



CGD Emissions Inventory- 2012/2014

CHG Emissions by emission source⁽¹⁾

This inventory has been prepared in accordance with the guidelines of The Greenhouse Gas Protocol (GHG Protocol).

Knowing the carbon emissions profile of CGD's activities is the first step to ensure its proper management, including the definition and monitoring of reduction measures.

CGD keeps meeting its goal of reducing its emissions. However, in 2014 a slight 1% decrease of GHG emissions was recorded when compared to 2013. The main activity associated with the CGD's carbon footprint is scope 2, which relates to the production of electrical energy, representing 88.1% of the total GHG emissions.

CGD's GHG emissions inventory has been prepared in accordance with the guidelines of The Greenhouse Gas Protocol (GHG Protocol), currently the most recognised international standard for the preparation of corporate inventories.

	2012	2013	2014	Varição 12/14 (%)
(tCO ₂ e)				
Scope 1 - Direct Emissions from CGD Activities				
Fuel consumption on CGD's facilities	96	91	102	12,1%
Fuel consumption by CGD's own fleet	4 198	4 206	4 114	-2,2%
F-gas leaks in facilities' equipment	286	209	260	-24,0%
Total âmbito 1	4 581	4 507	4 476	-1,6%
Scope 2 - Indirect Emissions from Electricity Production				
Electricity consumption on CGD's facilities ⁽²⁾				
Central Buildings	16 736	13 267	13 142	-0,9%
Commercial Network ⁽³⁾	10 076	15 342	15 565	1,5%
Total Scope 2	26 812	28 609	28 708	0,3%
Total Scope 2 (Standardized) ⁽⁴⁾	39 118	38 076	34 931	-8,3%
Scope 3 - Other Indirect Emissions from CGD Activities				
Business trips in third-party vehicles	1 189	1 208	937	-22,5%
Treatment of waste produced in CGD's facilities ⁽⁵⁾	18	12	8	-28,2%
Total Scope 3	1 206	1 219	945	-22,5%
Total	32 599	34 335	34 128	-0,6%
Total (Standardized) ⁽⁴⁾	44 905	43 802	40 351	-7,9%

Notes:

- 1) The results include the six GHG covered by the Kyoto Protocol.
- 2) Electricity consumption on CGD's premises accounts for the consumption of electricity associated with the DataCenter currently at the Head-Office Building.
- 3) The Commercial Network only includes the consumption of the facilities located in Portugal.
- 4) Standardised values obtained by applying the emission factor representative of the National Electric System (Order No. 17313/2008) to the electricity consumption on CGD's facilities. As of 2009, the actual emissions are calculated based on the energy mix of the power suppliers contracted by CGD over the year.
- 5) In 2012 and 2013 the treatment of waste (landfilled) produced at the Porto facility of the Culturgest Foundation was included. In 2012 the calculation methodology was changed (amendment of the emission factor).