### **BEFESA**

# First Quarter 2023

**Earnings Presentation** 

## Disclaimer

This presentation contains forward-looking statements and information relating to Befesa and its affiliates that are based on the beliefs of its management, including assumptions, opinions and views of Befesa and its affiliates as well as information cited from third party sources. Such statements reflect the current views of Befesa and its affiliates or of such third parties with respect to future events and are subject to risks, uncertainties and assumptions.

Many factors could cause the actual results, performance or achievements of Befesa and its affiliates to be materially different from any future results, performance or achievements that may be expressed or implied by such forward-looking statements, including, among others: changes in general economic, political, governmental and business conditions globally and in the countries in which Befesa and its affiliates do business; changes in interest rates; changes in inflation rates; changes in prices; changes to national and international laws and policies that support industrial waste recycling; legal challenges to regulations, subsidies and incentives that support industrial waste recycling; extensive governmental regulation in a number of different jurisdictions, including stringent environmental regulation; management of exposure to credit, interest rate, exchange rate and commodity price risks; acquisitions or investments in joint ventures with third parties; inability to obtain new sites and expand existing ones; failure to maintain safe work environments; effects of catastrophes, natural disasters, adverse weather conditions, unexpected geological or other physical conditions, or criminal or terrorist acts at one or more of our plants; insufficient insurance coverage and increases in insurance cost; loss of senior management and key personnel; unauthorised use of Befesa's intellectual property and claims of infringement by Befesa of others' intellectual property; Befesa's ability to generate cash to service its indebtedness changes in business strategy and various other factors. Should one or more of these risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary materially from those described herein as anticipated, believed, estimated, expected or targeted.

Befesa and its affiliates do not assume any guarantee that the assumptions underlying forward-looking statements are free of errors nor do they accept any responsibility for the future accuracy of the opinions expressed herein or the actual occurrence of the forecasted developments. No representation (express or implied) is made as to, and no reliance should be placed on, any information, including projections, estimates, targets and opinions, contained herein, and no liability whatsoever is accepted as to any errors, omissions or misstatements contained herein or otherwise resulting, directly or indirectly, from the use of this document.

This presentation is intended for information only and should not be treated as investment advice. It is not intended as an offer for sale, or as a solicitation of an offer to purchase or subscribe to, any securities in any jurisdiction. Neither this presentation nor anything contained therein shall form the basis of, or be relied upon in connection with, any commitment or contract whatsoever. This presentation may not, at any time, be reproduced, distributed or published (in whole or in part) without prior written consent of Befesa.

First quarter 2023 figures are unaudited.

This presentation includes Alternative Performance Measures (APM), including EBITDA, EBITDA margin, EBIT, EBIT margin, net debt and capital expenditures which are not measures of liquidity or financial performance under International Financial Reporting Standards (IFRS). EBITDA is defined as operating profit for the period (i.e. EBIT) before the impact of amortisation, depreciation, impairment and provisions. EBITDA margin is defined as EBITDA divided by revenue. EBIT is defined as Operating profit for the year. The Company uses EBIT to monitor its financial return after both operating expenses and a charge representing the cost of usage of both its property, plant and equipment and definite-life intangible assets. EBIT margin is defined as EBIT as a percentage of revenue. These non-IFRS measures should not be considered in isolation or as an alternative to results from operating activities, cash flow from operating, investing or financing activities, or other financial measures of Befesa's results of operations or liquidity derived in accordance with IFRS. Befesa believes that the APM included in this report are useful measures of its performance and liquidity. Other companies, including those in the industry in which Befesa operates, may calculate similarly titled financial measures differently than Befesa does. Because all companies do not calculate these financial measures in the same manner, Befesa's presentation of such financial measures may not be comparable to other similarly titled measures of other companies. These APM are not audited.

# Today's presenters



**Javier Molina Executive Chair** 

**Leading Befesa** for >20 years



Asier Zarraonandia CEO

>20 years with Befesa



**Wolf Lehmann CFO** 

Befesa's CFO since 2014



O1 / Highlights

# Executive summary



- Revenue increased by 23% to €322m (Q1'22: €261m) driven by the US operations
- Adj. EBITDA at €50.1m, approx. stable qoq (Q4'22: €50.7m); -18% yoy (Q1'22: €61.1m); lower zinc LME prices, unfavourable 19% higher TC and continued coke inflation
- Operating cash flow at €13m (Q1'22: €26m), approx. stable yoy normalised for final Hanover fire insurance proceeds, expected Q2; Cash at €143m provides >€200m liquidity



**2023** guidance of €200m to €230m EBITDA, -7% to +7% yoy (2022: €215m); Proposing stable dividend of €1.25 per share for 2023 (2022: €1.25)



Integrating & ramping up zinc refining operations acquired on 30 September; **Continuing efficiency** projects to improve earnings going forward, refurbishing Palmerton



Henan plant: Ramping up; Two plants operating in 2023; Working on the **third province**, Guangdong



Reporting on ESG in June 2023

# Q1 business highlights

### Steel Dust

- EAFD throughput:

   19% yoy to 274 kt, -8% qoq, mainly due to
   Turkey operations impacted by earthquake (restarted in March), and the US
- Plant utilisation: 71%
- Zinc LME prices: -13% yoy, -1% goq
- Adj. EBITDA: €37m, -32% yoy, stable qoq

### US

- Integrating & ramping up zinc refining asset acquired on 30 September
- Executing efficiency projects, preparing Palmerton plant refurbishment

# Alu Salt Slags

- Salt slags & SPL volumes:
   -6% yoy to 82 kt, stable qoq
- 2<sup>nd</sup> aluminium alloys:
   +3% yoy to 44 kt, +13% qoq
- Plant utilisation:
   71% (>90% normalised for Hanover, ramping up)
- Alu FMB prices: -12% yoy, -0.5% qoq
- Adj. EBITDA: +82% to €14m, +17% gog

### China

- · Henan: Ramping up operations
- Operating Jiangsu & Henan plants in 2023
- · Working on Guangdong as third province



02/ Financial results

# Consolidated key financials

Q1 adjusted EBITDA at €50.1m, approx. stable qoq with Q4'22 at €50.7m; -18% yoy, mainly due to lower zinc prices incl. unfavourable TC partially offset with stronger aluminium margins, and lower volumes incl. Turkey earthquake

Adjusted EBITDA bridge Q1 2022 to Q1 2023 (€m)



Key metrics (€m, unless otherwise stated)

	Q1 2022	yoy change	Q1 2023
Revenue	€261.4	+€60.6 / +23.2%	€322.0
Adjusted EBITDA <sup>1)</sup>	€61.1	-€11.0 / -18.0%	€50.1
Adjusted EBITDA margin %	23.4%	-781 bps	15.6%
Net profit	€27.0	-€11.8 / -43.8%	€15.2
EPS (€)	€0.67	-€0.30 / -43.8%	€0.38
Operating cash flow	€25.7	-€12.7 / -49.6%	€13.0
Cash	€237.1	-€94.1 / -39.7%	€143.0
Net debt	€473.5	+€98.2 / +20.7%	€571.6
Net leverage <sup>2)</sup>	x2.26	+x0.55	x2.81

<sup>1)</sup> Q1 2023: 629.1m reported Total EBIT + €20.2m D&A = €49.3m reported Total EBITDA + €0.8m adjustments, mainly driven by US acquisition impacts = €50.1m adjusted Total EBITDA Q1 2022: €42.9m reported Total EBIT + €17.0m D&A = €59.9m reported Total EBITDA + €1.1m adjustments, mainly driven by US acquisition impacts = €61.1m adjusted Total EBITDA 2) Net leverage calculated as Net debt over Adjusted EBITDA.

BEFES

# Steel Dust Recycling Services

Q1 EBITDA at €37.0m, approx. stable qoq with Q4'22 at €37.6m; -32% yoy, mainly due to lower zinc prices incl. unfavourable TC at \$274/t (+19% yoy), continued record high coke prices (+6% qoq, +41% yoy) and lower EAFD volumes

EBITDA bridge Q1 2022 to Q1 2023 (€m)



Key metrics (€m, unless otherwise stated)

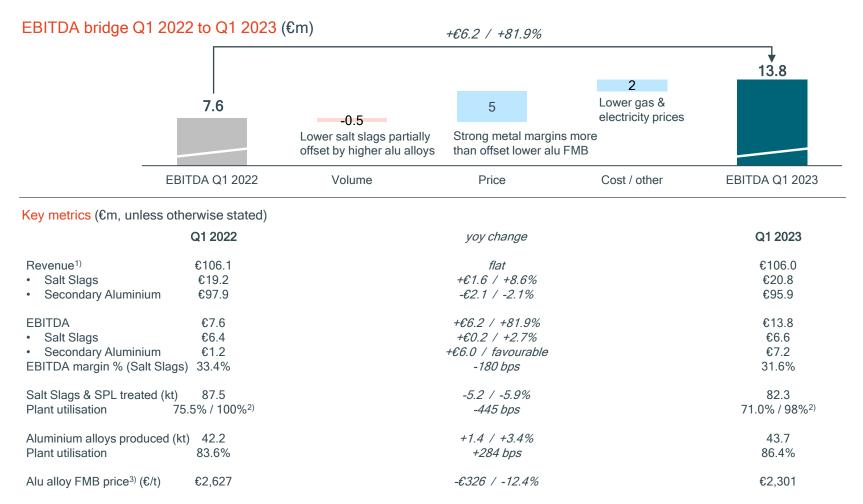
	Q1 2022	yoy change	Q1 2023
Revenue	€155.9	+€60.3 / +38.7%	€216.3
EBITDA	€54.8	-€17.8 / -32.4%	€37.0
EBITDA margin %	35.1%	-1,802 bps	17.1%
EAFD throughput (kt) Plant utilisation Waelz oxide (WOX) sold (kt)	337.4	-63.5 / -18.8%	273.8
	88.0%	-1,657 bps	71.4% / 74.9% <sup>1)</sup>
	103.7	-3.9 / -3.8%	99.8
Zinc LME price (€/t) Zinc hedging price (€/t) Zinc blended price <sup>2)</sup> (€/t) Treatment charge (TC) (\$/t)	€3,337	-€421 / -12.6%	€2,916
	€2,287	+€61 / +2.7%	€2,348
	€2,533	+€99 / +3.9%	€2,633
	\$230	+\$44 / +19.1%	\$274

<sup>1)</sup> Normalised for Turkey, stopped in January and February 2023 due to impacts from earthquake

<sup>2)</sup> Blended rate between hedged prices and average spot prices, weighted by the respective hedged and non-hedged volumes, reflecting the effective price to Befesa

# Aluminium Salt Slags Recycling Services

Q1 EBITDA at €13.8m, up €2m qoq from Q4'22 at €11.8m; up €6m or 82% yoy; mainly due to strong aluminium metal margins and lower gas and electricity prices



<sup>1)</sup> Total revenue is after intersegment eliminations (Q1 2022: €11.1m; Q1 2023: €10.6m)

<sup>2)</sup> Normalising for Hanover plant shutdown

<sup>3)</sup> Aluminium scrap and foundry ingots aluminium pressure diecasting ingot DIN226/A380 European Metal Bulletin free market duty paid delivered works

# Cash flow, net debt & leverage

Cash on hand at €143m providing >€200m liquidity; Net leverage of x2.81

### Adjusted EBITDA to total cash flow (€m)



<sup>1)</sup> Includes investments required to maintain or replace assets as well as those related to productivity, compliance and IT

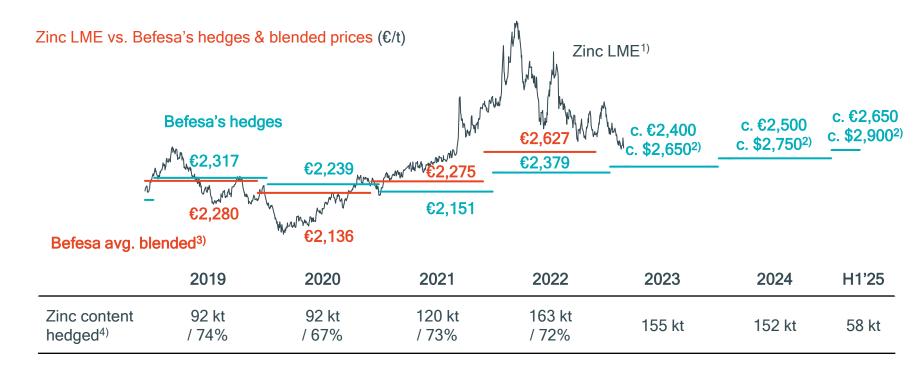
<sup>2)</sup> Mainly includes cash bank inflows/outflows from bank borrowings and other liabilities, as well as the effect of foreign exchange rate changes on cash

<sup>3)</sup> LTM figures

<sup>4)</sup> Net leverage calculated as Net debt over Adjusted EBITDA.

# Zinc prices & hedging strategy

Hedge book extended further up to July 2025, c. 2 years; Improving earnings & cash flows visibility



# **BEFESA**Hedging strategy unchanged

1-3 years forward

Targeting 60% to 75% of zinc equivalent volume

Befesa providing no collateral

<sup>1)</sup> London Metal Exchange (LME) zinc daily cash settlement prices

<sup>2)</sup> Assumes FX \$/€ of 1.10 for 2023, 2024, and 2025

<sup>3)</sup> Zinc blended prices are averages computed based on the monthly effective LME zinc and hedging prices weighted with the respective hedged and non-hedged volumes

<sup>4)</sup> As percentage of total zinc payable output

# Outlook 2023

	Lower-end: €200m -€15m / -7% yoy	Upper-end: €230m +€15m / +7% yoy			
	• Lower end: Continued c. €50m per quarter Zinc prices c. \$2,800-2,900/t rest of the year	•	ces remain high;		
EBITDA	<ul> <li>Upper-end: Coke prices reducing to H1'22 levels; China momentum accelerates;</li> <li>Zinc prices strengthen in H2</li> </ul>				
	Key EBITDA sensitivities:				
	+/- €100/t Zinc LME price +/- €100/t Aluminium FMB price	<b>Steel</b> +/-€8 to 9m -	Alu Salt Slags - +/-€1.5 to 2m		
Capex	Total capex of c. €85-95m:     c. €20m growth (US Palmerton refurbishment)     c. €65-75m regular maintenance / US operational excellence / IT / Compliance				
Dividend	<ul> <li>Proposing yoy stable dividend distribution of €50m (€1.25 per share)</li> </ul>				
Cash flow, cash position & net leverage	<ul> <li>c€40m to -€50m cash flow¹)</li> <li>c. €110-120m cash position</li> <li>Net leverage at around x2.9</li> </ul>	<ul> <li>c€15m to -€25m cash flow<sup>1)</sup></li> <li>c. €135-145m cash position</li> <li>Net leverage at around x2.5</li> </ul>			

<sup>1)</sup> Total cash flow after capex and dividend payout



03/Growth

# SGGP indicative timeline; Befesa in control; Adjusting timing to macroeconomic developments

€410-450m total capex requirement over the next five years

Steel DustAlu Salt Slags

	SGGP growth projects	2022	Timing	2027e	Capex €m	EBITDA run-rate €m	Pay- back <sup>1)</sup>	IRR <sup>2)</sup>
<b>✓ ♣0</b>	Zinc refining				€110-120	€35-45	3-4	>30%
<b>2</b>	Cap. utilisation	I Re	efurbishing / efficiencies		€110-120	€33-43	3-4	/30 %
3	EAFD plant		Construc + ramp-		€105-115	€30-35	3-4	>30%
<b>4</b>	WOX washing		Constru	uction	<del>0</del> 103-113	030-33	J <del>-4</del>	<b>-30</b> /0
<b>6</b> 5	China III ✓ LOI & investr agreement si	ment igned	Construction + ramp-up					
<b>6</b> 5	China IV		Construction + ramp-up		€115-125	€30-35	4-5	>20%
<b>6</b> 5	China V		Construc + ramp-					
<b>6</b>	2 <sup>nd</sup> Alu expansion	Perr	mits + construction + ramp-up		€80-90	€15-20	5	>15%
07	Salt Slags plant	Pern	nits + construction + ra	mp-up	<del>6</del> 00-30	€10-20		- 10 /0

€410-450 €110-135 3-4 >20%

Note: €360-400m post c. €50m invested in US zinc refining acquisition



<sup>1)</sup> Payback calculated dividing total capex by run-rate EBITDA

<sup>2)</sup> IRR estimated based on incremental EBITDA less WC & taxes to Operating cash flow contribution vs. growth & maintenance capex, discounted at an 8% WACC

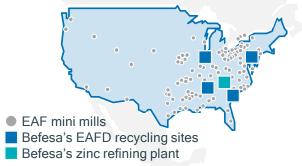
<sup>15 /</sup> Q1 2023 Earnings Presentation



# ✓ US Zinc refining asset acquired on 30 Sep 2022; Integration progressing, ramping up operations

### Rutherford County, NC





Special High Grade (SHG) zinc production capacity

Zinc refining plant centrally located amongst Befesa's EAFD recycling plants close to the major US EAF steel mini mills

- Acquired remaining 93% of zinc refining asset on 30 September 2022 for \$47m cash transaction; 65% or \$88m below original purchase option of \$135m
- Attractive multiple of around 5x Adj. EBITDA and at about 1/10th of >\$500m invested
- **Long-term view** around asset potential **unchanged**; Opportunity to improve performance of the plant further, especially post current high inflation environment
- Size of refining plant sufficient to process zinc Waelz oxide (WOX) of up to 220 kt of all 4 recycling assets at full capacity to pure zinc
- Largest producer of "green zinc" (SHG) 100% from recycled materials (WOX) using solvent extraction

# Refurbishing Palmerton in 2023/24 to drive efficiencies & increase capacity utilisation by 2026

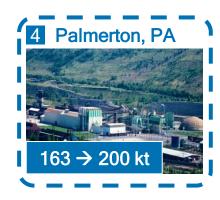
### **EAFD** recycling sites











### EAFD annual nameplate recycling capacity

### Palmerton refurbishment status update

- > Engineering / design across 6 working areas (packages) in process
- > Request For Quote with suppliers started; Completion scheduled for Q2 2023
- Scheduling downtimes across production lines ensuring continuation of customer service





# Operating 2 plants in 2023; Preparing 3<sup>rd</sup> province, Guangdong



### China II, Xuchang (Henan)

- √ Commissioning completed Dec 2022
- ✓ Inaugurated on 23 February 2023
- > Ramping up operations





China I, Changzhou (Jiangsu)



### China III, Yunfu (Guangdong)

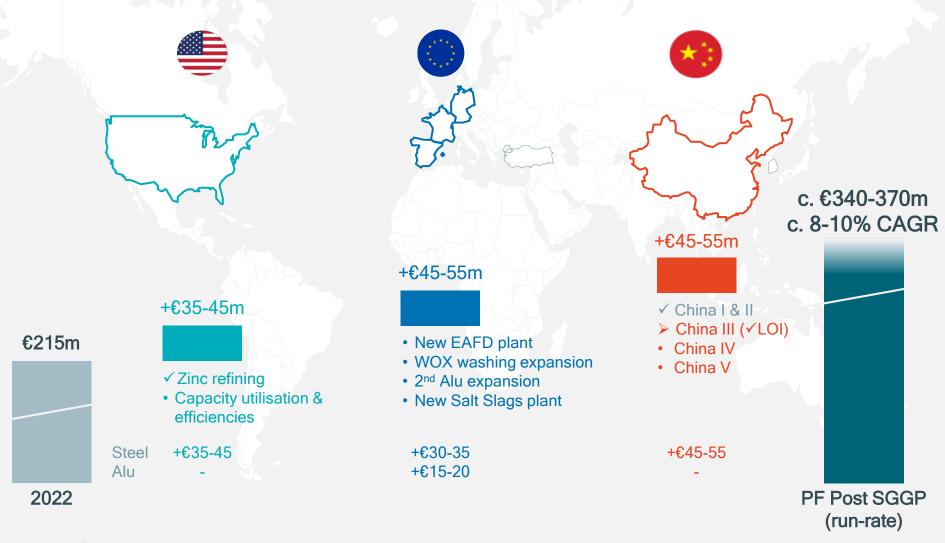
- LOI signed in Q4 2022
- √ Signed investment agreement with local authorities on 22 February
- Land lot assigned; Preparation works in progress (levelling lot)
- > Preparing basic engineering
- > Starting negotiations with local steelmakers



EAFD generation - Chinese market

< 60 kt 100-200 kt 60-100 kt 200-400 kt

# Well defined growth roadmap driving +€125-155m EBITDA growth, 8-10% CAGR, globally balanced, c. 1/3 US/EU/Asia





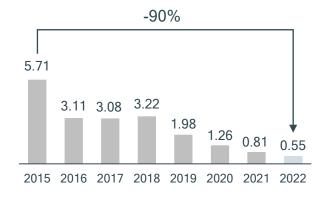
/ ESG

# ESG highlights

Key player within the circular economy, with c. 1.8 Mt recycled and c. 1.5 Mt of valuable materials; LTIR further reduced by >30% yoy to new low of 0.55

### Lost Time Injury Rate (LTIR)<sup>1)</sup>

- Reduced by -32% yoy
- Reduced by -90% vs. 2015 baseline



### ESG Ratings<sup>2)</sup>



31 March 2023	31 December 2022
B / Prime	Top 3 of 69
#181 / 430	#181 / 430
#7 / 103	#7 / 103
BBB	BBB
Top 5%	Top 5%
Top 15%	Top 15%

### ESG Update 2022

Will be published in June 2023

### **EU Taxonomy**

Detailed regulation for 'Transition to a circular economy' pending

### CO<sub>2</sub> intensity

Defined & executing 20% reduction plan by 2030

<sup>1)</sup> Befesa's own employees and contractors

<sup>2)</sup> Industry groups under which Befesa is ranked by the respective ESG rating companies: ISS ESG, Metals processing & production; Sustainalytics, Commercial services; V.E., Business services; MSCI, Commercial services & supplies; arabesque s-ray, Industrial services; S&P Global, n.d.



05/ Investor agenda & appendix

# Investor's agenda

### Financial calendar 2023

### Next investor conferences

H<sub>2</sub> 2023 Q2 2023

**Annual General Meeting** Thursday, 15 June 2023

H1 2023 Interim Report & Conf. Call Thursday, 27 July 2023

Q3 2023 Statement & Conf. Call Thursday, 26 October 2023

Paris - SMID Mega Trend Days 10 May - Kepler Cheuvreux

Barcelona - BofA Securities 2023 Global Metals, Mining & Steel 18 May - Bank of America

NYC - Berenberg Conf. USA 2023 23 May - Berenberg

4th ESG Conference (virtual) 1 June - Kepler Cheuvreux

Boston - Stifel Cross Sector Insight 2023 6-7 June - Stifel

Virtual Metals & Mining Cannonball Run 2023

14 June - Morgan Stanley

Chief Sustainability Officer (CSO) Conf (virtual)

20 June - Berenberg

London - ODDO BHF London Conference 22 June - ODDO BHF

BofA SmartMine 4.0 Conference (virtual) 28 June - Bank of America

Frankfurt - Commerzbank & ODDO BHF **Corporate Conference** 

5 & 6 September - Commerzbank & ODDO

London - Stifel 2023 London Industrials & Renewables Summit 6 September - Stifel

Hong Kong - Jefferies Asia Forum 6-8 September - Jefferies

Munich - 12th Baader Investment Conference 18-22 September - Baader

Munich - 12th German Corporate Conference 20 Sep - Berenberg & Goldman Sachs

Paris - 6th MidCap CEO Conference 13-15 November - BNP Paribas Exane

Frankfurt - Deutsches Eigenkapitalforum 27-29 November - Deutsche Börse

### Contact details

Rafael Pérez

Director of Investor Relations & Strategy Phone: +49 (0) 2102 1001 0 email: irbefesa@befesa.com

# Q1 2023/22 – Key financials

(€m, unless otherwise stated)

,	,				
	Steel Dust	Salt Slags	Secondary Aluminium	Corporate & eliminations	Total Befesa
Revenue <sup>1)</sup> yoy change	<b>€216.3</b> +€60.3 / +38.7%	<b>€20.8</b> +€1.6 / +8.6%	€95.9 -€2.1 / -2.1%	<b>-€11.0</b> +€0.7 / -	<b>€322.0</b> +€60.6 / +23.2%
Reported EBITDA yoy change	<b>€37.0</b> -€17.8 / -32.4%	<b>€6.6</b> + <i>€0.2</i> / + <i>2.7%</i>	<b>€7.2</b> +€6.0 / favourable	<b>-€1.5</b> +€0.9 / -	<b>€49.3</b> -€10.7 / -17.8%
Reported EBITDA margin % yoy change	<b>17.1%</b> -1,907 bps	31.6% +185 bps	<b>7.5%</b> -22 bps	-	<b>15.3%</b> -1,005 bps
Adjusted EBITDA <sup>2)</sup> yoy change	<b>€37.0</b> -€17.8 / -32.4%	<b>€6.6</b> + <i>€0.2</i> / + <i>2.7%</i>	<b>€7.2</b> +€6.0 / favorable	<b>-€0.7</b> +€0.6 / -	<b>€50.1</b> -€11.0 / -18.0%
Adjusted EBITDA margin % yoy change	<b>17.1%</b> -1,907 bps	31.6% +185 bps	<b>7.5%</b> -22 bps	-	<b>15.6%</b> -980 bps

<sup>1)</sup> Total revenue in Aluminium Salt Slags Recycling Services amounted to €106.0m (Q1 2022: €106.1m) after intersegment eliminations of €10.6m (Q1 2022: €11.1m) 2) €29.1m reported Total EBIT + €20.2m D&A = €49.3m reported Total EBITDA + €0.8m adjustments, mainly driven by US acquisition impacts = €50.1m adjusted Total EBITDA

# Multi-year trend – Key financials<sup>1)</sup>

### (€m, unless otherwise stated)

	2017	2018	2019	2020	2021	2022
Revenue	€667.4 <sup>2)</sup>	€720.1	€647.9	€604.3	€821.6	€1,136.0
Reported EBITDA	€153.0	€176.0	€159.6	€123.5	€189.6	€234.9
Reported EBITDA margin %	22.9% <sup>2)</sup>	24.4%	24.6%	20.4%	23.1%	20.7%
Adjusted EBITDA	€172.4 <sup>3)</sup>	€176.0	€159.6	€127.0 <sup>3)</sup>	€197.6 <sup>3)</sup>	€214.6 <sup>3)</sup>
Adjusted EBITDA margin %	25.8% <sup>2)</sup>	24.4%	24.6%	21.0%	24.0%	18.9%
Net profit <sup>4)</sup>	€49.3	€90.2	€82.7	€47.6	€99.7	€106.2
EPS <sup>5)</sup> (€)	€1.02 <sup>5)</sup>	€2.65	€2.43	€1.40	€2.68 <sup>5)</sup>	€2.66 <sup>5)</sup>
Operating cash flow <sup>6)</sup>	€91.5	€103.8	€102.5	€92.5	€117.9	€137.3
Cash position end of period	€117.6	€150.6	€125.5	€154.6	€224.1	€161.8
Net debt	€406.4	€376.8	€416.9	€393.6	€470.6	€549.0
Net leverage	x2.36	x2.14	x2.61	x3.10	x2.38	x2.56

<sup>1) 2017, 2018, 2019, 2020</sup> and 2021 are full year actual reported figures audited by external auditors

<sup>2) 2017</sup> reported revenue amounted to €724.8m; Revenue of €667.4m is comparable after amendment IFRS 15 impacting non-operating revenue

<sup>3) 2017</sup> EBITDA adjusted due to one-off non-recurrent items primarily related to the IPO; 2020 EBITDA adjusted for €3.5m for the UK Salt Slags plant closure;

<sup>2021</sup> EBITDA adjusted for €14.0.m one-time AZR acquisition costs, and -€6.0m Hanover Salt Slags plant fire impact; 2022 EBITDA adjusted for -€20.3m, mainly driven by Zinc refining acquisition impacts

<sup>4)</sup> Net profit and total basic earnings/(losses) per share attributable to the ordinary equity holders of Befesa S.A.

<sup>5) 2017</sup> EPS impacted by the conversion of the preferred shares carried out in Oct 17 prior to the IPO; The weighted average number of ordinary shares used as the denominator in calculating total basic EPS in 2017 was 25,025 thousand shares vs. 34,067 thousand shares used in 2018-2020; 2021 EPS based on 37,285 weighted average thousand shares after the capital increase of 5,933 thousand new shares to partly fund the AZR acquisition; 2022 EPS based on 39,999 thousand outstanding shares

<sup>6)</sup> Operating cash flow is after WC change, taxes and interests; pre capex and pre dividend

# Q1 2023/22 – Operational data – Steel Dust Recycling Services

	Q1 2022	Q1 2023	yoy change
EAFD throughput (kt)	337.4	273.8	-63.5 / -18.8%
EAFD average capacity utilisation (%)	88.0%	71.4% / 75.1% <sup>1)</sup>	-1,657 bps
Waelz oxide (WOX) sold (kt)	103.7	99.8	-3.9 / -3.8%
Zinc LME price (€/t)	€3,337	€2,916	-€421 / -12.6%
Zinc hedging price (€/t)	€2,287	€2,348	+€61 / +2.7%
Zinc blended price <sup>2)</sup> (€/t)	€2,533	€2,633	+€99 / +3.9%

<sup>1)</sup> Normalised for Turkey, stopped in January and February 2023 due to impacts from earthquake

<sup>2)</sup> Blended rate between hedged prices and average spot prices, weighted by the respective hedged and non-hedged volumes, reflecting the effective price to Befesa

# Q1 2023/22 – Operational data – Aluminium Salt Slags Recycling Services

	Q1 2022	Q1 2023	yoy change
Salt slags & SPL treated (kt)	87.5	82.3	-5.2 / -5.9%
Salt slags & SPL avg. capacity utilisation (%)	75.5% / 104.3% <sup>1)</sup>	71.0% / 98.1% <sup>1)</sup>	-445 bps
Aluminium alloys produced (kt)	42.2	43.7	+1.4 / +3.4%
Secondary alu avg. capacity utilisation (%)	83.6%	86.4%	+284 bps
Aluminium alloy FMB price <sup>2)</sup> (€/t)	€2,627	€2,301	-€326 / -12.4%

<sup>1)</sup> Normalised for Hanover plant shutdown

<sup>2)</sup> Aluminium scrap and foundry ingots aluminium pressure diecasting ingot DIN226/A380 European Metal Bulletin free market duty paid delivered works

# Multi-year trend – Operational data

	2017	2018	2019	2020	2021	2022
EAFD throughput (kt)	661.0	717.1	665.8	687.0	885.7	1,193.8
EAFD average capacity utilisation (%)	84.7%	92.0%	80.7% / 90.1% <sup>1)</sup>	83.2%	83.3% <sup>2)</sup>	76.8%
Waelz oxide (WOX) sold (kt)	217.8	240.9	217.6	239.2	291.0	407.4
Zinc LME price (€/t)	€2,572	€2,468	€2,276	€1,979	€2,544	€3,302
Zinc hedging price (€/t)	€1,876	€2,051	€2,317	€2,239	€2,151	€2,379
Zinc blended price <sup>3)</sup> (€/t)	€2,160	€2,168	€2,280	€2,136	€2,275	€2,627
Salt Slags & SPL treated (kt)	509.9	517.0	492.6	444.6	395.0	322.1
Salt Slags & SPL avg. cap. utilisation (%)	96.2%	97.5%	92.9%	83.9% / 86.9% <sup>4)</sup>	84.0%	68.5% / 96.7% <sup>4)</sup>
Alu alloys produced (kt)	184.1	169.3	176.7	174.3	185.8	160.6
Secondary Alu avg. capacity utilisation (%)	89.8%	82.6% / 98.1% <sup>5)</sup>	86.2% / 91.1% <sup>6)</sup>	85.0%	90.6%	78.4%
Aluminium alloy FMB price <sup>7)</sup> (€/t)	€1,766	€1,715	€1,397	€1,424	€2,112	€2,438

<sup>1)</sup> Installed capacity and corresponding utilisation rates in 2019 are normalised for the capacity upgrade in Turkey, from 65 kt to 110 kt (plant was shutdown from end of January to mid-August 2019)

<sup>2)</sup> Installed capacity and corresponding utilisation rates in 2021 are proportional figures based on the actual number of days the China and the US plants (after acquisition) operated in the year

<sup>3)</sup> Blended rate between hedged prices and average spot prices, weighted by the respective hedged and non-hedged volumes, reflecting the effective price to Befesa

<sup>4)</sup> Installed capacity and corresponding utilisation rates in 2020 and following years is normalised for the UK plant closure occurred at year-end 2020; in 2022, it is normalised for the Hanover plant shutdown

<sup>5)</sup> Installed capacity and corresponding utilisation rates in 2018 are normalised for the furnace upgrades in Bilbao (plant was shutdown three months, from 2nd week of June to 3rd week of September), as well as the Barcelona - phase I (plant was shutdown two months, from 4th week of August to 4th week of October)

<sup>6)</sup> Installed capacity and corresponding utilisation rates in 2019 are normalised for the furnace upgrade in Barcelona - phase II (plant was shutdown three months, from mid-August to mid-November)

<sup>7)</sup> Aluminium scrap and foundry ingots aluminium pressure diecasting ingot DIN226/A380 European Metal Bulletin free market duty paid delivered works