

Electricity procured and produced

Group breakdown by Business Unit (%) and % variation compared to the previous 2 years

		Group	Domestic	Brazil
Electricity from mixed sources	kWh	2,386,331,836	76%	24%
2018 v. 2017*		(6)%	1%	(19)%
2018 v. 2016		(10)%	(9)%	(12)%
Electricity from renewable sources	kWh	221,531,269	25%	75%
2018 v. 2017		268%	(2)%	NC
2018 v. 2016		426%	32%	NC
Total electricity consumption	kWh	2,607,863,105	71%	29%
2018 v. 2017		(0,1)%	(1)%	3%
2018 v. 2016		(3)%	(8)%	13%

* The comparison was made with 2017 data updated with respect to those reported in the last Sustainability Report, as the result of a review subsequent to the publication of the Report. The updated 2017 data refer to the total electricity purchased from mixed sources in 2017 equal to 1,716,694,496 kWh and to the electricity produced from cogeneration in 2017 equal to 102,996,893 kWh.

Consumption figures for electricity used to operate telecommunications and civil/industrial technological plants are shown in the tables.

The efficiency of TIM approach has been recognised by the assignment of Energy Efficiency Certificates, otherwise known as “white certificates”: in 2018 an additional 18,000 white certificates were allocated and sold with sales revenues of approximately 6 million euros in 2018.

The share of energy from renewable sources also increased *in Brazil*, due to more accurate reporting¹.

¹ In previous years Brazil always included renewable energy within the share of energy from mixed sources.