

Sustainability performance indicators

Group key figures	unit of measure	GRI-reference	2017	2018	2019	2020	2021	% variance
Model Group								
consolidated sales	MCHF	102-7	915	991	942	859	1'067	16.6%
investments	MCHF	102-7	86	54	48	57	156	81.4%
corrugated board production	Mm ²	102-7	1'361	1'349	1'396	1'453	1'527	12.2%
laminated corrugated board packaging	Mm ²	102-7	43	49	49	52	65	52.9%
cardboard packaging	tonnes	102-7	22'500	21'400	21'300	18'600	18'100	-19.6%
containerboard production	tonnes	102-7	388'600	399'600	404'200	408'382	407'700	4.9%
consumption containerboard	tonnes	Model indicator	785'858	771'951	750'625	778'403	664'991	-15.4%
Classification employees								
employees	FTE	102-8	4'285	4'320	4'287	4'225	4'473	4.4%
permanent	FTE	102-8	3'754	3'806	3'821	3'790	4'296	14.4%
temporary	FTE	102-8	205	148	132	141	177	-13.6%
full-time	FTE	102-8	3'842	3'851	3'892	3'867	4'387	14.2%
part-time	FTE	102-8	86	78	63	67	86	-0.4%
apprentices	Headcount	102-8	88	84	76	56	57	-35.2%
model workers who are not employed at the factory**	Headcount	102-8	119	113	149	129	182	52.7%
Integrity								
Confirmed incidents of corruption and actions taken	number	205-3	0	0	0	0	0	
Legal actions for anti-competitive behavior, anti-trust and monopoly practices	number	206-1	0	0	0	0	0	
Quality								
Product safety								
Proportion of external certified product safety system			44%	50%	63%	73%	80%	82.9%
factory with an external certified product safety system	number	Model indicator	7	8	10	11	12	71.4%
factory with a product safety system	number	Model indicator	16	16	16	15	15	-6.3%
Incidents of non-compliance concerning the health and safety impacts of								
incidents of non-compliance with regulations resulting in a fine or penalty	number	416-2	0	0	0	0	0	
incidents of non-compliance with regulations resulting in a warning	number	416-2	0	0	0	0	0	
incidents of non-compliance with voluntary codes	number	416-2	0	0	0	0	0	
Complaints for health requirements								
number of customer complaints for health requirements	number	Model indicator	0	0	0	3	0	
Environment								
Paper cycle								
Proportion of recycled fibre-based materials used			77%	78%	83%	83%	81%	4.3%
total input recycled fibre-based materials used	tonnes	301-2	616'421	617'171	649'046	666'600	700'269	13.6%
total input fibre-based materials used	tonnes	301-2	796'864	786'531	785'432	806'308	868'040	8.9%
Proportion of FSC fibre-based materials used			76%	77%	85%	91%	90%	18.8%
total input FSC fibre-based materials used	tonnes	Model indicator	578'973	608'817	667'054	730'525	778'772	34.5%
total input fibre-based materials used	tonnes	Model indicator	766'539	786'441	785'432	806'893	868'040	13.2%
Proportion of model recoverer			30%	31%	33%	34%	35%	13.6%
total input model recoverer (direct collection) waste paper used	tonnes	Model indicator	123'816	128'155	139'300	146'287	147'068	18.8%
total input waste paper fibres used for containerboard production	tonnes	Model indicator	406'501	419'698	423'078	428'230	424'931	4.5%
Resource efficiency								
Resource efficiency								
total specific resource use	%	Model indicator	100%	101%	98%	98%	99%	-1.0%
Energy consumption								
total energy consumption	kWh	302-1	985'364'875	999'006'199	964'349'784	925'145'473	948'605'341	-3.7%
electricity consumption	kWh	302-1	204'813'031	212'063'219	204'541'976	202'982'448	208'243'797	1.7%
of this self-generated electricity	kWh	302-1	9'319'706	8'065'512	8'030'041	6'097'434	4'693'815	-49.6%
steam from district heating consumption	kWh	302-1	370'262'020	384'745'210	378'695'644	377'975'660	346'144'094	-6.5%
refuse-derived fuel consumption	kWh	302-1	126'537'805	129'166'717	119'409'395	89'308'466	93'884'503	-25.8%
natural gas consumption	kWh	302-1	183'423'954	175'379'608	177'141'596	174'520'243	189'983'266	3.6%
heating oil consumption	kWh	302-1	12'769'133	25'422'168	22'059'566	22'232'534	48'835'483	282.4%
biogas consumption	kWh	302-1	28'037'736	22'431'019	14'744'714	14'620'271	13'818'533	-50.7%
diesel fuel consumption	kWh	302-1	55'121'195	46'428'258	44'094'893	39'574'584	43'450'703	-21.2%
liquefied petroleum gas	kWh	302-1	4'400'000	3'370'000	3'662'000	3'929'363	4'244'970	-3.5%
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	-5.6%
production locations area Packaging	kWh	Model indicator	320'712'569	306'115'796	303'376'127	295'640'389	321'498'649	0.2%
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	-24.9%
Energy consumption by quality								
renewable energy	kWh	302-1	249'828'197	238'521'010	218'688'212	173'668'927	166'550'735	-33.3%
share renewable energy	%	302-1	34	31	29	23	22	-34.7%
fossil energy	kWh	302-1	735'536'678	760'485'189	745'661'572	750'974'279	750'459'705	2.0%
Climate								
total greenhouse gases, marketbased (scope 1+2)	tonnes _{CO2eq}	305-1/2	113'921	117'942	108'361	116'149	130'663	14.7%
fossil greenhouse gases scope 1, marketbased	tonnes _{CO2eq}	305-1/2	60'322	58'727	54'081	53'522	63'201	4.8%
biogenic greenhouse gases scope 1, marketbased	tonnes _{CO2eq}	305-1/2	16'970	21'394	16'632	28'095	30'372	79.0%
fossil greenhouse gases scope 2, marketbased	tonnes _{CO2eq}	305-1/2	36'629	37'822	37'646	34'532	37'089	1.3%
biogenic greenhouse gases scope 2, marketbased	tonnes _{CO2eq}	305-1/2	-	-	-	-	-	
Waste								
total waste	tonnes	306-2	186'996	190'251	185'504	188'196	208'493	11.5%
non-hazardous waste	tonnes	306-2	179'938	183'382	178'771	182'843	202'841	12.7%
of this recycled	tonnes	306-2	146'383	146'064	141'567	147'439	150'165	2.6%
of this recycled paper fibres	tonnes	306-2	143'589	145'092	140'649	132'090	148'535	3.4%
of this thermal recycled	tonnes	306-2	33'331	37'079	36'976	35'245	52'532	57.6%
of this landfill	tonnes	306-2	224	241	229	145	144	-35.9%
hazardous waste	tonnes	306-2	7'058	6'869	6'732	5'352	5'652	-19.9%
of this recycled	tonnes	306-2	69	86	98	88	32	-53.9%
of this thermal recycled	tonnes	306-2	838	731	640	559	597	-28.8%
of this landfill	tonnes	306-2	6'151	6'052	5'994	4'701	5'023	-18.3%
Water withdrawal								
total water withdrawal	m ³	303-3	2'968'822	2'873'427	2'884'929	2'632'459	2'639'268	-11.1%
of this third-party water	m ³	303-3	174'999	156'541	154'103	150'928	158'868	-9.2%
of this groundwater	m ³	303-3	2'793'823	2'716'886	2'730'826	2'481'530	2'480'400	-11.2%
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	-16.3%
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	-16.3%

Employees		unit of measure	GRI-reference	2017	2018	2019	2020	2021	% variance
Work safety									
employees* and workers** who work and/or workplace is controlled by Model, who are covered by such a system	employees FTE	number	403-8	4'002	4'029	4'035	3'998	3'968	-0.8%
	workers FTE	number	403-8	137	128	167	148	228	66.7%
	Total FTE	number	403-8	4'138	4'157	4'203	4'147	4'196	1.4%
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	403-8	4'002	4'029	4'035	3'998	3'968	-0.8%
	workers FTE	number	403-8	137	128	167	148	228	66.7%
	Total FTE	number	403-8	4'138	4'157	4'203	4'147	4'196	1.4%
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	403-8	197	312	916	893	47	-76.1%
	workers FTE	number	403-8	4	25	59	51	86	2224.3%
	Total FTE	number	403-8	201	337	976	894	133	-33.7%
occupational accidents		number	Model indicator	176	225	184	175	242	37.5%
Human Resources									
investments for training and education		CHF	404-2	935'489	1'092'509	1'176'847	1'034'192	830'724	-11.2%
supported external training		number	404-2	216	242	455	322	180	-16.7%
apprentices		number		88	84	79	65	59	-33.0%
Supply chain									
Supply chain (Scope Switzerland only)									
new suppliers that were screened using environmental criteria		%	308-1	96	96	96	96	96	0.0%
	new suppliers that were screened using social criteria	%	414-1	96	96	96	96	96	0.0%
Proportion of supplier assessment				85%	78%	56%	67%	66%	-22.1%
number of direct suppliers		number	Model indicator	1'740	2'491	1'584	1'492	1'631	-6.3%
number of self-audit at direct suppliers		number	Model indicator	27	46	156	111	217	703.7%
number of self-audit with category A at direct suppliers		number	Model indicator	23	36	88	74	144	526.1%
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.								