

4.4. Environmental and social indicators - CSR concordance tables

Environmental indicators

	2017	2016	2015
MANAGEMENT			
Number of sites monitored	88	85	90
Number of ISO 14001 certified sites	66	65	66
% of ISO 14001 certified sites	75%	76%	73%
Number of EHP ⁽¹⁾ certified sites	78	72	72
% of EHP certified sites	89%	85%	80%
CONSUMPTION			
Energy purchased (MWh)	1,174,576	1,235,928	1,218,955
Energy intensity (MWh/m€)	257	279	265
■ Electricity (MWh)	689,309	699,377	732,011
■ Fuel oil (MWh)	64,411	62,004	78,186
■ Gas (MWh)	407,852	461,010	393,143
■ Steam (MWh)	13,004	13,536	15,615
Water consumption (m ³)	2,299,150	2,080,471	2,272,977
Water intensity (m ³ /m€)	503	470	494
Solvent purchased (Tonnes)	476	433	460
Copper consumption (Tonnes) ⁽²⁾	460,000	470,000	445,000
Aluminium consumption (Tonnes) ⁽²⁾	103,000	110,000	113,000
WASTES AND EMISSIONS			
Waste tonnage (Tonnes)	87,014	80,123	84,832
Waste intensity (Tonnes/m€)	19	18	18
■ Of which hazardous wastes (Tonnes)	10,152	5,048	5,368
Hazardous wastes intensity (Tonnes/m€)	2	1	1
CO ₂ emissions ⁽³⁾ (Tonnes eq CO ₂)	396,976	407,973	411,396
CO ₂ emissions intensity (Tonnes/m€)	87	92	89
■ Of which scope 1 (Tonnes eq CO ₂)	130,598	139,910	139,353
■ Of which scope 2 (Tonnes eq CO ₂)	232,073	233,904	234,794
■ Of which scope 3 (Tonnes eq CO ₂)	34,305	34,159	37,249

(1) EHP: Highly Protected Environment - Group's internal environmental label.

(2) The raw material consumed correspond to the tons sold to Group external customers during the year.

(3) Direct and certain indirect emissions of CO₂ (from electricity and steam consumption, upstream power line losses, use of fossil fuels, fugitives emissions and wastes treatment).