



Alternative Performance Measures:	Aggregates		(thousa	nds of euros)
Earnings before interest, taxes, depreci	ation and amortisation (EBITDA)			
Definition	Purpose	Calculation	31.12.2022	31.12.2021
Operating from operating activities + Depreciation and amortization of fixed assets - Allocation	Alternative performance measure used as an approximation of the financial resources that could be obtained from operating assets before taxes and depre-	Results from operating activities (EBIT)	961,554	991,970
		Amortisation and depreciation	544,992	522,114
of non-financial fixed asset subsidies and other +/- Impairment and gain or loss on disposal of		Non-financial and other capital grants	(15,780)	(14,717)
fixed assets.	ciation.	Impairment and gains/(losses) on disposal of fixed assets	488	(730)
			1,491,254	1,498,637
Net profit				
Definition	Purpose	Calculation	31.12.2022	31.12.2021
Corresponds to "Consolidated profit / (loss) Attributable to the Parent Company" in the Consolidated Income Statement.	Indicate consolidated income for the period, excluding income attributable to non-controlling interest.	Consolidated profit/(loss) attributable to the Parent.	664,731	680,627
			664,731	680,627
Funds From Operations (FFO)				
Definition	Purpose	Calculation	31.12.2022	31.12.2021
Cash Flows from Operating Activities - Changes in working capital.	Indicator of the company's cash generation. Measures the cash generation of the business as a whole without taking into account changes in working capital.	Cash flows from operating activities.	1,566,829	1,605,176
		Changes in working capital.	574,568	426,768
	J J ,		992,261	1,178,408
Changes in other assets and liabilities				
Definition	Purpose	Calculation	31.12.2022	31.12.2021
Variations in the period of other Statement of Fi-	Measures the effect on the cash generated in the period from the variation period from the variation of these items.	Other cash flows from investing activities	45,130	32,766
nancial Position items mostly included in Non- Current Assets and Liabilities such as deferred tax assets and liabilities or Other non-current as-		Proceeds from equity instruments	989,218	6,075
		Effect of changes exchange rates	3,080	2,794
sets and liabilities.		Other cash flows from financing activities	(11,806)	(32,058)
		Proceeds from divestitures (excluding Temporary Financial Investments) ¹	2,293	11,031
		• • • • • • • • • • • • • • • • • • • •	1,027,915	20,608

^{1.} As of December 31, 2022, investments in the short-term, Temporary Financial investments (TFI) amounted to €715 million and have been considered within "net financial debt". Investments and divestments made in TFI are included in the consolidated cash flow statement as "payments for investments" (amounting to 1.4 billion euros) and "proceeds from divestments" (amounting to 685 million euros). These amounts have not been considered in the calculation of the APMs for "changes in other assets and liabilities" and "changes in fixed asset suppliers".



Changes in payables to non-current				
asset suppliers				
Definition	Purpose	Calculation	31.12.2022	31.12.2021
Variations in the period of the item in the State-	Measures the variation between investment	Investment payments ¹	(973,748)	(581,435)
ment of Financial Position included in the Liabilities as Suppliers of fixed assets. It is calculated as Payments for investments – Investments.	payments and investment additions.	Investments	1,032,269	575,807
			58,521	(5,628)
Gross Financial Debt				
Definition	Purpose	Calculation	31.12.2022	31.12.2021
Principal debt at amortized cost of debt with	Gross Financial Debt is a measure used to	Non-current loans and borrowings, bonds and other marketable securities	5,491,124	5,896,170
credit institutions and debentures or other mar-	analyse the Group's level of gross indebtedness. It includes the financial liabilities with cost incurred by the Group.	Current loans and borrowings, bonds and other marketable securities	721,845	1,391,722
ketable securities minus exchange rate deriva-		Foreign currency derivatives	(28,459)	(14,800)
tives and minus accrued interest not paid.		Accrued interest payable	(40,838)	(50,786)
			6,143,672	7,222,306
Gross Average Financial Debt				
Definition	Purpose	Calculation	31.12.2022	31.12.2021
Corresponds to the arithmetic mean of the Gross Financial Debt balances of all the days that make up the fiscal year. This measure may also be referred to as "Average Gross Debt" or "Average Debt".	Indicates the Group's average indebtedness for the year, related to Financial expenses indicates the average cost of the financial debt.	Gross Average Financial Debt	6,381,869	6,843,476
			6,381,869	6,843,476
Net Financial Debt				
Definition	Purpose	Calculation	31.12.2022	31.12.2021
Gross Financial Debt - Cash and cash equivalents- Term deposits	Net Financial Debt is a measure used to analyse the Group's level of net indebtedness. It eliminates cash and cash equivalents from the Gross Financial Debt, as well as Term deposits, to try to determine what part of it finances the development of its activities.	Gross Financial Debt	6,143,672	7,222,306
		Cash and cash equivalents	(794,824)	(1,574,427)
		Term deposits ¹	(715,000)	_
			4,633,847	5,647,879



Net Financial cost of the period				
Definition	Purpose	Calculation	31.12.2022	31.12.202
Financial expense - Financial income for the period.	Measures the cost of external financial resources.	Financial expense	(116,468)	(115,453
		Financial income	23,161	10,488
			(93,307)	(104,965
Average cost of debt (%)				
Definition	Purpose	Calculation	31.12.2022	31.12.2021
Interest Expense on Financial Debt / Average	Measure of the effective rate of the financial	Interest expense on financial debt (12 months)	102,565	104,359
Gross Financial Debt.	debt.	Average Gross Financial Debt	6,381,869	6,843,476
			1.61%	1.52%
Average term to maturity of drawdown	debt (years)			
Definition	Purpose	Calculation	31.12.2022	31.12.2021
Arithmetic average of the maturities of financial debt weighted by the amounts corresponding to their principal amounts.	Measure to illustrate how long the existing debt matures as of the date of the Financial Statements.	Average term to maturity of drawdown debt	5.2	5.6
			5.2	5.6
Availability of credit lines				
Definition	Purpose	Calculation	31.12.2022	31.12.2021
Undrawn credit lines.	Indicates the available credit of the credit lines contracted by the Group.	Total available credit lines	1,795,319	1,853,060
			1,795,319	1,853,060
Cash surplus				
Definition	Purpose	Calculation	31.12.2022	31.12.2021
Cash and cash equivalents.	Indicates cash and cash equivalents.	Cash and cash equivalents	794,824	1,574,427
		Short-term investments in the money market ¹	715,000	
			1,509,824	1,574,427



Investments				
Definition	Purpose	Calculation	31.12.2022	31.12.2021
Additions to property, plant and equipment - Additions to rights of use (IFRS16) + Additions to intangible assets + Additions to assets resulting from business combinations or equity method + Additions to equity instruments and other financial assets.		Additions to property, plant and equipment	566,661	537,586
		Additions to rights of use (IFRS16)	(10,193)	(18,920)
		Additions to intangible assets	46,662	36,576
		Additions to assets resulting from business combinations or equity method ²	329,070	10,830
		Additions to equity instruments and other financial assets	100,069	9,735
			1.032.269	575.807

Alternative Performance Measure	5. NULLUS			
Debt coverage ratios (times)				
Definition	Purpose	Calculation	31.12.2022	31.12.202
Net Financial Debt / EBITDA (last 12 months)		Net Financial Debt	4,633,847	5,647,87
	This debt coverage ratio relates Net Financial Debt to EBITDA and makes it possible to evaluate the company's capacity to repay external financing in number of years (number of times). It allows the company's evolution to be analysed and facilitates comparison with other companies.	EBITDA (last 12 months)	1,491,254	1,498,63
			3.1	3.8
Interest coverage ratio (times)				
Definition	Purpose	Calculation	31.12.2022	31.12.2021
EBITDA / Financial profit/(loss)	The ratio relates interest expense to EBITDA to assess the company's EBITDA to assess the company's ability to ability to meet the cost of debt in number of years (number of times). It allows the company's evolution and facilitates comparison with other companies.	EBITDA	1,491,254	1,498,637
		Net financial cost for the period	(93,307)	(104,965
			(16,0)	(14,3
EBITDA margin (%)				
Definition	Purpose	Calculation	31.12.2022	31.12.2021
EBITDA / Revenue	A measure of the company's degree of efficiency by calculating the EBITDA as a percentage of net sales. It allows to analyse the evolution of the company's efficiency and facilitates the comparison with other companies.	EBITDA	1,491,254	1,498,637
		Revenue	2,015,036	1,952,958
			74.0%	76.7%

^{2.} Additions of assets by business combination or equity method include the investment made, as well as the Net Financial Debt assumed by the Group.





Leverage (%)				
Definition	Purpose	Calculation	31.12.2022	31.12.2021
Net financial debt / (Net financial debt +Equity)	This ratio measures the proportion of Financial	Net Financial Debt	4,633,847	5,647,879
, , , , , , , , , , , , , , , , , , , ,	Debt over total cost resources used by the company. It allows the analysis of the company's evolution and facilitates comparison with other companies.	Equity	4,894,276	3,685,131
	·		48.6%	60.5%
Return on equity (ROE) (%)				
Definition	Purpose	Calculation	31.12.2022	31.12.2021
Consolidated Profit for the year attributable to the Parent Company (12 months) / ((Equity attributable to the Parent Company (n) + Net Equity attributable to the Parent Company (n-1))/2)		Consolidated Profit for the year attributable to the Parent Company (12 months)	664,731	680,627
		Equity attributable to the Parent Company (n) + Net Equity attributable to the Parent Company (n-1))/2	4,210,309	3,588,542
			15.8%	19.0%
FFO / Net Financial Debt (%)				
Definition	Purpose	Calculation	31.12.2022	31.12.2021
Funds from Operations (FFO) (12 months) / Net Financial Debt	Debt to FFO and makes it possible to evaluate	Funds from Operations (FFO) last 12 months	992,261	1,178,408
		Net Financial Debt	4,633,847	5,647,879
			21.4%	20.9%

The APMs are used to provide greater clarity regarding financial performance of , and compare this performance with previous periods and with that of Redeia. These measures must be considered by the reader as supplementary with regard to those presented in accordance with EU-IFRSs, although they are not considered a substitute. Also, the way in which Redeia defines and calculates these APMs may differ from other entities that use similar measures and, therefore, may not be comparable among them.

