

	Units	2013	2014	2015	2016	2017
ENERGY¹						
Total energy purchased	Millions of GJs	22.7	24.0	20.3	19.7	18.7
Energy consumption for papermaking activities	GJ/metric tonne	10.9	10.3	9.8	9.6	9.4
GREENHOUSE GASES¹						
CO ₂ equivalent emissions intensity	kg/metric tonne	217	200	197	211	211
Total emissions CO ₂ equivalent	Thousand of metric tonnes	464	449	413	417	418
RESIDUAL MATERIAL¹						
Beneficial use of residue	% of total generated	74	70	76	76	76
Residual material produced	kg/metric tonne	325	299	315	301	311
WATER¹						
Water consumption	m ³ /metric tonne	12.8	10.9	10.4	9.5	10.1
Suspended solids returned to effluent	kg/metric tonne	0.67	0.54	0.42	0.36	0.64
Biochemical oxygen demand (BOD) after five days in effluent	kg/metric tonne	0.63	0.53	0.36	0.21	0.27
FIBRE SUPPLY²						
Recycled fibre consumption	Millions of short tons	3	3.1	3.1	3.2	3.2
	% of total	79	84	83	84	82
Virgin fibre consumption	Millions of short tons	0.5	0.4	0.4	0.4	0.4
	% of total	13	11	11	10	10
Virgin pulp consumption	Millions of short tons	0.3	0.2	0.2	0.2	0.3
	% of total	8	5	6	6	8
Total fibre supply	Millions of short tons	3.8	3.7	3.7	3.8	3.9
WORKFORCE PROFILE						
Total number of employees	Employees	12,221	11,262	10,675	10,858	11,346
Women	Employees	1,861	1,779	1,639	1,843	2,220
% of the workforce	% of total	15%	16%	15%	17%	20%
Men	Employees	10,174	9,495	9,036	9,015	9,131
% of the workforce	% of total	85%	84%	85%	83%	80%
Average seniority	Years	13	13	12	12	12
Average age	Years	45	45	44	45	45
Interns	Employees	134	120	140	154	141
Students	Employees	472	469	368	405	359
GEOGRAPHIC DISTRIBUTION OF EMPLOYEES						
Canada	% of total	65	64	61	63	65
United States	% of total	19	21	23	22	21
Europe	% of total	16	15	16	15	14
COMPENSATION						
Gross earnings	Millions of \$	634	628	609	627	650
Benefits	Millions of \$	267	262	245	255	252
Profit-sharing	Millions of \$	39	40	52	56	53
Total compensation	Millions of \$	940	930	906	938	955
TRAINING						
Number of hours spent on training	Thousand hours	590	672	350	318	314
Number of employees trained	Employees	8,848	9,155	8,356	8,483	8,535
Amount invested in training	Millions of \$	12	12.5	11.8	11	10
	% of total payroll	1.75	1.87	1.79	1.61	1.47
HEALTH AND SAFETY						
Lost time frequency rate (OSHA)	Per 200,000 hours worked	3.2	3.3	2.6	2.2	2.2
Fatality	Employee	0	0	0	0	1
DONATIONS AND SPONSORSHIPS						
By Cascades Inc.	Millions of \$	3	2.3	3.3	3.1	3.1
SELECTED FINANCIAL DATA						
Sales ³	Millions of \$	3,370	3,561	3,861	4,001	4,321
Return on capital employed ³	%	4.0	4.1	5.7	5.2	3.7
Return on Assets ³	%	9.3	9.4	11.3	10.8	9.2
Investments ^{3,4}	Millions of \$	181	173	153	237	302
Investments in research and development	Millions of \$	39.2	36.2	37.8	38.2	To come

¹ Includes production plants only.

² Includes procurement of Reno de Medici S.p.A.; fully consolidated according to IFRS accounting standards. Includes procurement of Greenpac since 2014.

³ See Annual Report.

⁴ Includes the acquisition of fixed assets, an increase in other ERP assets and the acquisition of companies.