

Performance and metrics

Climate change indicators

We use the following indicators to monitor energy demand and intensity, and consequently, identify opportunities for energy efficiency in our business units. We also monitor progress toward our goal of increasing the use of clean energy aligned with our goal of reaching 100% by 2028, if the regulatory framework allows us. In 2023, we reduced our GHG emissions by 14.17% through decarbonization initiatives, and energy consumption decreased by 7.77% compared to 2022.

All information below includes metrics for Industrias Peñoles and subsidiaries, unless otherwise indicated.

Global GHG emissions (tCO₂e)- (MWhe)

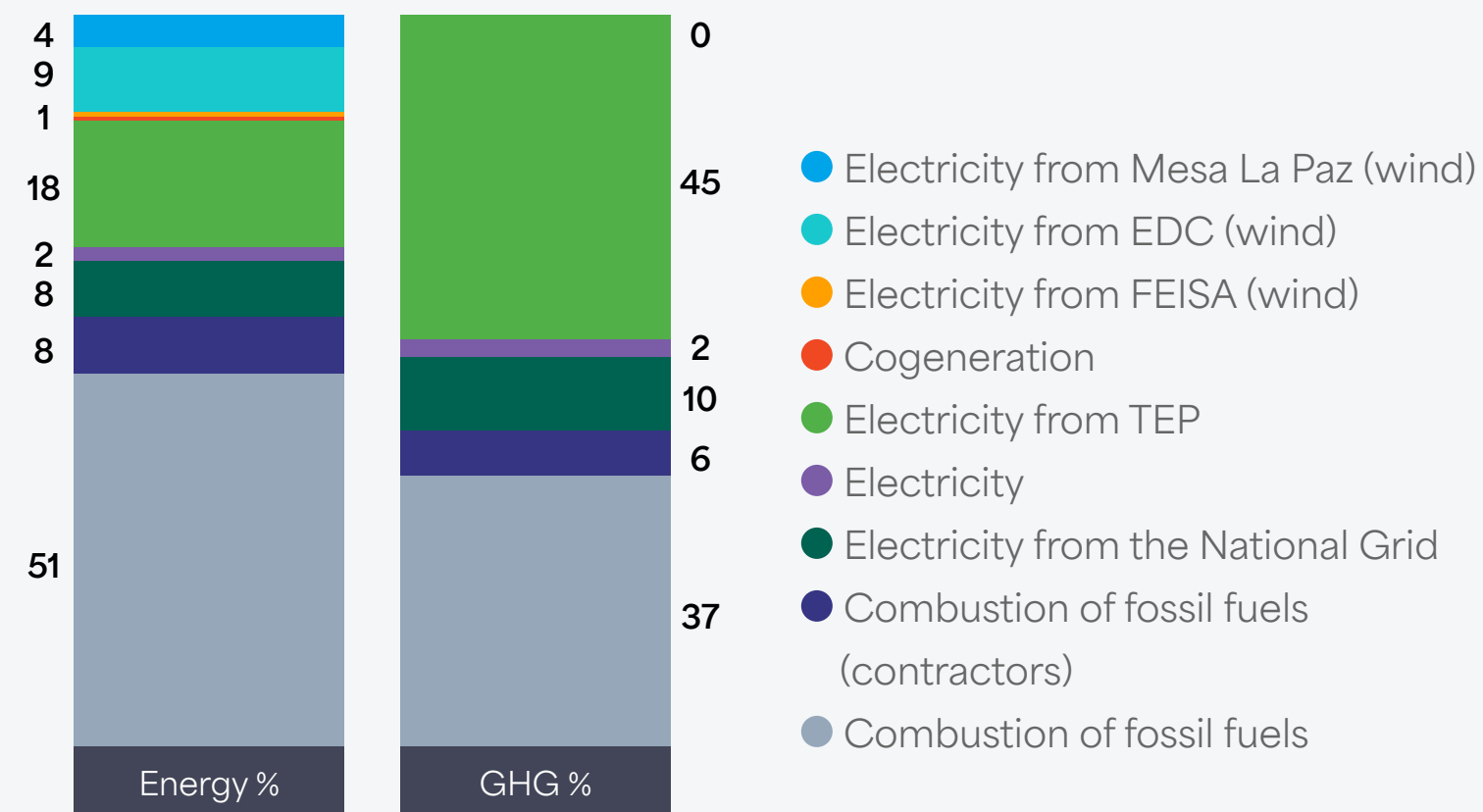
Global GHG emissions for the period from January 1 to December 31, 2023	GHG emissions (tCO ₂ e)				Energy (MWhe)				
	Reporting year				Previous year	Base year	Reporting year	Previous year	Base year
	2023				2022	2012	2023	2022	2012
	tCO ₂ e	tCO ₂	tCH ₄	tN ₂ O					
Scope 1 (direct emissions): Combustion of fuels (stationary and mobile sources) and process	1,216,142	1,200,400	96	35	1,347,660	823,932	4,394,808	4,918,702	3,528,900
Scope 2 (indirect): Electricity purchased from the national grid (CFE), Eólica Peñoles (FEISA, Mesa La Paz, and EDC), and Termoeléctrica Peñoles (TEP)	1,429,896	1,424,499	32	6	1,735,378	2,073,331	3,092,940	3,199,665	2,369,421

The consolidation of emissions is presented according to the financial control approach, based on methodologies established by the Greenhouse Gas Protocol in A Corporate Accounting and Reporting Standard published by the World Business Council for Sustainable Development (WBCSD) and the World Resources Institute (WRI), and a 100-year horizon in Global Warming Potential (GWP) for equivalences of methane (CH₄) and nitrous oxide (N₂O). It also incorporates information published by the Intergovernmental Panel on Climate Change (IPCC) and Mexican regulations issued on the matter.

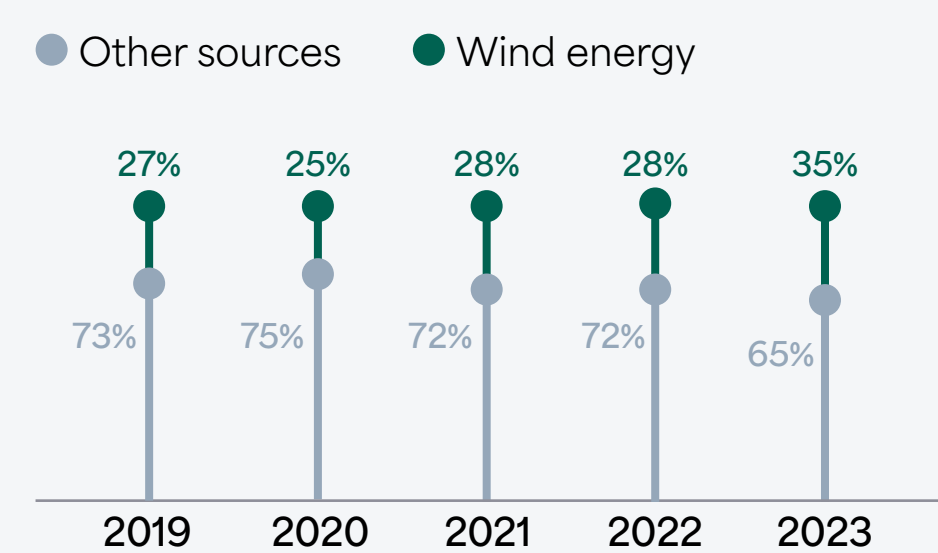
Scope 1: Direct emissions
Scope 2: Market-based indirect emissions



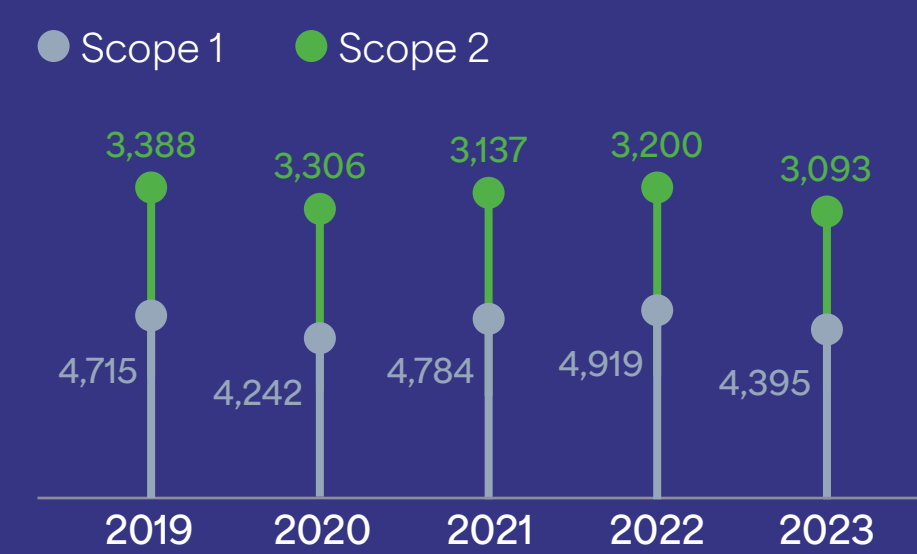
Energy-GHG profile



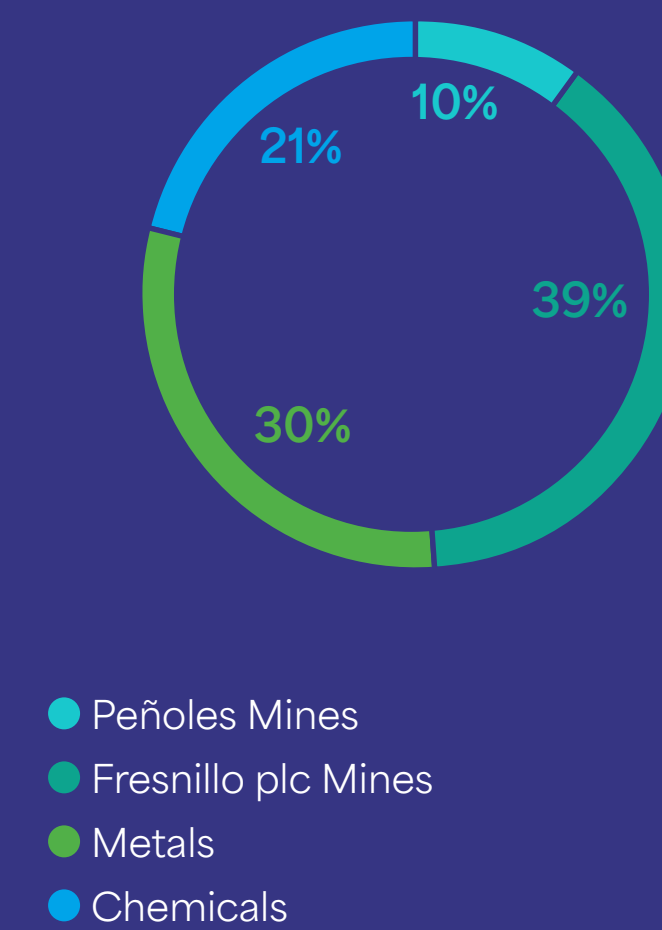
Energy supply



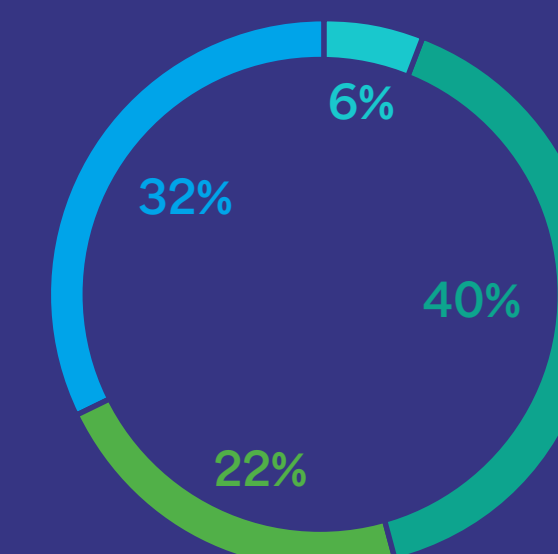
Energy



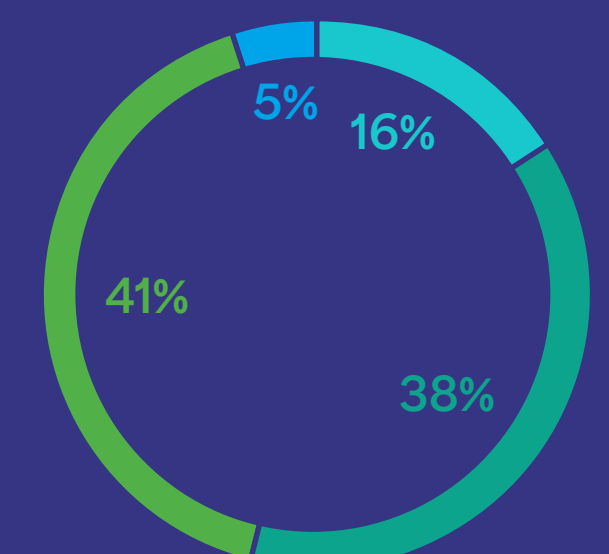
Energy



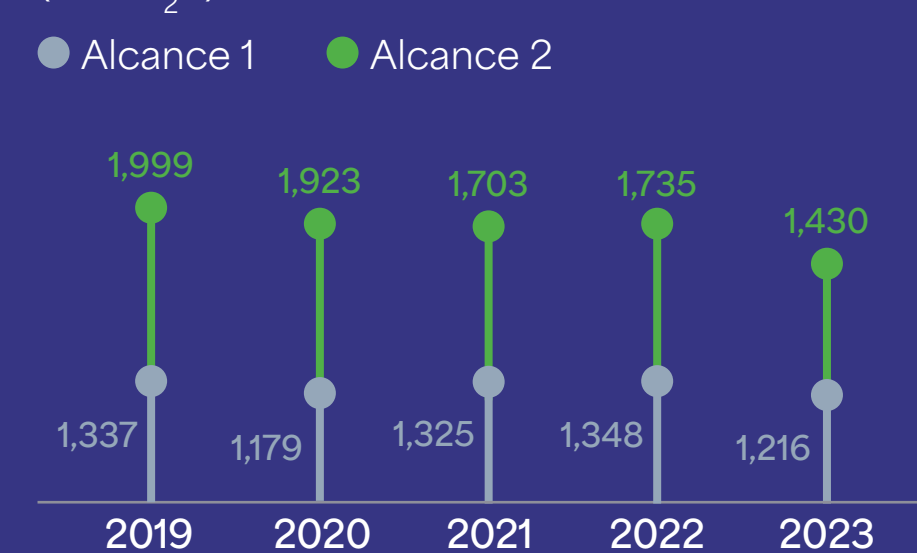
Scope 1



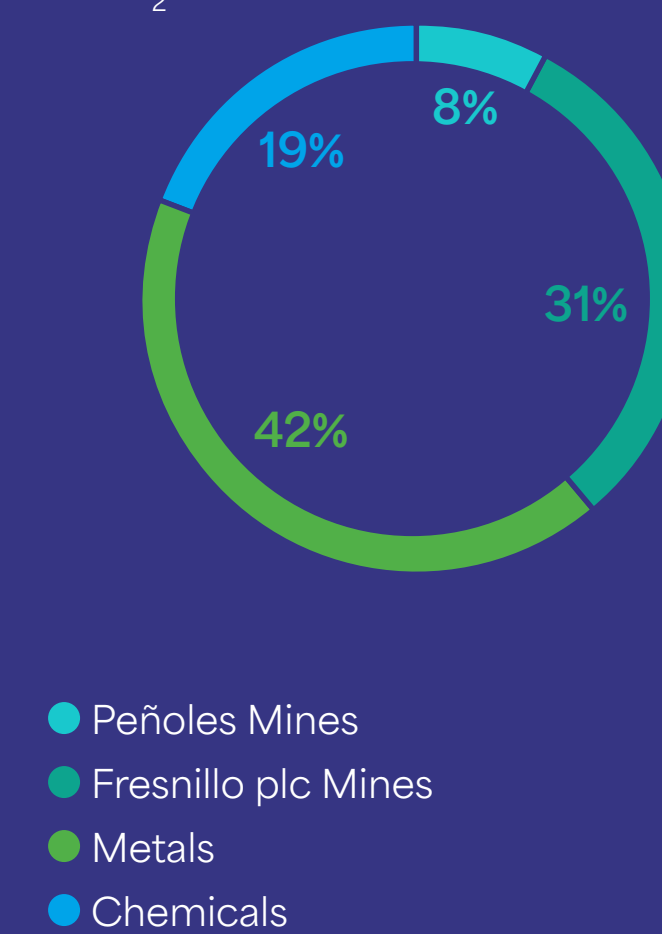
Scope 2



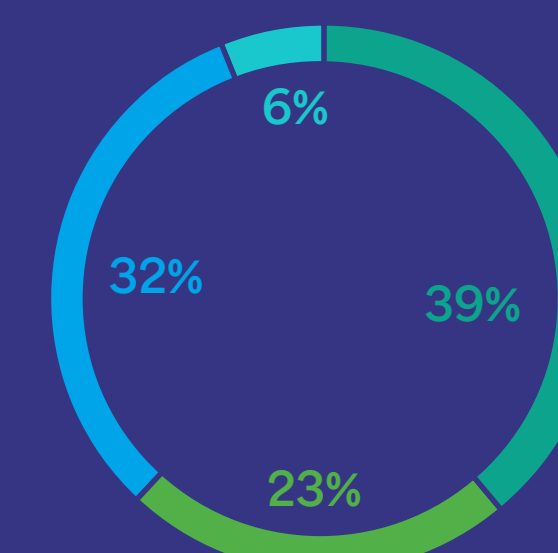
GHG emissions



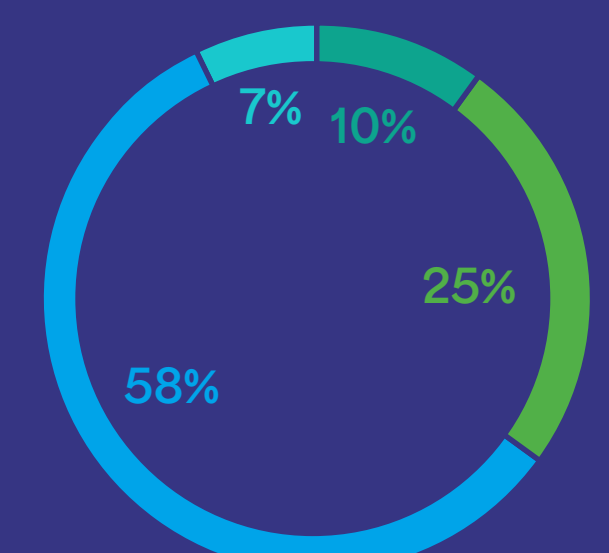
GHG



Scope 1

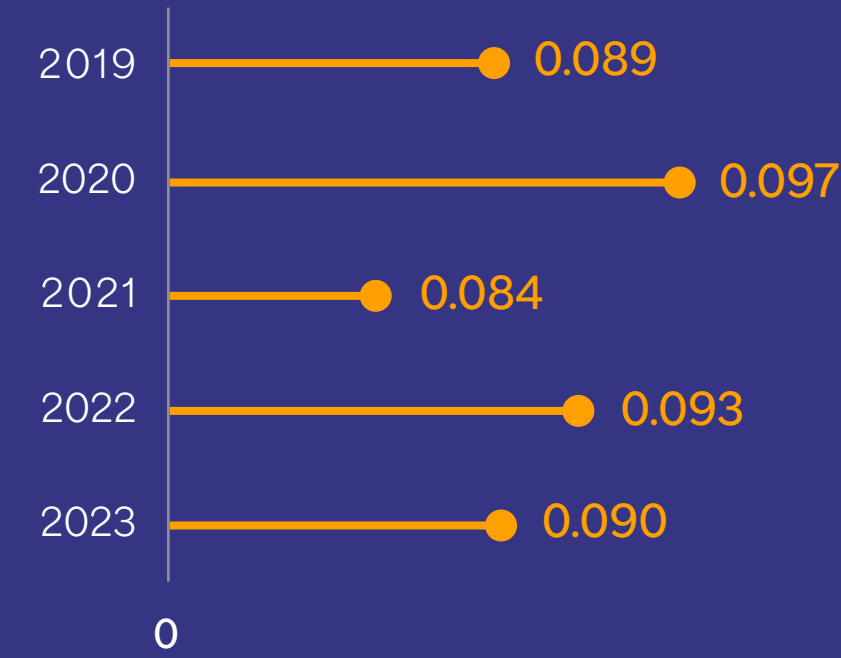


Scope 2

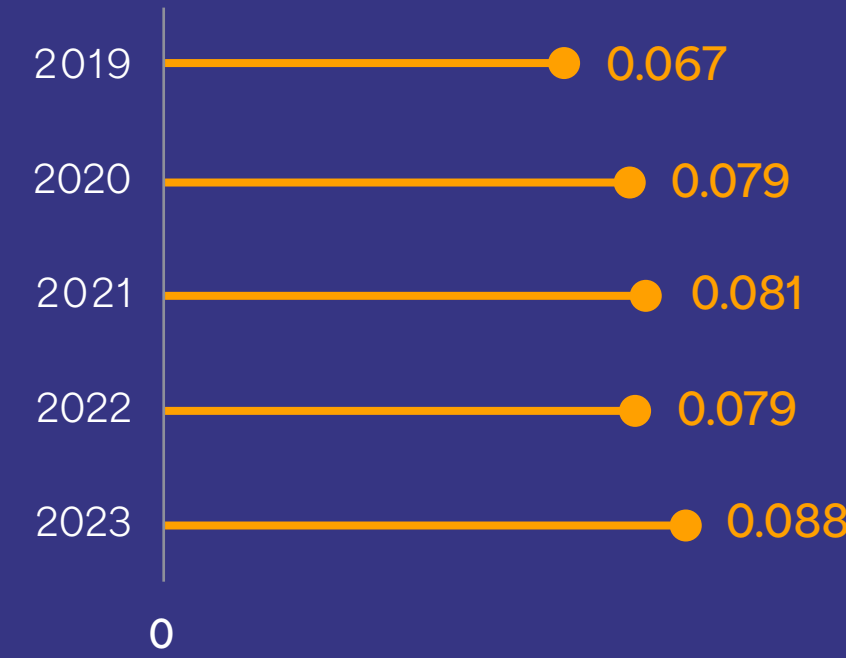


Energy intensity (MWhe / t ore processed)

Peñoles Mines

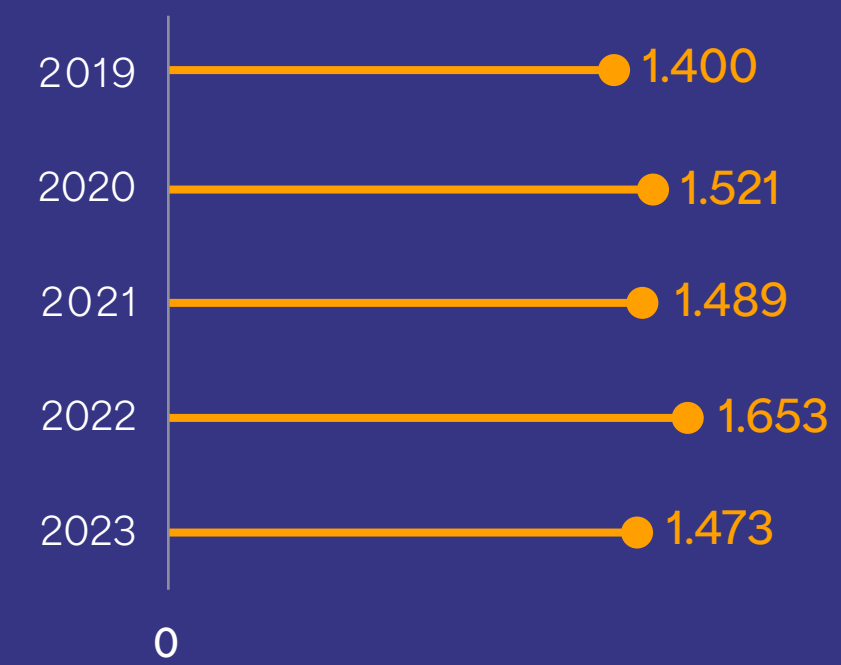


Fresnillo plc Mines

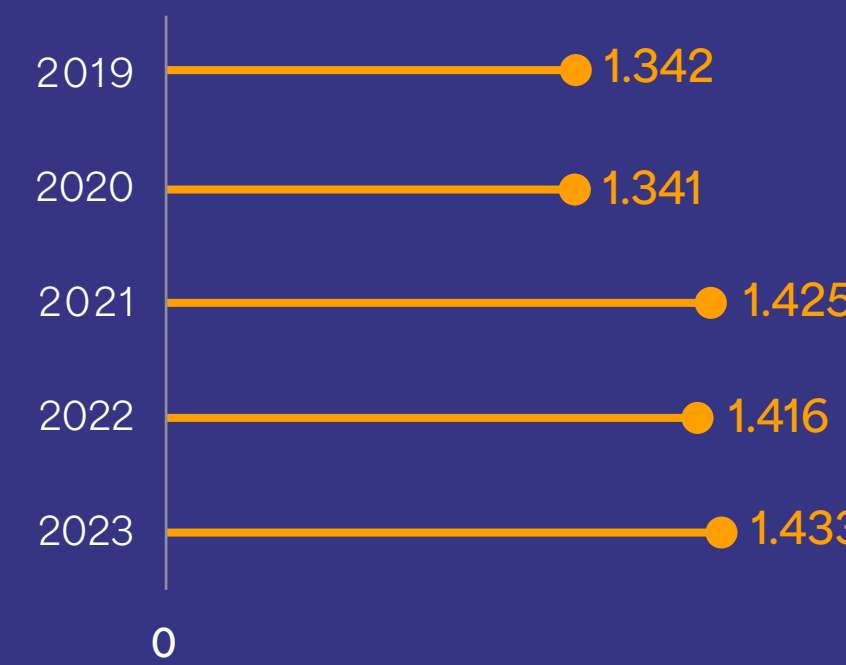


Energy intensity (MWhe / t production)

Metals



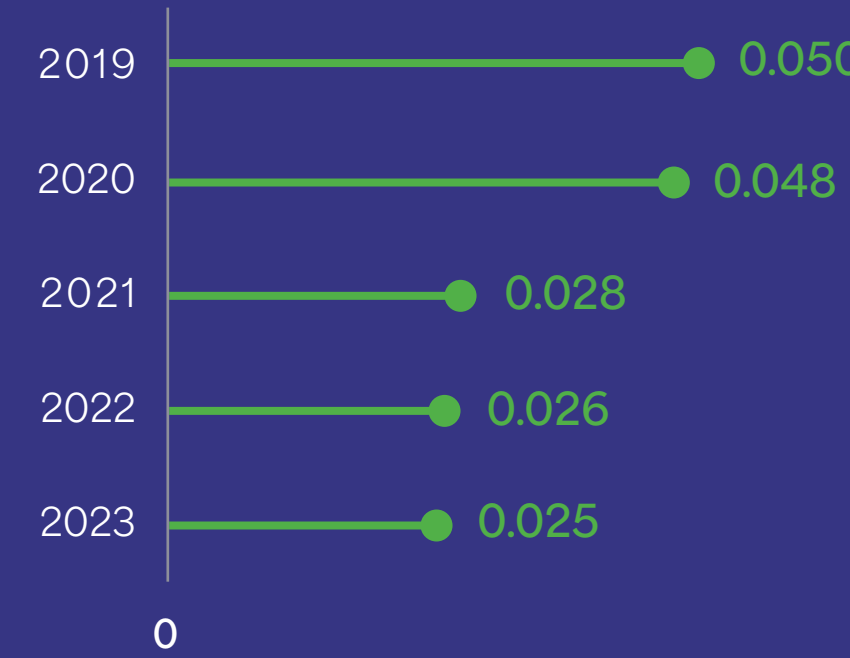
Chemicals



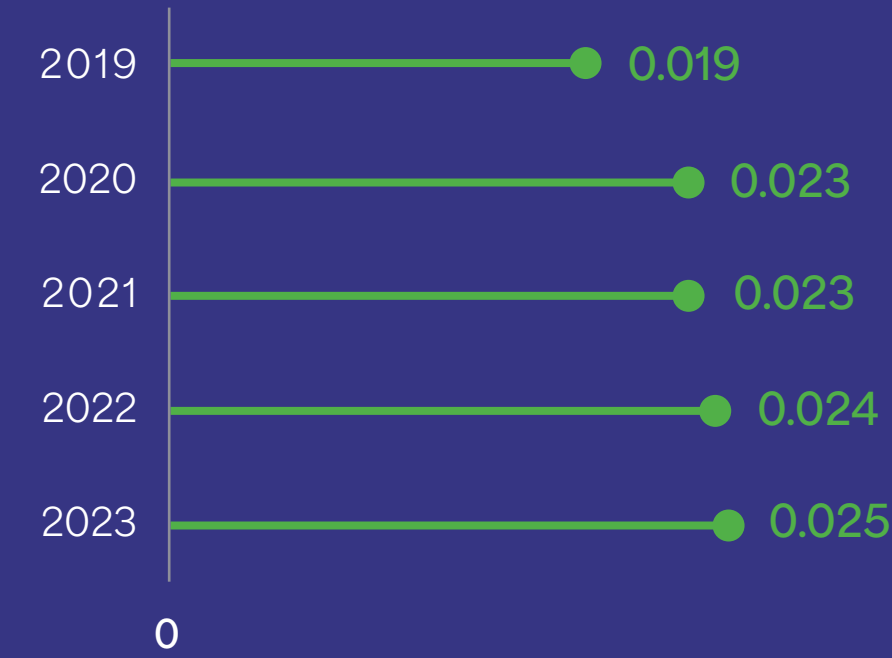
Production Metals and Chemicals includes products and by-products

GHG intensity (tCO₂e / t ore processed)

Peñoles Mines



Fresnillo plc Mines

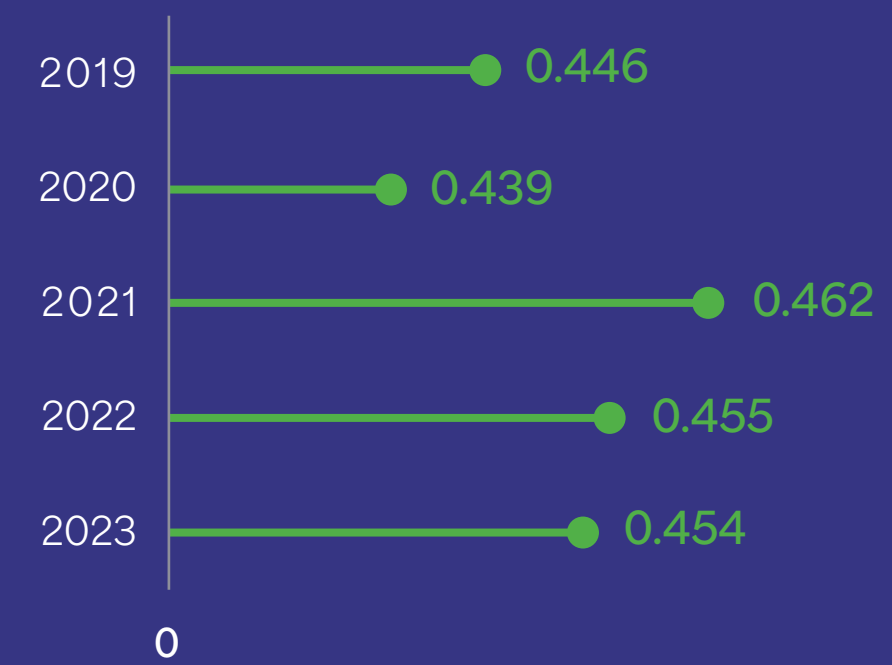


GHG intensity (tCO₂e / t production)

Metals



Chemicals



Production Metals and Chemicals includes products and by-products