

ESG Data Environment 16. Data by segment (FY2018–FY2024)

		Operating sites	Production	GHG		Water resource		Industrial waste		Domestic chemical substances		Environmental burden in wastewater			Environmental burden in emission gas		
				Emissions	Intensity	Water intake	Intensity	Final disposal amount	Intensity	PRTR chemical substances	Intensity	BOD	COD	SS	SO _x	NO _x	Soot and Dust
			kt	kt-CO ₂ e	t-CO ₂ e/ t-production	1,000 m ³	m ³ / t-production	t- appearance	kg/ t-production	t-released and transferred	g/ t-production	t	t	t	t-SO ₂ conversion	t-NO ₂ conversion	t
FY2024	Industrial Material Business	177	6,705	2,645	0.394	177,617	26.5	44,312	6.6	145	22	1,989	4,997	1,878	1,812	2,633	214
	Household and Consumer Product Business	8	192	90	0.470	2,480	12.9	82	0.4	<1	<1	(*)	120	17	3	26	7
	Functional Materials Business	29	576	393	0.682	37,212	64.6	1,169	2.0	212	368	396	134	162	30	133	6
	Forest Resources and Environment Marketing Business	50	4,070	781	0.192	121,951	30.0	133,638	32.8	<1	<1	3,050	13,514	3,825	77	4,370	2,321
	Printing and Communications Media Business	7	3,212	2,936	0.914	346,392	107.8	4,915	1.5	210	65	675	16,431	7,319	3,432	5,053	365
	Other business	54	321	62	0.193	895	2.8	710	2.2	1	3	5	4	4	4	4	1
	Total (consolidated companies)	325	15,075	6,907	0.458	686,547	45.5	184,826	12.3	568	38	6,116	35,200	13,205	5,358	12,220	2,914
FY2023	Industrial Material Business	173	6,607	2,638	0.399	184,974	28.0	73,191	11.1	186	28	1,961	4,813	1,759	2,013	2,413	206
	Household and Consumer Product Business	8	204	83	0.406	2,694	13.2	86	0.4	25	122	(*)	108	19	<1	9	10
	Functional Materials Business	32	560	396	0.706	37,160	66.3	4,390	7.8	225	402	324	103	145	84	211	10
	Forest Resources and Environment Marketing Business	51	4,325	733	0.169	117,805	27.2	152,002	35.1	<1	<1	2,100	12,460	3,316	106	3,976	2,381
	Printing and Communications Media Business	7	3,270	2,969	0.908	351,662	107.5	10,687	3.3	249	76	711	17,033	7,409	2,849	5,678	351
	Other business	37	31	24	0.785	524	16.9	254	8.2	1	35	5	0	6	0	4	<1
	Total (consolidated companies)	308	14,998	6,842	0.456	694,820	46.3	240,610	16.0	685	46	5,101	34,517	12,654	5,052	12,291	2,958
FY2022	Industrial Material Business	169	6,787	2,975	0.438	192,939	28.4	70,190	10.3	122	18	2,277	3,905	1,922	2,376	2,637	177
	Household and Consumer Product Business	8	210	112	0.534	3,560	17.0	76	0.4	<1	<1	(*)	99	21	<1	8	4
	Functional Materials Business	26	627	531	0.847	42,688	68.1	10,359	16.5	248	395	367	151	201	309	261	10
	Forest Resources and Environment Marketing Business	45	3,941	982	0.249	117,914	29.9	183,417	46.5	<1	<1	2,125	11,822	4,534	246	2,980	2,243
	Printing and Communications Media Business	7	3,411	2,847	0.835	352,306	103.3	4,874	1.4	49	14	840	18,633	7,035	3,024	5,708	366
	Other business	35	21	23	1.098	559	26.5	237	11.3	1	60	6	0	2	0	<1	0
	Total (consolidated companies)	290	14,997	7,470	0.498	709,966	47.3	269,153	17.9	420	28	5,615	34,610	13,715	5,955	11,595	2,800
FY2021	Industrial Material Business	169	6,620	3,044	0.460	199,126	30.1	13,509	2.0	135	20	3,324	3,588	2,240	2,115	2,983	201
	Household and Consumer Product Business	7	204	78	0.384	3,957	19.4	50	0.2	(*)	(*)	(*)	163	35	<1	4	1
	Functional Materials Business	26	650	579	0.890	48,433	74.5	2,532	3.9	287	442	646	155	609	657	380	49
	Forest Resources and Environment Marketing Business	33	3,224	623	0.193	65,285	20.3	60,409	18.7	<1	<1	1,413	14,046	384	43	2,280	1,731
	Printing and Communications Media Business	7	3,219	2,835	0.880	348,514	108.3	5,857	1.8	60	19	801	17,894	7,445	2,610	5,917	312
	Other business	49	1,127	447	0.397	48,967	43.5	78,972	70.1	<1	<1	829	16	1,529	0	820	849
	Total (consolidated companies)	291	15,043	7,606	0.506	714,281	47.5	161,328	10.7	482	32	7,013	35,862	12,242	5,424	12,385	3,143
FY2020	Industrial Material Business	167	6,450	3,010	0.467	198,973	30.8	17,041	2.6	131	25	3,827	3,613	2,413	1,822	2,802	166
	Household and Consumer Product Business	8	196	37	0.190	4,009	20.4	82	0.4	(*)	(*)	(*)	213	47	<1	5	1
	Functional Materials Business	26	635	571	0.900	51,050	80.4	3,887	6.1	260	739	782	126	652	664	444	70
	Forest Resources and Environment Marketing Business	34	3,120	548	0.176	64,553	20.7	43,086	13.8	<1	<1	1,435	12,565	391	210	607	1,736
	Printing and Communications Media Business	7	2,783	2,757	0.991	338,697	121.7	9,714	3.5	48	21	631	16,369	7,954	2,833	5,566	288
	Other business	49	1,129	451	0.400	49,016	43.4	89,116	79.0	<1	4	892	11	1,636	0	694	889
	Total (consolidated companies)	291	14,313	7,374	0.515	706,298	49.3	162,925	11.4	440	49	7,567	32,897	13,094	5,529	10,118	3,148
FY2019	Industrial Material Business	163	6,610	3,060	0.463	194,290	29.4	12,705	1.9	134	24	3,399	4,029	2,359	1,759	3,008	150
	Household and Consumer Product Business	7	201	35	0.174	4,093	20.4	67	0.3	(*)	(*)	(*)	196	47	<1	4	0
	Functional Materials Business	27	759	658	0.867	61,692	81.3	7,551	10.0	588	1,299	1,069	174	937	864	530	66
	Forest Resources and Environment Marketing Business	36	3,288	511	0.155	61,323	18.7	44,592	13.6	<1	<1	1,581	11,844	354	223	385	1,824
	Printing and Communications Media Business	7	3,448	2,839	0.823	361,246	104.8	16,481	4.8	52	19	765	18,781	8,903	2,857	6,175	287
	Other business	46	1,202	457	0.380	54,484	45.3	90,203	75.0	14	693	925	13	1,837	0	650	770
	Total (consolidated companies)	286	15,507	7,560	0.488	737,129	47.5	171,599	11.1	750	77	7,740	35,038	14,436	5,704	10,750	3,097
FY2018	Industrial Material Business	161	6,595	3,126	0.474	191,294	29.0	16,896	2.6	134	24	3,286	3,947	2,622	2,440	3,261	153
	Household and Consumer Product Business	7	217	35	0.161	4,062	18.7	52	0.2	(*)	(*)	(*)	<1	46	<1	4	294
	Functional Materials Business	27	799	685	0.857	59,979	75.1	4,897	6.1	588	1,237	1,243	177	1,004	1,081	495	57
	Forest Resources and Environment Marketing Business	37	3,563	455	0.128	63,191	17.7	36,250	10.2	<1	<1	1,485	11,026	575	297	259	1,387
	Printing and Communications Media Business	7	3,626	2,961	0.817	366,604	101.1	19,536	5.4	52	18	902	19,599	8,921	2,576	6,178	303
	Other business	46	1,172	489	0.417	55,759	47.6	88,609	75.6	14	702	944	<1	1,661	<1	639	750
	Total (consolidated companies)	285	15,972	7,751	0.485	740,889	46.4	166,240	10.4	788	78	7,860	34,749	14,829	6,394	10,834	2,944

* Emissions not listed because there are no sites where regulations apply.