# **BEFESA** to acquire **AZR EXAMPLE A** creating a global leader in EAFD recycling

June 2021

## Transaction highlights

- Today, 16 June 2021, Befesa signed the acquisition of 100% of American Zinc Recycling (AZR)'s recycling assets for a purchase price of \$450m implying an attractive c. 6x post near-term synergies EBITDA acquisition multiple, about half of Befesa's current 2021E trading multiple of c. 13x
- AZR is a US market leader<sup>1</sup>) in recycling electric arc furnace steel dust (EAFD) with c. 620kt EAFD capacity; Similar to Europe, a highly-regulated, mature market; full-service model incl. collection fees
- Through this acquisition, **Befesa becomes** a **global leader**<sup>1)</sup> in EAFD recycling with c. **1.7 million tons combined EAFD capacity**, and a **geographically diversified and balanced footprint** in Europe, Asia and the US across **12 facilities**
- Funding is scheduled through a mix of
  - accelerated equity offering (up to c. 5.9m shares as per authorized capital), and
  - pre-approved term loan B (TLB) add-on (€90m), thus ensuring leverage neutral
- **Highly accretive** transaction for Befesa shareholders with **strong expected returns** achievable within first 3 years of combination:
  - > €300m value creation;
  - Strong double-digit EPS accretion;
  - ROIC >> Befesa's WACC
- Transaction expected to close in Q3'21, subject to antitrust approval and other customary closing conditions
- As part of this transaction, Befesa signed the acquisition of a minority 6.9% stake in a US strategic zinc refining plant for a purchase price of \$10m, and secured an option for the acquisition of the remaining 93.1% stake upon fulfilment of two-phased operational and financial milestones of the zinc refining plant

1) Source: Own estimate based on recycling capacity, including Befesa's first two EAFD recycling plants in China





# Acquiring 100% of recycling assets upfront; incremental add-on option for new zinc refining plant (ramping up)

AZR is one of the largest EAFD recycler in North America<sup>1)</sup> with 4 plants with c. 620kt total capacity

EAFD recycling assets		Zinc refining new
Barnwell, SC	2 Rockwood, TN	<b>5</b> Rutherford County, NC
165kt	Image: Window Structure       I	tatikt
3 Calumet, IL	<b>4</b> Palmerton, PA	
tid2kt	Image: Window Structure       163kt	• EAF mini mills
X EAFD annual nameplate recycling capacity		AZR's EAFD recycling plants
X Special High-Grac	de Zinc (SHG) annual nameplate production capacity	are centrally located close to the major US EAF steel mini mills

1) Source: Own estimate based on recycling capacity

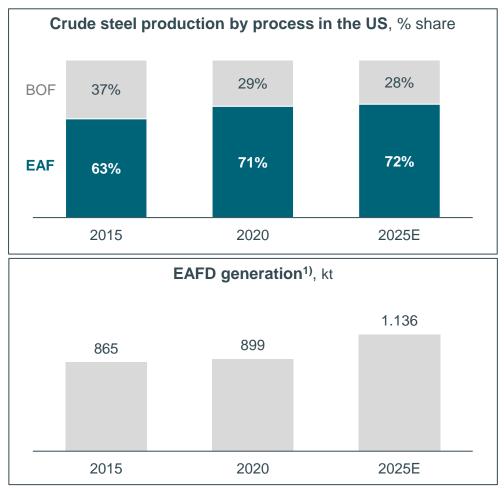




Add-on option

# Decarbonization driving further growth of EAF steel production in the US

EAF method expected to grow further to >70% share by 2025



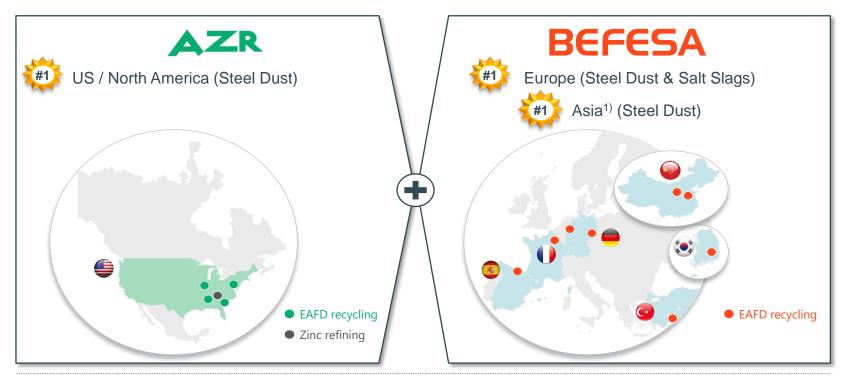
Source: worldsteel; Citi Research; International Energy Agency (IEA); Own estimates 1) Estimate assuming c. 17.5 kg of EAFD generated per tonne of crude steel output 2) "Iron and Steel Technology Roadmap" study by IEA, October 2020

- US has one of the largest and growing markets of EAF steelmakers globally
- EAF is a prevailing steelmaking method in the US and is expected to continue to grow further > 70% share driven by decarbonization trend
- Secondary steelmaking (EAF) consuming only 1/7 of CO<sub>2</sub>/ton of steel<sup>2)</sup> vs. primary steelmaking BOF (basic oxygen furnace)



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## A global leader<sup>1)</sup> in EAFD recycling



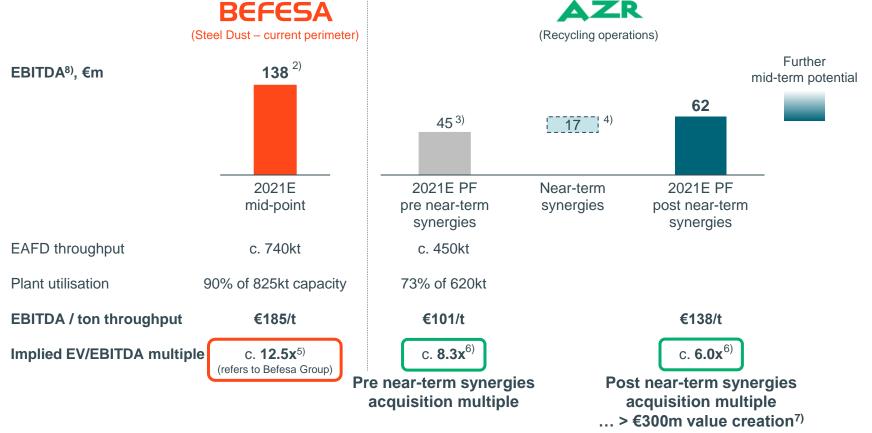
#### EAFD annual installed recycling capacity<sup>1) 2)</sup>, kt



1) Source: Own estimate based on recycling capacity; 2) Based on Company's public reports and presentations; 3) Using Waelz technology



# Attractive acquisition multiple with additional upside potential -2021E pro forma view<sup>1)</sup>



1) 2021E PF figures presented across this presentation are to illustrate the effects of the transaction as if AZR had been part of the Befesa group as of 1 January 2021 and assuming that all near-term synergies were achieved already in 2021. Thus, 2021E PF view does not represent an update of Befesa's FY'21 Guidance provided on 27 April '21

2) Befesa's Steel Dust business calculated as 78% (last-three-year average, 2018–2020) of total Befesa's EBITDA 2021E of €177.5m (mid-point of €165–190m guidance)

3) Includes €13m PF adjustment computed as difference between Befesa's vs. AZR's uncompetitive hedging prices for 2021 (Befesa: €2,150/t or \$2,580/t at FX 1.20; AZR: \$2,399/t or €1,999/t), x 83kt hedged by AZR

4) For illustrative purposes, PF assumes pre-tax near-term synergies of c. \$20m, or €17m at FX\$/€ 1.20 expected to be achieved within first three years of combination

5) Befesa's FV/EBITDA 2021E multiple of 12.5x calculated based on a share price of €58.45 (L10 day avg. as of 15 Jun'21) and €191m EBITDA (consensus average as of 15 Jun'21)

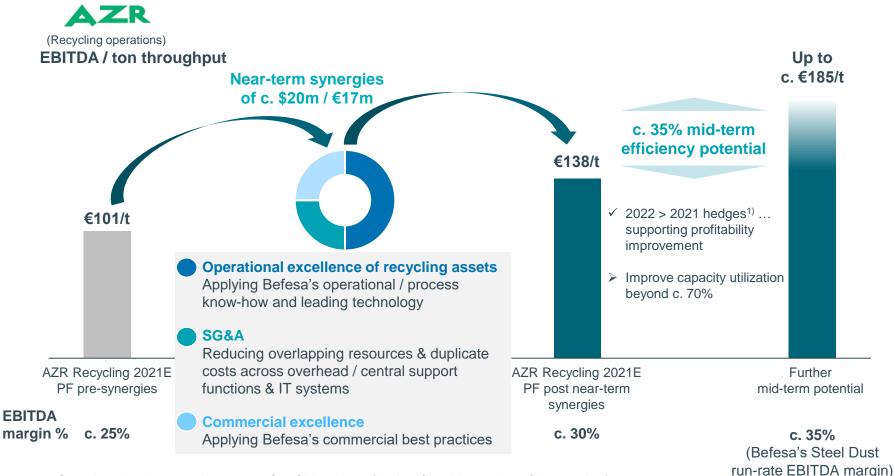
6) Based on a purchase price for AZR Recycling of \$450m, or €375m at FX\$/€ 1.20

7) Expected to be achieved within first three years of combination; 8) Both Befesa and AZR financials shown are based on IFRS



# Strong near- & mid- term synergy potential identified

Total pre-tax near-term synergies of c. \$20/€17m expected within first three years of combination

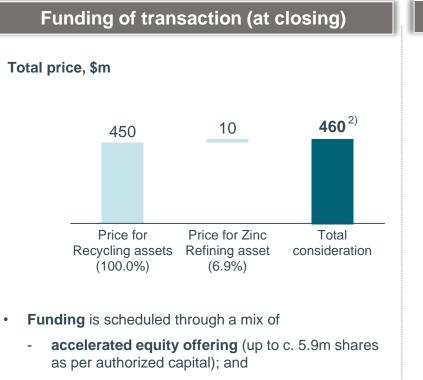


One-time implementation costs of c. €10 to 15m (during first 18 months of integration) applying Befesa's proven operational excellence rigor with on average < 2–year payback

1) AZR has hedged at \$2,767/t for 2022 vs. AZR 2021 Pro Forma hedges at c. €2,150/t (or \$2,580/t at FX \$/€ 1.20) → +\$187/t on c. 83kt hedged = c. \$15.5m / €12.9m

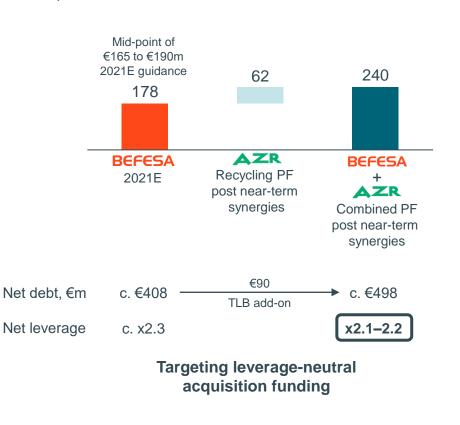


## Leverage–neutral transaction with expected strong double–digit EPS accretion<sup>1)</sup>



- €90m pre-approved term Ioan B (TLB) add-on
- Contingent FX hedging in place

# Financial profile – 2021E Combined Pro Forma<sup>3)</sup>



1) Expected to be achieved within first three years of combination

3) For illustrative purposes, Pro Forma includes AZR's new improved hedging program and near-term synergies



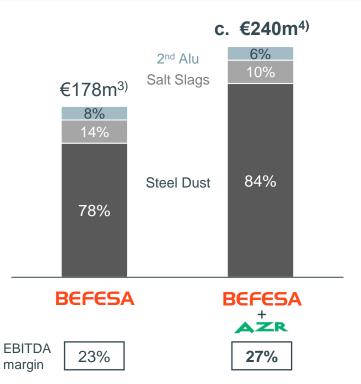
<sup>2)</sup> Excludes one-time transaction expenses

## Diversifying the highest margin business unit and further improving Befesa's overall profitability

EAFD recycling capacity<sup>1)</sup> c. 1,665kt US 620 1.045kt<sup>2)</sup> 550 550 Asia 495 495 Europe BEFESA BEFESA ZR

#### Diversifying towards a globally well-balanced European / Asian / US footprint

EBITDA by segment



#### Befesa's overall profitability improving by growing the highest margin Steel Dust business unit

1) Company's information

2) 1,045kt EAFD recycling capacity includes 220kt from the first two plants in China (Jiangsu & Henan provinces) scheduled to ramp up operations in 2021

3) €178m represents the mid-point of Befesa's FY 2021 guidance provided on 27 April 2021; Percentages are based on L3Y average financials

4) c. €240m represents the sum of a) Befesa standalone of €178m (mid-point of FY 2021 guidance) and b) AZR Recycling FY 2021E PF of €62m, post near-term synergies





## AZR's zinc refining asset: strategic integration opportunity to support EAFD recycling operations in the US



# Barnwell, SC Rockwood, TN Calumet, IL Palmerton, PA Rutherford County, NC SHG

#### **Plant footprint**

- Close proximity to AZR recycling plants, at Rutherford County, NC
- Applies new solvent extraction technology for zinc refining
- Restarted operations in 2020; Ramping up;
   Capacity to produce c. 141kt pure zinc (SHG) per year

#### **Strategic rationale**

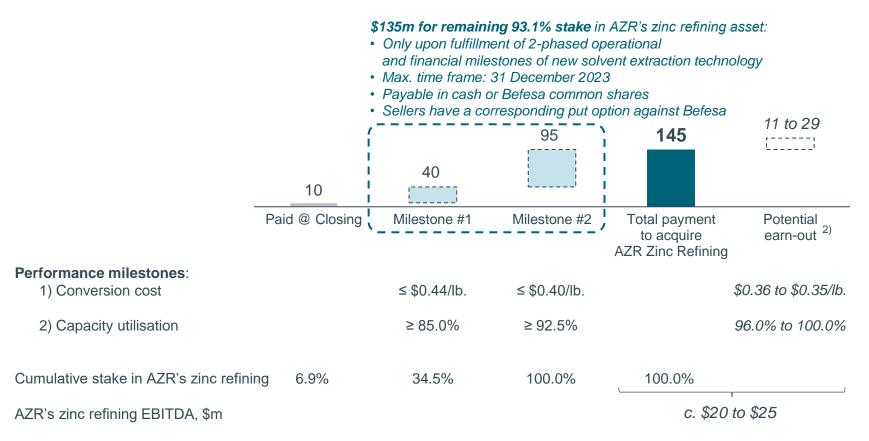
- Process WOX from all AZR recycling plants into pure zinc (SHG)
- WOX purchased from AZR recycling at market prices
- · Address shortage of zinc refining capacity in the US/North America
- Supports AZR to become vertically-integrated:
  - Closed-loop, end-to-end, 100% green to AZR's EAF steel clients

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- Reduces exposure to zinc treatment charge volatility
- No change in Befesa's global strategy

# Secured option to acquire AZR's zinc refining asset only upon fulfilling operational & financial performance milestones

Payment schedule to acquire AZR's zinc refining asset<sup>1</sup>), \$m



#### Total purchase price represents c. 7x estimated EBITDA<sup>3)</sup> acquisition multiple

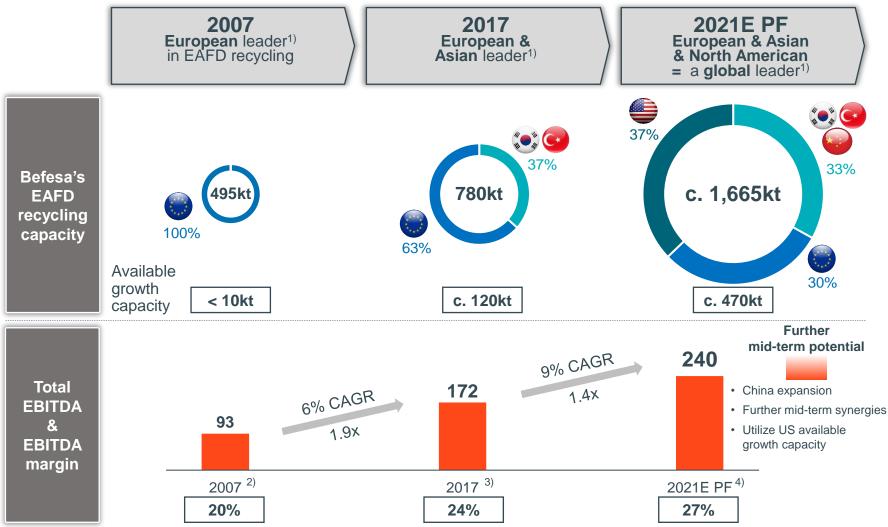
1) Milestone-based purchase prices subject to certain possible adjustments

2) Max. time frame for the potential earn out is 31 December 2023

3) EBITDA of \$20 to \$25m, expected to be achieved within first 3 years after Closing



## The acquisition of AZR's recycling business represents a key step on Befesa's accelerated growth path ...



1) Source: Own estimate based on recycling capacity; 2) 2007 actuals PF for the non-core Industrial Environmental Solutions business divested in 2016; 3) 2017 adjusted for one-time IPO-related costs; 2017 reported EBITDA of €153m; 4) 2021E Combined PF incl. AZR's new improved hedging program and near-term synergies for illustrative purposes



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