



nexa

**BMO Global Metals, Mining &
Critical Minerals Conference**

February 27, 2024

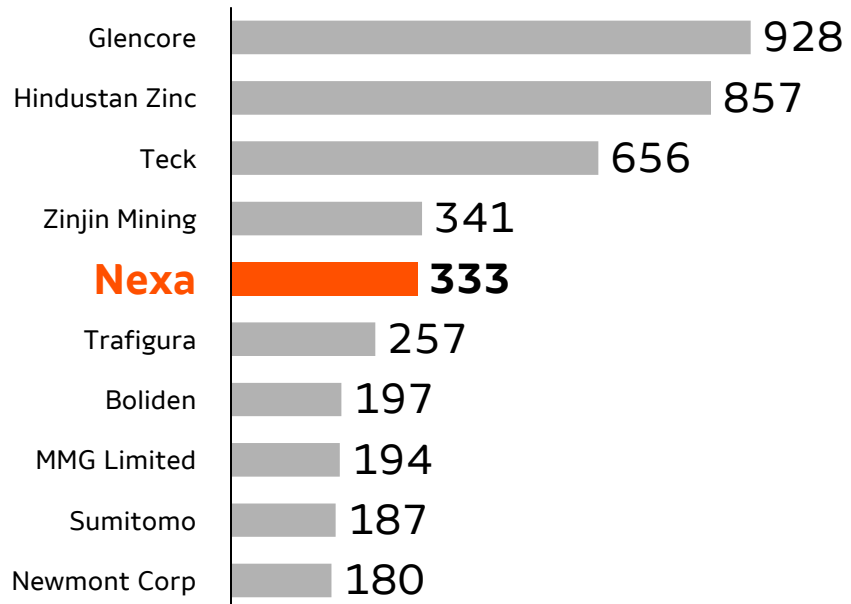
Nexa | Overview

We are a leading large-scale, low-cost integrated zinc producer with over **60 years of experience** developing and operating mining and smelting assets in Latin America



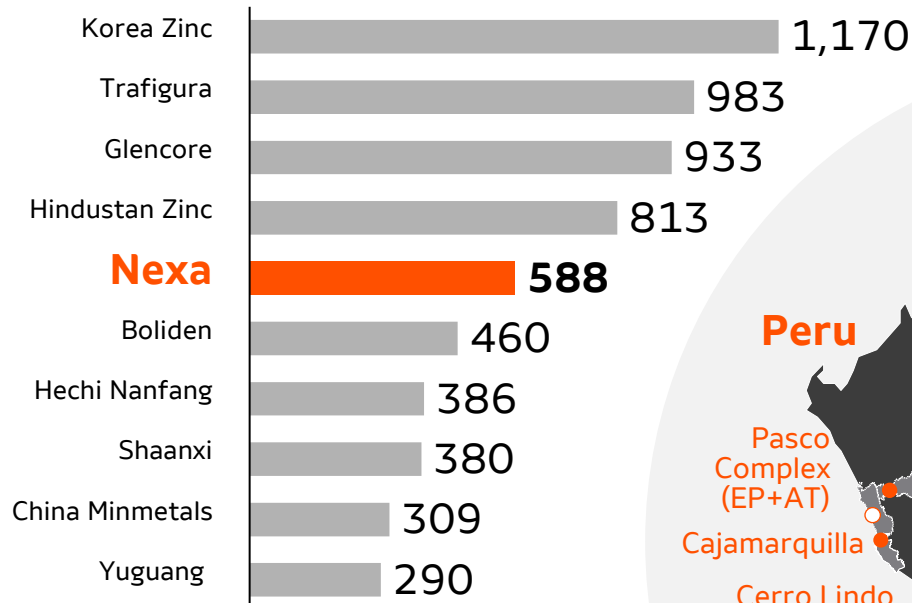
Top Zinc Concentrate Producers¹

(000 ton)



Top Zinc Metal Producers¹

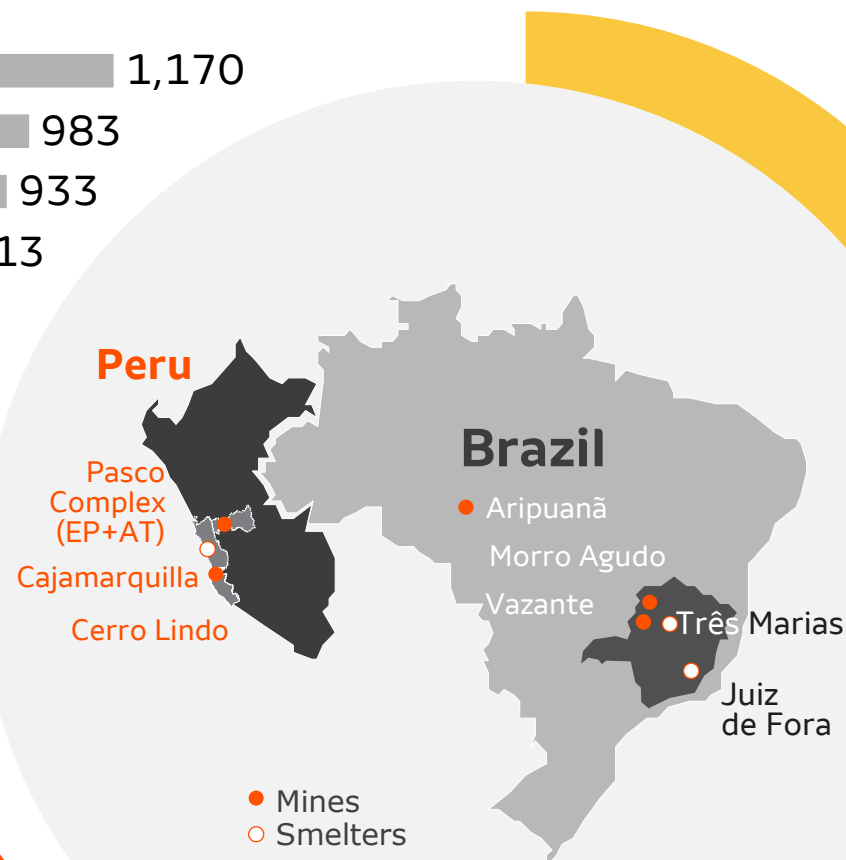
(000 ton)



5th largest **zinc** producer in the world with **substantial** production of **lead** (~65kt), **copper** (~33kt), and **silver** (~10MMoz)

5th largest **metal** producer in the world and **#1** in the **Americas** with **relevant by-products** contribution, such as sulphuric acid

⁽¹⁾ Source: Wood Mackenzie Zinc Producer Rankings – December 2023



Our Flagship Mining Operations

Nexa Polymetallic Mines

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Cerro Lindo
(8 yrs LoM)



Cerro Pasco
(6 yrs LoM)



Vazante
(9 yrs LoM)



Ramping-up

Aripuanã
(14 yrs LoM)



Annual
Production (Kt)*

Zinc	78	64	146	22
Copper	29	0.4	-	4.4
Lead	13	36	1.4	6.3
Silver (MMoz)	3.5	5.7	0.6	0.5

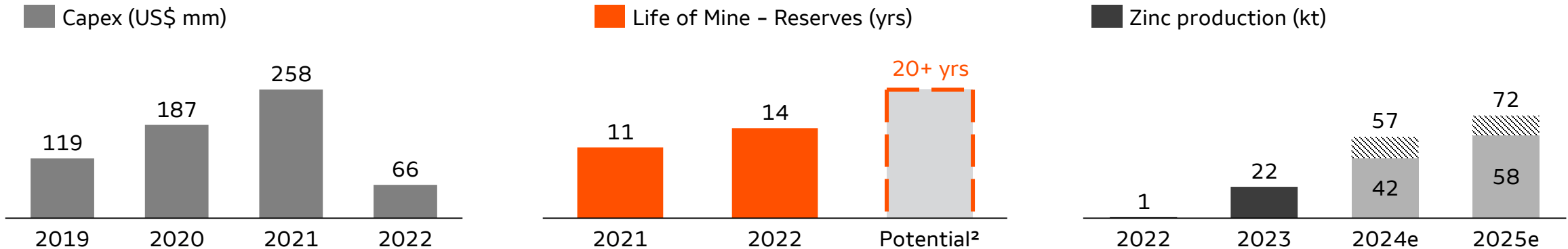
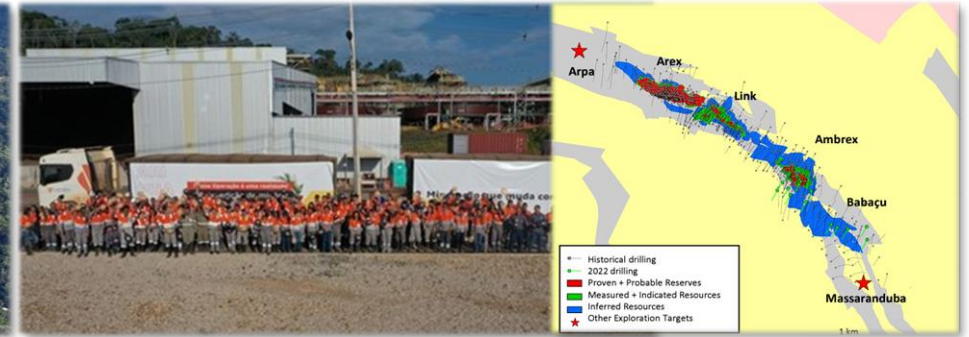
Consolidated All-in sustaining Cash cost¹: 2nd quartile

- **Cerro Lindo**: 1st. quartile AISC. Largest UG polymetallic mine in Peru
- **Cerro Pasco**: well-known and high attractive mineral province. Nexa operates in the area for +50yrs
- **Vazante**: Large zinc silicate deposit. High Zn grade
- **Aripuanã**: long-life mining asset. Our 3rd flagship mine

1. Ex-Aripuanã (due to it is still ramping-up). Based on FY23 mining all-in sustaining cash cost. Wood Mackenzie 4Q23 AISC curve. * FY 2023 production. 3. Not considering Morro Agudo

Aripuanã

World-class, long-life underground polymetallic mine – our 3rd flagship mine



- **Total capex** of ~US\$ 632 mm
- **Total all-in¹ investment:** ~US\$ 1.0 bn (including capex + working capital + pre-operating expenses)
- **Ramp-up delay in 2023** (due to bottlenecks in pumping system): **nameplate capacity by mid-2024**
- **End of investment cycle in 2023**
- Exploration campaign continues showing **potential relevant LoM addition**

1. Including pre-operating expenses during ramp-up phase and working capital. Non-audited estimated figures (management view) from project approval up to Dec/23. 2. Based on current Reserves + Resources inventory

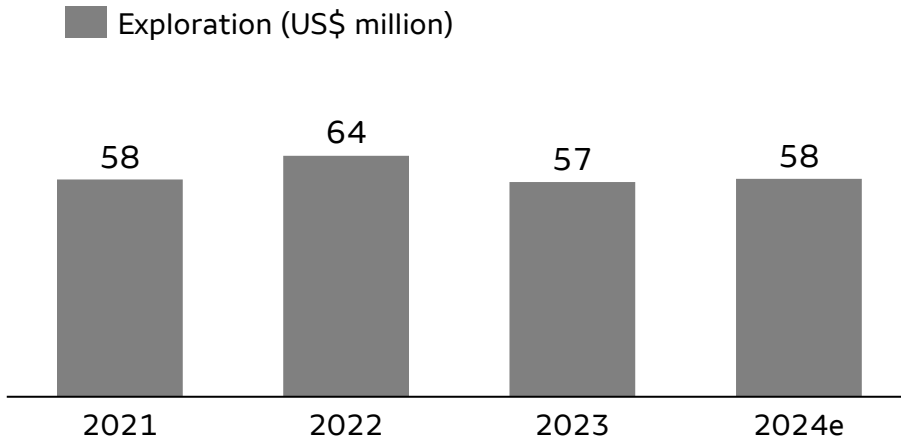


Mineral Exploration

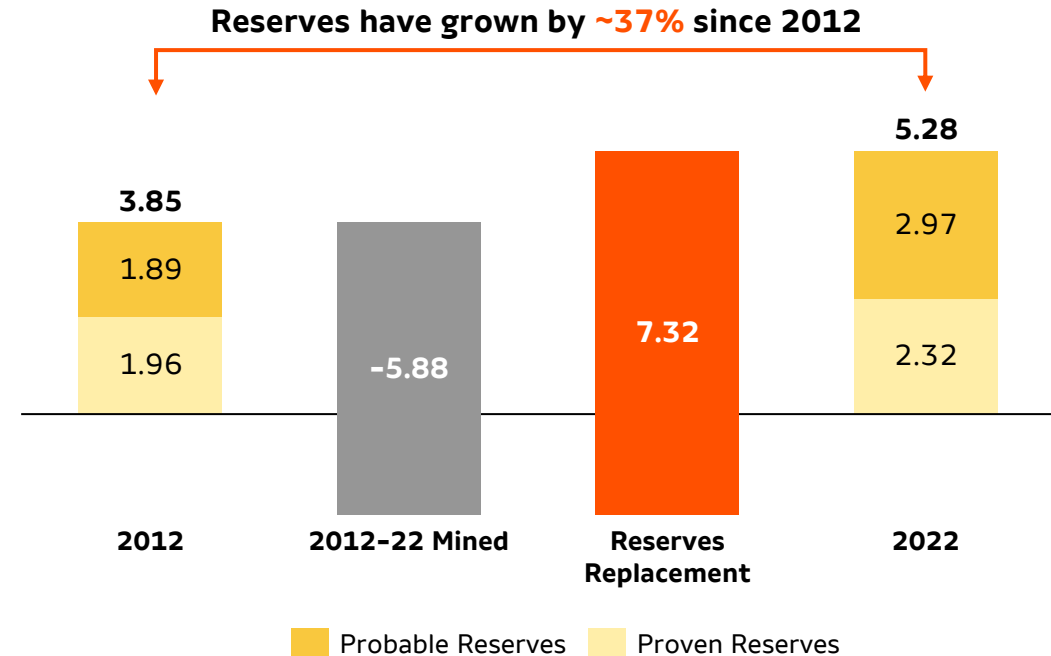
Supporting Nexa growth platform: current operations and projects



- **Robust pipeline and consistent investments:** Mineral Exploration contributing to **replenish and increase the reserves and resources base in current operations** and **provide strategic growth opportunities**



- **Exploration as part of Nexa's growth strategy:** current operations + projects
- **In 2023, we expect and additional increase in Nexa's overall reserves base**



- **Mineral Reserves: outstanding replacement track record at current operations (Mt Zn Eq)**

1. Assuming 100% ownership of Nexa Peru (formerly Milpo) and Atacocha; reserves replacement calculated by subtracting 2012 Zn Eq. reserves from 2022 Zn Eq. reserves, plus Zn Eq. Ore Mined; Zn Eq. is calculated based on respective metal content in ore mined and metal prices of Zn: US\$2,826.35/t, Pb: US\$2,043.95/t; Cu: US\$7,398.47/t; Au: US\$1,474.88/oz; and Ag: US\$19.93/oz, with all costs in US dollars..

Portfolio of options in Zn and Cu

From early-stage exploration to life of mine extension: extensive knowledge in exploration

Mineral Exploration

Early Stage

(Initial Explor. & Exploratory Drilling)

Late Stage

(Potential & Resources Definition)

Project Development

Feasibility Studies

(FEL: Front-end loading)

Implementation / Operation

Execution & Operation



Copper



Zinc

Brazil Peru Other countries

Copper Growth Strategy:

Short-mid term: inorganic
Long-term: current pipeline

Magistral

Pasco
Integration
Project

Aripuanã

Cerro
Lindo

Vazante

Pasco
Complex

Morro
Agudo

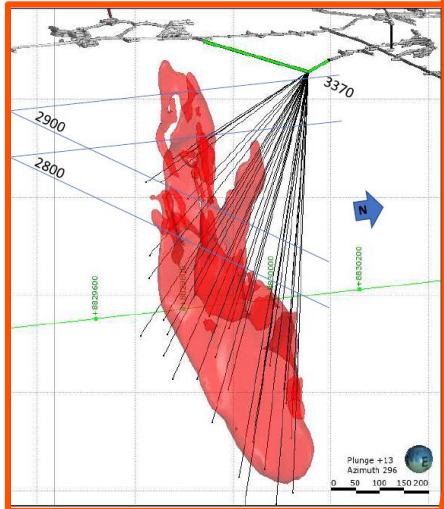
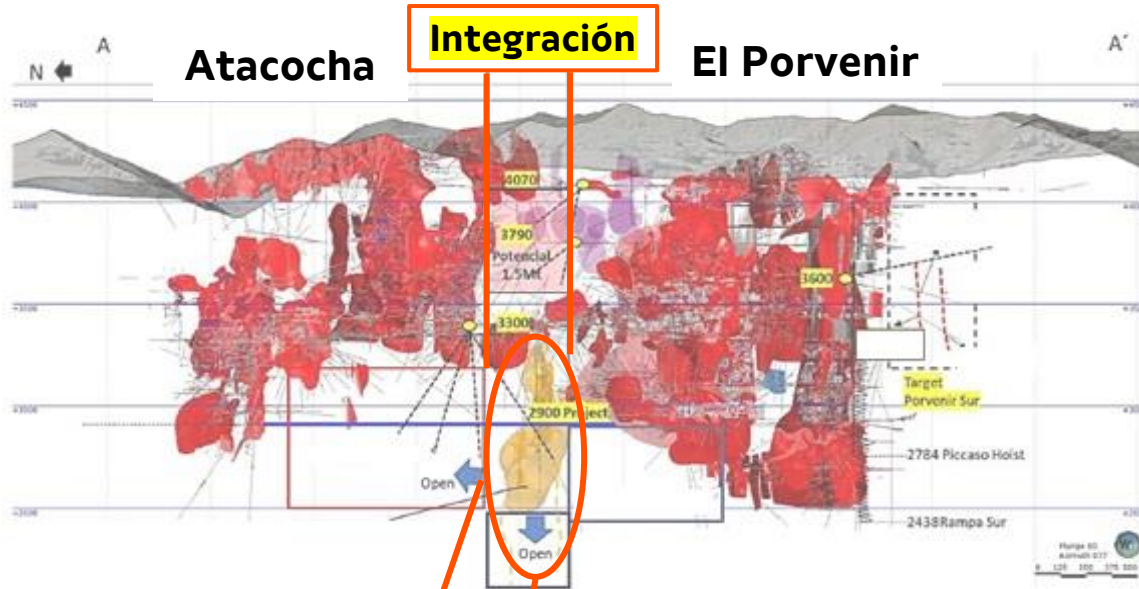
*Focus on life of
mine extension*

1. Ayawilca belongs to Tinka Resources Ltd.. Nexa has ~18.2% of Tinka Resources Ltd

Pasco Complex **Integración** Project

A robust organic growth option

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- **Repositioning the asset's competitiveness** by building a **robust organic growth option**
- Integration of **Atacocha** and **El Porvenir** underground mines: **unlocking site's full potential**
- El Porvenir (LoM)¹: **6 years**
- Atacocha (LoM)²: **<5 years**
- El Porvenir + Atacocha integrated (LoM): **> 10 years³**

Project's Highlights:

- **Integration of the 2 UG mines:** underground infrastructure (shared infrastructure >> **higher profitability**)
- **El Porvenir shaft upgrade:** improve capacity
- **Tailings Storage Facility:** Increased storage capacity + pumping system
- **Support studies:** environmental studies & permits, corporate structure



1. Note: Mine Life based on Mining Report 2022; mine life calculated by dividing reserves by ore mined capacity; 2. Open pit mine (Tajo San Gerardo) estimated LoM. 3. Including potential endowment and Integración target

Our Flagship **Smelting** Operations

Regional leadership (high premium markets). High production scale operations. Close to raw material sources

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Cajamarquilla



Três Marias



Juiz de Fora



Annual
Sales (Kt)*

**Zinc Metal
+ Oxide**

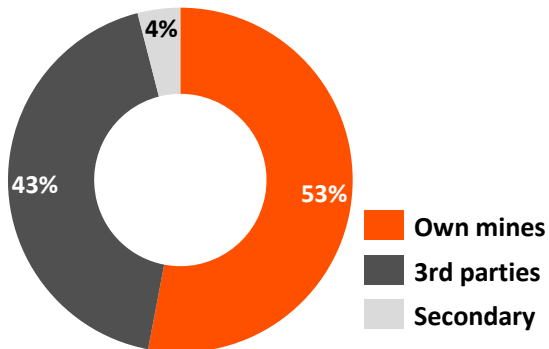
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181

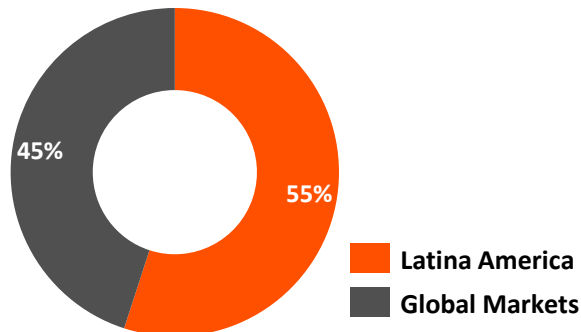
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Consolidated Cash cost¹: **2nd quartile**

Raw material supply



Sales Breakdown



- **Nexa's Smelting Business**: high profitability >> high premiums markets, competitive TCs, access to raw material (logistics advantage)
- **Cajamarquilla**: largest Zn smelter in the Americas. Export platform
- **Três Marias**: strategically placed close to mine supply (Vazante)
- **Juiz de Fora**: process secondary zinc (low raw material cost)

1. Based on 4Q23 smelting cash cost. Wood Mackenzie 4Q23 AISC curve. * FY 2023 production

ESG: our key-commitments



Climate Change

2030 - 2050

Reduce absolute Scope 1 emissions **by 20%***

Reach net **neutrality** by **2040**

Reach **net zero** by **2050**



Natural Capital

2030

10% reduction of water consumption in operations:

- Mining operations: from 1.68 to 1.51 m³/ton of ROM
- Smelters: from 24.01 to 21.61 m³/ton of metal



Health, Safety, and Well-being

Achieve **zero fatalities** across all operating units

Consolidate all units in the **first quartile (*)** of the **mining industry**



Plurality

30% women in the workforce / **30% in leadership** roles (*)

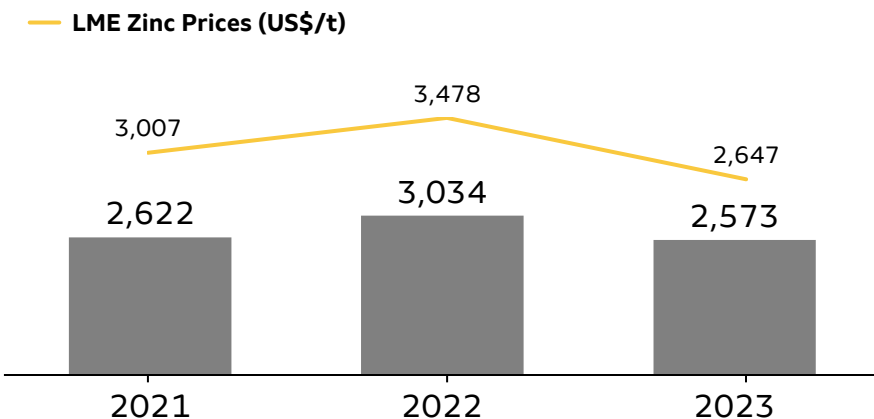
(*) Currently, the average Nexa operation is already in the 1st quartile of the industry, considering 2022 as the base year. (**) Currently, 27% women in our workforce, and 21% in leadership positions

Operational and Financial Highlights

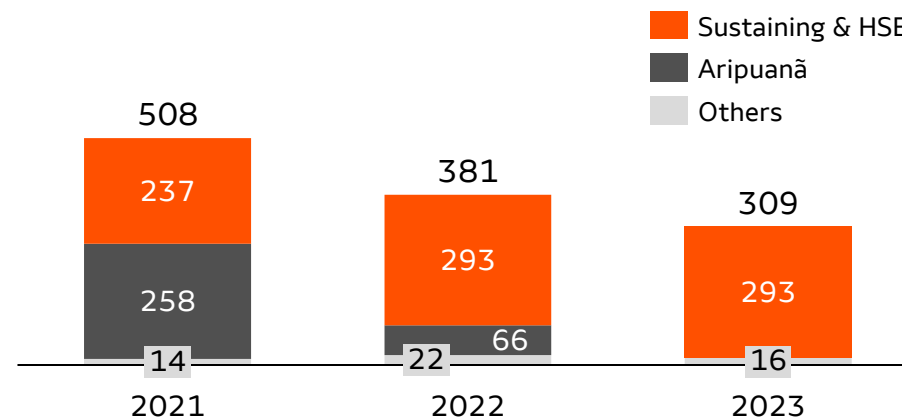
Current results impacted by lower Zn prices. End of Aripuanã investment cycle



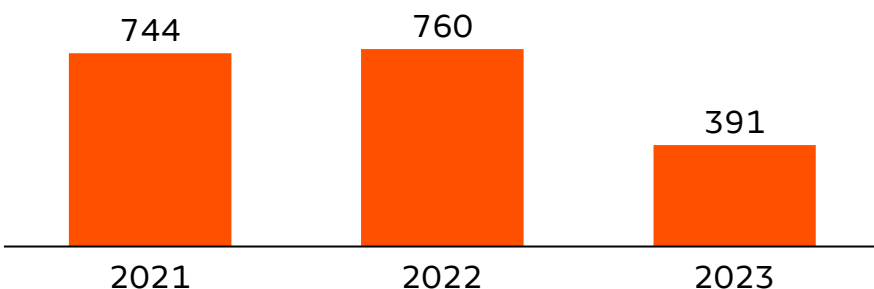
Net Revenue (US\$ million)



Capex (US\$ million)



Adjusted EBITDA (US\$ million)



- **Record-high Adjusted EBITDA of US\$760 million in 2022**

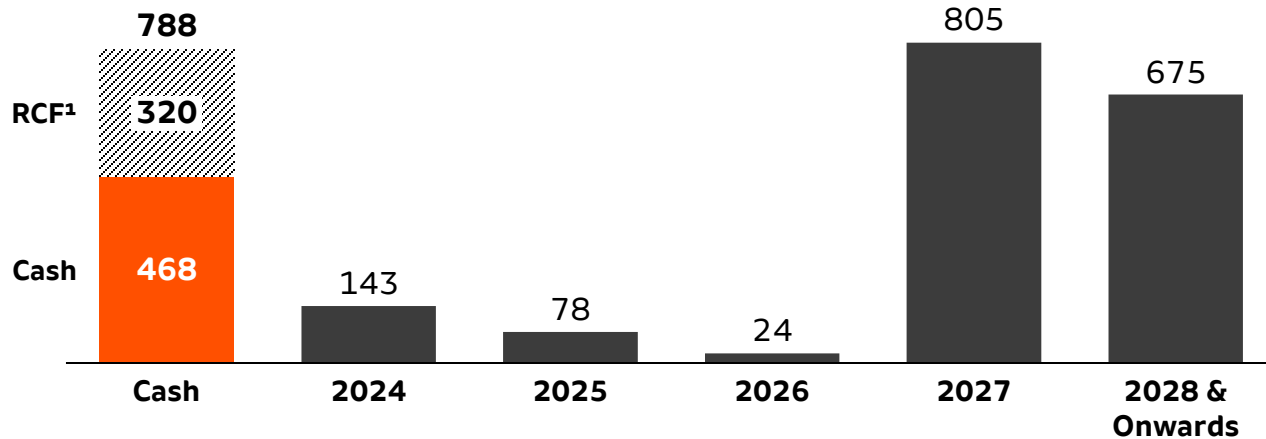


- **Adj. EBITDA in 2023 following lower LME prices and impact of Aripuanã ramp-up**
- **Aripuanã investment cycle ended**

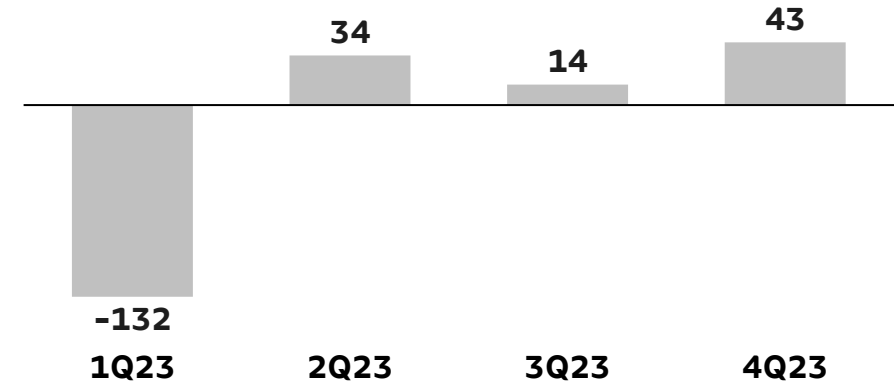
Cash Flow and Debt Profile

Debt profile (as of December 31st, 2023)

Average debt maturity: 3.75 years @6.11% avg. cost



2023 FCF quarterly evolution (US\$ million)



- **Sound balance sheet** with a long-term debt profile
- **Positive free cash flow in 2Q3, 3Q23 and 4Q23**, despite challenging price scenario and Aripuanã ramp-up: ~(190 million) in cash flow impact from Aripuanã³ in 2023
- End of Aripuanã investment cycle: **improving cash generation**
- Leverage at **3.2x** due to lower LTM Adj. EBITDA

Rating agencies	Rating	Outlook
Fitch	BBB-	Stable
S&P	BBB-	Stable
Moody's	Ba2	Negative

1. Revolving Credit Facility; 2. Percentage of market capitalization; 3. Non-audited estimated figures (management view).



Why Nexa

1. Solid long-term market fundamentals: Copper and Zinc connected to **green economy**

2. Mines with high potential of life of mine extension (attractive capital allocation)

3. Smelters well positioned: raw material supply and **leading sales position** in high-premium markets

4. Active exploration strategy: **robust portfolio** of potential projects in different stages and in friendly jurisdictions

5. Effective ESG approach: recognized disclosing practices (low carbon footprint – **leading position in Zn industry**)

6. Sound balance sheet: to be **further strengthened** after the investment cycle in Aripuanã

7. Commitment to capital allocation discipline and **cash flow generation**

The Nexa logo is displayed in white lowercase letters. The 'n' and 'x' have orange horizontal bars at their base. The background is a photograph of a vast, arid mountain range under a blue sky with light clouds. A solid gold square is in the top left corner, and a large yellow curved shape is in the bottom left corner.

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thank you