

3 Use of raw materials and consumables

	2017	2016	Change
Electricity	1,182.6	1,058.3	124.3
Gas ready for sale and net of change in stocks	1,063.8	811.3	252.5
White and grey certificates	121.5	95.0	26.5
Maintenance materials net of changes in stocks	71.6	73.2	(1.6)
Water	52.0	49.0	3.0
Plastic materials net of changes in stocks	44.7	-	44.7
Chemical products	16.9	15.7	1.2
Fuels and lubricants	16.0	15.0	1.0
Methane for industrial use	15.6	14.2	1.4
Heat management combustible materials	1.9	2.0	(0.1)
Charges and revenues from certificate valuation	(0.1)	25.6	(25.7)
Charges and revenues from derivatives	(8.9)	(2.5)	(6.4)
Consumables and sundry	29.2	20.0	9.2
Total	2,606.8	2,176.8	430.0

"White and Grey Certificates" includes the purchase cost of the various types of environmental certificates incurred during 2017, and specifically: 119.5 million Euros for White certificates (92.7 million euros in 2016) and 1.8 million Euros for Grey certificates (2.1 million euros in 2016). The change from the previous year was due to the different purchasing requirements in view of the Group's certificate needs. These needs are defined according to the obligations of the distribution companies that were quantitatively higher, as well as with significantly higher supply prices, compared to the corresponding assigned for the previous year..

"Plastic materials" includes the cost of purchasing plastic raw materials destined for subsequent processing, transformation and sales by the Aliplast Group companies, which were acquired at the beginning of the 2017 financial year.

"Charges and revenues from certificate valuation" reflects the valuation of environmental certificates in stock, mainly comprising grey and white certificates. The significant decrease in value compared to the previous financial period can be attributed to the new incentive mechanism that no longer recognizes green certificates, but rather establishes an advantageous rate for the sale of electricity.

For the item "Charges and revenues from derivatives," please see note 19 of the statement of financial position.