

Direct GHG emissions

DIRECT GREENHOUSE GAS EMISSIONS BY LOTOS GROUP

TOTAL [tCO₂e]

Direct greenhouse gas emissions	2017	2018
Emissions associated with electricity production	64 780	27 738
Emissions associated with heat production	1 173 839	1 319 241
Emissions from cooling and steam generation systems	0	0
Emissions from physical and chemical processing	585 486	609 878
Hydrofluorocarbons (HFC) emissions	0	0
Emissions related to transport of materials, products and waste	0	0

GREENHOUSE GAS EMISSIONS BY LOTOS GROUP

TOTAL [tCO₂e]

Greenhouse gas emissions *	2017	2018
Production of heat and electric energy	287 208	321 714
Refining production	1 481 571	1 631 027
Emission from extraction processes – burning of fossil fuels to meet the rigs' energy needs	32 399	33 551
And burning of waste gas in the burner head	50 540	45 550

* Applies to companies: Grupa LOTOS S.A., Energobaltic, LOTOS Asfalt, RCEkoenergia, LOTOS Petrobaltic.