

**Direkte und indirekte Treibhausgasemissionen<sup>1</sup> (THG-Emissionen) der Commerzbank AG**

 VfU 2018<sup>2</sup>

T CO <sub>2</sub> -Äquivalente	2018		2019		2020 <sup>3</sup>	
	AG Inland	AG Ausland	AG Inland	AG Ausland	AG Inland	AG Ausland
<b>SCOPE 1: DIREKTE THG-EMISSIONEN</b>						
Energieversorgung	21 306	536	21 216	739	19 365	738
Erdgas	20 478	470	20 523	714	18 678	702
Heizöl	706	50	618	0	653	0
Notstromdiesel <sup>4</sup>	122	15	76	25	34	36
Dienstreisen (Dienstwagen)	15 190	201	14 122	128	7 848	101
Bankwagen <sup>5</sup>	14 355	158	13 496	79	7 634	79
Poolfahrzeuge	836	44	626	48	213	22
Kühl- und Löschmittelverluste	183	36	767	29	112	149
Kühlmittel	183	36	767	29	112	149
Löschmittel	0	0	0	0	0	0
<b>Summe Scope 1</b>	<b>36 680</b>	<b>744</b>	<b>36 106</b>	<b>895</b>	<b>27 325</b>	<b>988</b>
<b>Summe Scope 1 AG Gesamt</b>	<b>37 453</b>		<b>37 001</b>		<b>28 313</b>	
<b>SCOPE 2: INDIREKTE THG-EMISSIONEN (MARKET-BASED)</b>						
Energieversorgung	7 728	5 597	7 205	7 888	7 142	5 121
Strom	0	5 465	0	7 519	6	4 903
Fernwärme	7 728	133	7 205	369	7 136	218
<b>Summe Scope 2 (market-based)</b>	<b>7 728</b>	<b>5 597</b>	<b>7 205</b>	<b>7 888</b>	<b>7 142</b>	<b>5 121</b>
<b>Summe Scope 2 AG Gesamt</b>	<b>13 326</b>		<b>15 094</b>		<b>12 263</b>	
<b>SCOPE 2: INDIREKTE THG-EMISSIONEN (LOCATION-BASED)</b>						
Energieversorgung	88 629	7 688	91 129	7 153	71 644	6 259
Strom	80 900	7 556	83 924	6 784	64 502	6 041
Fernwärme	7 728	133	7 205	369	7 142	218
<b>Summe Scope 2 (location-based)</b>	<b>88 629</b>	<b>7 688</b>	<b>91 129</b>	<b>7 153</b>	<b>71 644</b>	<b>6 259</b>
<b>Summe Scope 2 AG Gesamt</b>	<b>96 317</b>		<b>98 282</b>		<b>77 903</b>	
<b>SCOPE 3: SONSTIGE INDIREKTE THG-EMISSIONEN</b>						
Papierverbrauch	5 209	110	4 493	110	3 601	45
Energieversorgung	9 465	1 228	10 408	1 802	8 727	1 381
Erdgas (aus vor- und nachgelagerten Emissionen)	5 979	137	5 620	196	5 115	192
Heizöl (aus vor- und nachgelagerten Emissionen)	128	9	122	0	129	0
Notstromdiesel (aus vor- und nachgelagerten Emissionen)	22	3	15	5	7	7
Fernwärme (aus vor- und nachgelagerten Emissionen) <sup>7</sup>	2 181	37	3 574	71	1 823	74
EE-Strom (Vorstufen + Umwandlungsverluste)	1 155	1 041	1 077	1 531	1 004	901
Strommix (Homeoffice-Tätigkeit)					649	207
Dienstreisen mit indirektem Einfluss	13 032	3 424	13 075	3 997	5 639	706
Flugzeug	2 907	3 201	3 516	3 791	380	571
Bahn	698	42	327	29	70	9
THG-Emissionen aus vor- und nachgelagerten Emissionen aus direktem Straßenverkehr	7 095	150	6 822	97	3 794	76
Geschäftsfahrten mit indirektem Einfluss	2 333	31	2 409	81	1 395	50
Logistikfahrten	3 971	-	3 866	-	3 781	-
Pendelverkehr <sup>6</sup>	32 546	-	33 411	-	19 216	-
Wasser <sup>7</sup>	269	20	336	35	141	23
Entsorgung Abfall	140	163	74	185	83	128
<b>Summe Scope 3</b>	<b>64 632</b>	<b>4 945</b>	<b>65 664</b>	<b>6 130</b>	<b>41 188</b>	<b>2 284</b>
<b>Summe Scope 3 AG Gesamt</b>	<b>69 577</b>		<b>71 793</b>		<b>43 472</b>	
<b>Gesamtsumme (Scope 1, 2, 3)</b>	<b>109 040</b>	<b>11 316</b>	<b>108 974</b>	<b>14 913</b>	<b>75 656</b>	<b>8 392</b>
<b>Gesamtsumme (Scope 1, 2, 3) AG Gesamt</b>	<b>120 356</b>		<b>123 888</b>		<b>84 048</b>	

<sup>1</sup> Commerzbank AG Germany's consumption data, the data collection mode and the calculated CO<sub>2</sub> emissions have been verified since 2009 by the external company DNV Business Assurance Zertifizierung und Umweltgutachter GmbH. Since 2010, the verification process has been based on ISO 14064-3.

<sup>2</sup> For the year under review from 1 January to 31 December 2020, the current expanded VfU standard (version 1.4 of 2018) was used to calculate carbon emissions. It is based on international environmental and climate reporting standards such as GRI and the GHG Protocol.

<sup>3</sup> The decrease in consumption levels is partly due to the restrictions imposed during the Corona pandemic. In particular, the mobility restrictions, the high share of home office activity, and the partial closures of AG Inland branches during the lockdown periods all contributed to this decline.

<sup>4</sup> The significant reduction in consumption is caused by fewer test runs due to repairs, as well as the transfer of operator responsibility to the building owner at a central back-office location of AG Inland.

<sup>5</sup> Due to business travel restrictions, business trips were substantially lower than in the previous year. This resulted in a significantly smaller percentage of business trips compared to the previous year for bank vehicles of the AG Inland. Business travel accounted for 41.76 percent of bank vehicle use in 2020. A flat rate of 80% was assumed as business trips by bank vehicles of the AG abroad.

<sup>6</sup> Commuting is only surveyed for AG Inland due to the available basic data. The calculation was based on the latest data from the Federal Statistical Office and the average number of full-time equivalents in 2020. For the first time, the commuting distances of employees and the proportion of public transport users (with monthly/annual pass) were evaluated objectively. In addition, an average home office ratio was considered for the first time.

<sup>7</sup> The decrease is since well water at the Munich site does not have to be taken into account, as no water treatment takes place (closed-circuit cooling). There is complete recirculation into the groundwater.