	9.87	8.78	7.92	7.26
Dominica	0.25	0.72	0.73	0.71	0.67	0.55	0.44	0.37	0.31
Dominican Republic	36.85	98.97	105.27	108.51	108.33	95.01	82.70	73.47	66.55
Ecuador	86.60	102.05	108.27	111.17	110.45	96.25	83.11	73.12	65.49
Egypt	270.11	795.23	861.55	902.01	914.52	815.17	721.37	650.87	597.97
El Salvador	20.98	71.67	76.89	80.12	81.06	72.14	63.77	57.56	52.99
Equatorial Guinea	11.41	2.67	3.00	3.26	3.42	3.14	2.86	2.64	2.48
Eritrea	10.90	53.17	58.89	62.94	65.00	58.85	52.77	48.17	44.74
Estonia	16.02	-0.24	-0.23	-0.22	-0.19	-0.15	-0.12	-0.10	-0.08
Ethiopia	100.87	914.41	1,063.31	1,202.09	1,320.07	1,275.66	1,223.73	1,196.61	1,190.72
Fiji	3.25	8.40	8.90	9.16	9.16	8.06	7.06	6.30	5.74
Finland	74.53	14.75	14.69	14.22	13.34	11.00	9.02	7.57	6.51
France	584.51	383.34	388.78	383.07	366.87	309.61	259.77	222.58	194.67
Gabon	19.08	9.41	10.32	11.02	11.46	10.52	9.61	8.99	8.60
Gambia	2.33	19.24	21.53	23.31	24.40	22.39	20.34	18.82	17.73
Georgia	10.40	45.28	44.25	42.03	38.80	31.61	25.69	21.42	18.28
Germany	1,066.09	269.62	266.80	256.68	239.89	197.56	161.98	136.01	116.88
Ghana	90.47	243.74	262.83	274.26	277.14	246.03	216.66	194.58	178.06
Greece	136.46	54.92	54.53	52.62	49.42	40.99	33.86	28.61	24.69
Grenada	1.18	1.06	1.08	1.06	1.00	0.83	0.68	0.57	0.48
Guatemala	97.29	109.37	118.75	124.57	126.27	112.23	98.89	88.86	81.35
Guinea	39.04	98.22	111.44	122.95	131.61	123.78	115.47	109.79	106.26
Guinea-Bissau	5.42	17.36	18.96	20.06	20.56	18.51	16.55	15.10	14.05
Guyana	21.04	-14.94	-15.20	-15.39	-15.18	-13.14	-11.24	-9.78	-8.68
Haiti	13.39	106.64	115.96	122.32	124.78	111.54	98.82	89.30	82.25
Honduras	36.89	66.05	71.18	74.11	74.63	65.97	57.84	51.73	47.19
Hungary	105.05	60.01	58.87	56.21	52.18	42.72	34.84	29.11	24.88
Iceland	3.51	1.56	1.60	1.60	1.54	1.31	1.10	0.95	0.83
India	2,362.46	12,236.0 3	12,910.4 2	13,203.3 3	13,084.2 6	11,393.3 6	9,847.20	8,685.73	7,815.08
Indonesia	3,064.06	873.14	909.60	919.86	903.02	779.24	666.65	581.06	515.71
Iran	715.65	535.52	559.96	564.00	546.24	464.09	392.39	339.26	298.60
Iraq	132.58	275.47	303.83	323.14	332.13	299.45	267.45	243.15	224.76
Ireland	69.96	12.71	13.22	13.30	12.98	11.15	9.53	8.32	7.39
Israel	102.95	43.41	46.20	47.55	47.42	41.53	36.05	31.84	28.59
Italy	612.12	330.19	325.08	311.40	290.34	238.74	195.27	163.16	139.19
Jamaica	78.16	17.51	18.04	18.10	17.66	15.17	12.97	11.36	10.18

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Japan	1,429.60	606.61	589.19	554.40	505.92	406.06	323.77	263.86	219.88
Jordan	34.06	56.98	62.35	66.13	67.88	61.25	54.88	50.17	46.68
Kazakhstan	213.23	48.73	49.20	47.98	45.27	37.59	31.06	26.21	22.53
Kenya	70.66	418.63	450.15	463.91	464.13	410.75	361.61	323.72	294.23
Kiribati	0.01	1.21	1.34	1.44	1.49	1.36	1.23	1.14	1.07
Korea (North)	142.12	198.87	200.49	195.98	185.95	155.50	129.30	109.78	95.05
Korea (South)	702.96	241.69	241.91	235.05	220.95	181.82	147.95	122.42	102.99
Kuwait	94.57	2.20	2.50	2.71	2.83	2.59	2.36	2.19	2.06
Kyrgyzstan	13.73	55.10	58.59	60.21	59.89	52.46	45.75	40.78	37.04
Laos	39.80	51.03	56.23	59.77	61.42	55.47	49.63	45.13	41.62
Latvia	2.61	17.35	16.69	15.55	14.06	11.22	8.93	7.26	6.01
Lebanon	28.06	36.63	37.90	38.05	37.11	31.86	27.11	23.46	20.62
Lesotho	3.31	21.20	21.09	20.30	18.92	15.52	12.72	10.72	9.30
Liberia	83.75	20.78	22.81	24.36	25.27	23.04	20.85	19.26	18.13
Libya	82.28	42.35	45.88	47.92	48.43	43.05	37.98	34.12	31.15
Lithuania	14.32	23.56	23.06	21.89	20.12	16.27	13.10	10.79	9.07
Luxembourg	13.37	-0.85	-0.90	-0.92	-0.92	-0.80	-0.70	-0.62	-0.56
Macedonia, FYR	14.29	16.25	16.31	15.90	15.02	12.47	10.28	8.66	7.45
Madagascar	97.62	191.85	219.92	244.19	262.40	247.33	230.92	219.53	212.26
Malawi	34.41	149.16	169.43	186.22	197.81	184.12	169.68	159.22	152.00
Malaysia	859.29	-138.81	-149.59	-156.32	-158.11	-140.32	-123.55	-111.07	-101.89
Maldives	0.96	3.33	3.31	3.19	3.12	2.70	2.32	2.03	1.82
Mali	43.88	125.97	142.79	156.93	166.62	154.72	141.91	132.26	125.18
Malta	2.97	3.07	3.09	3.02	2.85	2.36	1.95	1.64	1.42
Mauritania	14.47	29.33	32.54	34.92	36.25	33.03	29.83	27.45	25.73
Mauritius	6.79	12.40	12.71	12.64	12.18	10.30	8.63	7.38	6.43
Mexico	846.02	835.82	874.24	887.05	872.21	753.28	645.53	564.31	502.66
Moldova	12.46	36.07	35.64	34.13	31.64	25.81	20.94	17.38	14.71
Mongolia	36.21	14.13	14.99	15.35	15.18	13.18	11.37	9.99	8.92
Morocco	98.08	318.95	333.22	337.86	332.28	287.41	247.02	216.82	194.13
Mozambique	30.39	229.45	250.39	265.41	272.66	246.36	221.44	203.74	191.73
Myanmar	509.94	259.79	266.50	264.93	255.22	215.98	181.38	155.41	135.73
Namibia	14.67	16.13	16.43	16.11	15.24	12.62	10.39	8.75	7.56
Nauru	0.12	0.10	0.11	0.12	0.12	0.10	0.09	0.08	0.07
Nepal	210.99	231.46	249.93	259.92	261.39	230.36	201.12	179.14	162.80
Netherlands	236.60	50.64	51.19	50.32	48.02	40.28	33.53	28.51	24.81
New Zealand	82.25	5.07	5.25	5.27	5.14	4.40	3.73	3.24	2.86
Nicaragua	74.29	27.78	29.85	31.03	31.19	27.51	24.06	21.46	19.50
Niger	15.06	165.62	197.14	227.82	254.70	249.08	240.23	234.76	232.24
Nigeria	821.71	1,454.86	1,579.49	1,659.58	1,687.75	1,506.81	1,334.01	1,204.61	1,109.23

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Niue	0.00	0.02	0.03	0.03	0.03	0.02	0.02	0.02	0.02
Norway	51.42	24.83	25.16	24.85	23.83	20.06	16.77	14.32	12.52
Oman	39.75	19.77	22.56	24.81	26.29	24.34	22.24	20.66	19.51
Pakistan	343.07	1,716.54	1,830.72	1,897.31	1,908.80	1,686.87	1,477.34	1,319.10	1,200.48
Palau	0.12	0.17	0.17	0.17	0.16	0.14	0.12	0.10	0.09
Panama	66.94	3.65	3.87	3.98	3.96	3.45	2.98	2.62	2.34
Papua New Guinea	34.09	1.67	1.81	1.89	1.91	1.70	1.49	1.34	1.22
Paraguay	107.47	42.34	46.92	50.37	52.33	47.70	43.09	39.67	37.20
Peru	184.63	177.64	185.86	188.42	184.86	159.12	135.78	118.14	104.72
Philippines	254.60	910.84	987.50	1,036.42	1,053.23	939.88	831.79	750.44	689.59
Poland	469.46	180.81	178.42	170.59	158.02	128.75	104.32	86.42	73.10
Portugal	79.29	79.36	79.16	76.65	72.09	59.69	49.09	41.16	35.15
Qatar	53.25	-11.19	-11.55	-11.62	-11.40	-9.88	-8.54	-7.58	-6.90
Romania	179.62	154.07	151.25	144.30	133.88	109.59	89.31	74.40	63.24
Russian Federation	1,918.65	206.29	199.76	188.09	172.46	139.85	113.30	94.10	79.92
Rwanda	15.10	108.58	122.36	133.41	141.30	132.08	122.99	117.11	113.83
Saint Kitts & Nevis	0.19	0.49	0.52	0.52	0.51	0.44	0.38	0.33	0.30
Saint Lucia	0.95	1.62	1.63	1.61	1.53	1.28	1.06	0.90	0.77
Saint Vincent & Grenadines	0.47	1.18	1.16	1.12	1.05	0.87	0.71	0.60	0.52
Samoa	0.64	1.92	2.07	2.18	2.24	2.04	1.86	1.74	1.66
Sao Tome & Principe	0.31	1.89	2.16	2.37	2.50	2.30	2.09	1.93	1.81
Saudi Arabia	459.75	108.91	115.43	119.16	120.71	108.53	97.34	89.11	83.01
Senegal	32.20	135.71	152.56	165.77	174.13	160.43	146.47	136.18	128.80
Serbia & Montenegro	80.22	80.69	78.52	74.46	68.74	55.94	45.31	37.56	31.85
Seychelles	0.84	0.73	0.75	0.75	0.73	0.62	0.52	0.44	0.38
Sierra Leone	33.82	57.00	63.97	70.36	75.52	71.47	67.31	64.78	63.61
Singapore	59.15	23.28	23.82	23.54	22.42	18.65	15.29	12.70	10.67
Slovakia	85.35	24.87	24.76	23.90	22.36	18.42	15.09	12.63	10.80
Slovenia	33.02	9.21	9.03	8.57	7.90	6.40	5.17	4.26	3.58
Solomon Islands	0.46	5.58	6.12	6.48	6.64	5.96	5.29	4.79	4.41
South Africa	480.10	287.40	287.67	280.52	266.44	223.54	187.19	160.92	141.90
Spain	455.11	266.19	262.73	251.78	234.74	193.22	158.36	132.49	112.86
Sri Lanka	83.97	201.93	207.65	206.92	199.98	170.05	143.59	123.65	108.50
Sudan	192.89	372.82	412.76	442.74	460.17	420.80	382.85	356.42	339.09
Suriname	4.21	3.24	3.39	3.43	3.36	2.89	2.46	2.14	1.88
Swaziland	2.41	12.66	13.29	13.52	13.34	11.55	9.92	8.71	7.80
Sweden	70.63	60.43	60.79	59.51	56.41	47.00	38.98	33.17	28.95
Switzerland	57.57	53.80	53.95	52.57	49.67	41.23	33.98	28.61	24.61
Syria	88.15	197.97	213.23	222.15	223.78	197.81	173.34	154.74	140.55

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Taiwan	359.20	118.91	118.76	115.05	107.86	88.54	71.86	59.34	49.84
Tajikistan	9.64	74.09	79.93	83.22	83.73	74.00	64.94	58.12	52.96
Tanzania	103.77	425.47	459.25	476.83	477.82	420.27	366.96	327.13	297.57
Thailand	464.85	532.13	541.22	534.03	510.45	428.43	356.87	303.29	262.79
Togo	31.93	69.08	78.06	85.29	90.21	83.86	77.42	72.95	70.03
Tonga	0.21	1.11	1.18	1.23	1.24	1.09	0.95	0.85	0.77
Trinidad & Tobago	42.03	-2.85	-2.81	-2.67	-2.46	-2.00	-1.62	-1.35	-1.15
Tunisia	55.30	97.73	101.38	101.71	98.58	83.80	70.68	60.79	53.18
Turkey	458.09	654.13	684.88	694.01	680.86	586.52	500.92	435.93	386.19
Turkmenistan	89.94	16.34	17.20	17.53	17.25	14.87	12.74	11.15	9.96
Uganda	92.22	340.41	404.80	467.89	525.46	519.86	511.44	513.90	526.50
Ukraine	504.00	166.88	160.74	150.56	137.22	110.47	88.74	73.03	61.44
United Arab Emirates	191.74	-14.35	-16.07	-16.97	-17.03	-14.81	-12.65	-10.95	-9.61
United Kingdom	694.06	289.91	292.87	287.89	274.73	230.67	192.64	164.66	143.96
United States of America	6,375.51	-39.41	-41.16	-41.86	-41.43	-36.17	-31.47	-28.07	-25.65
Uruguay	7.62	33.59	34.09	33.69	32.36	27.36	22.99	19.71	17.25
Uzbekistan	234.30	200.55	209.07	211.46	206.76	177.28	150.89	131.19	116.39
Vanuatu	0.55	2.20	2.32	2.38	2.35	2.05	1.77	1.56	1.40
Venezuela	416.70	98.44	104.73	107.97	107.70	94.25	81.77	72.37	65.32
Vietnam	145.99	944.69	984.44	992.53	967.72	828.24	703.34	609.06	537.21
Yemen	41.05	250.69	278.31	296.95	305.55	275.64	246.42	224.33	207.69
Zambia	249.93	-0.49	-0.52	-0.54	-0.54	-0.47	-0.41	-0.37	-0.33
Zimbabwe	78.53	120.15	133.13	141.90	145.60	131.35	118.19	108.98	102.68
World Total	48,737.71	51,987.3	54,666.4	55,734.8	55,084.7	47,898.4	41,406.7	36,582.5	32,995.7
		3	4	2	4	1	2	9	8

Appendix F8

550V Per Capita Emission Allocations: Emission Debt Approach (tCO₂-eq per person)

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	0.940	9.353	9.314	9.048	8.570	7.174	5.994	5.138	4.514
Albania	5.593	9.696	9.657	9.381	8.885	7.437	6.214	5.327	4.679
Algeria	5.829	8.538	8.503	8.261	7.824	6.549	5.472	4.691	4.121
Angola	5.102	7.785	7.753	7.532	7.133	5.971	4.989	4.277	3.757
Antigua & Barbuda	26.119	-0.247	-0.246	-0.239	-0.226	-0.189	-0.158	-0.136	-0.119
Argentina	10.467	5.933	5.909	5.740	5.437	4.551	3.803	3.260	2.863
Armenia	2.614	10.080	10.039	9.752	9.236	7.732	6.461	5.538	4.865
Australia	26.546	-1.770	-1.763	-1.712	-1.622	-1.358	-1.134	-0.972	-0.854
Austria	12.103	4.921	4.901	4.761	4.509	3.775	3.154	2.704	2.375
Azerbaijan	5.752	7.544	7.513	7.299	6.913	5.787	4.835	4.145	3.641
Bahamas	6.500	7.291	7.261	7.054	6.681	5.592	4.673	4.006	3.519
Bahrain	30.410	-1.795	-1.788	-1.737	-1.645	-1.377	-1.151	-0.986	-0.866
Bangladesh	0.819	9.981	9.940	9.656	9.145	7.655	6.397	5.483	4.817
Barbados	12.893	7.913	7.881	7.656	7.251	6.069	5.071	4.347	3.819
Belarus	7.710	5.613	5.590	5.431	5.143	4.305	3.597	3.084	2.709
Belgium	14.585	2.794	2.783	2.704	2.561	2.143	1.791	1.535	1.349
Belize	89.978	-27.354	-27.242	-26.464	-25.064	-20.981	-17.531	-15.028	-13.201
Benin	11.694	7.170	7.141	6.937	6.570	5.500	4.595	3.939	3.460
Bhutan	2.626	9.387	9.349	9.082	8.601	7.200	6.016	5.157	4.530
Bolivia	9.960	3.510	3.495	3.396	3.216	2.692	2.249	1.928	1.694
Bosnia & Herzegovina	6.205	8.613	8.578	8.333	7.892	6.607	5.520	4.732	4.157
Botswana	15.227	2.298	2.288	2.223	2.105	1.762	1.473	1.262	1.109
Brazil	9.095	4.286	4.268	4.146	3.927	3.287	2.747	2.355	2.068
Brunei	24.501	1.010	1.006	0.977	0.925	0.775	0.647	0.555	0.487
Bulgaria	12.529	5.392	5.370	5.217	4.941	4.136	3.456	2.962	2.602
Burkina Faso	1.353	8.709	8.673	8.425	7.980	6.680	5.581	4.785	4.203
Burundi	1.061	8.832	8.796	8.545	8.093	6.774	5.660	4.852	4.262
Cambodia	4.863	7.730	7.699	7.479	7.083	5.929	4.954	4.247	3.731
Cameroon	10.119	7.064	7.035	6.834	6.473	5.418	4.528	3.881	3.409
Canada	24.434	-1.979	-1.971	-1.914	-1.813	-1.518	-1.268	-1.087	-0.955
Cape Verde	1.230	10.428	10.385	10.089	9.555	7.998	6.683	5.729	5.032
Central African Republic	9.704	6.774	6.746	6.553	6.207	5.196	4.341	3.721	3.269
Chad	2.598	8.748	8.713	8.464	8.016	6.710	5.607	4.806	4.222
Chile	6.956	7.790	7.758	7.537	7.138	5.975	4.993	4.280	3.759
China	5.898	8.676	8.641	8.394	7.950	6.655	5.561	4.767	4.187
Colombia	5.523	7.471	7.440	7.228	6.845	5.730	4.788	4.104	3.605
Comoros	1.264	9.250	9.212	8.949	8.475	7.095	5.928	5.082	4.464

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Congo	7.572	7.442	7.411	7.200	6.819	5.708	4.769	4.088	3.591
Congo, Dem. Republic	11.007	6.894	6.866	6.670	6.317	5.288	4.418	3.788	3.327
Cook Islands	1.851	14.409	14.350	13.941	13.203	11.052	9.235	7.916	6.954
Costa Rica	5.387	7.800	7.768	7.547	7.147	5.983	4.999	4.286	3.764
Côte d'Ivoire	11.419	6.978	6.950	6.751	6.394	5.353	4.472	3.834	3.368
Croatia	8.525	7.698	7.666	7.447	7.053	5.904	4.934	4.229	3.715
Cuba	4.472	9.540	9.501	9.229	8.741	7.317	6.114	5.241	4.604
Cyprus	13.095	5.201	5.180	5.032	4.766	3.989	3.333	2.857	2.510
Czech Republic	17.266	1.980	1.972	1.916	1.815	1.519	1.269	1.088	0.956
Denmark	12.591	3.337	3.323	3.228	3.058	2.560	2.139	1.833	1.610
Djibouti	2.325	8.935	8.899	8.645	8.187	6.854	5.727	4.909	4.312
Dominica	3.486	9.861	9.821	9.541	9.036	7.564	6.320	5.418	4.759
Dominican Republic	3.611	9.028	8.991	8.735	8.273	6.925	5.786	4.960	4.357
Ecuador	6.125	6.727	6.700	6.508	6.164	5.160	4.311	3.696	3.246
Egypt	3.342	8.949	8.913	8.658	8.200	6.864	5.736	4.917	4.319
El Salvador	2.891	9.125	9.088	8.828	8.361	6.999	5.848	5.013	4.404
Equatorial Guinea	20.555	4.220	4.202	4.082	3.866	3.237	2.704	2.318	2.036
Eritrea	2.107	9.121	9.084	8.824	8.357	6.996	5.846	5.011	4.402
Estonia	12.289	-0.193	-0.192	-0.187	-0.177	-0.148	-0.124	-0.106	-0.093
Ethiopia	1.143	8.843	8.807	8.556	8.103	6.783	5.668	4.859	4.268
Fiji	3.662	8.856	8.820	8.568	8.115	6.793	5.676	4.866	4.274
Finland	14.121	2.787	2.775	2.696	2.553	2.137	1.786	1.531	1.345
France	9.327	5.975	5.951	5.781	5.475	4.583	3.830	3.283	2.884
Gabon	13.348	5.968	5.944	5.774	5.469	4.578	3.825	3.279	2.880
Gambia	1.259	9.200	9.162	8.901	8.430	7.057	5.896	5.054	4.440
Georgia	2.363	10.464	10.421	10.124	9.588	8.026	6.707	5.749	5.050
Germany	12.950	3.289	3.275	3.182	3.013	2.523	2.108	1.807	1.587
Ghana	3.639	8.976	8.940	8.684	8.225	6.885	5.753	4.932	4.332
Greece	12.196	4.897	4.877	4.738	4.487	3.756	3.138	2.690	2.363
Grenada	10.834	9.494	9.455	9.185	8.699	7.282	6.085	5.216	4.582
Guatemala	6.882	7.027	6.998	6.798	6.438	5.390	4.503	3.860	3.391
Guinea	3.845	8.478	8.443	8.202	7.768	6.503	5.433	4.658	4.091
Guinea-Bissau	3.065	8.905	8.869	8.616	8.160	6.831	5.708	4.893	4.298
Guyana	29.532	-21.259	-21.172	-20.568	-19.479	-16.306	-13.625	-11.680	-10.260
Haiti	1.314	9.550	9.511	9.240	8.751	7.325	6.121	5.247	4.609
Honduras	4.860	7.948	7.916	7.690	7.283	6.097	5.094	4.367	3.836
Hungary	10.548	6.108	6.083	5.909	5.596	4.685	3.914	3.356	2.948
Iceland	11.366	4.889	4.869	4.730	4.480	3.750	3.133	2.686	2.359
India	2.007	9.743	9.704	9.426	8.928	7.473	6.245	5.353	4.702
Indonesia	13.088	3.543	3.528	3.428	3.246	2.718	2.271	1.947	1.710
Iran	10.003	7.115	7.086	6.883	6.519	5.457	4.560	3.909	3.433

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Iraq	4.468	8.270	8.236	8.001	7.578	6.344	5.300	4.544	3.991
Ireland	15.893	2.741	2.730	2.652	2.512	2.103	1.757	1.506	1.323
Israel	13.634	5.328	5.306	5.155	4.882	4.087	3.415	2.927	2.571
Italy	10.447	5.674	5.651	5.490	5.199	4.352	3.637	3.118	2.738
Jamaica	28.293	6.119	6.094	5.920	5.606	4.693	3.921	3.362	2.953
Japan	11.253	4.855	4.835	4.697	4.448	3.724	3.112	2.667	2.343
Jordan	5.152	8.338	8.304	8.067	7.640	6.396	5.344	4.581	4.024
Kazakhstan	13.827	3.100	3.087	2.999	2.840	2.378	1.987	1.703	1.496
Kenya	1.730	9.174	9.136	8.875	8.406	7.036	5.879	5.040	4.427
Kiribati	0.125	9.775	9.735	9.457	8.957	7.498	6.265	5.370	4.717
Korea (North)	5.870	8.075	8.042	7.813	7.399	6.194	5.175	4.437	3.897
Korea (South)	14.367	4.891	4.871	4.732	4.482	3.752	3.135	2.687	2.361
Kuwait	31.254	0.617	0.615	0.597	0.566	0.473	0.396	0.339	0.298
Kyrgyzstan	2.494	9.322	9.284	9.019	8.541	7.150	5.974	5.121	4.499
Laos	6.245	7.170	7.140	6.937	6.570	5.499	4.595	3.939	3.460
Latvia	1.170	8.027	7.994	7.766	7.355	6.157	5.145	4.410	3.874
Lebanon	6.599	8.217	8.184	7.950	7.529	6.303	5.266	4.514	3.966
Lesotho	1.660	10.586	10.543	10.242	9.700	8.120	6.785	5.816	5.109
Liberia	19.982	4.467	4.448	4.321	4.093	3.426	2.863	2.454	2.156
Libya	12.432	5.797	5.773	5.608	5.312	4.446	3.715	3.185	2.798
Lithuania	4.254	7.101	7.072	6.870	6.507	5.447	4.551	3.901	3.427
Luxembourg	27.545	-1.665	-1.658	-1.611	-1.525	-1.277	-1.067	-0.915	-0.803
Macedonia, FYR	6.935	7.796	7.764	7.542	7.143	5.980	4.997	4.283	3.762
Madagascar	4.506	7.644	7.613	7.396	7.004	5.863	4.899	4.200	3.689
Malawi	2.272	8.590	8.555	8.310	7.871	6.588	5.505	4.719	4.145
Malaysia	30.687	-4.561	-4.542	-4.413	-4.179	-3.498	-2.923	-2.506	-2.201
Maldives	2.776	9.658	9.619	9.344	8.850	7.408	6.190	5.306	4.661
Mali	3.324	8.375	8.341	8.103	7.674	6.424	5.368	4.601	4.042
Malta	7.192	7.314	7.284	7.076	6.702	5.610	4.688	4.018	3.530
Mauritania	4.325	7.812	7.780	7.558	7.158	5.992	5.007	4.292	3.770
Mauritius	5.245	9.250	9.212	8.949	8.476	7.095	5.928	5.082	4.464
Mexico	7.749	7.255	7.225	7.019	6.648	5.565	4.650	3.986	3.501
Moldova	3.232	9.389	9.351	9.084	8.603	7.202	6.018	5.159	4.531
Mongolia	13.163	4.779	4.759	4.623	4.379	3.665	3.063	2.625	2.306
Morocco	3.076	9.495	9.456	9.186	8.700	7.283	6.085	5.216	4.582
Mozambique	1.352	9.319	9.281	9.016	8.539	7.148	5.973	5.120	4.498
Myanmar	10.211	5.019	4.999	4.856	4.599	3.850	3.217	2.758	2.422
Namibia	6.922	7.321	7.291	7.082	6.708	5.615	4.692	4.022	3.533
Nauru	8.254	6.745	6.718	6.526	6.181	5.174	4.323	3.706	3.255
Nepal	7.288	7.336	7.306	7.097	6.722	5.627	4.702	4.030	3.540
Netherlands	14.173	2.981	2.969	2.884	2.732	2.287	1.911	1.638	1.439

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
New Zealand	18.942	1.118	1.113	1.081	1.024	0.857	0.716	0.614	0.539
Nicaragua	12.404	4.268	4.250	4.129	3.910	3.273	2.735	2.345	2.060
Niger	0.943	8.652	8.617	8.371	7.928	6.636	5.545	4.753	4.175
Nigeria	5.251	8.460	8.426	8.185	7.752	6.489	5.422	4.648	4.083
Niue	1.055	10.439	10.396	10.099	9.565	8.007	6.690	5.735	5.038
Norway	10.925	5.190	5.169	5.021	4.755	3.981	3.326	2.851	2.505
Oman	13.506	5.794	5.770	5.605	5.309	4.444	3.713	3.183	2.796
Pakistan	2.030	9.438	9.399	9.131	8.648	7.239	6.049	5.185	4.555
Palau	5.727	8.046	8.013	7.785	7.373	6.172	5.157	4.421	3.883
Panama	19.160	0.975	0.971	0.943	0.893	0.748	0.625	0.536	0.470
Papua New Guinea	5.037	0.224	0.223	0.217	0.205	0.172	0.143	0.123	0.108
Paraguay	16.156	5.682	5.658	5.497	5.206	4.358	3.641	3.122	2.742
Peru	6.349	5.776	5.753	5.588	5.293	4.431	3.702	3.173	2.788
Philippines	2.725	8.886	8.850	8.597	8.142	6.816	5.695	4.882	4.288
Poland	12.331	4.769	4.750	4.614	4.370	3.658	3.057	2.620	2.302
Portugal	7.398	7.343	7.313	7.105	6.729	5.633	4.706	4.034	3.544
Qatar	62.500	-12.643	-12.591	-12.232	-11.584	-9.697	-8.103	-6.946	-6.101
Romania	8.358	7.241	7.212	7.006	6.635	5.554	4.641	3.978	3.495
Russian Federation	13.729	1.513	1.507	1.464	1.386	1.160	0.970	0.831	0.730
Rwanda	1.422	8.925	8.889	8.635	8.178	6.846	5.720	4.904	4.307
Saint Kitts & Nevis	3.841	9.478	9.439	9.170	8.685	7.270	6.075	5.207	4.574
Saint Lucia	5.657	9.398	9.360	9.093	8.612	7.209	6.023	5.163	4.536
Saint Vincent & Grenadines	3.997	10.232	10.190	9.899	9.376	7.848	6.558	5.622	4.938
Samoa	3.256	9.115	9.078	8.819	8.352	6.992	5.842	5.008	4.399
Sao Tome & Principe	1.758	9.100	9.063	8.804	8.338	6.980	5.832	5.000	4.392
Saudi Arabia	17.978	3.942	3.926	3.814	3.612	3.024	2.527	2.166	1.903
Senegal	2.385	8.825	8.789	8.538	8.086	6.769	5.656	4.849	4.259
Serbia & Montenegro	7.567	7.789	7.757	7.536	7.137	5.975	4.992	4.279	3.759
Seychelles	9.626	7.953	7.921	7.695	7.288	6.101	5.097	4.370	3.838
Sierra Leone	5.434	8.172	8.139	7.906	7.488	6.268	5.238	4.490	3.944
Singapore	13.053	4.948	4.928	4.787	4.534	3.795	3.171	2.719	2.388
Slovakia	15.731	4.563	4.544	4.414	4.181	3.500	2.924	2.507	2.202
Slovenia	16.568	4.668	4.648	4.516	4.277	3.580	2.991	2.564	2.253
Solomon Islands	0.868	9.364	9.326	9.060	8.580	7.183	6.002	5.145	4.519
South Africa	9.899	6.027	6.002	5.831	5.522	4.623	3.863	3.311	2.909
Spain	10.433	6.112	6.087	5.914	5.601	4.688	3.917	3.358	2.950
Sri Lanka	4.069	9.405	9.367	9.099	8.618	7.214	6.028	5.167	4.539
Sudan	4.702	8.150	8.117	7.885	7.468	6.251	5.224	4.478	3.933
Suriname	8.814	6.446	6.420	6.236	5.907	4.944	4.131	3.542	3.111
Swaziland	1.985	9.814	9.774	9.495	8.992	7.528	6.290	5.392	4.736
Sweden	7.765	6.586	6.560	6.372	6.035	5.052	4.221	3.619	3.179

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Switzerland	7.605	7.038	7.009	6.809	6.449	5.399	4.511	3.867	3.397
Syria	3.901	8.501	8.466	8.225	7.790	6.521	5.448	4.671	4.103
Taiwan	15.469	5.080	5.059	4.914	4.654	3.896	3.256	2.791	2.451
Tajikistan	1.340	9.410	9.372	9.104	8.622	7.218	6.031	5.170	4.541
Tanzania	2.431	9.055	9.018	8.761	8.297	6.946	5.804	4.975	4.370
Thailand	7.139	7.956	7.923	7.697	7.290	6.102	5.099	4.371	3.840
Togo	4.459	8.436	8.401	8.161	7.729	6.470	5.406	4.635	4.071
Tonga	1.957	9.576	9.537	9.265	8.774	7.345	6.137	5.261	4.621
Trinidad & Tobago	31.955	-2.177	-2.168	-2.106	-1.995	-1.670	-1.395	-1.196	-1.051
Tunisia	5.248	8.851	8.815	8.563	8.110	6.789	5.673	4.863	4.272
Turkey	5.937	7.994	7.961	7.734	7.324	6.131	5.123	4.392	3.858
Turkmenistan	17.567	3.014	3.002	2.916	2.762	2.312	1.932	1.656	1.455
Uganda	2.690	8.303	8.269	8.033	7.608	6.368	5.321	4.561	4.007
Ukraine	11.063	3.780	3.765	3.657	3.464	2.900	2.423	2.077	1.824
United Arab Emirates	38.373	-2.473	-2.463	-2.393	-2.266	-1.897	-1.585	-1.359	-1.194
United Kingdom	11.366	4.679	4.660	4.527	4.288	3.589	2.999	2.571	2.258
United States of America	20.485	-0.121	-0.120	-0.117	-0.111	-0.093	-0.077	-0.066	-0.058
Uruguay	2.250	9.708	9.668	9.392	8.895	7.446	6.222	5.333	4.685
Uzbekistan	8.528	6.966	6.938	6.739	6.383	5.343	4.465	3.827	3.362
Vanuatu	2.371	8.913	8.877	8.624	8.167	6.837	5.713	4.897	4.302
Venezuela	14.554	3.197	3.184	3.093	2.929	2.452	2.049	1.756	1.543
Vietnam	1.656	10.172	10.130	9.841	9.320	7.802	6.519	5.588	4.909
Yemen	1.685	9.066	9.029	8.771	8.307	6.954	5.810	4.981	4.375
Zambia	20.075	-0.036	-0.036	-0.035	-0.033	-0.028	-0.023	-0.020	-0.018
Zimbabwe	5.979	7.491	7.460	7.247	6.864	5.746	4.801	4.115	3.615

Appendix F9

550V Total Emission Allocations: Annex I Only Approach (MtCO₂-eq)

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	32.07	40.45	52.48	58.89	62.34	64.89	71.28	78.65	82.26
Albania	18.12	22.20	26.19	27.61	28.75	28.30	28.41	28.49	28.01
Algeria	203.43	270.34	341.74	432.94	494.30	556.02	642.72	715.95	749.79
Angola	91.66	74.13	57.04	55.53	67.07	71.54	76.04	80.62	82.65
Antigua & Barbuda	2.31	2.26	2.21	2.41	2.54	2.61	2.62	2.55	2.44
Argentina	427.95	496.40	554.87	608.91	661.04	703.15	831.42	1,007.12	980.53
Armenia	7.85	8.54	9.30	10.26	11.11	11.79	12.25	12.40	12.27
Australia	575.90	416.82	370.26	255.00	106.35	-168.26	-511.47	-862.94	-1,026.09
Austria	100.00	76.49	67.95	46.80	19.52	-30.88	-93.86	-158.37	-188.31
Azerbaijan	50.00	55.54	61.75	67.04	71.66	75.83	79.29	79.83	78.70
Bahamas	2.20	2.12	2.08	2.41	2.70	2.99	3.17	3.27	3.17
Bahrain	23.61	26.46	30.12	36.33	45.03	54.71	63.65	68.56	69.42
Bangladesh	133.98	138.85	150.87	188.07	229.39	274.11	326.12	371.46	397.33
Barbados	3.84	6.13	8.42	9.47	10.45	11.29	11.87	11.99	11.42
Belarus	73.86	139.41	123.84	85.29	35.57	-56.28	-171.07	-288.63	-343.20
Belgium	153.71	137.89	122.49	84.36	35.18	-55.67	-169.20	-285.48	-339.45
Belize	29.38	24.22	19.21	78.26	75.44	68.93	62.30	55.25	47.52
Benin	115.60	181.63	198.69	250.41	255.88	295.07	337.72	373.79	405.58
Bhutan	1.79	2.39	3.03	3.57	4.21	4.89	5.71	6.35	6.82
Bolivia	100.27	55.14	7.72	-21.87	-51.00	-80.12	53.57	304.13	343.44
Bosnia & Herzegovina	24.47	27.30	29.97	33.32	35.06	35.17	34.37	32.60	29.89
Botswana	30.83	34.40	37.70	30.75	37.43	36.00	34.56	33.28	30.95
Brazil	1,808.11	1,260.86	682.90	347.73	-12.05	-424.14	1,753.83	5,835.79	6,579.04
Brunei	10.02	11.82	14.10	15.99	18.39	18.42	17.87	17.38	16.45
Bulgaria	93.05	111.55	99.09	68.24	28.46	-45.03	-136.88	-230.94	-274.61
Burkina Faso	22.02	19.91	16.89	21.39	25.00	29.31	34.70	40.67	47.04
Burundi	10.08	14.15	15.31	16.29	17.89	19.84	23.31	28.96	37.14
Cambodia	74.03	76.10	103.63	94.56	101.77	95.04	88.83	86.26	91.32
Cameroon	201.28	272.75	240.42	306.48	273.00	305.21	342.23	378.24	413.07
Canada	822.99	670.82	595.89	410.40	171.16	-270.80	-823.14	-1,388.81	-1,651.38
Cape Verde	0.64	0.73	0.86	1.16	1.52	1.94	2.39	2.83	3.21
Central African Republic	43.88	48.34	40.15	51.19	50.27	57.41	65.38	71.81	78.12
Chad	29.56	32.44	30.39	38.34	41.55	48.03	55.40	61.93	68.04
Chile	118.68	142.82	167.49	195.96	222.92	242.43	278.19	322.01	310.09
China	7,936.61	8,756.66	9,336.64	10,794.9 9	12,408.7 2	13,650.7 2	14,376.0 9	14,641.10	14,257.98

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Colombia	264.48	252.71	236.00	236.26	233.82	223.53	405.40	722.60	759.05
Comoros	0.87	1.49	2.23	2.94	3.78	4.61	5.71	6.99	8.58
Congo	31.29	36.52	28.69	36.38	31.88	36.46	41.54	46.82	51.75
Congo, Dem. Republic	758.20	1,051.20	912.87	1,134.80	951.37	1,052.66	1,160.14	1,259.73	1,357.47
Cook Islands	0.03	0.06	0.09	0.10	0.10	0.10	0.10	0.09	0.09
Costa Rica	25.01	23.33	21.87	50.90	50.93	49.12	46.70	43.68	39.75
Côte d'Ivoire	236.21	329.66	304.40	386.76	359.20	419.50	491.37	576.41	662.16
Croatia	37.80	31.81	28.26	19.46	8.12	-12.84	-39.04	-65.86	-78.32
Cuba	51.03	59.93	68.85	105.18	115.76	123.95	128.52	127.29	117.97
Cyprus	10.83	12.57	14.30	16.49	19.30	22.36	25.37	27.66	28.58
Czech Republic	176.02	187.84	166.86	114.92	47.93	-75.83	-230.50	-388.89	-462.42
Denmark	69.24	69.20	61.47	42.34	17.66	-27.93	-84.91	-143.26	-170.35
Djibouti	2.08	2.63	3.42	4.77	6.28	7.82	9.61	11.36	13.11
Dominica	0.25	0.30	0.35	0.41	0.45	0.49	0.52	0.54	0.53
Dominican Republic	36.85	46.73	56.89	65.46	73.71	81.48	86.76	88.75	84.92
Ecuador	86.60	74.11	61.56	55.06	47.05	36.37	136.68	314.94	339.13
Egypt	270.11	326.42	392.40	485.66	593.14	718.36	863.52	994.65	1,077.96
El Salvador	20.98	23.59	26.40	40.99	43.32	44.73	44.91	44.03	41.59
Equatorial Guinea	11.41	14.45	11.57	14.57	12.00	13.35	14.83	16.36	17.81
Eritrea	10.90	18.03	27.20	38.64	51.86	66.72	97.22	165.22	265.86
Estonia	16.02	42.55	37.80	26.03	10.86	-17.18	-52.22	-88.10	-104.75
Ethiopia	100.87	133.77	170.87	215.60	269.11	323.15	395.08	483.64	589.33
Fiji	3.25	3.20	3.22	3.44	3.46	3.46	3.48	3.44	3.45
Finland	74.53	70.11	62.28	42.89	17.89	-28.30	-86.03	-145.15	-172.60
France	584.51	541.03	480.60	331.00	138.05	-218.41	-663.89	-1,120.11	-1,331.88
Gabon	19.08	25.87	30.27	61.40	71.47	62.81	61.51	71.92	84.21
Gambia	2.33	3.51	4.35	5.90	7.14	8.71	10.47	12.01	13.41
Georgia	10.40	12.35	14.16	15.49	16.75	17.62	18.26	18.50	18.31
Germany	1,066.09	1,209.32	1,074.24	739.84	308.57	-488.19	1,483.92	-2,503.67	-2,977.02
Ghana	90.47	122.72	119.68	154.60	157.37	188.45	222.70	256.22	284.80
Greece	136.46	101.22	89.91	61.92	25.83	-40.86	-124.20	-209.55	-249.17
Grenada	1.18	2.15	3.17	3.58	3.95	4.28	4.58	4.78	4.79
Guatemala	97.29	78.89	60.85	219.09	213.39	197.93	180.22	160.60	137.99
Guinea	39.04	46.99	41.35	52.79	51.91	61.48	72.44	83.86	94.59
Guinea-Bissau	5.42	7.40	7.84	10.20	11.10	13.13	15.40	17.39	19.22
Guyana	21.04	2.68	-15.74	-28.15	-40.65	-53.92	-0.70	101.63	121.06
Haiti	13.39	12.50	11.69	18.40	19.10	19.33	19.07	18.48	17.59
Honduras	36.89	32.06	27.43	77.72	77.06	73.29	68.53	62.98	56.07
Hungary	105.05	104.56	92.88	63.97	26.68	-42.21	-128.30	-216.47	-257.40

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Iceland	3.51	3.04	2.70	1.86	0.78	-1.23	-3.73	-6.29	-7.48
India	2,362.46	3,056.76	3,871.02	4,962.53	6,301.29	7,812.60	9,385.12	10,731.90	11,454.51
Indonesia	3,064.06	3,291.36	4,672.36	4,307.68	4,724.46	4,468.06	4,196.21	4,073.53	4,246.72
Iran	715.65	868.66	1,032.56	1,225.35	1,464.25	1,713.42	1,919.78	2,031.52	2,061.86
Iraq	132.58	145.03	159.94	188.03	221.91	258.90	294.39	318.53	326.75
Ireland	69.96	53.09	47.16	32.48	13.55	-21.43	-65.15	-109.91	-130.69
Israel	102.95	128.28	154.26	183.75	218.83	260.86	302.38	333.01	348.32
Italy	612.12	506.89	450.27	310.11	129.34	-204.62	-621.99	-1,049.42	-1,247.82
Jamaica	78.16	132.94	188.29	211.75	217.78	218.49	215.97	207.51	201.06
Japan	1,429.60	1,207.80	1,072.89	738.91	308.18	-487.57	1,482.06	-2,500.53	-2,973.28
Jordan	34.06	46.78	60.82	73.21	86.48	101.68	117.18	129.09	134.62
Kazakhstan	213.23	243.05	274.38	303.81	330.60	353.80	371.16	377.31	371.67
Kenya	70.66	92.25	115.86	152.78	197.36	249.83	319.80	408.68	516.87
Kiribati	0.01	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Korea (North)	142.12	165.25	183.50	208.41	235.46	257.42	271.39	277.49	269.39
Korea (South)	702.96	873.54	1,013.15	1,209.12	1,410.94	1,582.47	1,711.20	1,790.68	1,805.93
Kuwait	94.57	101.63	111.40	135.52	168.69	206.34	239.97	256.99	259.82
Kyrgyzstan	13.73	18.28	22.93	25.41	27.58	29.30	30.39	30.68	30.12
Laos	39.80	41.48	54.17	51.01	54.54	51.96	49.53	48.88	51.42
Latvia	2.61	25.84	22.95	15.81	6.59	-10.43	-31.70	-53.49	-63.60
Lebanon	28.06	36.40	44.54	51.97	61.42	71.76	82.09	90.14	94.08
Lesotho	3.31	4.06	5.03	6.33	7.73	9.08	10.36	11.61	12.64
Liberia	83.75	116.67	96.49	120.10	94.05	103.58	113.43	123.28	132.95
Libya	82.28	107.20	136.44	172.71	199.17	225.95	258.87	283.61	292.33
Lithuania	14.32	46.91	41.67	28.70	11.97	-18.94	-57.56	-97.12	-115.48
Luxembourg	13.37	11.75	10.44	7.19	3.00	-4.74	-14.42	-24.33	-28.93
Macedonia, FYR	14.29	17.72	21.17	23.02	24.21	23.37	22.31	20.94	19.08
Madagascar	97.62	122.17	120.22	116.60	116.51	114.85	119.39	126.92	148.73
Malawi	34.41	36.26	37.47	25.81	32.16	27.73	23.34	19.31	14.47
Malaysia	859.29	922.32	1,302.74	1,206.00	1,321.77	1,251.09	1,173.62	1,140.15	1,190.48
Maldives	0.96	1.18	1.45	1.87	2.41	3.02	3.68	4.24	4.58
Mali	43.88	48.28	41.70	52.49	52.85	60.49	68.56	74.86	80.25
Malta	2.97	3.07	3.14	3.22	3.23	3.16	3.06	2.93	2.76
Mauritania	14.47	13.32	12.36	16.03	19.99	24.37	29.21	33.45	36.96
Mauritius	6.79	10.41	15.28	21.80	29.46	38.24	48.89	59.84	70.30
Mexico	846.02	944.35	1,043.38	1,466.61	1,612.75	1,741.87	1,824.74	1,835.63	1,755.66
Moldova	12.46	12.75	13.10	14.48	15.69	16.71	17.40	17.60	17.32
Mongolia	36.21	40.99	45.44	49.06	53.14	56.00	57.21	56.76	54.12
Morocco	98.08	116.58	137.38	166.76	202.91	244.93	294.39	335.94	357.74

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Mozambique	30.39	29.47	29.08	28.96	35.26	37.67	40.35	43.91	46.49
Myanmar	509.94	541.65	765.87	693.72	745.10	689.83	635.20	611.90	647.40
Namibia	14.67	17.02	19.78	22.63	27.60	31.90	36.15	40.09	42.94
Nauru	0.12	0.13	0.14	0.15	0.15	0.15	0.15	0.14	0.14
Nepal	210.99	246.46	326.67	344.44	316.01	272.38	260.20	277.14	250.27
Netherlands	236.60	218.44	194.04	133.64	55.74	-88.18	-268.04	-452.24	-537.74
New Zealand	82.25	64.54	57.33	39.48	16.47	-26.05	-79.19	-133.62	-158.88
Nicaragua	74.29	54.23	34.24	180.78	172.29	154.70	136.17	116.85	96.46
Niger	15.06	17.91	20.02	26.37	31.87	38.04	45.37	52.54	59.05
Nigeria	821.71	1,117.25	1,197.86	1,860.63	2,063.32	2,105.15	2,290.97	2,632.05	2,975.37
Niue	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Norway	51.42	43.57	38.70	26.65	11.12	-17.59	-53.46	-90.20	-107.25
Oman	39.75	43.60	48.63	58.16	70.55	84.01	95.62	102.01	103.20
Pakistan	343.07	422.81	524.70	634.89	757.99	890.08	1,036.32	1,166.84	1,230.14
Palau	0.12	0.14	0.15	0.16	0.17	0.17	0.17	0.17	0.17
Panama	66.94	52.26	37.75	168.31	161.21	145.92	129.89	112.99	94.83
Papua New Guinea	34.09	-155.55	-236.60	-260.71	-295.96	-302.13	-261.13	-294.11	-230.59
Paraguay	107.47	155.26	190.75	183.08	173.60	162.22	194.94	265.18	284.51
Peru	184.63	110.53	36.16	-6.47	-51.48	-105.08	190.07	739.54	832.58
Philippines	254.60	287.65	367.24	388.90	444.42	476.99	507.70	534.47	554.66
Poland	469.46	447.72	397.71	273.91	114.24	-180.74	-549.38	-926.92	-1,102.17
Portugal	79.29	54.81	48.69	33.53	13.99	-22.13	-67.26	-113.48	-134.93
Qatar	53.25	56.34	61.19	74.13	90.82	108.77	123.60	131.40	132.91
Romania	179.62	241.54	214.56	147.77	61.63	-97.51	-296.39	-500.06	-594.61
Russian Federation	1,918.65	3,037.09	2,697.83	1,858.04	774.93	1,226.03	3,726.72	-6,287.71	-7,476.47
Rwanda	15.10	21.18	25.06	29.93	36.20	43.65	54.49	69.71	89.79
Saint Kitts & Nevis	0.19	0.28	0.38	0.44	0.49	0.53	0.56	0.58	0.57
Saint Lucia	0.95	1.41	1.88	2.13	2.35	2.55	2.71	2.80	2.76
Saint Vincent & Grenadines	0.47	0.62	0.77	0.86	0.93	0.98	1.00	1.00	0.97
Samoa	0.64	0.82	1.04	1.13	1.13	1.13	1.14	1.12	1.14
Sao Tome & Principe	0.31	0.45	0.62	0.84	1.09	1.38	1.69	1.98	2.22
Saudi Arabia	459.75	552.41	655.08	779.43	922.85	1,077.43	1,209.12	1,304.84	1,348.82
Senegal	32.20	42.69	50.25	67.24	83.66	108.46	139.03	173.08	205.99
Serbia & Montenegro	80.22	95.04	108.60	117.70	122.61	121.58	117.89	111.51	102.65
Seychelles	0.84	1.22	1.74	2.44	3.26	4.18	5.28	6.41	7.49
Sierra Leone	33.82	45.44	39.33	49.61	43.38	49.55	56.39	63.44	70.26
Singapore	59.15	72.71	87.22	108.14	134.60	162.19	188.52	209.11	217.94
Slovakia	85.35	72.34	64.26	44.26	18.46	-29.20	-88.77	-149.77	-178.08

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Slovenia	33.02	17.22	15.30	10.54	4.39	-6.95	-21.13	-35.66	-42.40
Solomon Islands	0.46	0.34	0.33	0.34	0.31	0.30	0.33	0.27	0.32
South Africa	480.10	568.99	676.30	823.22	992.77	1,183.30	1,374.02	1,553.15	1,696.83
Spain	455.11	277.00	246.06	169.46	70.68	-111.82	-339.90	-573.48	-681.90
Sri Lanka	83.97	111.27	150.83	172.49	186.36	198.92	221.06	246.67	254.23
Sudan	192.89	236.23	279.37	343.39	425.34	514.57	642.64	804.95	1,022.95
Suriname	4.21	4.20	4.17	4.78	5.32	5.73	6.01	6.17	6.03
Swaziland	2.41	3.56	4.85	5.40	7.35	8.55	9.68	10.76	11.43
Sweden	70.63	71.33	63.36	43.64	18.20	-28.79	-87.52	-147.67	-175.59
Switzerland	57.57	52.38	46.53	32.05	13.37	-21.15	-64.28	-108.44	-128.95
Syria	88.15	107.11	128.61	151.69	178.06	205.71	227.55	240.47	244.55
Taiwan	359.20	438.92	499.47	584.94	676.37	746.46	791.88	803.19	777.22
Tajikistan	9.64	10.01	10.31	12.58	14.84	16.59	18.22	18.78	19.19
Tanzania	103.77	118.02	136.38	154.14	185.10	205.03	225.01	247.67	261.04
Thailand	464.85	545.03	657.51	754.52	885.33	997.32	1,101.13	1,177.88	1,200.14
Togo	31.93	47.69	52.39	69.85	78.34	98.43	123.76	150.89	178.06
Tonga	0.21	0.21	0.22	0.23	0.23	0.23	0.23	0.22	0.22
Trinidad & Tobago	42.03	53.98	66.12	77.91	91.79	105.64	116.13	120.00	113.63
Tunisia	55.30	71.89	89.56	107.93	126.89	147.38	177.08	200.93	211.46
Turkey	458.09	285.82	253.89	174.86	72.93	-115.38	-350.72	-591.73	-703.60
Turkmenistan	89.94	91.63	95.00	106.04	114.85	121.20	125.43	127.02	127.37
Uganda	92.22	141.22	177.62	202.95	235.32	265.14	323.37	433.64	599.52
Ukraine	504.00	947.21	841.41	579.49	241.69	-382.38	1,162.30	-1,961.03	-2,331.78
United Arab Emirates	191.74	228.13	276.01	341.79	434.08	536.97	628.68	670.23	672.21
United Kingdom	694.06	723.00	642.24	442.32	184.48	-291.86	-887.17	-1,496.83	-1,779.83
United States of America	6,375.51	5,645.90	5,015.24	3,454.07	1,440.59	2,279.17	6,927.92	11,688.77	13,898.65
Uruguay	7.62	-1.78	-13.38	-19.79	-26.85	-34.64	4.64	79.16	94.76
Uzbekistan	234.30	300.36	368.78	410.21	449.45	484.66	513.56	527.89	526.58
Vanuatu	0.55	0.63	0.73	0.76	0.77	0.77	0.77	0.77	0.77
Venezuela	416.70	442.76	459.23	476.66	497.81	522.24	813.34	1,260.44	1,242.42
Vietnam	145.99	170.11	222.45	250.25	298.05	332.29	365.94	393.15	407.35
Yemen	41.05	45.19	49.61	57.54	66.25	75.48	84.38	91.07	94.49
Zambia	249.93	248.17	236.69	112.23	144.61	84.05	23.47	-36.90	-98.93
Zimbabwe	78.53	83.76	88.08	72.16	89.28	88.43	87.94	87.91	85.53
World Total	48,737.71	52,486.9 3	54,954.2 8	55,820.4 9	54,994.7 0	47,686.6 3	41,120.6 5	36,249.01	32,631.83

Appendix F10

550V Per Capita Emission Allocations: Annex I Only Approach (tCO2-eq per person)

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	0.940	1.060	1.245	1.275	1.246	1.213	1.257	1.318	1.316
Albania	5.593	6.661	7.651	7.908	8.146	7.976	7.987	8.002	7.879
Algeria	5.829	7.312	8.776	10.650	11.765	12.916	14.669	16.149	16.826
Angola	5.102	3.733	2.610	2.319	2.573	2.541	2.519	2.508	2.429
Antigua & Barbuda	26.119	23.929	22.021	22.774	22.805	22.491	21.844	20.697	19.469
Argentina	10.467	11.558	12.364	13.055	13.699	14.143	16.302	19.338	18.529
Armenia	2.614	2.829	3.045	3.331	3.599	3.829	4.004	4.098	4.120
Australia	26.546	18.170	15.340	10.095	4.048	-6.197	-18.312	-30.147	-35.076
Austria	12.103	9.247	8.218	5.681	2.390	-3.833	-11.862	-20.442	-24.891
Azerbaijan	5.752	6.110	6.512	6.847	7.155	7.447	7.690	7.679	7.551
Bahamas	6.500	6.012	5.658	6.350	6.936	7.522	7.901	8.098	7.842
Bahrain	30.410	32.101	34.596	39.776	47.394	55.881	63.596	67.373	67.298
Bangladesh	0.819	0.794	0.806	0.941	1.085	1.238	1.421	1.572	1.643
Barbados	12.893	20.244	27.426	30.562	33.659	36.542	38.814	39.900	38.845
Belarus	7.710	14.821	13.435	9.474	4.057	-6.603	-20.690	-36.081	-44.499
Belgium	14.585	13.046	11.577	7.982	3.343	-5.331	-16.398	-28.085	-33.973
Belize	89.978	67.154	48.750	183.434	164.797	141.499	121.036	102.224	84.189
Benin	11.694	15.925	15.224	16.912	15.373	15.929	16.542	16.766	16.798
Bhutan	2.626	3.305	3.975	4.481	5.064	5.677	6.433	6.988	7.366
Bolivia	9.960	5.044	0.655	-1.734	-3.800	-5.645	3.592	19.514	21.205
Bosnia & Herzegovina	6.205	6.926	7.647	8.610	9.238	9.506	9.582	9.421	9.000
Botswana	15.227	15.797	16.340	12.707	14.892	13.851	12.871	12.001	10.802
Brazil	9.095	6.006	3.103	1.517	-0.051	-1.735	7.005	22.906	25.529
Brunei	24.501	26.557	29.320	30.945	33.410	31.664	29.288	27.306	24.889

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Bulgaria	12.529	15.636	14.520	10.498	4.612	-7.708	-24.836	-44.629	-56.827
Burkina Faso	1.353	1.050	0.767	0.841	0.856	0.879	0.918	0.956	0.990
Burundi	1.061	1.270	1.184	1.094	1.053	1.033	1.084	1.216	1.421
Cambodia	4.863	4.568	5.707	4.832	4.887	4.331	3.865	3.605	3.693
Cameroon	10.119	12.371	9.936	11.648	9.619	10.040	10.582	11.060	11.478
Canada	24.434	19.156	16.414	10.952	4.449	-6.890	-20.590	-34.256	-40.237
Cape Verde	1.230	1.359	1.571	2.117	2.787	3.604	4.589	5.679	6.832
Central African Republic	9.704	9.965	7.781	9.420	8.862	9.760	10.760	11.470	12.128
Chad	2.598	2.584	2.207	2.553	2.547	2.720	2.907	3.019	3.079
Chile	6.956	8.041	9.104	10.350	11.526	12.361	14.079	16.262	15.701
China	5.898	6.293	6.536	7.439	8.502	9.357	9.897	10.161	10.025
Colombia	5.523	4.991	4.438	4.260	4.075	3.797	6.763	11.920	12.461
Comoros	1.264	1.885	2.499	2.915	3.345	3.673	4.121	4.616	5.228
Congo	7.572	7.668	5.262	5.895	4.624	4.793	5.006	5.221	5.382
Congo, Dem. Republic	11.007	13.093	9.830	10.652	7.859	7.727	7.638	7.505	7.382
Cook Islands	1.851	4.197	7.159	8.190	9.155	9.924	10.424	10.676	10.661
Costa Rica	5.387	4.720	4.185	9.293	8.946	8.366	7.769	7.145	6.434
Côte d'Ivoire	11.419	14.407	12.151	14.240	12.303	13.468	14.884	16.571	18.164
Croatia	8.525	7.210	6.459	4.503	1.910	-3.087	-9.626	-16.712	-20.508
Cuba	4.472	5.205	5.947	9.082	10.059	10.913	11.546	11.747	11.257
Cyprus	13.095	14.089	15.051	16.537	18.715	21.271	23.943	26.154	27.378
Czech Republic	17.266	18.557	16.675	11.682	4.981	-8.088	-25.305	-44.056	-54.183
Denmark	12.591	12.435	10.927	7.452	3.090	-4.892	-14.966	-25.502	-30.647
Djibouti	2.325	2.630	3.073	3.885	4.694	5.431	6.268	7.040	7.783
Dominica	3.486	4.113	4.789	5.471	6.106	6.774	7.409	7.934	8.144
Dominican Republic	3.611	4.263	4.860	5.269	5.629	5.939	6.070	5.992	5.560
Ecuador	6.125	4.886	3.809	3.223	2.626	1.950	7.090	15.920	16.811
Egypt	3.342	3.673	4.059	4.662	5.318	6.049	6.866	7.514	7.786
El Salvador	2.891	3.003	3.121	4.516	4.469	4.340	4.119	3.835	3.456
Equatorial Guinea	20.555	22.860	16.210	18.257	13.559	13.748	14.038	14.366	14.616
Eritrea	2.107	3.093	4.196	5.417	6.667	7.932	10.770	17.188	26.160
Estonia	12.289	33.730	31.123	22.432	9.848	-16.447	-52.885	-94.749	-120.354
Ethiopia	1.143	1.294	1.415	1.535	1.652	1.718	1.830	1.964	2.112
Fiji	3.662	3.372	3.189	3.215	3.064	2.916	2.800	2.652	2.565
Finland	14.121	13.244	11.763	8.133	3.425	-5.500	-17.041	-29.358	-35.657
France	9.327	8.434	7.357	4.995	2.060	-3.233	-9.788	-16.521	-19.729
Gabon	13.348	16.400	17.439	32.170	34.095	27.339	24.480	26.223	28.186
Gambia	1.259	1.678	1.850	2.254	2.467	2.746	3.037	3.227	3.358
Georgia	2.363	2.853	3.336	3.731	4.139	4.474	4.767	4.966	5.058
Germany	12.950	14.751	13.187	9.171	3.876	-6.233	-19.309	-33.260	-40.426
Ghana	3.639	4.519	4.071	4.895	4.670	5.274	5.913	6.494	6.929

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Greece	12.196	9.025	8.042	5.575	2.345	-3.744	-11.511	-19.705	-23.853
Grenada	10.834	19.273	27.777	31.123	34.277	37.484	40.854	43.845	45.890
Guatemala	6.882	5.068	3.586	11.956	10.881	9.505	8.207	6.978	5.752
Guinea	3.845	4.055	3.133	3.522	3.064	3.230	3.408	3.558	3.642
Guinea-Bissau	3.065	3.798	3.667	4.380	4.406	4.845	5.312	5.633	5.879
Guyana	29.532	3.806	-21.924	-37.618	-52.180	-66.932	-0.843	121.410	143.165
Haiti	1.314	1.119	0.958	1.389	1.339	1.270	1.181	1.086	0.986
Honduras	4.860	3.858	3.050	8.065	7.520	6.773	6.036	5.317	4.558
Hungary	10.548	10.642	9.596	6.724	2.861	-4.629	-14.415	-24.955	-30.491
Iceland	11.366	9.508	8.196	5.503	2.251	-3.516	-10.614	-17.875	-21.303
India	2.007	2.434	2.909	3.543	4.300	5.125	5.952	6.614	6.892
Indonesia	13.088	13.355	18.125	16.052	16.984	15.582	14.293	13.646	14.080
Iran	10.003	11.540	13.066	14.955	17.475	20.148	22.309	23.406	23.709
Iraq	4.468	4.354	4.336	4.656	5.063	5.485	5.835	5.952	5.802
Ireland	15.893	11.453	9.742	6.476	2.622	-4.041	-12.011	-19.908	-23.385
Israel	13.634	15.743	17.718	19.917	22.530	25.666	28.644	30.616	31.326
Italy	10.447	8.711	7.828	5.467	2.316	-3.730	-11.584	-20.052	-24.550
Jamaica	28.293	46.443	63.607	69.250	69.157	67.597	65.277	61.394	58.301
Japan	11.253	9.666	8.804	6.260	2.710	-4.471	-14.243	-25.277	-31.682
Jordan	5.152	6.846	8.100	8.930	9.733	10.617	11.410	11.787	11.605
Kazakhstan	13.827	15.460	17.218	18.988	20.743	22.379	23.743	24.513	24.678
Kenya	1.730	2.022	2.352	2.923	3.574	4.280	5.200	6.363	7.777
Kiribati	0.125	0.217	0.288	0.271	0.252	0.231	0.208	0.188	0.170
Korea (North)	5.870	6.710	7.361	8.308	9.369	10.253	10.863	11.214	11.045
Korea (South)	14.367	17.679	20.402	24.343	28.621	32.654	36.259	39.307	41.392
Kuwait	31.254	28.567	27.426	29.889	33.735	37.680	40.259	39.870	37.521
Kyrgyzstan	2.494	3.093	3.634	3.806	3.934	3.994	3.968	3.853	3.658
Laos	6.245	5.828	6.879	5.920	5.833	5.151	4.586	4.266	4.275
Latvia	1.170	11.951	10.996	7.896	3.448	-5.721	-18.266	-32.498	-40.998
Lebanon	6.599	8.165	9.616	10.858	12.460	14.197	15.947	17.345	18.095
Lesotho	1.660	2.029	2.516	3.195	3.962	4.750	5.528	6.299	6.944
Liberia	19.982	25.077	18.815	21.304	15.233	15.399	15.571	15.710	15.808
Libya	12.432	14.674	17.168	20.212	21.844	23.339	25.322	26.469	26.251
Lithuania	4.254	14.139	12.779	9.009	3.871	-6.340	-20.005	-35.130	-43.643
Luxembourg	27.545	22.887	19.247	12.574	4.992	-7.551	-22.043	-35.840	-41.166
Macedonia, FYR	6.935	8.500	10.076	10.922	11.515	11.212	10.845	10.358	9.638
Madagascar	4.506	4.868	4.162	3.531	3.110	2.723	2.533	2.428	2.585
Malawi	2.272	2.088	1.892	1.152	1.280	0.992	0.757	0.572	0.395
Malaysia	30.687	30.305	39.560	34.045	34.938	31.192	27.767	25.722	25.719
Maldives	2.776	3.430	4.214	5.495	6.838	8.279	9.822	11.061	11.735
Mali	3.324	3.210	2.436	2.710	2.434	2.511	2.593	2.604	2.591

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Malta	7.192	7.305	7.390	7.548	7.582	7.511	7.362	7.184	6.872
Mauritania	4.325	3.546	2.955	3.469	3.947	4.422	4.903	5.229	5.416
Mauritius	5.245	7.766	11.075	15.434	20.498	26.342	33.562	41.195	48.776
Mexico	7.749	8.197	8.623	11.605	12.291	12.868	13.143	12.965	12.229
Moldova	3.232	3.319	3.438	3.854	4.267	4.664	5.000	5.225	5.335
Mongolia	13.163	13.862	14.422	14.778	15.330	15.570	15.415	14.921	13.991
Morocco	3.076	3.470	3.899	4.534	5.313	6.206	7.252	8.083	8.444
Mozambique	1.352	1.197	1.078	0.984	1.104	1.093	1.088	1.103	1.091
Myanmar	10.211	10.465	14.366	12.716	13.427	12.297	11.266	10.858	11.554
Namibia	6.922	7.725	8.777	9.952	12.151	14.189	16.330	18.423	20.055
Nauru	8.254	8.480	8.568	8.402	8.144	7.700	7.074	6.543	5.962
Nepal	7.288	7.811	9.549	9.405	8.127	6.653	6.083	6.235	5.443
Netherlands	14.173	12.859	11.255	7.660	3.171	-5.006	-15.276	-25.979	-31.188
New Zealand	18.942	14.239	12.166	8.096	3.282	-5.080	-15.191	-25.342	-29.925
Nicaragua	12.404	8.330	4.876	24.057	21.601	18.410	15.482	12.769	10.188
Niger	0.943	0.936	0.875	0.969	0.992	1.014	1.047	1.064	1.062
Nigeria	5.251	6.497	6.390	9.176	9.477	9.066	9.312	10.156	10.952
Niue	1.055	1.843	2.513	2.461	2.353	2.235	2.045	1.878	1.671
Norway	10.925	9.105	7.950	5.386	2.219	-3.489	-10.605	-17.955	-21.455
Oman	13.506	12.777	12.438	13.140	14.247	15.340	15.961	15.714	14.789
Pakistan	2.030	2.325	2.694	3.056	3.434	3.820	4.243	4.587	4.667
Palau	5.727	6.477	7.179	7.522	7.458	7.366	7.321	7.307	7.342
Panama	19.160	13.949	9.464	39.900	36.407	31.638	27.249	23.111	19.051
Papua New Guinea	5.037	-20.892	-29.208	-29.865	-31.732	-30.564	-25.117	-27.081	-20.440
Paraguay	16.156	20.834	23.003	19.981	17.270	14.820	16.473	20.867	20.973
Peru	6.349	3.594	1.119	-0.192	-1.474	-2.926	5.182	19.866	22.162
Philippines	2.725	2.806	3.291	3.226	3.436	3.459	3.476	3.477	3.449
Poland	12.331	11.810	10.588	7.409	3.159	-5.136	-16.097	-28.103	-34.706
Portugal	7.398	5.072	4.498	3.108	1.305	-2.088	-6.448	-11.123	-13.606
Qatar	62.500	63.636	66.704	78.003	92.278	106.805	117.314	120.454	117.533
Romania	8.358	11.352	10.230	7.174	3.054	-4.942	-15.401	-26.739	-32.858
Russian Federation	13.729	22.271	20.347	14.458	6.228	-10.172	-31.891	-55.537	-68.295
Rwanda	1.422	1.741	1.820	1.937	2.095	2.263	2.534	2.919	3.398
Saint Kitts & Nevis	3.841	5.453	7.008	7.695	8.198	8.667	8.964	9.098	8.871
Saint Lucia	5.657	8.194	10.770	12.066	13.213	14.318	15.329	16.071	16.241
Saint Vincent & Grenadines	3.997	5.358	6.781	7.631	8.295	8.874	9.217	9.348	9.265
Samoa	3.256	3.900	4.573	4.570	4.201	3.853	3.577	3.240	3.027
Sao Tome & Principe	1.758	2.182	2.586	3.113	3.634	4.182	4.720	5.142	5.394
Saudi Arabia	17.978	19.996	22.282	24.949	27.616	30.020	31.386	31.715	30.915
Senegal	2.385	2.776	2.895	3.463	3.885	4.576	5.369	6.162	6.811
Serbia & Montenegro	7.567	9.175	10.730	11.911	12.732	12.985	12.990	12.706	12.116

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Seychelles	9.626	13.369	18.302	24.992	32.682	41.355	52.098	63.565	75.430
Sierra Leone	5.434	6.515	5.004	5.575	4.301	4.346	4.388	4.397	4.356
Singapore	13.053	15.455	18.041	21.993	27.222	33.010	39.095	44.759	48.780
Slovakia	15.731	13.271	11.792	8.175	3.451	-5.549	-17.204	-29.719	-36.319
Slovenia	16.568	8.728	7.880	5.552	2.381	-3.887	-12.241	-21.483	-26.685
Solomon Islands	0.868	0.569	0.502	0.468	0.400	0.362	0.370	0.293	0.327
South Africa	9.899	11.932	14.112	17.112	20.578	24.471	28.354	31.960	34.782
Spain	10.433	6.361	5.701	3.980	1.686	-2.713	-8.408	-14.536	-17.823
Sri Lanka	4.069	5.182	6.804	7.585	8.031	8.439	9.280	10.308	10.635
Sudan	4.702	5.164	5.494	6.116	6.903	7.644	8.768	10.113	11.866
Suriname	8.814	8.347	7.897	8.692	9.340	9.789	10.085	10.229	9.957
Swaziland	1.985	2.759	3.570	3.793	4.954	5.575	6.137	6.662	6.937
Sweden	7.765	7.774	6.837	4.673	1.947	-3.095	-9.477	-16.108	-19.280
Switzerland	7.605	6.853	6.046	4.151	1.735	-2.769	-8.533	-14.656	-17.798
Syria	3.901	4.600	5.107	5.616	6.198	6.781	7.152	7.258	7.138
Taiwan	15.469	18.749	21.276	24.985	29.187	32.849	35.875	37.776	38.225
Tajikistan	1.340	1.271	1.208	1.376	1.529	1.618	1.692	1.670	1.645
Tanzania	2.431	2.512	2.678	2.832	3.214	3.388	3.559	3.767	3.833
Thailand	7.139	8.149	9.626	10.875	12.644	14.205	15.733	16.976	17.535
Togo	4.459	5.824	5.639	6.684	6.713	7.595	8.642	9.586	10.350
Tonga	1.957	1.860	1.757	1.706	1.636	1.553	1.462	1.384	1.307
Trinidad & Tobago	31.955	41.251	51.089	61.470	74.453	88.287	99.940	106.300	103.676
Tunisia	5.248	6.511	7.788	9.086	10.440	11.940	14.213	16.074	16.985
Turkey	5.937	3.493	2.951	1.948	0.785	-1.206	-3.587	-5.961	-7.028
Turkmenistan	17.567	16.904	16.584	17.643	18.391	18.837	19.024	18.867	18.604
Uganda	2.690	3.444	3.628	3.484	3.407	3.248	3.364	3.849	4.563
Ukraine	11.063	21.457	19.708	14.077	6.101	-10.037	-31.734	-55.770	-69.238
United Arab Emirates	38.373	39.303	42.312	48.184	57.758	68.792	78.762	83.173	83.472
United Kingdom	11.366	11.670	10.220	6.956	2.879	-4.541	-13.812	-23.371	-27.919
United States of America	20.485	17.288	14.644	9.632	3.845	-5.832	-17.024	-27.606	-31.558
Uruguay	2.250	-0.515	-3.793	-5.519	-7.380	-9.425	1.256	21.415	25.728
Uzbekistan	8.528	10.433	12.237	13.074	13.875	14.607	15.196	15.400	15.209
Vanuatu	2.371	2.558	2.774	2.772	2.663	2.565	2.492	2.406	2.362
Venezuela	14.554	14.380	13.961	13.655	13.540	13.588	20.382	30.593	29.345
Vietnam	1.656	1.832	2.289	2.481	2.871	3.130	3.392	3.607	3.722
Yemen	1.685	1.634	1.610	1.700	1.801	1.904	1.990	2.022	1.990
Zambia	20.075	18.463	16.433	7.329	8.950	4.962	1.328	-2.009	-5.197
Zimbabwe	5.979	5.222	4.935	3.685	4.209	3.868	3.572	3.320	3.011

Appendix F11

550V Total Emission Allocations: Greenhouse Development Rights Approach (MtCO₂-eq)

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	32.07	40.45	52.46	58.84	62.26	64.75	71.07	78.37	81.95
Albania	18.12	22.14	25.97	27.00	27.67	26.37	25.50	24.60	23.72
Algeria	203.43	269.00	336.83	419.59	470.71	514.15	579.63	631.59	656.46
Angola	91.66	73.78	55.75	52.04	60.90	60.59	59.53	58.55	58.23
Antigua & Barbuda	2.31	2.26	2.21	2.41	2.54	2.61	2.62	2.55	2.44
Argentina	427.95	490.60	533.64	551.23	559.10	522.22	558.82	642.61	577.26
Armenia	7.85	8.42	8.86	9.07	9.00	8.04	6.61	4.86	3.93
Australia	575.90	563.69	528.68	456.18	359.14	142.60	-122.32	-424.92	-562.04
Austria	100.00	100.11	91.44	66.49	32.55	-31.15	-108.08	-185.36	-221.53
Azerbaijan	50.00	54.99	59.75	61.60	62.05	58.77	53.59	45.46	40.68
Bahamas	2.20	2.12	2.08	2.41	2.70	2.99	3.17	3.27	3.17
Bahrain	23.61	25.53	26.72	27.09	28.71	25.74	20.00	10.20	4.86
Bangladesh	133.98	138.85	150.85	188.03	229.32	273.98	325.91	371.18	397.02
Barbados	3.84	6.13	8.42	9.47	10.45	11.29	11.87	11.99	11.42
Belarus	73.86	73.23	73.48	77.03	75.99	62.41	45.81	26.36	14.79
Belgium	153.71	160.61	155.30	121.75	74.83	-14.67	-120.92	-227.73	-278.44
Belize	29.38	24.22	19.21	78.26	75.44	68.93	62.30	55.25	47.52
Benin	115.60	181.63	198.69	250.41	255.88	295.06	337.70	373.76	405.55
Bhutan	1.79	2.39	3.03	3.57	4.21	4.89	5.71	6.35	6.82
Bolivia	100.27	54.90	6.84	-24.26	-55.24	-87.64	42.25	288.99	326.68
Bosnia & Herzegovina	24.47	27.08	29.17	31.16	31.24	28.38	24.14	18.93	14.77
Botswana	30.83	34.15	36.76	28.20	32.93	28.02	22.52	17.19	13.14
Brazil	1,808.11	1,244.63	623.53	186.37	-297.19	-930.23	991.32	4,816.18	5,451.01
Brunei	10.02	11.82	14.10	15.99	18.39	18.42	17.87	17.38	16.45

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Bulgaria	93.05	109.36	122.75	126.31	123.76	105.56	83.47	59.02	41.92
Burkina Faso	22.02	19.89	16.81	21.17	24.61	28.63	33.67	39.29	45.52
Burundi	10.08	14.15	15.31	16.29	17.89	19.84	23.31	28.96	37.14
Cambodia	74.03	76.09	103.58	94.43	101.54	94.64	88.22	85.44	90.42
Cameroon	201.28	272.72	240.29	306.14	272.39	304.14	340.61	376.08	410.68
Canada	822.99	773.43	670.90	486.34	270.92	-99.18	-519.09	-943.50	-1,163.99
Cape Verde	0.64	0.73	0.86	1.16	1.52	1.94	2.39	2.83	3.21
Central African Republic	43.88	48.34	40.14	51.16	50.21	57.32	65.23	71.62	77.91
Chad	29.56	32.43	30.35	38.25	41.40	47.76	55.00	61.38	67.44
Chile	118.68	140.09	157.50	168.82	174.96	157.31	149.93	150.51	120.35
China	7,936.61	8,694.14	9,107.93	10,173.3 4	11,310.2 3	11,701.0 2	11,438.5 5	10,713.14	9,912.32
Colombia	264.48	250.42	227.63	213.49	193.59	152.12	297.81	578.75	599.90
Comoros	0.87	1.49	2.23	2.94	3.78	4.61	5.71	6.99	8.58
Congo	31.29	36.52	28.69	36.38	31.88	36.46	41.53	46.81	51.74
Congo, Dem. Republic	758.20	1,051.15	912.70	1,134.32	950.52	1,051.16	1,157.87	1,256.69	1,354.11
Cook Islands	0.03	0.06	0.09	0.10	0.10	0.10	0.10	0.09	0.09
Costa Rica	25.01	23.00	20.65	47.58	45.07	38.71	31.01	22.70	16.53
Côte d'Ivoire	236.21	329.64	304.33	386.59	358.89	418.95	490.54	575.30	660.92
Croatia	37.80	43.40	47.86	48.15	45.13	33.58	18.98	3.53	-2.56
Cuba	51.03	59.85	68.53	104.31	114.23	121.23	124.41	121.80	111.90
Cyprus	10.83	12.16	12.83	12.51	12.25	9.85	6.53	2.46	0.70
Czech Republic	176.02	206.54	228.35	227.12	207.82	145.21	63.72	-25.20	-79.72
Denmark	69.24	70.66	66.10	47.41	22.66	-24.01	-79.28	-134.81	-160.85
Djibouti	2.08	2.63	3.42	4.77	6.28	7.82	9.61	11.36	13.11
Dominica	0.25	0.30	0.35	0.41	0.45	0.49	0.52	0.54	0.53
Dominican Republic	36.85	46.33	55.43	61.48	66.67	68.99	67.94	63.58	57.08
Ecuador	86.60	73.23	58.33	46.29	31.55	8.87	95.24	259.54	277.84
Egypt	270.11	324.85	386.65	470.03	565.52	669.33	789.65	895.88	968.69
El Salvador	20.98	23.38	25.66	38.96	39.73	38.35	35.30	31.18	27.37
Equatorial Guinea	11.41	14.45	11.57	14.57	12.00	13.35	14.83	16.36	17.81
Eritrea	10.90	18.03	27.20	38.63	51.85	66.71	97.19	165.19	265.83
Estonia	16.02	15.70	15.67	14.78	11.78	3.29	-6.61	-17.26	-23.05
Ethiopia	100.87	133.77	170.87	215.60	269.11	323.15	395.08	483.64	589.33
Fiji	3.25	3.20	3.22	3.44	3.46	3.46	3.48	3.44	3.45
Finland	74.53	79.80	79.36	64.55	43.14	4.87	-47.12	-98.97	-124.83
France	584.51	591.97	547.75	393.14	187.25	-198.04	-665.55	-1,133.69	-1,350.69
Gabon	19.08	25.60	29.29	58.73	66.75	54.44	48.89	55.04	65.54
Gambia	2.33	3.51	4.35	5.90	7.13	8.70	10.45	11.98	13.37
Georgia	10.40	12.28	13.91	14.81	15.55	15.50	15.06	14.22	13.57

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Germany	1,066.09	1,088.77	1,020.38	762.91	413.94	-242.10	-	-1,806.41	-2,180.25
Ghana	90.47	122.71	119.67	154.56	157.30	188.33	222.52	255.98	284.54
Greece	136.46	141.36	135.45	105.66	64.68	-10.25	-105.30	-200.64	-247.00
Grenada	1.18	2.15	3.17	3.58	3.95	4.28	4.58	4.78	4.79
Guatemala	97.29	78.57	59.71	215.99	207.91	188.20	165.57	141.01	116.32
Guinea	39.04	46.98	41.32	52.70	51.76	61.21	72.03	83.31	93.99
Guinea-Bissau	5.42	7.40	7.84	10.20	11.10	13.13	15.40	17.39	19.22
Guyana	21.04	2.68	-15.74	-28.15	-40.65	-53.92	-0.70	101.63	121.06
Haiti	13.39	12.49	11.66	18.34	19.00	19.15	18.79	18.10	17.18
Honduras	36.89	31.96	27.04	76.65	75.17	69.94	63.48	56.23	48.61
Hungary	105.05	122.10	135.61	137.44	129.12	96.62	52.25	5.25	-22.00
Iceland	3.51	3.50	3.17	2.18	0.86	-1.60	-4.50	-7.40	-8.72
India	2,362.46	3,049.94	3,846.06	4,894.68	6,181.40	7,599.81	9,064.52	10,303.21	10,980.23
Indonesia	3,064.06	3,288.83	4,663.10	4,282.50	4,679.97	4,389.10	4,077.25	3,914.45	4,070.73
Iran	715.65	859.32	998.36	1,132.41	1,300.01	1,421.92	1,480.58	1,444.24	1,412.13
Iraq	132.58	144.52	158.08	182.97	212.97	243.03	270.48	286.56	291.38
Ireland	69.96	69.90	64.67	49.62	29.36	-7.63	-54.90	-102.18	-124.57
Israel	102.95	125.02	142.33	151.34	161.55	159.20	149.21	128.21	121.74
Italy	612.12	625.84	588.75	445.39	249.62	-118.23	-560.18	-1,003.64	-1,214.04
Jamaica	78.16	132.64	187.22	208.85	212.66	209.40	202.28	189.21	180.81
Japan	1,429.60	1,403.46	1,263.56	849.41	347.69	-612.59	-	-2,891.93	-3,465.16
Jordan	34.06	46.66	60.36	71.97	84.30	97.81	111.35	121.29	126.00
Kazakhstan	213.23	239.83	262.59	271.76	273.96	253.26	219.68	174.75	147.57
Kenya	70.66	92.18	115.60	152.06	196.09	247.58	316.41	404.14	511.85
Kiribati	0.01	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Korea (North)	142.12	165.16	183.17	207.50	233.86	254.57	267.10	271.75	263.05
Korea (South)	702.96	854.61	943.89	1,020.87	1,078.29	992.07	821.66	601.22	489.98
Kuwait	94.57	98.27	99.09	102.08	109.61	101.48	81.98	45.73	26.10
Kyrgyzstan	13.73	18.28	22.92	25.37	27.52	29.18	30.21	30.44	29.85
Laos	39.80	41.47	54.16	50.96	54.46	51.83	49.33	48.61	51.12
Latvia	2.61	-0.55	-2.29	-1.87	-3.50	-10.52	-17.56	-24.39	-27.27
Lebanon	28.06	35.92	42.77	47.17	52.93	56.70	59.41	59.82	60.53
Lesotho	3.31	4.06	5.01	6.28	7.64	8.92	10.12	11.29	12.29
Liberia	83.75	116.67	96.49	120.10	94.05	103.58	113.43	123.28	132.95
Libya	82.28	105.87	131.58	159.49	175.81	184.49	196.40	200.07	199.91
Lithuania	14.32	13.20	12.55	11.90	8.95	-1.16	-12.46	-23.97	-29.39
Luxembourg	13.37	13.19	11.68	7.85	2.63	-7.18	-18.72	-30.34	-35.71
Macedonia, FYR	14.29	17.55	20.55	21.34	21.24	18.11	14.39	10.35	7.36

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Madagascar	97.62	122.17	120.21	116.57	116.47	114.77	119.28	126.77	148.56
Malawi	34.41	36.26	37.46	25.80	32.14	27.70	23.30	19.25	14.40
Malaysia	859.29	916.76	1,282.42	1,150.77	1,224.18	1,077.88	912.65	791.20	804.42
Maldives	0.96	1.18	1.45	1.87	2.41	3.02	3.68	4.24	4.58
Mali	43.88	48.28	41.68	52.42	52.74	60.29	68.26	74.47	79.82
Malta	2.97	3.07	3.14	3.22	3.23	3.16	3.06	2.93	2.76
Mauritania	14.47	13.31	12.34	15.99	19.93	24.27	29.06	33.24	36.73
Mauritius	6.79	10.28	14.81	20.54	27.23	34.28	42.92	51.86	61.48
Mexico	846.02	929.18	987.87	1,315.71	1,346.09	1,268.59	1,111.66	882.13	700.77
Moldova	12.46	12.72	13.00	14.19	15.18	15.81	16.03	15.77	15.30
Mongolia	36.21	40.94	45.27	48.61	52.34	54.58	55.07	53.90	50.95
Morocco	98.08	116.26	136.21	163.57	197.28	234.94	279.34	315.81	335.47
Mozambique	30.39	29.47	29.08	28.96	35.25	37.66	40.34	43.90	46.48
Myanmar	509.94	541.63	765.80	693.52	744.76	689.22	634.27	610.66	646.03
Namibia	14.67	16.92	19.40	21.62	25.80	28.71	31.34	33.66	35.83
Nauru	0.12	0.13	0.14	0.15	0.15	0.15	0.15	0.14	0.14
Nepal	210.99	246.45	326.64	344.37	315.89	272.16	259.87	276.70	249.78
Netherlands	236.60	236.29	216.89	160.16	83.61	-59.59	-228.77	-398.90	-479.11
New Zealand	82.25	78.35	75.08	66.97	55.66	33.56	8.85	-22.57	-33.83
Nicaragua	74.29	54.18	34.04	180.25	171.35	153.03	133.64	113.48	92.73
Niger	15.06	17.91	20.02	26.36	31.86	38.01	45.33	52.49	58.98
Nigeria	821.71	1,116.91	1,196.61	1,857.23	2,057.32	2,094.49	2,274.91	2,610.59	2,951.62
Niue	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Norway	51.42	51.98	46.57	27.61	3.38	-40.53	-98.93	-156.37	-183.38
Oman	39.75	42.51	44.64	47.31	51.39	49.99	44.37	33.48	27.38
Pakistan	343.07	422.66	524.15	633.40	755.36	885.40	1,029.27	1,157.42	1,219.72
Palau	0.12	0.14	0.15	0.16	0.17	0.17	0.17	0.17	0.17
Panama	66.94	51.82	36.17	164.01	153.60	132.41	109.54	85.78	64.73
Papua New Guinea	34.09	-155.57	-236.68	-260.94	-296.37	-302.85	-262.22	-295.56	-232.19
Paraguay	107.47	155.15	190.34	181.98	171.65	158.76	189.73	258.22	276.81
Peru	184.63	109.13	31.00	-20.48	-76.25	-149.04	123.84	650.98	734.61
Philippines	254.60	286.60	363.42	378.53	426.10	444.48	458.72	468.97	482.20
Poland	469.46	544.65	600.78	602.70	562.04	420.25	241.46	47.57	-74.34
Portugal	79.29	81.46	78.18	65.48	46.70	14.54	-35.95	-85.73	-111.06
Qatar	53.25	54.15	53.16	52.32	52.28	40.37	20.54	-6.41	-19.56
Romania	179.62	218.31	251.42	259.37	253.78	210.66	156.58	96.48	55.62
Russian Federation	1,918.65	2,043.39	2,162.07	2,200.60	2,116.45	1,693.41	1,146.11	505.45	154.98
Rwanda	15.10	21.18	25.06	29.92	36.19	43.64	54.47	69.69	89.77
Saint Kitts & Nevis	0.19	0.28	0.38	0.44	0.49	0.53	0.56	0.58	0.57
Saint Lucia	0.95	1.41	1.88	2.13	2.35	2.55	2.71	2.80	2.76

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Saint Vincent & Grenadines	0.47	0.62	0.77	0.86	0.93	0.98	1.00	1.00	0.97
Samoa	0.64	0.82	1.04	1.13	1.13	1.13	1.14	1.12	1.14
Sao Tome & Principe	0.31	0.45	0.62	0.84	1.09	1.38	1.69	1.98	2.22
Saudi Arabia	459.75	538.79	605.26	644.01	683.56	652.72	569.23	449.20	402.19
Senegal	32.20	42.68	50.25	67.24	83.66	108.45	139.02	173.06	205.96
Serbia & Montenegro	80.22	93.96	104.65	106.94	103.61	87.84	67.06	43.55	27.45
Seychelles	0.84	1.22	1.74	2.44	3.26	4.18	5.28	6.41	7.49
Sierra Leone	33.82	45.44	39.33	49.61	43.38	49.55	56.39	63.44	70.26
Singapore	59.15	66.73	65.34	48.66	29.50	-24.35	-92.53	-166.70	-197.84
Slovakia	85.35	100.92	113.60	114.42	109.50	87.25	61.68	34.59	18.11
Slovenia	33.02	38.70	43.03	41.97	38.01	25.81	11.69	-2.96	-10.60
Solomon Islands	0.46	0.34	0.33	0.34	0.31	0.30	0.33	0.27	0.32
South Africa	480.10	559.31	640.89	726.97	822.69	881.42	919.18	944.97	1,023.97
Spain	455.11	458.66	427.31	330.55	196.84	-52.09	-365.41	-679.26	-829.63
Sri Lanka	83.97	111.18	150.51	171.60	184.79	196.14	216.87	241.07	248.04
Sudan	192.89	236.15	279.05	342.53	423.83	511.89	638.61	799.57	1,017.00
Suriname	4.21	4.20	4.17	4.78	5.32	5.73	6.01	6.17	6.03
Swaziland	2.41	3.52	4.72	5.03	6.69	7.38	7.92	8.40	8.82
Sweden	70.63	70.77	63.31	39.99	9.09	-47.23	-118.60	-189.73	-222.75
Switzerland	57.57	56.73	48.76	26.72	-2.26	-55.69	-119.17	-182.92	-211.90
Syria	88.15	106.58	126.67	146.41	168.74	189.17	202.63	207.14	207.68
Taiwan	359.20	424.60	447.09	442.57	424.81	299.97	119.17	-96.33	-217.96
Tajikistan	9.64	10.01	10.30	12.56	14.82	16.55	18.16	18.70	19.10
Tanzania	103.77	118.02	136.37	154.14	185.09	205.01	224.99	247.64	261.00
Thailand	464.85	539.74	638.17	701.95	792.43	832.43	852.71	845.69	832.64
Togo	31.93	47.69	52.39	69.84	78.33	98.40	123.71	150.82	177.98
Tonga	0.21	0.21	0.22	0.23	0.23	0.23	0.23	0.22	0.22
Trinidad & Tobago	42.03	53.17	63.15	69.86	77.57	80.39	78.09	69.14	57.37
Tunisia	55.30	71.41	87.83	103.21	118.56	132.58	154.79	171.11	178.47
Turkey	458.09	512.02	535.10	585.04	664.81	723.88	776.49	791.37	813.53
Turkmenistan	89.94	90.86	92.19	98.39	101.33	97.21	89.29	78.69	73.90
Uganda	92.22	141.22	177.61	202.92	235.27	265.05	323.23	433.46	599.32
Ukraine	504.00	540.00	574.75	620.45	657.17	668.68	661.69	631.26	602.87
United Arab Emirates	191.74	221.89	253.18	279.73	324.42	342.33	335.42	278.09	238.37
United Kingdom	694.06	703.21	649.54	466.69	223.23	-235.21	-780.31	-1,328.04	-1,586.05
United States of America	6,375.51	6,202.75	5,095.26	3,284.88	1,112.46	2,322.29	7,078.64	11,888.95	14,072.35
Uruguay	7.62	-2.08	-14.45	-22.73	-32.03	-43.84	-9.22	60.63	74.25
Uzbekistan	234.30	299.98	367.37	406.39	442.69	472.67	495.50	503.75	499.87

Total Emission Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Vanuatu	0.55	0.63	0.73	0.76	0.77	0.77	0.77	0.77	0.77
Venezuela	416.70	438.45	443.43	433.73	421.95	387.59	610.48	989.18	942.32
Vietnam	145.99	169.92	221.77	248.39	294.78	326.48	357.19	381.44	394.40
Yemen	41.05	45.16	49.50	57.24	65.71	74.51	82.94	89.14	92.35
Zambia	249.93	248.15	236.61	112.04	144.27	83.45	22.56	-38.11	-100.27
Zimbabwe	78.53	83.71	87.88	71.63	88.34	86.78	85.44	84.56	81.83
World Total	48,737.71	52,486.96	54,954.38	55,820.78	54,995.21	47,687.53	41,122.00	36,250.82	32,633.84

Appendix F12

550V Per Capita Emission Allocations: Greenhouse Development Rights Approach (tCO₂-eq per person)

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Afghanistan	0.940	1.059	1.244	1.274	1.245	1.210	1.254	1.313	1.311
Albania	5.593	6.642	7.585	7.732	7.838	7.433	7.170	6.911	6.670
Algeria	5.829	7.276	8.650	10.321	11.203	11.944	13.229	14.246	14.732
Angola	5.102	3.715	2.551	2.173	2.336	2.152	1.972	1.821	1.711
Antigua & Barbuda	26.119	23.929	22.021	22.774	22.805	22.491	21.844	20.697	19.469
Argentina	10.467	11.422	11.892	11.818	11.587	10.504	10.957	12.339	10.909
Armenia	2.614	2.789	2.901	2.944	2.915	2.614	2.161	1.606	1.319
Australia	26.546	24.573	21.903	18.058	13.670	5.251	-4.379	-14.844	-19.213
Austria	12.103	12.101	11.059	8.071	3.985	-3.866	-13.658	-23.926	-29.282
Azerbaijan	5.752	6.050	6.301	6.291	6.195	5.771	5.198	4.373	3.903
Bahamas	6.500	6.012	5.658	6.350	6.936	7.522	7.901	8.098	7.842

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Bahrain	30.410	30.974	30.693	29.664	30.216	26.293	19.987	10.023	4.711
Bangladesh	0.819	0.794	0.806	0.941	1.085	1.238	1.420	1.571	1.641
Barbados	12.893	20.244	27.426	30.562	33.659	36.542	38.814	39.900	38.845
Belarus	7.710	7.785	7.971	8.557	8.667	7.322	5.540	3.295	1.918
Belgium	14.585	15.196	14.678	11.519	7.110	-1.405	-11.718	-22.403	-27.867
Belize	89.978	67.154	48.750	183.434	164.797	141.499	121.036	102.224	84.189
Benin	11.694	15.925	15.224	16.911	15.373	15.928	16.541	16.765	16.797
Bhutan	2.626	3.305	3.975	4.481	5.064	5.677	6.433	6.988	7.366
Bolivia	9.960	5.022	0.581	-1.924	-4.115	-6.175	2.832	18.542	20.171
Bosnia & Herzegovina	6.205	6.870	7.443	8.051	8.230	7.672	6.731	5.470	4.446
Botswana	15.227	15.679	15.934	11.654	13.102	10.778	8.389	6.199	4.588
Brazil	9.095	5.929	2.833	0.813	-1.252	-3.804	3.960	18.904	21.152
Brunei	24.501	26.557	29.320	30.945	33.410	31.664	29.288	27.306	24.889
Bulgaria	12.529	15.330	17.987	19.429	20.052	18.068	15.146	11.404	8.675
Burkina Faso	1.353	1.048	0.763	0.832	0.842	0.859	0.891	0.924	0.958
Burundi	1.061	1.270	1.184	1.094	1.053	1.033	1.084	1.216	1.421
Cambodia	4.863	4.567	5.704	4.826	4.876	4.312	3.838	3.571	3.657
Cameroon	10.119	12.369	9.931	11.635	9.597	10.005	10.532	10.996	11.412
Canada	24.434	22.086	18.480	12.978	7.041	-2.523	-12.984	-23.272	-28.361
Cape Verde	1.230	1.359	1.571	2.117	2.787	3.604	4.589	5.679	6.832
Central African Republic	9.704	9.965	7.779	9.414	8.852	9.743	10.736	11.439	12.094
Chad	2.598	2.583	2.205	2.547	2.538	2.705	2.886	2.992	3.052
Chile	6.956	7.887	8.562	8.916	9.046	8.021	7.588	7.601	6.094
China	5.898	6.248	6.376	7.011	7.749	8.020	7.875	7.435	6.970
Colombia	5.523	4.946	4.281	3.849	3.374	2.584	4.968	9.547	9.848
Comoros	1.264	1.885	2.499	2.915	3.345	3.673	4.121	4.616	5.228
Congo	7.572	7.667	5.262	5.895	4.624	4.793	5.005	5.220	5.381
Congo, Dem. Republic	11.007	13.092	9.828	10.648	7.852	7.716	7.623	7.487	7.364
Cook Islands	1.851	4.197	7.159	8.190	9.155	9.924	10.424	10.676	10.661
Costa Rica	5.387	4.653	3.952	8.687	7.915	6.592	5.158	3.713	2.677
Côte d'Ivoire	11.419	14.406	12.148	14.233	12.292	13.450	14.859	16.539	18.130
Croatia	8.525	9.837	10.938	11.139	10.619	8.072	4.680	0.896	-0.669
Cuba	4.472	5.198	5.919	9.007	9.925	10.674	11.177	11.241	10.678
Cyprus	13.095	13.639	13.506	12.539	11.881	9.373	6.160	2.324	0.675
Czech Republic	17.266	20.404	22.820	23.088	21.598	15.489	6.995	-2.854	-9.342
Denmark	12.591	12.699	11.750	8.346	3.966	-4.204	-13.973	-23.997	-28.938
Djibouti	2.325	2.630	3.073	3.885	4.694	5.431	6.268	7.040	7.783
Dominica	3.486	4.113	4.789	5.471	6.106	6.774	7.409	7.934	8.144
Dominican Republic	3.611	4.226	4.734	4.949	5.091	5.028	4.753	4.293	3.737
Ecuador	6.125	4.827	3.609	2.710	1.761	0.476	4.941	13.119	13.772
Egypt	3.342	3.656	4.000	4.512	5.071	5.636	6.278	6.768	6.996

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
El Salvador	2.891	2.977	3.033	4.292	4.098	3.721	3.237	2.716	2.275
Equatorial Guinea	20.555	22.860	16.210	18.257	13.559	13.748	14.038	14.366	14.616
Eritrea	2.107	3.093	4.196	5.417	6.666	7.930	10.767	17.185	26.156
Estonia	12.289	12.446	12.902	12.734	10.689	3.150	-6.699	-18.559	-26.487
Ethiopia	1.143	1.294	1.415	1.535	1.652	1.718	1.830	1.964	2.112
Fiji	3.662	3.372	3.189	3.215	3.064	2.916	2.800	2.652	2.565
Finland	14.121	15.075	14.988	12.239	8.258	0.946	-9.334	-20.017	-25.789
France	9.327	9.228	8.384	5.933	2.795	-2.932	-9.812	-16.721	-20.008
Gabon	13.348	16.230	16.873	30.770	31.844	23.693	19.458	20.070	21.937
Gambia	1.259	1.677	1.850	2.252	2.464	2.741	3.030	3.218	3.349
Georgia	2.363	2.837	3.277	3.567	3.844	3.935	3.932	3.817	3.750
Germany	12.950	13.280	12.526	9.457	5.200	-3.091	-13.281	-23.997	-29.607
Ghana	3.639	4.519	4.070	4.894	4.668	5.270	5.909	6.488	6.922
Greece	12.196	12.603	12.114	9.513	5.872	-0.939	-9.759	-18.867	-23.646
Grenada	10.834	19.273	27.777	31.123	34.277	37.484	40.854	43.845	45.890
Guatemala	6.882	5.048	3.519	11.787	10.601	9.038	7.540	6.126	4.848
Guinea	3.845	4.055	3.131	3.516	3.055	3.216	3.389	3.535	3.619
Guinea-Bissau	3.065	3.798	3.667	4.380	4.406	4.845	5.312	5.633	5.879
Guyana	29.532	3.806	-21.924	-37.618	-52.180	-66.932	-0.843	121.410	143.165
Haiti	1.314	1.119	0.957	1.385	1.332	1.258	1.164	1.064	0.963
Honduras	4.860	3.846	3.007	7.954	7.336	6.463	5.591	4.747	3.951
Hungary	10.548	12.428	14.011	14.448	13.848	10.597	5.870	0.605	-2.606
Iceland	11.366	10.959	9.619	6.449	2.510	-4.570	-12.795	-21.028	-24.824
India	2.007	2.429	2.891	3.495	4.218	4.985	5.748	6.350	6.606
Indonesia	13.088	13.345	18.089	15.958	16.825	15.307	13.888	13.113	13.496
Iran	10.003	11.416	12.633	13.820	15.515	16.720	17.205	16.640	16.238
Iraq	4.468	4.339	4.285	4.531	4.859	5.148	5.361	5.355	5.174
Ireland	15.893	15.080	13.358	9.894	5.682	-1.438	-10.121	-18.507	-22.289
Israel	13.634	15.343	16.348	16.404	16.633	15.664	14.135	11.787	10.948
Italy	10.447	10.755	10.235	7.852	4.470	-2.155	-10.433	-19.177	-23.886
Jamaica	28.293	46.341	63.247	68.303	67.532	64.786	61.141	55.979	52.430
Japan	11.253	11.232	10.369	7.196	3.057	-5.618	-16.667	-29.233	-36.923
Jordan	5.152	6.828	8.039	8.780	9.488	10.213	10.842	11.075	10.862
Kazakhstan	13.827	15.255	16.478	16.985	17.188	16.019	14.053	11.353	9.798
Kenya	1.730	2.020	2.346	2.909	3.551	4.241	5.144	6.292	7.702
Kiribati	0.125	0.217	0.288	0.271	0.252	0.231	0.208	0.188	0.170
Korea (North)	5.870	6.706	7.347	8.272	9.305	10.140	10.691	10.982	10.785
Korea (South)	14.367	17.296	19.008	20.553	21.873	20.471	17.410	13.197	11.230
Kuwait	31.254	27.622	24.397	22.514	21.920	18.531	13.753	7.095	3.769
Kyrgyzstan	2.494	3.092	3.631	3.800	3.925	3.978	3.945	3.823	3.626
Laos	6.245	5.827	6.877	5.915	5.825	5.138	4.567	4.243	4.250

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Latvia	1.170	-0.254	-1.099	-0.934	-1.829	-5.772	-10.120	-14.821	-17.579
Lebanon	6.599	8.057	9.235	9.855	10.740	11.219	11.541	11.510	11.642
Lesotho	1.660	2.026	2.506	3.170	3.916	4.667	5.399	6.125	6.749
Liberia	19.982	25.077	18.815	21.304	15.233	15.399	15.571	15.710	15.808
Libya	12.432	14.492	16.556	18.665	19.282	19.056	19.211	18.672	17.952
Lithuania	4.254	3.979	3.848	3.737	2.894	-0.388	-4.331	-8.669	-11.106
Luxembourg	27.545	25.694	21.535	13.724	4.385	-11.423	-28.617	-44.697	-50.816
Macedonia, FYR	6.935	8.419	9.782	10.126	10.105	8.690	6.994	5.119	3.718
Madagascar	4.506	4.868	4.161	3.531	3.109	2.721	2.531	2.425	2.582
Malawi	2.272	2.088	1.892	1.151	1.279	0.991	0.756	0.570	0.393
Malaysia	30.687	30.123	38.943	32.486	32.359	26.873	21.593	17.850	17.379
Maldives	2.776	3.430	4.214	5.495	6.838	8.279	9.822	11.061	11.735
Mali	3.324	3.210	2.435	2.707	2.429	2.503	2.582	2.591	2.577
Malta	7.192	7.305	7.390	7.548	7.582	7.511	7.362	7.184	6.872
Mauritania	4.325	3.545	2.952	3.461	3.935	4.403	4.877	5.196	5.383
Mauritius	5.245	7.671	10.738	14.540	18.946	23.615	29.467	35.705	42.654
Mexico	7.749	8.065	8.164	10.411	10.259	9.371	8.007	6.231	4.881
Moldova	3.232	3.311	3.410	3.777	4.128	4.412	4.607	4.683	4.713
Mongolia	13.163	13.846	14.369	14.641	15.099	15.175	14.838	14.169	13.173
Morocco	3.076	3.461	3.865	4.447	5.165	5.953	6.881	7.598	7.918
Mozambique	1.352	1.197	1.078	0.984	1.104	1.093	1.088	1.103	1.090
Myanmar	10.211	10.465	14.365	12.712	13.421	12.286	11.249	10.836	11.530
Namibia	6.922	7.679	8.611	9.505	11.359	12.771	14.159	15.470	16.734
Nauru	8.254	8.480	8.568	8.402	8.144	7.700	7.074	6.543	5.962
Nepal	7.288	7.811	9.548	9.403	8.124	6.648	6.075	6.225	5.432
Netherlands	14.173	13.909	12.581	9.180	4.756	-3.383	-13.038	-22.915	-27.788
New Zealand	18.942	17.287	15.932	13.732	11.094	6.543	1.698	-4.281	-6.372
Nicaragua	12.404	8.322	4.848	23.986	21.483	18.211	15.195	12.401	9.794
Niger	0.943	0.936	0.875	0.968	0.992	1.013	1.046	1.063	1.060
Nigeria	5.251	6.495	6.383	9.160	9.449	9.020	9.246	10.073	10.864
Niue	1.055	1.843	2.513	2.461	2.353	2.235	2.045	1.878	1.671
Norway	10.925	10.863	9.566	5.580	0.675	-8.041	-19.625	-31.129	-36.685
Oman	13.506	12.458	11.418	10.690	10.377	9.129	7.406	5.157	3.923
Pakistan	2.030	2.324	2.691	3.048	3.422	3.800	4.214	4.550	4.628
Palau	5.727	6.477	7.179	7.522	7.458	7.366	7.321	7.307	7.342
Panama	19.160	13.833	9.067	38.879	34.688	28.710	22.981	17.546	13.004
Papua New Guinea	5.037	-20.895	-29.218	-29.891	-31.775	-30.637	-25.221	-27.215	-20.582
Paraguay	16.156	20.819	22.954	19.861	17.077	14.504	16.033	20.319	20.406
Peru	6.349	3.548	0.960	-0.607	-2.183	-4.150	3.376	17.487	19.554
Philippines	2.725	2.796	3.257	3.140	3.294	3.223	3.141	3.051	2.999
Poland	12.331	14.366	15.994	16.303	15.544	11.941	7.075	1.442	-2.341

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
Portugal	7.398	7.537	7.222	6.069	4.359	1.372	-3.447	-8.403	-11.199
Qatar	62.500	61.158	57.956	55.053	53.119	39.639	19.494	-5.877	-17.293
Romania	8.358	10.260	11.988	12.592	12.577	10.676	8.137	5.159	3.074
Russian Federation	13.729	14.985	16.307	17.123	17.011	14.050	9.808	4.464	1.416
Rwanda	1.422	1.741	1.820	1.937	2.095	2.262	2.534	2.918	3.397
Saint Kitts & Nevis	3.841	5.453	7.008	7.695	8.198	8.667	8.964	9.098	8.871
Saint Lucia	5.657	8.194	10.770	12.066	13.213	14.318	15.329	16.071	16.241
Saint Vincent & Grenadines	3.997	5.358	6.781	7.631	8.295	8.874	9.217	9.348	9.265
Samoa	3.256	3.900	4.573	4.570	4.201	3.853	3.577	3.240	3.027
Sao Tome & Principe	1.758	2.182	2.586	3.113	3.634	4.182	4.720	5.142	5.394
Saudi Arabia	17.978	19.504	20.588	20.614	20.456	18.186	14.776	10.918	9.218
Senegal	2.385	2.776	2.895	3.463	3.885	4.576	5.368	6.161	6.810
Serbia & Montenegro	7.567	9.070	10.339	10.823	10.758	9.382	7.390	4.962	3.241
Seychelles	9.626	13.369	18.302	24.992	32.682	41.355	52.098	63.565	75.430
Sierra Leone	5.434	6.515	5.004	5.575	4.301	4.346	4.388	4.397	4.356
Singapore	13.053	14.184	13.515	9.896	5.966	-4.955	-19.189	-35.682	-44.280
Slovakia	15.731	18.513	20.846	21.134	20.469	16.578	11.954	6.864	3.694
Slovenia	16.568	19.611	22.163	22.111	20.589	14.430	6.772	-1.786	-6.668
Solomon Islands	0.868	0.569	0.502	0.468	0.400	0.362	0.370	0.293	0.327
South Africa	9.899	11.729	13.373	15.111	17.052	18.228	18.968	19.445	20.989
Spain	10.433	10.532	9.901	7.764	4.696	-1.264	-9.039	-17.217	-21.685
Sri Lanka	4.069	5.178	6.789	7.546	7.963	8.321	9.104	10.074	10.376
Sudan	4.702	5.162	5.488	6.100	6.878	7.605	8.713	10.045	11.797
Suriname	8.814	8.347	7.897	8.692	9.340	9.789	10.085	10.229	9.957
Swaziland	1.985	2.730	3.469	3.531	4.509	4.812	5.019	5.201	5.353
Sweden	7.765	7.713	6.831	4.283	0.972	-5.078	-12.842	-20.697	-24.459
Switzerland	7.605	7.422	6.335	3.461	-0.294	-7.292	-15.820	-24.721	-29.248
Syria	3.901	4.577	5.029	5.421	5.874	6.236	6.369	6.252	6.062
Taiwan	15.469	18.138	19.045	18.905	18.331	13.201	5.399	-4.531	-10.720
Tajikistan	1.340	1.271	1.208	1.374	1.526	1.614	1.687	1.663	1.638
Tanzania	2.431	2.512	2.678	2.832	3.214	3.388	3.558	3.766	3.833
Thailand	7.139	8.070	9.343	10.117	11.317	11.857	12.184	12.188	12.165
Togo	4.459	5.824	5.638	6.683	6.711	7.592	8.639	9.582	10.346
Tonga	1.957	1.860	1.757	1.706	1.636	1.553	1.462	1.384	1.307
Trinidad & Tobago	31.955	40.633	48.801	55.119	62.916	67.190	67.208	61.250	52.341
Tunisia	5.248	6.468	7.637	8.689	9.754	10.741	12.423	13.689	14.336
Turkey	5.937	6.257	6.220	6.519	7.152	7.567	7.942	7.973	8.126
Turkmenistan	17.567	16.762	16.092	16.371	16.227	15.109	13.542	11.688	10.794
Uganda	2.690	3.444	3.628	3.484	3.406	3.247	3.363	3.847	4.561
Ukraine	11.063	12.232	13.462	15.072	16.589	17.552	18.066	17.952	17.901
United Arab Emirates	38.373	38.228	38.812	39.435	43.167	43.856	42.022	34.511	29.601

Per Capita Allocations	2010 (BAU)	2015	2020	2025	2030	2035	2040	2045	2050
United Kingdom	11.366	11.351	10.336	7.339	3.484	-3.660	-12.148	-20.735	-24.879
United States of America	20.485	18.993	14.878	9.160	2.969	-5.943	-17.394	-28.079	-31.952
Uruguay	2.250	-0.600	-4.099	-6.336	-8.805	-11.928	-2.496	16.401	20.161
Uzbekistan	8.528	10.420	12.191	12.952	13.666	14.246	14.661	14.695	14.438
Vanuatu	2.371	2.558	2.774	2.772	2.663	2.565	2.492	2.406	2.362
Venezuela	14.554	14.240	13.480	12.426	11.476	10.084	15.298	24.009	22.256
Vietnam	1.656	1.830	2.282	2.463	2.839	3.075	3.311	3.500	3.604
Yemen	1.685	1.633	1.606	1.691	1.787	1.880	1.956	1.979	1.945
Zambia	20.075	18.462	16.429	7.316	8.929	4.926	1.277	-2.075	-5.267
Zimbabwe	5.979	5.219	4.925	3.658	4.165	3.796	3.471	3.194	2.881

Appendix G

Appendix G1

Summary of -15% NAI Reduction from BAU in 2020

Total Emissions (Mton CO2-eq)

	BAU Emissions		Allocated Emission Targets				
	1990	2020	Equal Rights	Equal BAU%	Equal 1990%	C&C2050	GDRs
NAI	20079.7	38995.2	33146.0	33146.0	33146.0	33146.0	33146.0
China	3817.4	9336.6	7559.4	7936.1	6301.5	8016.5	7822.7
India	1070.0	3871.0	7040.5	3290.4	1766.3	2725.8	3705.8
Saudi Arabia	201.6	655.1	155.6	556.8	332.8	490.2	325.3
South Africa	335.5	676.3	253.6	574.9	553.8	444.6	441.9
ASEAN	4130.8	8247.3	3452.5	7010.2	6818.8	5718.0	7748.0
Brunei	5.7	14.1	2.5	12.0	9.4	10.9	14.1
Cambodia	60.9	103.6	96.1	88.1	100.5	84.7	103.3
Indonesia	2478.4	4672.4	1364.1	3971.5	4091.1	3144.0	4611.0
Laos	30.2	54.2	41.7	46.0	49.9	46.7	54.1
Malaysia	673.4	1302.7	174.3	1107.3	1111.6	932.4	1168.2
Myanmar	420.7	765.9	282.1	651.0	694.5	509.8	765.4
Philippines	166.6	367.2	590.5	312.2	275.0	302.0	342.0
Singapore	31.2	87.2	25.6	74.1	51.5	58.8	-57.6
Thailand	225.6	657.5	361.5	558.9	372.4	461.0	529.5
Vietnam	38.1	222.5	514.2	189.1	62.9	167.8	217.9

Per Capita Emissions (ton CO2-eq per person)

	BAU per capita		Allocated Emission per capita				
	1990	2020	Equal Rights	Equal BAU%	Equal 1990%	C&C2050	GDRs
NAI	4.93	6.23	5.29	5.29	5.29	5.29	5.29
China	3.36	6.54	5.29	5.56	4.41	5.61	5.48
India	1.26	2.91	5.29	2.47	1.33	2.05	2.79
Saudi Arabia	12.31	22.28	5.29	18.94	11.32	16.67	11.06
South Africa	9.53	14.11	5.29	11.99	11.56	9.28	9.22
ASEAN	9.49	12.64	5.29	10.74	10.45	8.76	11.88
Brunei	22.18	29.32	5.29	24.92	19.56	22.65	29.32
Cambodia	6.28	5.71	5.29	4.85	5.54	4.66	5.69
Indonesia	13.91	18.12	5.29	15.41	15.87	12.20	17.89
Laos	7.41	6.88	5.29	5.85	6.33	5.93	6.87
Malaysia	37.20	39.56	5.29	33.63	33.76	28.31	35.48
Myanmar	10.48	14.37	5.29	12.21	13.03	9.56	14.36
Philippines	2.72	3.29	5.29	2.80	2.46	2.71	3.06
Singapore	10.24	18.04	5.29	15.33	10.65	12.16	-11.92
Thailand	4.16	9.63	5.29	8.18	5.45	6.75	7.75
Vietnam	0.58	2.29	5.29	1.95	0.65	1.73	2.24

% Change from BAU

	BAU Emissions		% Change from BAU				
	1990	2020	Equal Rights	Equal BAU%	Equal 1990%	C&C2050	GDRs
NAI	20079.7	38995.2	-15.00%	-15.00%	-15.00%	-15.00%	-15.00%
China	3817.4	9336.6	-19.03%	-15.00%	-32.51%	-14.14%	-16.21%
India	1070.0	3871.0	81.88%	-15.00%	-54.37%	-29.59%	-4.27%
Saudi Arabia	201.6	655.1	-76.25%	-15.00%	-49.20%	-25.17%	-50.34%
South Africa	335.5	676.3	-62.50%	-15.00%	-18.11%	-34.26%	-34.66%
ASEAN	4130.8	8247.3	-58.14%	-15.00%	-17.32%	-30.67%	-6.05%
Brunei	5.7	14.1	-81.95%	-15.00%	-33.29%	-22.75%	0.00%
Cambodia	60.9	103.6	-7.27%	-15.00%	-2.99%	-18.26%	-0.30%
Indonesia	2478.4	4672.4	-70.80%	-15.00%	-12.44%	-32.71%	-1.31%
Laos	30.2	54.2	-23.08%	-15.00%	-7.98%	-13.80%	-0.19%
Malaysia	673.4	1302.7	-86.62%	-15.00%	-14.67%	-28.43%	-10.32%
Myanmar	420.7	765.9	-63.17%	-15.00%	-9.32%	-33.44%	-0.06%
Philippines	166.6	367.2	60.79%	-15.00%	-25.11%	-17.76%	-6.87%
Singapore	31.2	87.2	-70.67%	-15.00%	-40.95%	-32.58%	-166.07%
Thailand	225.6	657.5	-45.03%	-15.00%	-43.36%	-29.89%	-19.47%
Vietnam	38.1	222.5	131.17%	-15.00%	-71.73%	-24.56%	-2.03%

% Change from 1990

	BAU Emissions		% Change from 1990				
	1990	2020	Equal Rights	Equal BAU%	Equal 1990%	C&C2050	GDRs
NAI	20079.7	38995.2	65.07%	65.07%	65.07%	65.07%	65.07%
China	3817.4	9336.6	98.03%	107.89%	65.07%	110.00%	104.92%
India	1070.0	3871.0	557.99%	207.51%	65.07%	154.74%	246.34%
Saudi Arabia	201.6	655.1	-22.83%	176.20%	65.07%	143.17%	61.36%
South Africa	335.5	676.3	-24.41%	71.34%	65.07%	32.51%	31.71%
ASEAN	4130.8	8247.3	-16.42%	69.71%	65.07%	38.42%	87.57%
Brunei	5.7	14.1	-55.34%	110.33%	65.07%	91.15%	147.45%
Cambodia	60.9	103.6	57.79%	44.64%	65.07%	39.08%	69.65%
Indonesia	2478.4	4672.4	-44.96%	60.24%	65.07%	26.86%	86.05%
Laos	30.2	54.2	37.99%	52.48%	65.07%	54.62%	79.04%
Malaysia	673.4	1302.7	-74.12%	64.44%	65.07%	38.46%	73.48%
Myanmar	420.7	765.9	-32.94%	54.74%	65.07%	21.17%	81.93%
Philippines	166.6	367.2	254.42%	87.37%	65.07%	81.27%	105.28%
Singapore	31.2	87.2	-18.00%	137.62%	65.07%	88.48%	-284.71%
Thailand	225.6	657.5	60.22%	147.73%	65.07%	104.32%	134.70%
Vietnam	38.1	222.5	1249.70%	396.29%	65.07%	340.44%	472.03%

Appendix G2

Summary of -30% NAI Reduction from BAU in 2020

Total Emissions (Mton CO2-eq)

	BAU Emissions		Allocated Emission Targets				
	1990	2020	Equal Rights	Equal BAU%	Equal 1990%	C&C2050	GDRs
NAI	20079.7	38995.2	27296.7	27296.7	27296.7	27296.7	27296.7
China	3817.4	9336.6	6225.4	6535.6	5189.4	6529.6	6308.8
India	1070	3871.0	5798.1	2709.7	1454.6	2926.6	3540.6
Saudi Arabia	201.6	655.1	128.1	458.6	274.1	350.8	-4.5
South Africa	335.5	676.3	208.9	473.4	456.1	335.9	207.5
ASEAN	4130.8	8247.3	2843.3	5773.1	5615.5	4350.9	7248.6
Brunei	5.7	14.1	2.1	9.9	7.7	7.7	14.1
Cambodia	60.9	103.6	79.1	72.5	82.8	71.6	103.0
Indonesia	2478.4	4672.4	1123.4	3270.7	3369.2	2307.9	4549.7
Laos	30.2	54.2	34.3	37.9	41.1	37.7	54.0
Malaysia	673.4	1302.7	143.5	911.9	915.4	648.0	1033.7
Myanmar	420.7	765.9	232.3	536.1	571.9	383.8	764.9
Philippines	166.6	367.2	486.3	257.1	226.5	294.3	316.8
Singapore	31.2	87.2	21.1	61.1	42.4	43.2	-202.5
Thailand	225.6	657.5	297.7	460.3	306.7	363.9	401.4
Vietnam	38.1	222.5	423.5	155.7	51.8	192.9	213.4

Per Capita Emissions (ton CO2-eq per person)

	BAU per capita		Allocated Emission per capita				
	1990	2020	Equal Rights	Equal BAU%	Equal 1990%	C&C2050	GDRs
NAI	4.93	6.23	4.36	4.36	4.36	4.36	4.36
China	3.36	6.54	4.36	4.58	3.63	4.57	4.42
India	1.26	2.91	4.36	2.04	1.09	2.20	2.66
Saudi Arabia	12.31	22.28	4.36	15.60	9.32	11.93	-0.15
South Africa	9.53	14.11	4.36	9.88	9.52	7.01	4.33
ASEAN	9.49	12.64	4.36	8.85	8.61	6.67	11.11
Brunei	22.18	29.32	4.36	20.52	16.11	15.91	29.32
Cambodia	6.28	5.71	4.36	3.99	4.56	3.94	5.67
Indonesia	13.91	18.12	4.36	12.69	13.07	8.95	17.65
Laos	7.41	6.88	4.36	4.82	5.21	4.78	6.85
Malaysia	37.20	39.56	4.36	27.69	27.80	19.68	31.39
Myanmar	10.48	14.37	4.36	10.06	10.73	7.20	14.35
Philippines	2.72	3.29	4.36	2.30	2.03	2.64	2.84
Singapore	10.24	18.04	4.36	12.63	8.77	8.93	-41.88
Thailand	4.16	9.63	4.36	6.74	4.49	5.33	5.88
Vietnam	0.58	2.29	4.36	1.60	0.53	1.99	2.20

% Change from BAU

	BAU Emissions		% Change from BAU				
	1990	2020	Equal Rights	Equal BAU%	Equal 1990%	C&C2050	GDRs
NAI	20079.7	38995.2	-30.00%	-30.00%	-30.00%	-30.00%	-30.00%
China	3817.4	9336.6	-33.32%	-30.00%	-44.42%	-30.06%	-32.43%
India	1070	3871.0	49.78%	-30.00%	-62.42%	-24.40%	-8.54%
Saudi Arabia	201.6	655.1	-80.44%	-30.00%	-58.16%	-46.45%	-100.68%
South Africa	335.5	676.3	-69.12%	-30.00%	-32.56%	-50.33%	-69.32%
ASEAN	4130.8	8247.3	-65.52%	-30.00%	-31.91%	-47.24%	-12.11%
Brunei	5.7	14.1	-85.14%	-30.00%	-45.06%	-45.74%	0.00%
Cambodia	60.9	103.6	-23.64%	-30.00%	-20.11%	-30.95%	-0.61%
Indonesia	2478.4	4672.4	-75.96%	-30.00%	-27.89%	-50.61%	-2.62%
Laos	30.2	54.2	-36.65%	-30.00%	-24.22%	-30.48%	-0.39%
Malaysia	673.4	1302.7	-88.98%	-30.00%	-29.73%	-50.26%	-20.65%
Myanmar	420.7	765.9	-69.67%	-30.00%	-25.33%	-49.88%	-0.12%
Philippines	166.6	367.2	32.41%	-30.00%	-38.33%	-19.86%	-13.75%
Singapore	31.2	87.2	-75.84%	-30.00%	-51.37%	-50.49%	-332.15%
Thailand	225.6	657.5	-54.73%	-30.00%	-53.36%	-44.66%	-38.94%
Vietnam	38.1	222.5	90.37%	-30.00%	-76.72%	-13.27%	-4.05%

% Change from 1990

	BAU Emissions		% Change from 1990				
	1990	2020	Equal Rights	Equal BAU%	Equal 1990%	C&C2050	GDRs
NAI	20079.7	38995.2	35.94%	35.94%	35.94%	35.94%	35.94%
China	3817.4	9336.6	63.08%	71.21%	35.94%	71.05%	65.26%
India	1070	3871.0	441.88%	153.24%	35.94%	173.51%	230.89%
Saudi Arabia	201.6	655.1	-36.45%	127.46%	35.94%	74.02%	-102.22%
South Africa	335.5	676.3	-37.75%	41.11%	35.94%	0.13%	-38.16%
ASEAN	4130.8	8247.3	-31.17%	39.76%	35.94%	5.33%	75.48%
Brunei	5.7	14.1	-63.22%	73.21%	35.94%	34.26%	147.45%
Cambodia	60.9	103.6	29.94%	19.11%	35.94%	17.50%	69.13%
Indonesia	2478.4	4672.4	-54.67%	31.97%	35.94%	-6.88%	83.58%
Laos	30.2	54.2	13.64%	25.57%	35.94%	24.71%	78.69%
Malaysia	673.4	1302.7	-78.69%	35.42%	35.94%	-3.77%	53.51%
Myanmar	420.7	765.9	-44.78%	27.43%	35.94%	-8.76%	81.82%
Philippines	166.6	367.2	191.88%	54.30%	35.94%	76.65%	90.13%
Singapore	31.2	87.2	-32.47%	95.68%	35.94%	38.39%	-748.96%
Thailand	225.6	657.5	31.95%	104.01%	35.94%	61.30%	77.95%
Vietnam	38.1	222.5	1011.52%	308.71%	35.94%	406.41%	460.19%

Appendix G3

GHG emission trends and emission reductions for Annex I under Bottom-Up Approach (w/o USA)

Party	Total GHGs excluding LULUCF				Total GHGs excluding LULUCF including deforestation				Values relating to possible QELROs in % of reference year emissions				Total GHGs including LULUCF, including deforestation				Total GHGs including LULUCF			
	1990	2000	2006		1990	2000	2006		Min	Max	Ref Yr		Ref Yr Level	Min 2020	Max 2020		Ref Yr Level	Min 2020	Max 2020	
Australia	416.2	494.9	534.5		547.8	567.2	618.6		-5%	-25%	2000		567.2	538.8	425.4		404.4	384.2	303.3	
Belarus	129.1	71.0	81.3		129.1	71.0	81.3		-5%	-10%	1990		129.1	122.7	116.2		107.1	101.7	96.4	
Canada	591.8	717.1	718.2		591.8	717.1	718.2		-17%	-17%	2005		731.0	606.7	606.7		731.0	606.7	606.7	
Croatia	31.4	26.0	30.8		31.4	26.0	30.8		6%	6%	1990		31.4	33.3	33.3		27.2	28.8	28.8	
Eu-27	5,556.5	5,041.6	5,092.2		5,558.5	5,044.0	5,094.6		-20%	-30%	1990		5,558.5	4,446.8	3,891.0		5,222.4	4,177.9	3,655.7	
Iceland	3.4	3.7	4.2		3.4	3.7	4.2		-15%	-15%	1990		3.4	2.9	2.9		4.9	4.2	4.2	
Japan	1,269.7	1,346.0	1,342.1		1,269.7	1,346.0	1,342.1		-25%	-25%	1990		1,269.7	952.2	952.2		1,195.4	896.5	896.5	
Kazakhstan	300.2	159.3	279.3		300.2	159.3	279.3		-15%	-15%	1992		309.2	262.8	262.8		316.5	269.0	269.0	
Liechtenstein	0.2	0.3	0.3		0.2	0.3	0.3		-20%	-30%	1990		0.2	0.2	0.2		0.2	0.2	0.2	
Monaco	0.1	0.1	0.1		0.1	0.1	0.1		-20%	-20%	1990		0.1	0.1	0.1		0.1	0.1	0.1	
New Zealand	61.9	70.6	77.6		61.9	70.6	77.6		-10%	-20%	1990		61.9	55.7	49.5		43.7	39.3	35.0	
Norway	49.7	53.4	53.5		49.7	53.4	53.5		-30%	-40%	1990		49.7	34.8	29.8		37.4	26.2	22.4	
Russian Federation	3,319.3	2,030.4	2,185.9		3,319.3	2,030.4	2,185.9		-15%	-25%	1990		3,319.3	2,821.4	2,489.5		3,359.6	2,855.6	2,519.7	
Switzerland	52.7	51.6	53.2		52.7	51.6	53.2		-20%	-30%	1990		52.7	42.2	36.9		50.4	40.3	35.3	
Ukraine	926.0	389.7	436.8		926.0	389.7	436.8		-20%	-20%	1990		926.0	740.8	740.8		852.9	682.3	682.3	
Total	12,708.2	10,455.7	10,889.9		12,841.8	10,530.4	10,976.4							10,661.4	9,637.2			10,113.1	9,155.5	
Total in % of 1990 Emissions														-17%	-25%			-17%	-25%	
Total in % of 2000 Emissions														1%	-8%			1%	-9%	
Total in % of 2006 Emissions														-3%	-12%			-2%	-11%	

Appendix G4

GHG emission trends and emission reductions for Annex I under Bottom-Up Approach (w/ USA)

Party	Total GHGs excluding LULUCF			Total GHGs excluding LULUCF including deforestation			Values relating to possible QELROs in % of reference year emissions			Total GHGs including LULUCF			Total GHGs excluding LULUCF, including deforestation			Total GHGs including LULUCF		
	1990	2000	2006	1990	2000	2006	Min	Max	Ref Yr	1990	2000	2006	Ref Yr Level	Min 2020	Max 2020	Ref Yr Level	Min 2020	Max 2020
Australia	416.2	494.9	534.5	547.8	567.2	618.6	-5%	-25%	2000	453.8	404.4	551.1	567.2	538.8	425.4	404.4	384.2	303.3
Belarus	129.1	71.0	81.3	129.1	71.0	81.3	-5%	-10%	1990	107.1	43.7	55.3	129.1	122.7	116.2	107.1	101.7	96.4
Canada	591.8	717.1	718.2	591.8	717.1	718.2	-17%	-17%	2005	540.2	636.8	759.5	731.0	606.7	606.7	731.0	606.7	606.7
Croatia	31.4	26.0	30.8	31.4	26.0	30.8	6%	6%	1990	27.2	20.7	23.3	31.4	33.3	33.3	27.2	28.8	28.8
Eu-27	5,556.5	5,041.6	5,092.2	5,558.5	5,044.0	5,094.6	-20%	-30%	1990	5,222.4	4,659.1	4,652.9	5,558.5	4,446.8	3,891.0	5,222.4	4,177.9	3,655.7
Iceland	3.4	3.7	4.2	3.4	3.7	4.2	-15%	-15%	1990	4.9	5.1	5.5	3.4	2.9	2.9	4.9	4.2	4.2
Japan	1,269.7	1,346.0	1,342.1	1,269.7	1,346.0	1,342.1	-25%	-25%	1990	1,195.4	1,265.4	1,260.4	1,269.7	952.2	952.2	1,195.4	896.5	896.5
Kazakhstan	300.2	159.3	279.3	300.2	159.3	279.3	-15%	-15%	1992	291.4	152.0	273.4	309.2	262.8	262.8	316.5	269.0	269.0
Liechtenstein	0.2	0.3	0.3	0.2	0.3	0.3	-20%	-30%	1990	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
Monaco	0.1	0.1	0.1	0.1	0.1	0.1	-20%	-20%	1990	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
New Zealand	61.9	70.6	77.6	61.9	70.6	77.6	-10%	-20%	1990	43.7	50.6	53.7	61.9	55.7	49.5	43.7	39.3	35.0
Norway	49.7	53.4	53.5	49.7	53.4	53.5	-30%	-40%	1990	37.4	36.3	30.9	49.7	34.8	29.8	37.4	26.2	22.4
Russian Federation	3,319.3	2,030.4	2,185.9	3,319.3	2,030.4	2,185.9	-15%	-25%	1990	3,359.6	2,368.0	2,208.1	3,319.3	2,821.4	2,489.5	3,359.6	2,855.6	2,519.7
Switzerland	52.7	51.6	53.2	52.7	51.6	53.2	-20%	-30%	1990	50.4	52.4	54.2	52.7	42.2	36.9	50.4	40.3	35.3
Ukraine	926.0	389.7	436.8	926.0	389.7	436.8	-20%	-20%	1990	852.9	338.1	401.5	926.0	740.8	740.8	852.9	682.3	682.3
United States	6,084.5	6,975.2	7,006.0	6,084.5	6,975.2	7,006.0	-17%	-17%	2005	5,257.3	6,290.7	6,000.6	7,082.2	5,878.2	5,878.2	5,985.9	4,968.3	4,968.3
Total	18,792.7	17,430.8	17,895.9	18,926.3	17,505.6	17,982.4				17,443.9	16,323.6	16,330.8		16,539.6	15,515.5		15,081.	414,123.8
Total in % of 1990 Emissions														-13%	-18%		-14%	-19%
Total in % of 2000 Emissions														-6%	-11%		-8%	-13%
Total in % of 2006 Emissions														-8%	-14%		-8%	-14%

Appendix G5

Copenhagen Pledges for Annex I and Non-Annex I countries

Copenhagen Pledges for Annex I Countries

No.	Country/bloc	Percentage cut by 2020 (unconditional)	Percentage cut by 2020 (conditional, e.g. on global deal)	Base Year	.Note/Remark
1	Australia	5	15 or 25*	2000	Australia will reduce its greenhouse gas emissions by 25% on 2000 levels by 2020 if the world agrees to an ambitious global deal capable of stabilising levels of greenhouse gases in the atmosphere at 450 ppm CO2-eq or lower. Australia will unconditionally reduce our emissions by 5% below 2000 levels by 2020, and by up to 15% by 2020 if there is a global agreement which falls short of securing atmospheric stabilisation at 450 ppm CO2-eq and under which major developing economies commit to substantially restrain emissions and advanced economies take on commitments comparable to Australia's.

No.	Country/bloc	Percentage cut by 2020 (unconditional)	Percentage cut by 2020 (conditional, e.g. on global deal)	Base Year	.Note/Remark
2	Belarus		5-10*	1990	-5-10% reduction, which is premised on the presence of and access of Belarus to the Kyoto flexible mechanisms, intensification of technology transfer, capacity building and experience enhancement for Belarus taking into consideration the special conditions of the Parties included in Annex I undergoing the process of transition to a market economy, clarity in the use of new LULUCF rules and modalities.
3	Canada		17*	2005	17%, to be aligned with the final economy-wide emissions target of the United States in enacted legislation.
4	Croatia		5*	1990	Temporary target for Croatia. Upon the accession of Croatia to the European Union, the Croatian target shall be replaced by arrangement in line with and part of the European Union mitigation effort.
5	EU-27	20	30*	1990	As part of a global and comprehensive agreement for the period beyond 2012, the EU reiterates its conditional offer to move to a 30% reduction by 2020 compared to 1990 levels, provided that other developed countries commit themselves to comparable emission reductions and that developing countries contribute adequately according to their responsibilities and respective capabilities.

No.	Country/bloc	Percentage cut by 2020 (unconditional)	Percentage cut by 2020 (conditional, e.g. on global deal)	Base Year	.Note/Remark
6	Iceland		30*	1990	30% reduction, in a joint effort with the European Union, as part of a global and comprehensive agreement for the period beyond 2012, provided that other developed countries commit themselves to comparable emissions reductions and that developing countries contribute adequately according to their responsibilities and respective capabilities
7	Japan		25*	1990	25% reduction, which is premised on the establishment of a fair and effective international framework in which all major economies participate and on agreement by those economies on ambitious targets.
8	Kazakhstan	15		1992	
9	Liechtenstein	20	30*	1990	Liechtenstein commits itself to reduce greenhouse gas (GHG) emissions 20% below 1990 levels by 2020. If other developed countries agree to comparable reductions and emerging economies contribute according to their respective capabilities and responsibilities within a framework of a binding agreement, Liechtenstein is prepared to raise its target up to 30%.
10	Monaco	30		1990	

No.	Country/block	Percentage cut by 2020 (unconditional)	Percentage cut by 2020 (conditional, e.g. on global deal)	Base Year	.Note/Remark
11	New Zealand		10-20*	1990	New Zealand is prepared to take on a responsibility target for greenhouse gas emissions reductions of between 10 per cent and 20 per cent below 1990 levels by 2020, if there is a comprehensive global agreement. This means: • the global agreement sets the world on a pathway to limit temperature rise to not more than 2° C; • developed countries make comparable efforts to those of New Zealand; • advanced and major emitting developing countries take action fully commensurate with their respective capabilities; • there is an effective set of rules for land use, land-use change and forestry (LULUCF); and • there is full recourse to a broad and efficient international carbon market
12	Norway	30	40*	1990	As part of a global and comprehensive agreement for the period beyond 2012 where major emitting Parties agree on emissions reductions in line with the 2 degrees Celsius target, Norway will move to a level of 40% reduction for 2020.
13	Russian Federation		15-25*	1990	the range of the GHG emission reductions will depend on the following conditions:

No.	Country/bloc	Percentage cut by 2020 (unconditional)	Percentage cut by 2020 (conditional, e.g. on global deal)	Base Year	Note/Remark
					- Appropriate accounting of the potential of Russia's forestry in frame of contribution in meeting the obligations of the anthropogenic emissions reduction; - Undertaking by all major emitters the legally binding obligations to reduce anthropogenic GHG emissions.
14	United States of America		17*	2005	In the range of 17%, in conformity with anticipated U.S. energy and climate legislation, recognizing that the final target will be reported to the Secretariat in light of enacted legislation.

Copenhagen Pledges for Non-Annex I Countries

No.	Country/bloc	Percentage cut by 2020 (unconditional)	Percentage cut by 2020 (conditional, e.g. on global deal)	Base Year	Note/Remark
1	Botswana	No specific pledge			
2	Brazil	36.1-38.9		"Business As Usual" - The emissions level if no action were taken.	
3	China	40-45*		2005	China will endeavor to lower its carbon emissions per unit of GDP by 40-45% by 2020 compared to the 2005 level.
4	Congo	No specific pledge*			

No.	Country/bloc	Percentage cut by 2020 (unconditional)	Percentage cut by 2020 (conditional, e.g. on global deal)	Base Year	Note/Remark
5	Costa Rica	No specific pledge*			Costa Rica will implement a "Long Term economy-wide transformational effort to enable carbon-neutrality" that will help the country to significantly deviate from business as usual GHG emissions projected scenarios from now on up to 2021 and beyond.
6	Ethiopia	No specific pledge			
7	Georgia	No specific pledge			
8	India	20-25*		2005	India will endeavour to reduce the emissions intensity of its GDP by 20-25% by 2020 in comparison to the 2005 level. The emissions from agricultural sector will not form part of the assessment of emissions intensity.
9	Indonesia	26		"Business As Usual" - The emissions level if no action were taken.	

No.	Country/bloc	Percentage cut by 2020 (unconditional)	Percentage cut by 2020 (conditional, e.g. on global deal)	Base Year	Note/Remark
10	Israel	20		"Business As Usual" - The emissions level if no action were taken.	
11	Jordan	No specific pledge*			Jordan would like to support the extension of Kyoto protocol for a second commitment period.
12	Macedonia	No specific pledge			
13	Madagascar	No specific pledge			
14	Maldives	No specific pledge*			Maldives will achieve carbon neutrality as a country in 2020.

No.	Country/bloc	Percentage cut by 2020 (unconditional)	Percentage cut by 2020 (conditional, e.g. on global deal)	Base Year	Note/Remark
15	Marshall Islands		40*	2009	40 % reduction of CO2 emissions below 2009 levels by 2020, pursuant to the 2009 National Energy Policy and Energy Action Plan, and with subject to the provision of adequate international support.
16	Mexico		30*	"Business As Usual" - The emissions level if no action were taken.	Mexico aim at reducing its GHG emissions up to 30% with respect to the business as usual scenario by 2020, provided the provision of adequate financial and technological support from developed countries as part of a global agreement.
17	Moldova	25		1990	
18	Mongolia	No specific pledge			
19	Morocco	No specific pledge			

No.	Country/bloc	Percentage cut by 2020 (unconditional)	Percentage cut by 2020 (conditional, e.g. on global deal)	Base Year	Note/Remark
20	Republic of Korea	30		"Business As Usual" - The emissions level if no action were taken.	
21	Sierra Leone	No specific pledge*			Sierra Leone, as one of most vulnerable LDCs to climate change recommends an increase in global temperature of at least 1.5 degrees Celsius and emissions reduction above 40 % below 1990 levels as the basis and reference point that Annex I Parties' individual mitigation targets should collectively achieve.
22	Singapore		16*	"Business As Usual" - The emissions level if no action were taken.	Mitigation measures leading to a reduction of greenhouse gas emissions by 16% by below Business-as -Usual (BAU) levels in 2020, contingent on a legally binding global agreement in which all countries implement their commitments in good faith.

No.	Country/bloc	Percentage cut by 2020 (unconditional)	Percentage cut by 2020 (conditional, e.g. on global deal)	Base Year	Note/Remark
23	South Africa		34*	"Business As Usual" - The emissions level if no action were taken.	South Africa reiterates that it will take nationally appropriate mitigation action to enable a 34% deviation below the "Business As Usual" emissions growth trajectory by 2020 (42% by 2025). This action will be implemented depends on the provision of financial resources, the transfer of technology and capacity building support by developed countries.