Interim Report First 9 Months 2021/22

Analyst Conference Call on August 5, 2022





## **Executive summary of first 9 months 2021/22**

**Operating EBT** 9M 2021/22 of € 448 million (PY: € 268 million)

ROCF 18.6 % (PY: 13.5 %)

Net cash flow € 5 million (PY: € 332 million)

Confirmed forecast range for FY 2021/22 € 500-600 million op. EBT

Ongoing strong market conditions and good performance led to very strong nine months figures of FY 2021/22, despite higher energy prices and maintenance shutdown in Hamburg

Substantially higher metal result with increased metal prices, especially for industrial metals (copper, nickel and tin)

Significantly higher sulfuric acid revenues due to ongoing strong pricing for sulfuric acid products

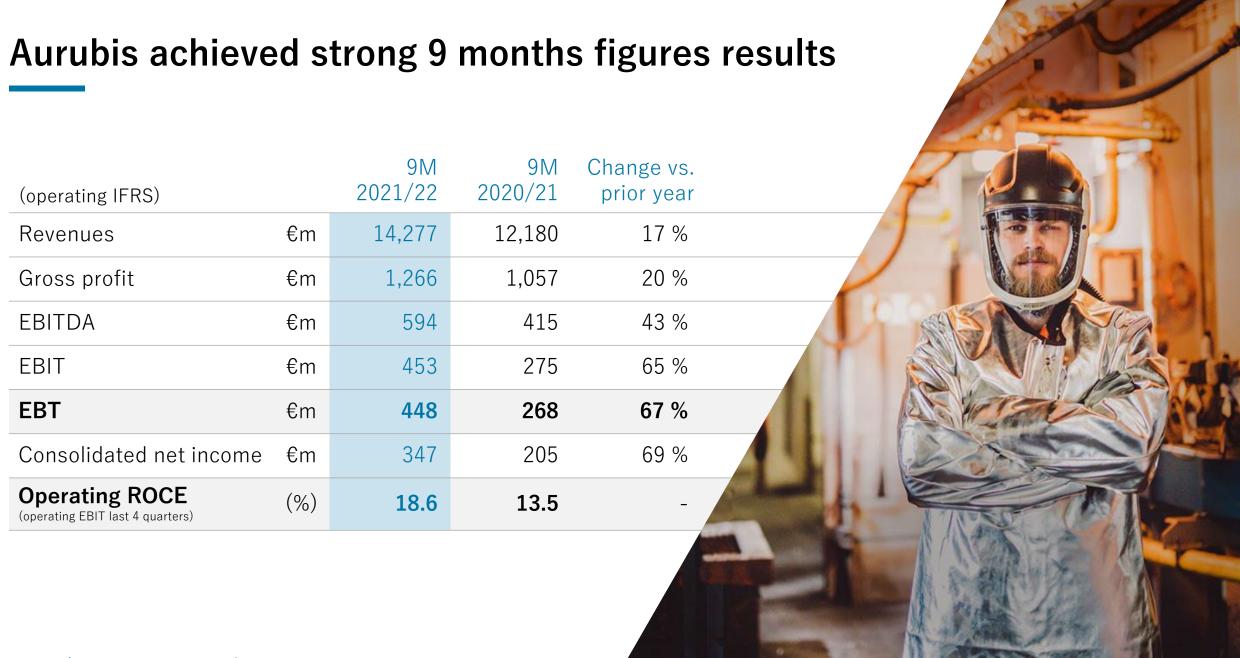
Very good operating performance at our primary site in Pirdop, shutdown at Hamburg plant successfully completed

Net cash flow low due to temporarily high working capital

Forecast range of € 500-600 million op. EBT for FY 2021/22 confirmed



Aurubis confirmed forecast based on a very strong 9-month result.



## Market conditions in YTD 2021/22: Strong industrial metals and sulfuric acid markets

#### Trend in significant market prices and refining charges

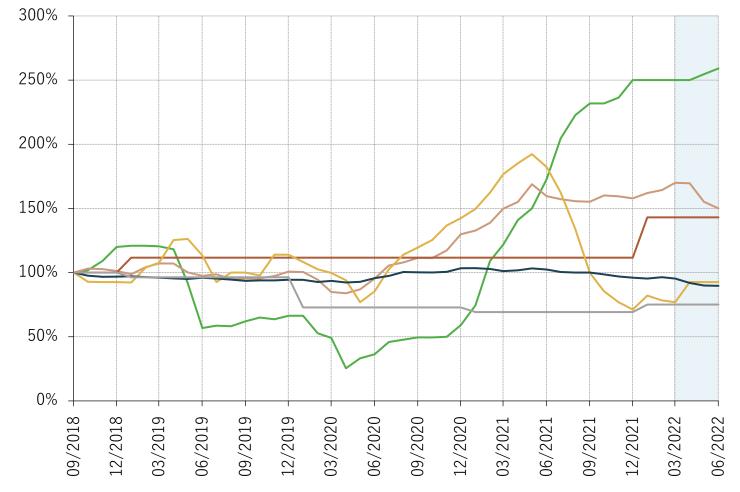












100 % = Sept. 2018

-Sulfuric acid price (spot CFR Brazil)

-Copper price (settlement)

-Copper premium

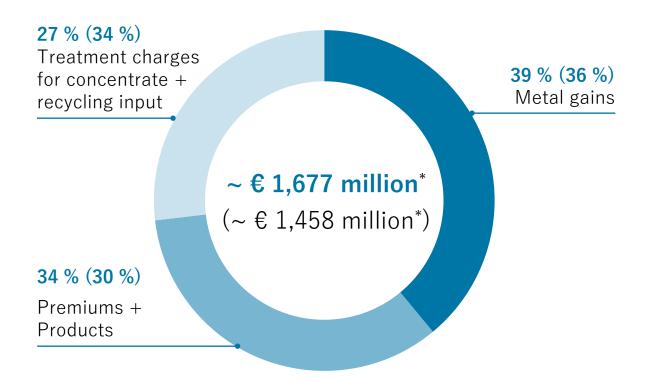
-European refining charges for copper scrap no. 2

-Exchange rate (US\$/€)

—TC/RCs for copper concentrates (contract)

## **Gross margin split 2021/22 YTD**

Breakdown of income components in the Aurubis Group 9M 2021/22 YTD (YTD prior-year figures)

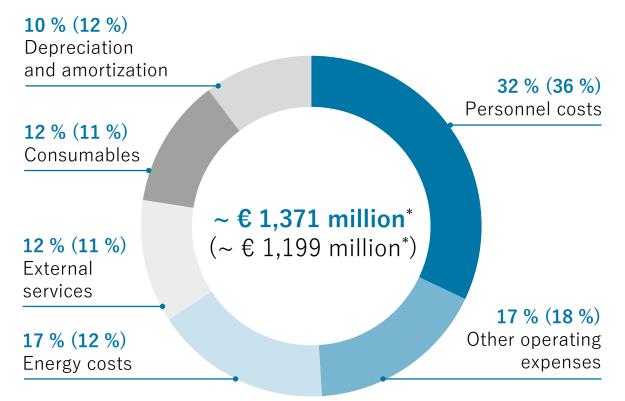


<sup>\*</sup> Gross margin = Sum of income components combining metal gains, Treatment Charges for concentrate + recycling input and Premiums + Products

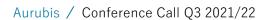


Increase in energy costs raises Group costs

Overview of cost/expense positions 9M 2021/22 YTD (YTD prior-year figures)



<sup>\*</sup> Figures adjusted by energy compensations

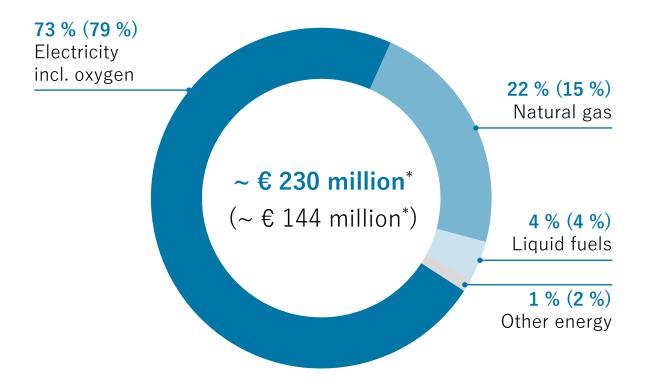




## Significant increase in energy prices

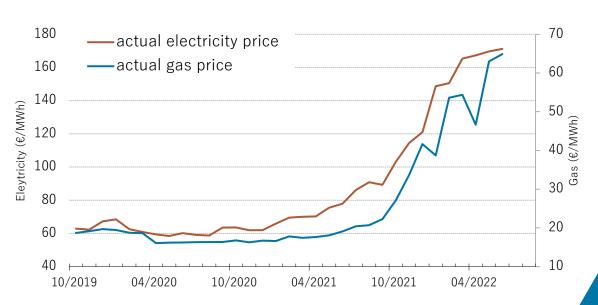
#### Electricity consumption and CO<sub>2</sub> scopes

Breakdown of energy costs in the Aurubis Group 9M 2021/22 YTD (YTD PY)



#### CO<sub>2</sub> emissions of 1.60 million t (2021)

- 0.56 million t of direct emissions (Scope 1)
- 1.05 million t of indirect emissions related to purchased electricity; market-based (Scope 2)



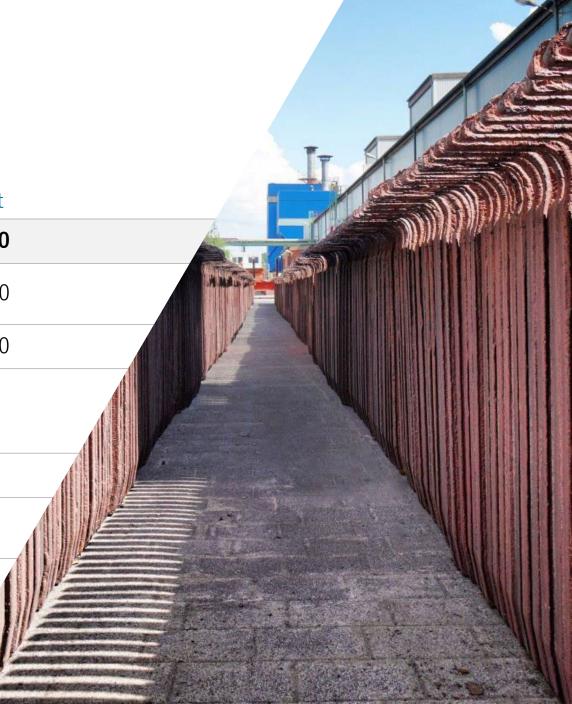
Electricity incl. oxygen consumption in the Aurubis Group: approx. 1.94 TWh (2021)

<sup>\*</sup> Figures adjusted by energy compensations

## Aurubis with ongoing strong financials

		9M 2021/22	9M 2020/21	Target
ROCE <sup>1</sup>	%	18.6	13.5	15.0
Equity ratio (equity / total assets)	%	50.6	44.4	> 40.0
Debt coverage <sup>2</sup>		-0.2	0.0	< 3.0
Additional KPIs		9M 2021/22	9M 2020/21	
Capital expenditure	€m	225	137	
Capital employed (balance sheet date)	€m	2,970	2,734	
Net cash flow	€m	5	332	

<sup>&</sup>lt;sup>1</sup> Rolling EBIT last 4 quarters

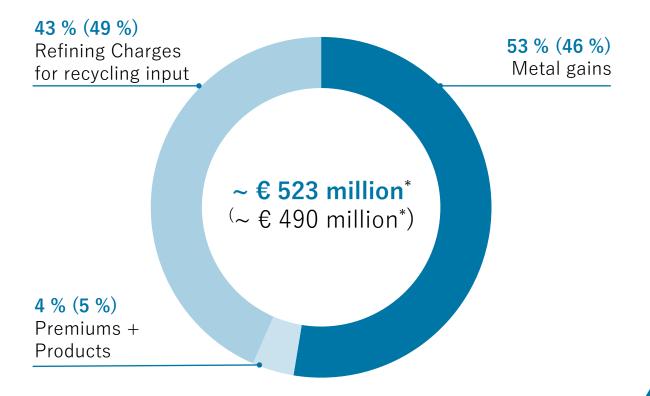


<sup>&</sup>lt;sup>2</sup> Net financial liabilities / rolling EBITDA last 4 quarters

## Multimetal Recycling segment

Operating results		9M 2021/22	9M 2020/21
EBIT	€m	175	184
EBT	€m	174	180
ROCE <sup>1</sup>	%	36.6	30.8
Quantities			
Other recycling materials	mt	366	360
Copper scrap / blister copper	mt	245	258
Cathodes	mt	385	377

Breakdown of income components in MMR segment 9M 2021/22 YTD (YTD prior-year figures)



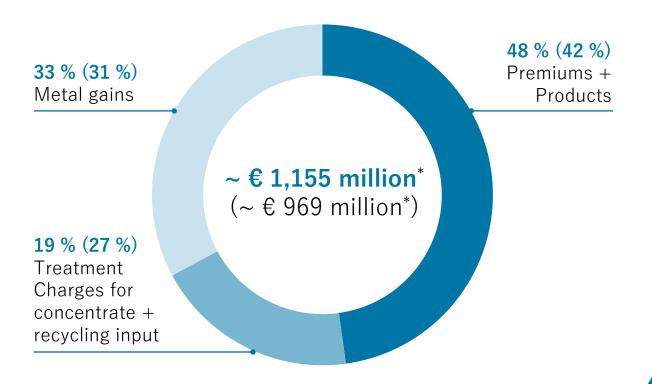
<sup>\*</sup> Gross margin = Sum of income components combining metal gains, Treatment Charges for concentrate + recycling input and Premiums + Products

<sup>&</sup>lt;sup>1</sup> Rolling EBIT last 4 quarters

## **Custom Smelting & Products segment**

		9M	9M
Operating results		2021/22	2020/21
EBIT	€m	327	136
EBT	€m	323	134
ROCE <sup>1</sup>	%	14.7	10.1
Quantities			
Concentrates	mt	1,780	1,816
Copper scrap / blister copper	mt	166	169
Sulfuric acid	mt	1,693	1,706
Cathodes	mt	455	460
Rod	mt	675	658
Shapes	mt	170	142
Flat rolled products and specialty wire	mt	136	149

Breakdown of income components in CSP segment 9M 2021/22 YTD (YTD prior-year figures)

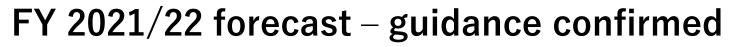


<sup>\*</sup> Gross margin = Sum of income components combining metal gains, Treatment Charges for concentrate + recycling input and Premiums + Products

<sup>&</sup>lt;sup>1</sup> Rolling EBIT last 4 quarters

## Market outlook for 2021/22

Copper concentrates	We anticipate an increasing concentrate supply from the mine side, supported by new greenfield projects as well as the extension of brownfield operations. Our smelters are well supplied beyond the end of FY 2021/22.
Recycling input materials	We expect a stable supply of copper scrap and complex recycling materials for the remainder of FY 2021/22. The smelter network is already supplied with a very large proportion of recycling materials by the end of FY 2021/22.
Sulfuric acid	Current outlook for Q4 remains positive: The markets in Europe and overseas show continued high demand with tight supply for Q4.
Aurubis copper premium	Has been set for 2022 at US\$ 123/t (2021: US\$ 96/t).
Other copper products	Outlook for FY 2021/22 remains positive; we foresee continued strong demand from all customer segments across the products.



## Our forecast range

Operating **EBT** between € 500 − € 600 million

Operating ROCE between 17 % and 21 %

	Operating EBT in € million	Operating ROCE in %
Multimetal Recycling	200 – 260	23 – 27
Custom Smelting & Products	350 – 410	17 – 21





Current situation on the German/European gas market

#### Gas market

Emergency gas plan for gas of the German government – stage 2 has been in place since June 23, 2022. It comprises different market mechanisms to reduce natural gas consumption. Market mechanics (auction system) to market excess gas is planned

The German gas storage facilities are currently being filled at record speed and are at 67 % as of July 29, 2022 (according to AGSI). Due to reductions of North Stream 1 a slow down can be expected.

 According to current news, two floating LNG terminals could go into operation in Brunsbüttel and Wilhelmshaven EOY, supplying around 15 % of Germany's gas requirements. It can be assumed that dependency on Russia could drop further.

#### **Aurubis Sites**

- Belgian smelter has very low dependency on Russian gas
- Bulgarian smelter uses LPG, not connected to the gas grid
- German smelters Hamburg and Lünen could be affected in future Depending on prioritization by the Federal Network Agency (BNetzA)



At present, natural gas is supplied to all of Aurubis sites as required

## **Aurubis mitigation measures**

#### Mitigation / Counteraction measures taken by Aurubis

- Task force and active crisis management on board and management level has been implemented
- Metal production (smelter activities) in Hamburg, Lünen, Pirdop, Olen,
   Beerse & Berango has priority
- Where technically feasible Aurubis prepares the substitution of natural gas (e.g., by fuel oil). Preparations like engineering and procurement, logistics, the purchase of energy and environmental permits are progressing
- Aurubis anticipates a high single-digit million investment for necessary equipment investments like (tanks, burners, atomizers, etc.) – with lead times of approx. 30 weeks.
- To mitigate the effects of the energy crisis and secure the energy supply,
   Aurubis expects a short-term increase of CO<sub>2</sub> emissions through the usage of alternative energy carriers (e.g., fuel oil)

## Aurubis' natural gas demand in Europe 2021

- Aurubis Group CY2021:
   1,210,000 MWh
- Hamburg CY2021:~473,000 MWh
- Lünen CY2021:~89,000 MWh

The Copper Mark – Aurubis Bulgaria, Hamburg and Lünen smelter certified!

The Copper Mark launched for copper producers in March 2020

Basis: UN SDGs & Risk Readiness Assessment

Review of the 32 sustainability criteria

Focus on steady improvement of the sector

Joint Due Diligence Standard enables effective due diligence

 Aurubis Bulgaria, Hamburg and Lünen are certified for meeting The Copper Mark's requirements for responsible production practices

Aurubis Olen expected in 2023





The copper value chain demonstrates responsibility to mutually improve and develop.

## New Power Purchase Agreement (PPA) for Aurubis Olen

- 10-year Power Purchase Agreement with Eneco for
   12 Megawatt
- Renewable energy to be sourced from Belgian offshore wind farm SeaMade
- As of January 2023, more than 90 % of the externally generated power of Aurubis Olen will come from renewable energy sources
- Reduction of 420,000 t CO<sub>2</sub> emissions over the 10-year duration of the contract – which contributes to CO<sub>2</sub> reduction targets of the Aurubis group.



Closing of partial sale of four flat rolled products sites

Aurubis is selling parts of its FRP segment to KME SE

Approval by the relevant supervisory authorities in May

Closing of the transaction on July 29, 2022

 Purchase price: about € 12 million plus about € 63 million for the net working capital at the time of closing

 Net working capital settled through the repayment of company loans to Aurubis in the same amount

 Transfer of Zutphen (Netherlands) site as well as the slitting centers in Birmingham (United Kingdom), Dolný Kubín (Slovakia), and Mortara (Italy) with a total of about 360 employees

 FRP plants in Stolberg (Germany), Pori (Finland), and Buffalo (USA) remain in the Aurubis Group

## Richmond – Groundbreaking ceremony



# Thank you for your participation.

For further questions, contact: IR@aurubis.com





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## Financial calendar

Annual Report 2021/22



# Aurubis at a glance

Based in Hamburg, Aurubis AG develops its leading market position with a responsible approach to the environment, people, and resources



The company's main expertise is in optimally processing concentrates and recycling raw materials with complex qualities

Metallurgical know-how,
state-of-the-art plant facilities,
and extraordinarily high
environmental standards for
the sector make Aurubis an
attractive partner for raw
material suppliers



The company, which was founded in 1866 as Norddeutsche Affinerie AG, is listed in the MDAX and produces more than 1 million t of copper cathodes and various copper products from them with about 7,200 employees worldwide





The Group is active in more than 20 countries and has production sites concentrated in Europe and North America



Aurubis is one of the world's leading producers of cathodes, rod, and flat-rolled copper products

Aurubis / Conference Call Q3 2021/22

## Scheduled shutdowns in the next 3 years



	FY 2021/22		FY 2022/23		FY 2023/24	
Smelter maintenance Hamburg	May/ June 2022	~28			May/ June 2024	~25
Smelter maintenance Pirdop			Aug./ Sept. 2023	~16		
Anode furnace Lünen	Nov./ Dec. 2021	~10	Nov./ Dec. 2022	~9	Nov./ Dec. 2023	~7
KRS Lünen	May 2022	~6	May 2023	~6	May/ June 2024	~6

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#### Forward-looking statements

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