

EU Paper mill data

ADDITIONAL DATA

SMURFIT KAPPA

Environmental data 2024

Paper and Board mills, Europe

Note: The data reported here is extracted from the same source as the data table published on page 116 of the 2024 Smurfit Westrock Sustainability Report.

		Virgin containerboard mills ¹	Recycled mills ²	Speciality kraft paper mills ³	Total mills
Production	ktonnes	1,677	4,430	237	6,344
Energy					
Electricity					
Co Generated	GWh	811	1,079	159	2,049
Self generated	GWh	-	0.0	-	0.0
Hydro power	GWh	-	3.9	-	3.9
Solar electricity generated on site	GWh	-	-	11	11
Net Grid supply	GWh	486	719	159	1,364
Total electricity	GWh	1,298	1,801	328	3,428
Fuel usage					
Biofuels	TJ	23,314	2,496	5,439	31,249
Fossil fuels	TJ	1,455	22,845	560	24,861
Total fuels	TJ	24,770	25,341	5,999	56,109
Water Withdrawal					
Surface	Mm ³	46.3	32.3	6.6	85.1
Ground	Mm ³	0.9	11.3	-	12.2
Grid	Mm ³	0.1	0.7	0.0	0.8
Total water⁴	Mm³	48.4	45.1	7.0	100.4
Discharges					
To air					
CO ₂ fossil direct - Scope 1	ktonnes	85	1,310	35	1,430
CO ₂ fossil indirect - Scope 2	ktonnes	6	96	24	125
CO ₂ biogenic	ktonnes	2,521	276	568	3,364
Dust (PM: particulates matter)	tonnes	136.8	6.4	30.7	173.9
NO _x as NO ₂	tonnes	1,475	908	351	2,733
SO _x as SO ₂	tonnes	173	494	57	724
To water					
Process water	Mm ³	26.1	21.0	5.8	53.0
Cooling water	Mm ³	20.3	17.6	-	37.9
COD ⁵	tonnes	14,448	8,709	1,800	24,957
BOD ⁵	tonnes	6,067	3,206	415	9,688
Total Suspended Solids ⁵	tonnes	1,442	2,493	255	4,190
Total Nitrogen ⁵	tonnes	186.4	293.9	28.9	509.3
Total Phosphorous ⁵	tonnes	19.0	38.4	1.1	58.5
Wastes					
Total Non hazardous wastes	tonnes	123,638	397,707	34,523	555,868
Landfill	tonnes	16,927	72,214	20,558	109,699
Recovery	tonnes	106,686	314,214	13,965	434,865
Other disposal method	tonnes	25	11,279	-	11,303
Hazardous wastes	tonnes	711	5,606	512	6,829

¹ Facture (France), Nettingsdorf (Austria), Piteå (Sweden)

² Ania and Verzuolo (Italy), Belgrade (Serbia), Hoya, Herzberger, Wrexen and Zulpich (Germany), Mengibar (Spain), Morava (Czech Republic), Parenco and Roermond (the Netherlands), Saillat and Rethel (France), SSK and Townsend Hook (United Kingdom).

³ Nervión and Sangüesa (Spain)

⁴ Total water includes rainwater and waste water from another organization.

⁵ Sum of available data.