

Sustainability performance indicators



Group key figures	unit of measure	GRI-reference	2017	2018	2019	2020	2021	2022	% variance
Model Group									
consolidated gross sales	MCHF	102-7	915	991	942	859	1 067	1 212	32%
investments	MCHF	102-7	86	54	48	57	156	152	77%
corrugated board production	Mm ²	102-7	1 361	1 349	1 396	1 453	1 527	1 328	-2%
laminated corrugated board packaging	Mm ²	102-7	43	49	49	52	65	51	20%
cardboard packaging	tonnes	102-7	22 500	21 400	21 300	18 600	18 100	19 000	-16%
containerboard production	tonnes	102-7	388 600	399 600	404 200	408 382	407 700	466 000	20%
consumption containerboard	tonnes	Model indicator	785 858	771 951	750 625	778 403	786 876	682 775	-13%
Classification employees									
employees	FTE	102-8	4 285	4 320	4 287	4 225	4 473	4 541	6%
permanent	FTE	102-8	3 754	3 806	3 821	3 790	4 296	4 468	19%
temporary	FTE	102-8	205	148	132	141	177	73	-64%
full-time	FTE	102-8	3 842	3 851	3 892	3 867	4 387	4 462	16%
part-time	FTE	102-8	86	78	63	67	86	79	-9%
apprentices	Headcount	102-8	88	84	76	56	57	57	-35%
model workers who are not employed at the factory**	Headcount	102-8	119	113	149	129	182	125	5%
Integrity									
Confirmed incidents of corruption and actions taken	number	205-3	0	0	0	0	0	0	0
Legal actions for anti-competitive behavior, anti-trust and monopoly practices	number	206-1	0	0	0	0	0	0	0
Quality									
Product safety									
Proportion of external certified product safety system			44%	50%	63%	73%	80%	87%	98%
factory with an external certified product safety system	number	Model indicator	7	8	10	11	12	13	86%
factory with a product safety system	number	Model indicator	16	16	16	15	15	15	-6%
Incidents of non-compliance concerning the health and safety impacts of products									
incidents of non-compliance with regulations resulting in a fine or penalty	number	416-2	0	0	0	0	0	0	0
incidents of non-compliance with regulations resulting in a warning	number	416-2	0	0	0	0	0	0	0
incidents of non-compliance with voluntary codes	number	416-2	0	0	0	0	0	0	0
Complaints for health requirements									
number of customer complaints for health requirements	number	Model indicator	0	0	0	3	0	0	0
Employees									
Work safety									
employees* and workers** who work and/or workplace is controlled by Model, who are covered by such a system	employees FTE	number	4 002	4 029	4 035	3 998	3 968	3 968	-1%
	workers FTE	number	137	128	167	148	228	228	67%
	Total FTE	number	4 138	4 157	4 203	4 147	4 196	4 196	1%
employees* and workers** who work and/or workplace is controlled by Model, who are covered by such a system that has been internally audited	employees FTE	number	4 002	4 029	4 035	3 998	3 968	3 968	-1%
	workers FTE	number	137	128	167	148	228	228	67%
	Total FTE	number	4 138	4 157	4 203	4 147	4 196	4 196	1%
employees* and workers** who work and/or workplace is controlled by Model, who are covered by such a system that has been audited or certified by an external party	employees FTE	number	197	312	916	893	47	47	-76%
	workers FTE	number	4	25	59	51	86	86	2224%
	Total FTE	number	201	337	976	894	133	133	-34%
occupational accidents	number	Model indicator	176	225	184	175	242	242	38%
Human Resources									
investments for training and education	CHF	404-2	935 489	1 092 509	1 176 847	1 034 192	830 724	830 724	-11%
supported external training	number	404-2	216	242	455	322	180	180	-17%
apprentices	number		88	84	79	65	59	59	-33%
Environment									
Paper cycle									
Proportion of recycled fibre-based materials used			77%	79%	83%	83%	81%	80%	4%
total input recycled fibre-based materials used	tonnes	301-2	616 421	617 171	649 046	666 600	700 289	610 557	-1%
total input fibre-based materials used	tonnes	301-2	796 864	786 531	785 432	806 308	868 040	762 430	-4%
Proportion of FSC fibre-based materials used			78%	77%	85%	91%	90%	92%	21%
total input FSC fibre-based materials used	tonnes	Model indicator	578 973	608 817	667 054	730 525	778 772	697 652	20%
total input fibre-based materials used	tonnes	Model indicator	766 539	786 441	785 432	806 893	868 040	762 431	-1%
Proportion of model recover			30%	31%	33%	34%	35%	37%	20%
total input model recover (direct collection) waste paper used	tonnes	Model indicator	123 816	128 155	139 300	146 287	147 068	157 126	27%
total input waste paper fibres used for containerboard production	tonnes	Model indicator	406 501	419 698	423 078	428 230	424 931	430 148	6%
Resource efficiency									
Resource efficiency									
total specific resource use	%	Model indicator	100%	101%	98%	98%	99%	95%	-5%
Energy consumption									
total energy consumption	kWh	302-1	985 364 875	999 006 199	964 349 784	925 145 473	948 605 341	898 620 716	-9%
electricity consumption	kWh	302-1	204 813 031	212 063 219	204 541 976	202 982 448	208 243 797	202 976 943	-1%
of this self-generated electricity	kWh	302-1	9 319 706	8 069 512	8 030 041	6 087 434	4 693 815	6 093 008	-35%
steam from district heating consumption	kWh	302-1	370 262 020	384 745 210	378 695 644	377 975 660	346 144 094	344 620 430	-7%
refuse-derived fuel consumption	kWh	302-1	126 537 805	129 166 717	119 409 395	89 308 466	93 984 503	98 020 412	-23%
natural gas consumption	kWh	302-1	183 423 954	175 379 608	177 141 596	174 520 243	189 983 256	156 578 381	-15%
heating oil consumption	kWh	302-1	12 769 133	25 422 168	22 059 566	22 232 534	48 835 483	44 655 580	250%
biogas consumption	kWh	302-1	28 037 736	22 431 019	14 744 714	14 620 271	13 818 533	12 617 321	-55%
diesel fuel consumption	kWh	302-1	55 121 195	46 428 258	44 094 893	39 574 584	43 450 703	41 193 040	-25%
liquefied petroleum gas	kWh	302-1	4 400 000	3 370 000	3 662 000	3 929 363	4 244 970	3 768 435	-14%
Energy consumption by area									
production locations area Paper	kWh	Model indicator	664 652 306	692 890 403	660 973 657	629 505 084	627 106 691	608 185 204	-8%
production locations area Packaging	kWh	Model indicator	320 712 569	306 115 796	303 376 127	295 640 389	321 498 649	290 435 511	-9%
of this fuel for delivery of finished products	kWh	Model indicator	49 304 593	40 859 699	38 491 821	35 385 424	37 020 817	33 626 357	-32%
Energy consumption by quality									
renewable electricity	kWh	302-1	4 528 587	4 838 905	3 860 201	3 919 769	5 065 662	8 866 192	96%
renewable energy	kWh	302-1	249 828 197	238 521 010	218 688 212	173 668 927	166 550 735	172 751 015	-31%
share renewable energy	%	302-1	34	31	29	23	22	24	-29%
fossil energy	kWh	302-1	735 536 678	760 485 189	745 661 572	750 974 279	750 459 705	720 794 003	-2%
Climate									
total greenhouse gases, marketbased (scope 1+2)	tonnesCO ₂ e	305-1/2	113 921	117 942	108 361	116 149	128 876	113 208	-1%
fossil greenhouse gases scope 1, marketbased	tonnesCO ₂ e	305-1/2	60 322	58 727	54 081	53 522	61 807	57 343	-5%
biogenic greenhouse gases scope 1, marketbased	tonnesCO ₂ e	305-1/2	16 970	21 394	16 632	28 095	30 372	30 469	80%
fossil greenhouse gases scope 2, marketbased	tonnesCO ₂ e	305-1/2	36 629	37 822	37 646	34 532	36 697	25 396	-31%
biogenic greenhouse gases scope 2, marketbased	tonnesCO ₂ e	305-1/2	-	-	-	-	-	-	-
Waste									
total waste	tonnes	306-2	186 996	190 251	185 504	188 196	208 493	190 418	2%
non-hazardous waste	tonnes	306-2	179 938	183 382	178 771	182 843	202 841	185 296	3%
of this recycled	tonnes	306-2	146 383	146 064	141 567	147 439	150 165	141 631	-3%
of this recycled paper fibres	tonnes	306-2	143 589	145 092	140 649	132 090	148 535	140 406	-2%
of this thermal recycled	tonnes	306-2	33 331	37 079	36 976	35 245	52 532	43 505	31%
of this landfill	tonnes	306-2	224	241	229	145	144	170	-24%
hazardous waste	tonnes	306-2	7 058	6 869	6 732	5 352	5 652	5 120	-27%
of this recycled	tonnes	306-2	69	86	98	88	32	42	-39%
of this thermal recycled	tonnes	306-2	638	731	640	559	597	472	-44%
of this landfill	tonnes	306-2	6 151	6 052	5 994	4 701	5 023	4 609	-25%
Water withdrawal									
total water withdrawal	m ³	303-3	2 968 822	2 873 427	2 884 929	2 632 459	2 639 268	2 787 672	-6%
of this third-party water	m ³	303-3	174 999	156 541	154 103	152 928	158 868	169 647	-3%
of this groundwater	m ³	303-3	2 793 823	2 716 886	2 730 826	2 481 530	2 480 400	2 618 105	-6%
Water discharge									
total process waste water	m ³	303-4	1 603 834	1 715 547	1 587 681	1 405 027	1 341 797	1 395 811	-13%
of this to waste-water treatment plants	m ³	303-4	1 603 834	1 715 547	1 587 681	1 404 743	1 341 797	1 395 811	-13%

Supply chain	unit of measure	GRI-reference	2017	2018	2019	2020	2021	2022	% variance
Supply chain (Scope Switzerland only)									
new suppliers that were screened using environmental criteria	%	308-1	96	96	96	96	96	96	0%
new suppliers that were screened using social criteria	%	414-1	96	96	96	96	96	96	0%
number of direct suppliers	number	Model indicator	1 740	2 491	1 584	1 492	1 631	1 631	-6%
number of self-audit at direct suppliers	number	Model indicator	27	46	156	111	217	217	704%
number of self-audit with category A at direct suppliers	number	Model indicator	23	36	88	74	144	144	526%

Glossary

CHF	Swiss franc
*employees	Individual who is in an employment relationship with Model, according to national law
FTE	Full Time Equivalent
GRI	Global Reporting Initiative
kWh	Kilowatt hour
m ³	Cubic meter
MCHF	Million swiss francs
Mm ²	Million square meters
** workers	Model worker, who is not employed by Model. This often concerns self-employed persons and persons who are employed by third parties, but who, for example, have a badge and workplace with Model.