

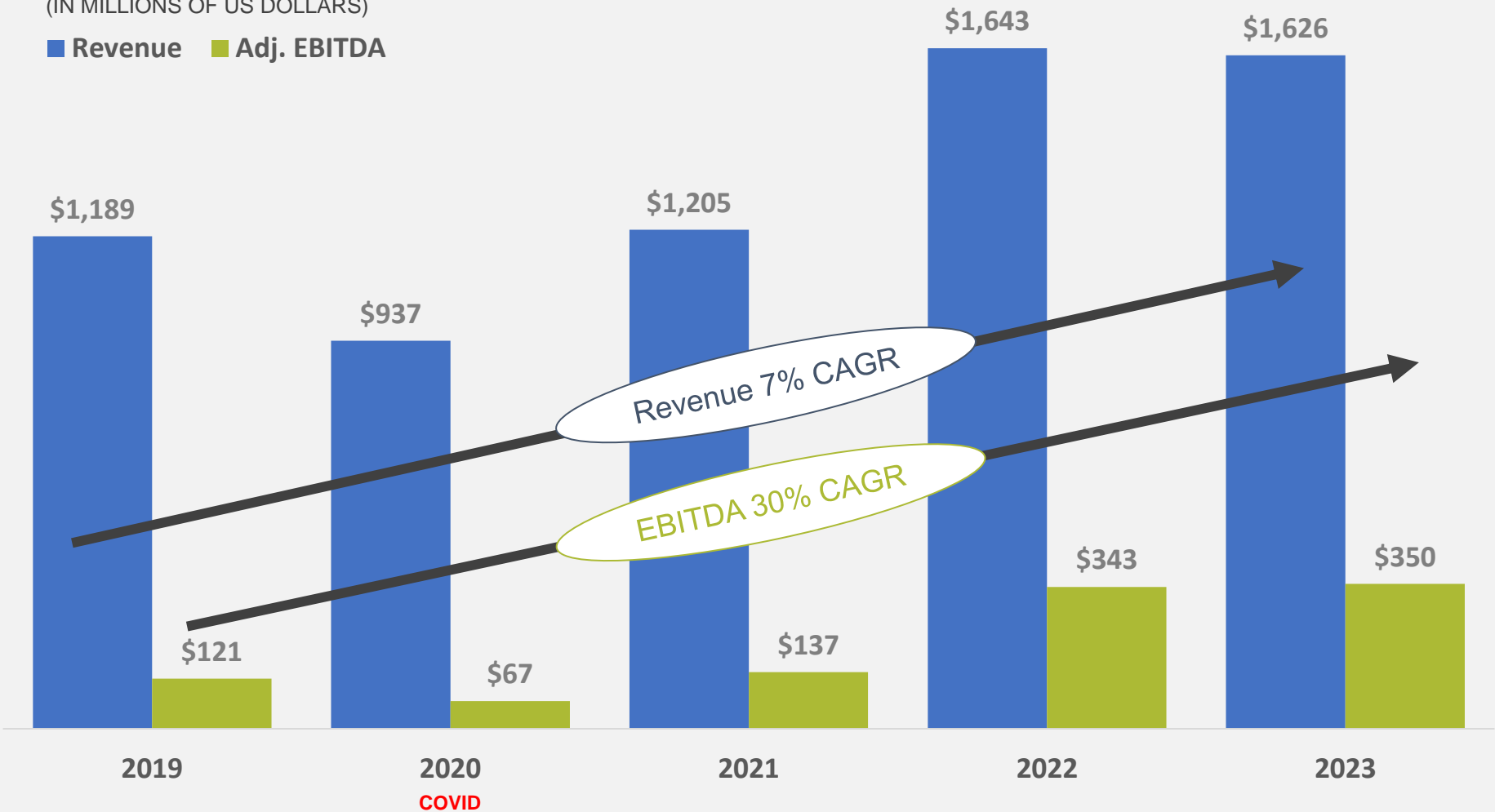
# CHART I: THE UNCONDITIONAL PURSUIT OF A SAFE WORKPLACE



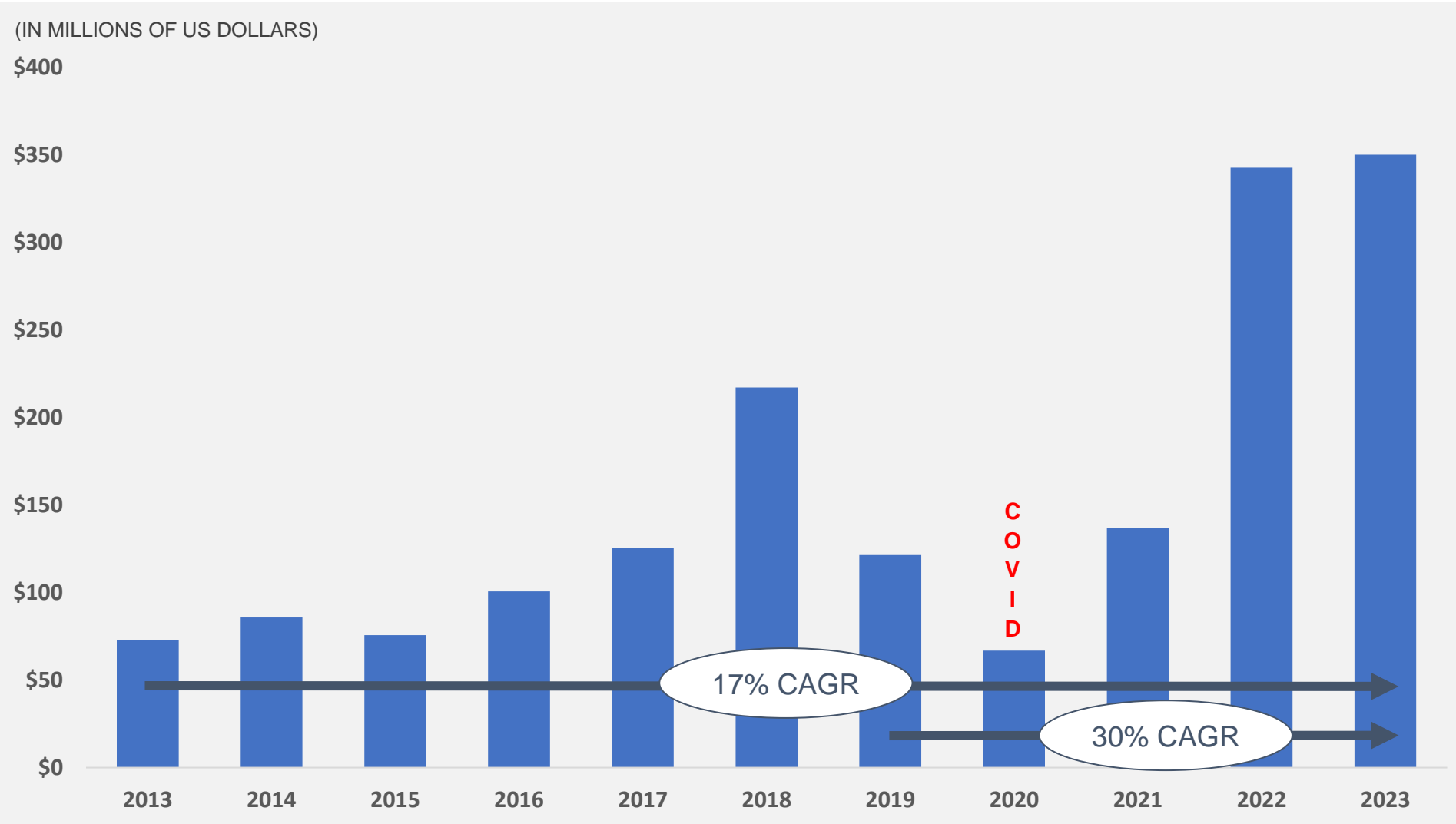
# CHART II: 2023 FINANCIAL RESULTS

(IN MILLIONS OF US DOLLARS)

■ Revenue ■ Adj. EBITDA

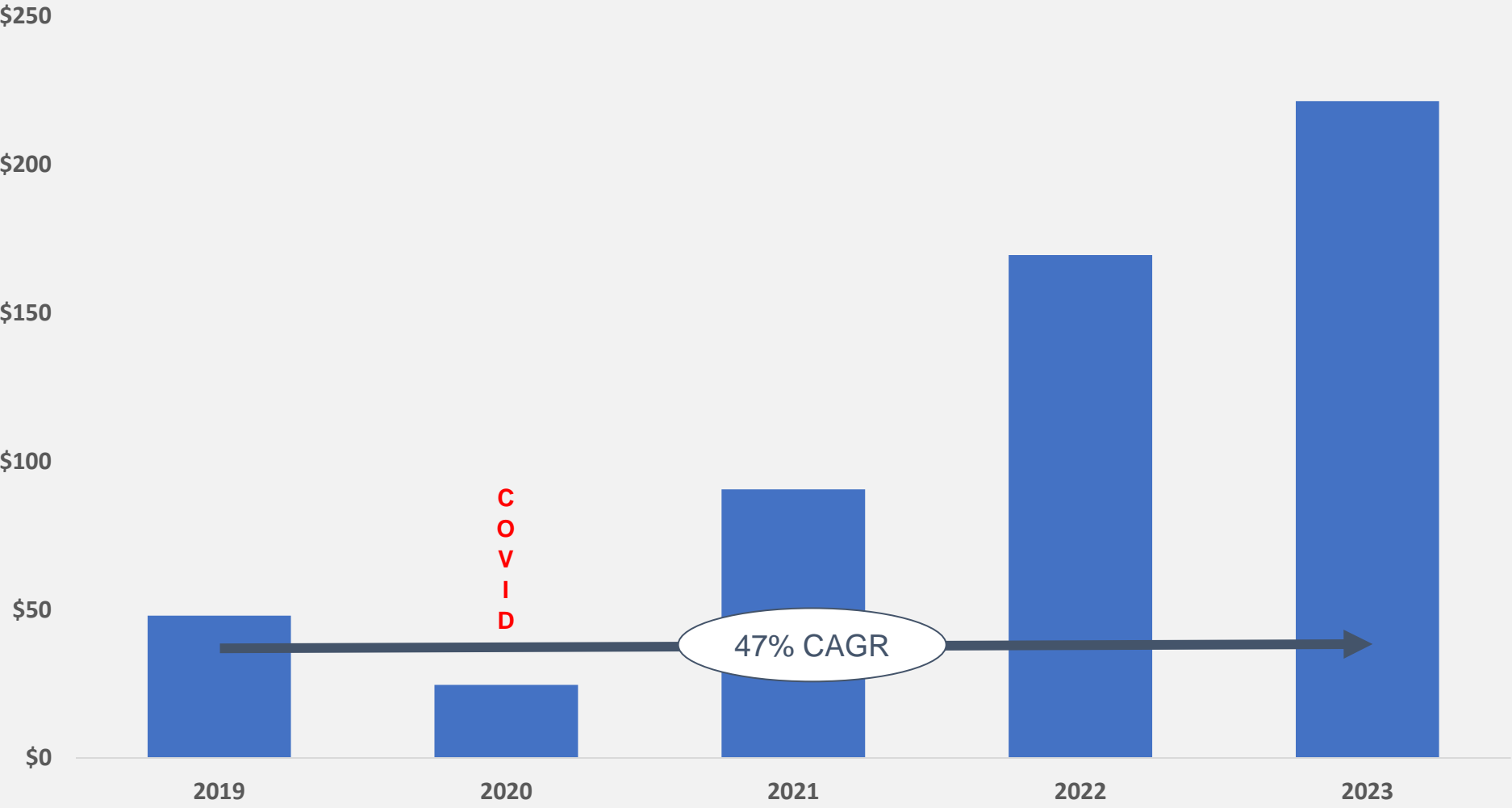


# CHART III: 5-YEAR AND 10-YEAR ADJUSTED EBITDA GROWTH RATES



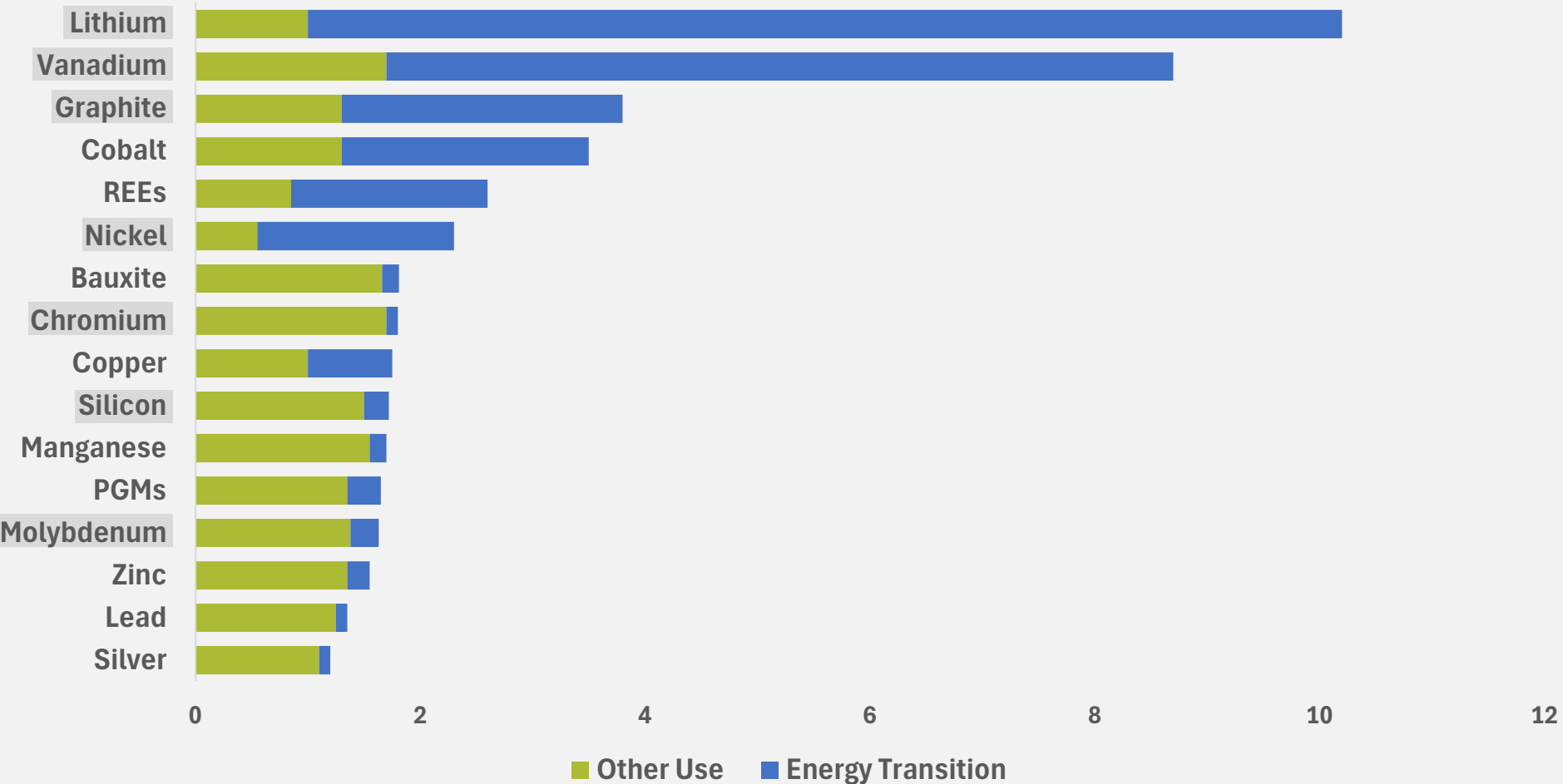
# CHART IV: 5-YEAR OPERATING CASH FLOW GROWTH RATES

(IN MILLIONS OF US DOLLARS)

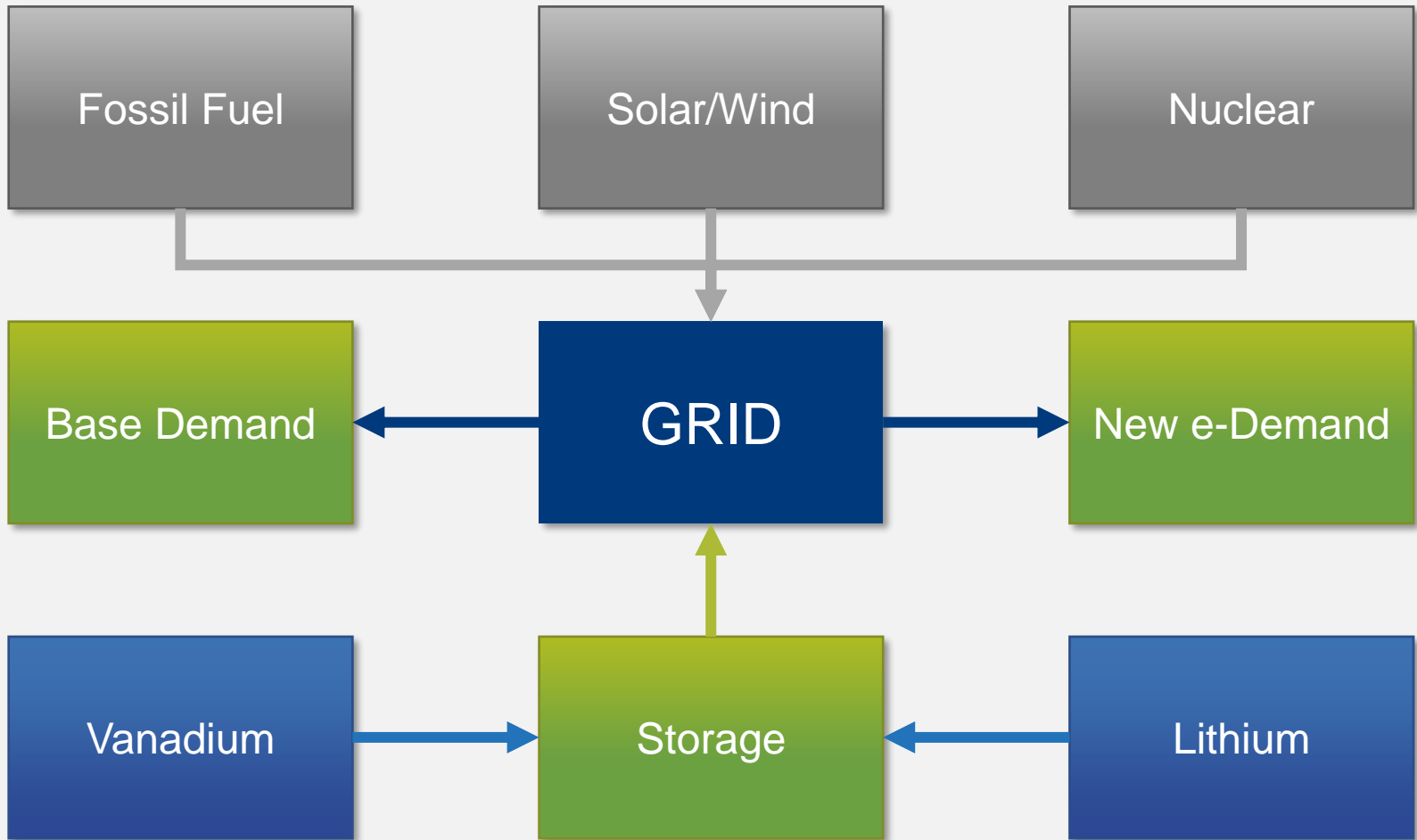


# CHART V: LITHIUM AND VANADIUM: TOP ENERGY STORAGE TRANSITION METALS

Ratio of 2050 to 2022 demand under a net zero emissions scenario



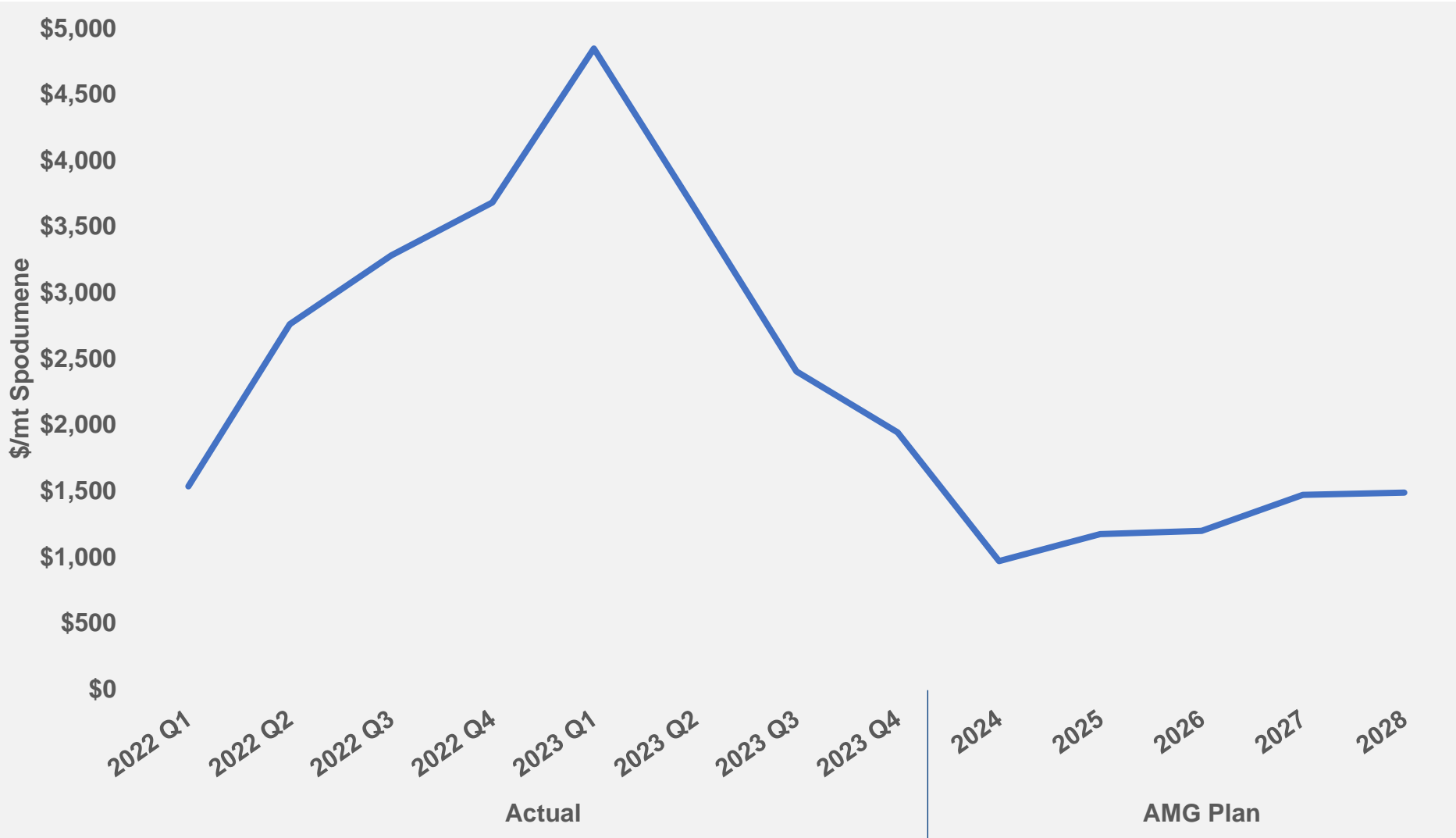
# CHART VI: GRID, INTERMITTENCY, AND STORAGE



# CHART VII: AMG'S INVESTMENT IN SPODUMENE

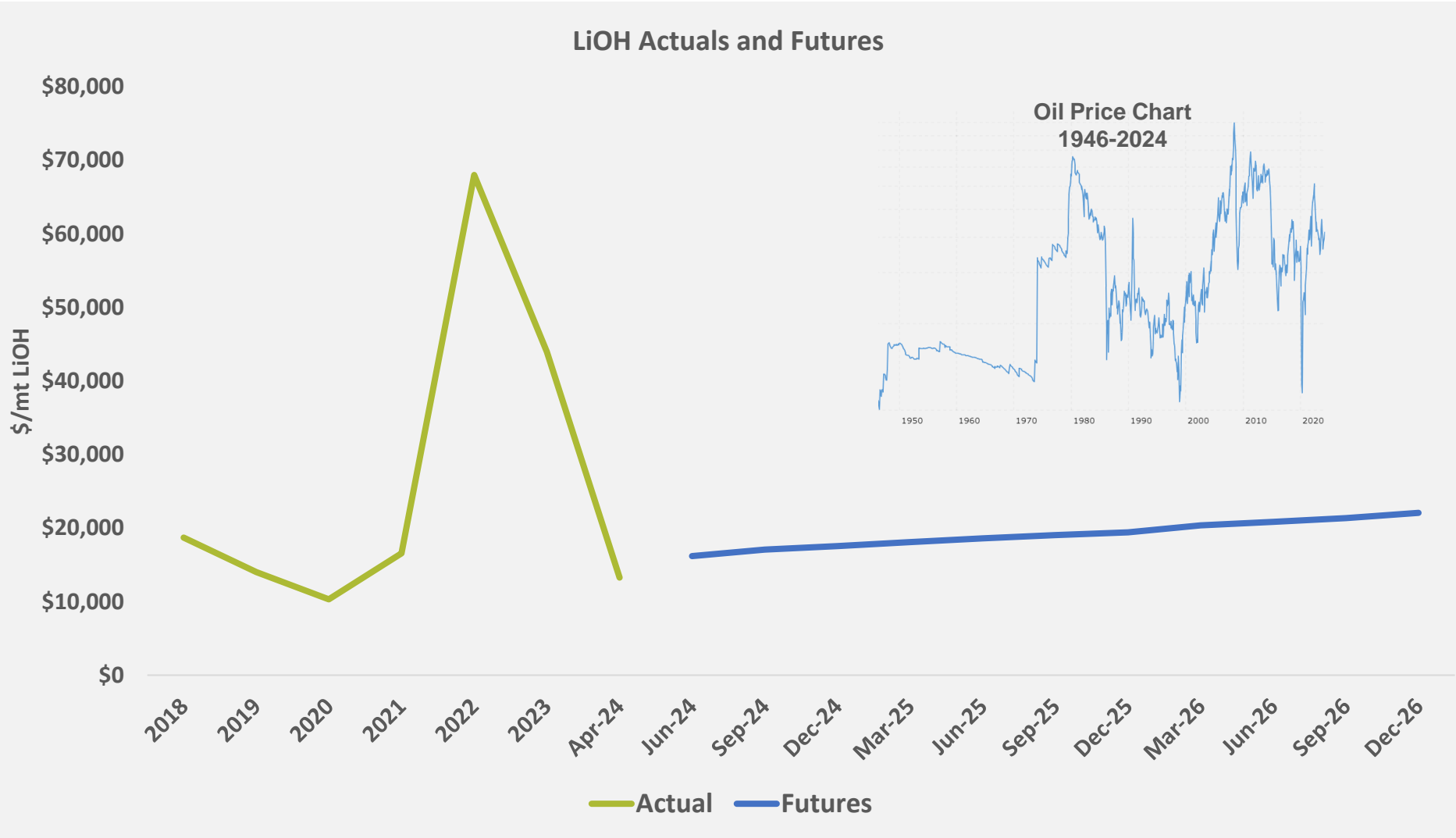


# CHART VIII: SPODUMENE PRICES: WHAT IS IN THE PLAN?





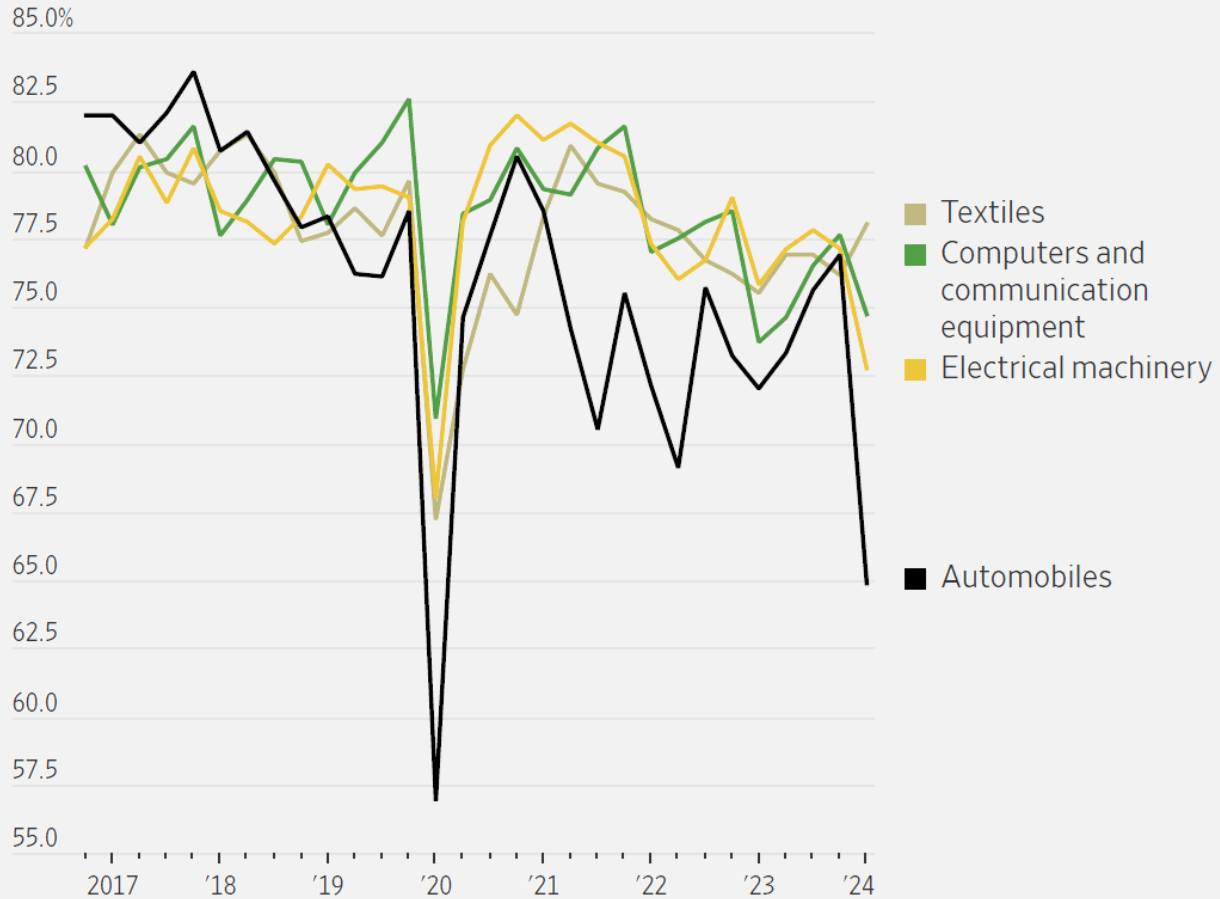
# CHART IX: CONSENSUS VIEW OF THE FORWARD LITHIUM PRICE (SIMPLIFIED)



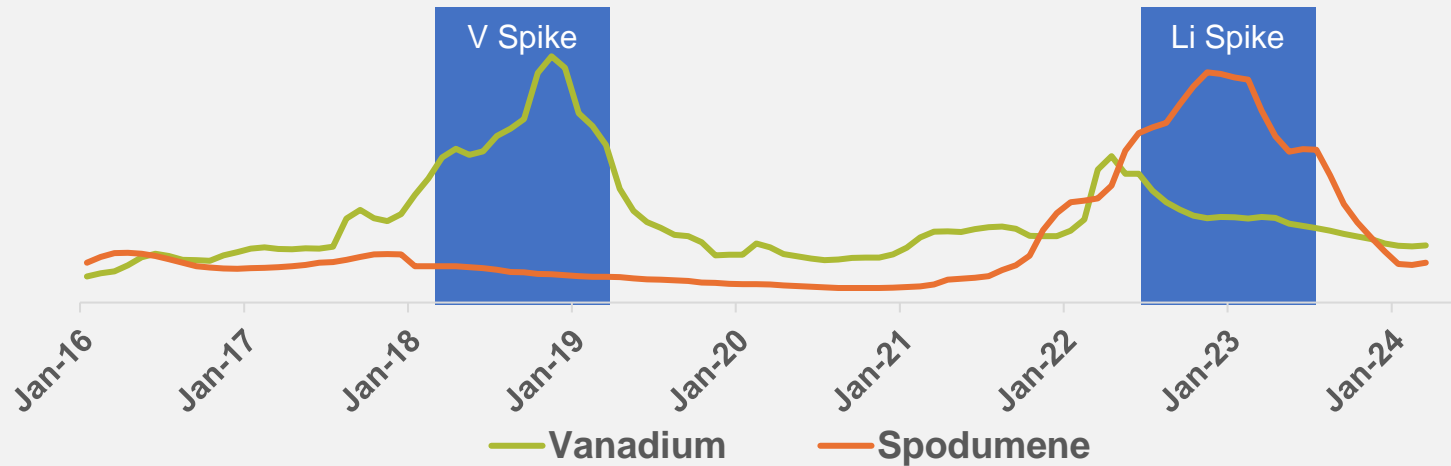
Futures source: Chicago Mercantile Exchange group

# CHART X: FACTORY CAPACITY UTILIZATION IN CHINA

Factory capacity utilization in China

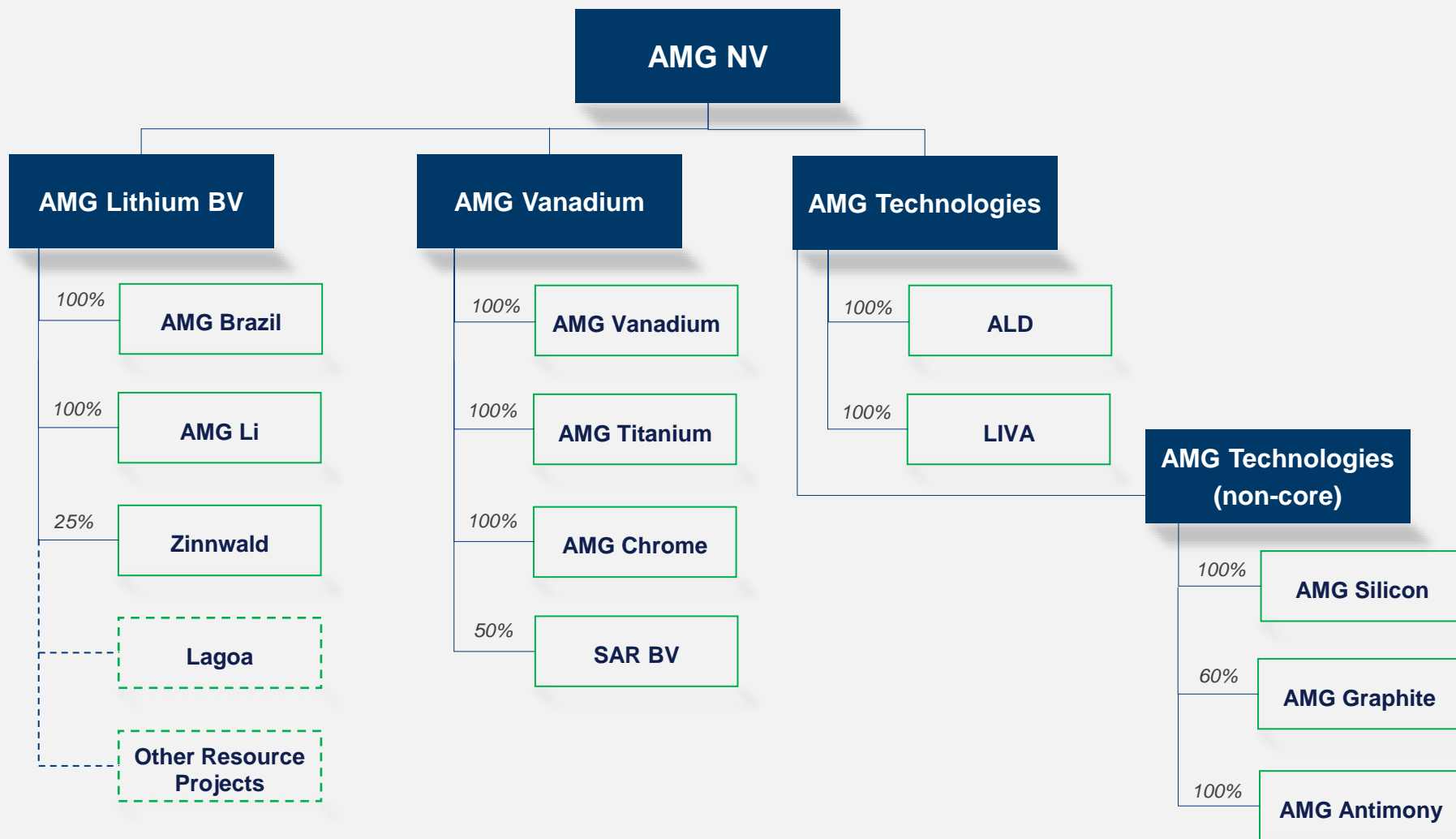


# CHART XI: AMG'S SHARE PRICE - 2018 (VANADIUM SPIKE) VS 2023 (LITHIUM SPIKE)



	2018	2023
AMG Share Price (max)	€53	€54
Market Capitalization	€1.61B	€1.74B
AMG adj. EBITDA (\$M)	217	350
AMG Vanadium EBITDA (\$M)	166	81
AMG Lithium EBITDA (\$M)	6	237

# CHART XII: NEW CORPORATE ORGANIZATION



# CHART XIII: LEADERSHIP DYNAMICS

With the appointments of Ms. Ceccarelli (2014), Ms. Roby (2023), and Ms. Bottenbruch (2024), AMG now has 3 female Supervisory Board Members (43% of total)



Donatella Ceccarelli



Anne Roby



Dagmar Bottenbruch

With this AGM, Mr. Connor will join AMG's Management Board as the 4<sup>th</sup> member responsible for Corporate Development



Michael Connor

## Lithium



Dr. Stefan Scherer



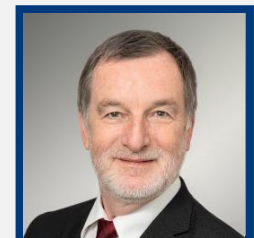
Fabiano Costa

## Vanadium



Tom Centa

## Technologies



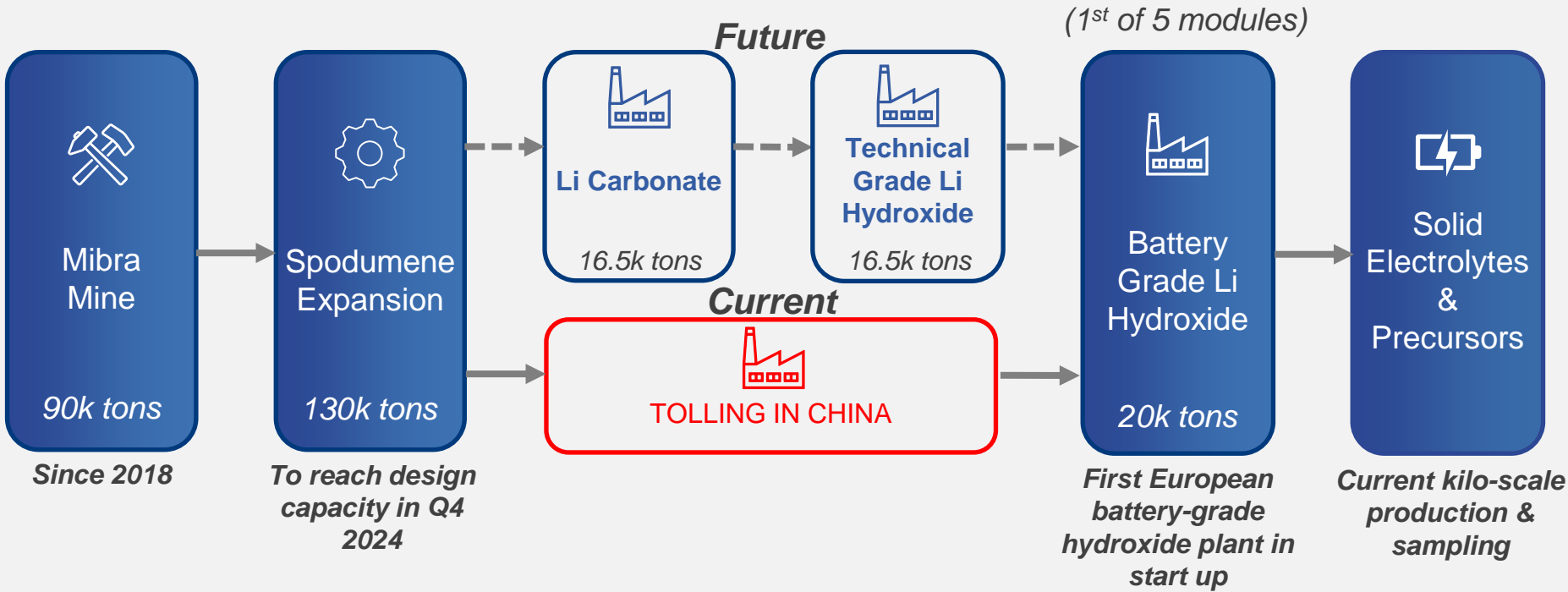
Michael Hohmann

AMG welcomes its entity CEO appointees, Dr. Scherer, Mr. Costa, Mr. Centa and Mr. Hohmann

# CHART XIV: AMG LITHIUM BV – VALUE CHAIN

## Upstream – Brazil

## Downstream – Germany



From mining through to next generation lithium products

# CHART XV: SP 1+

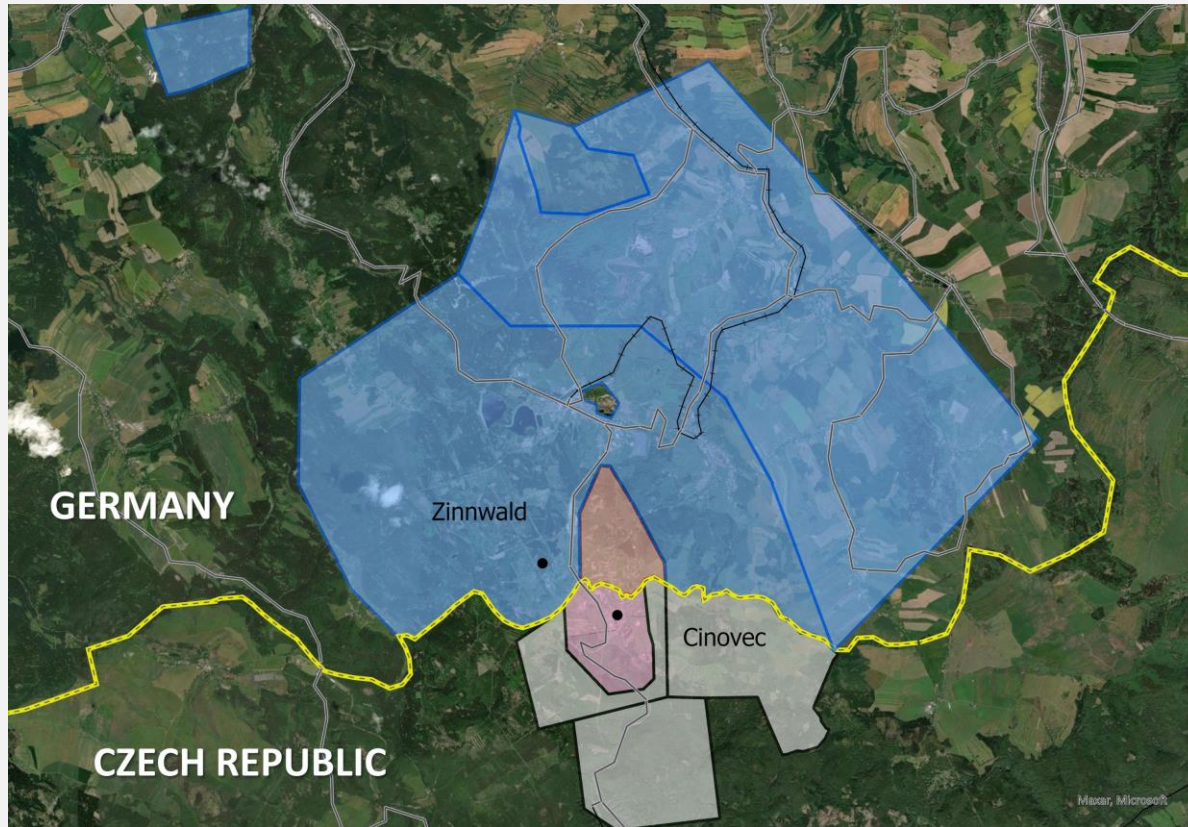


# CHART XVI: BITTERFELD – EUROPE’S FIRST LI REFINERY





## CHART XVII: ZINNWALD RESOURCE



- Zinnwald (German Deposit)
  - 193.5 Mt Ore
  - 2.2 Mt LCE
- Cinovec (Czech Republic Deposit)
  - 413.4 Mt Ore
  - 4.5 Mt LCE

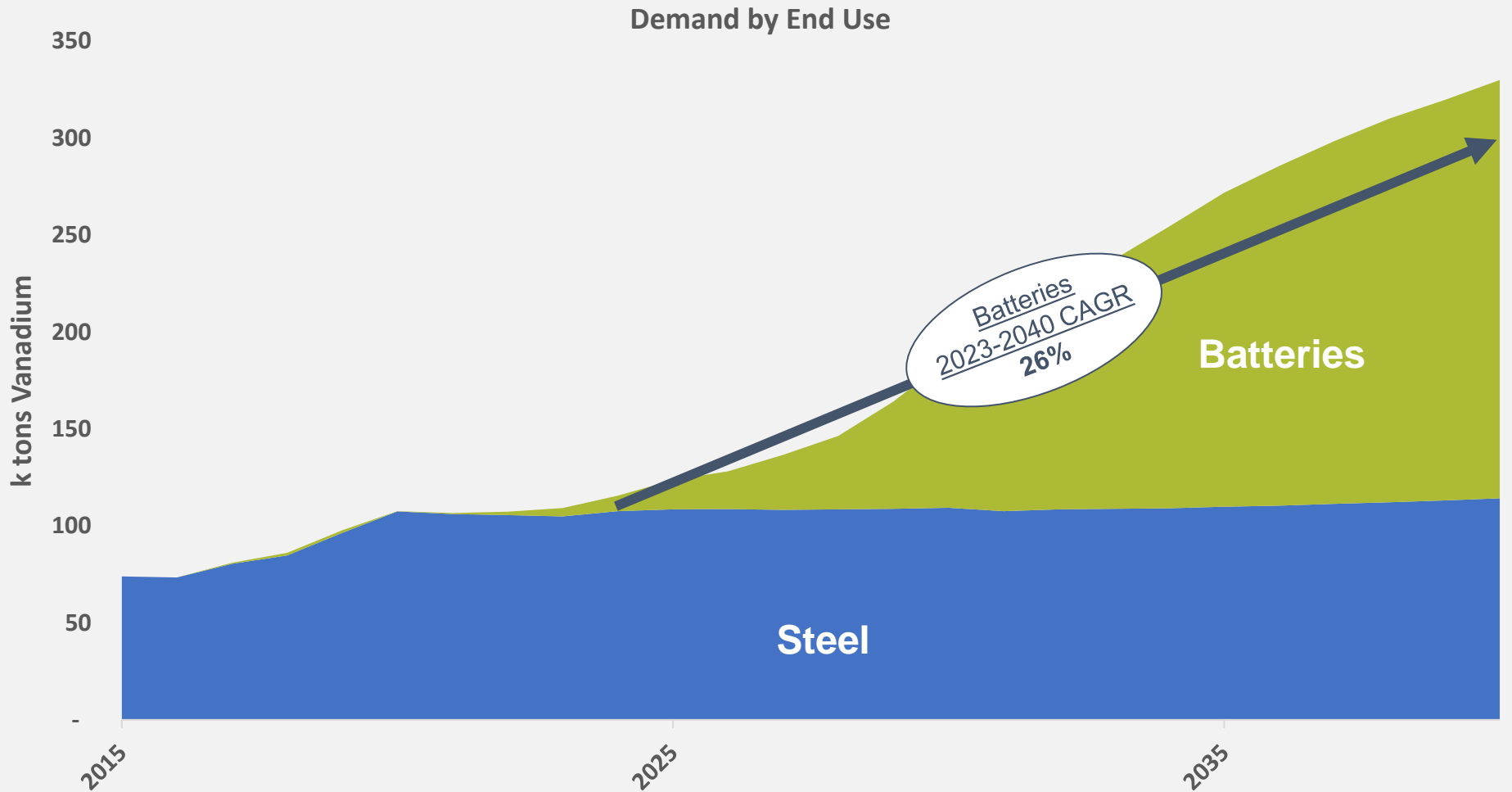
\* Values based on Measured & Indicated resources

Among the largest undeveloped lithium resource in Europe within trucking distance from Bitterfeld refinery

# CHART XVIII: ZANESVILLE (OHIO)



# CHART XIX: GROWTH OF VANADIUM DEMAND - STEEL AND BATTERIES



Source: CRU

# CHART XX: RECYCLING VS MINING: AMG VANADIUM'S COST AND CO<sub>2</sub> ADVANTAGE




Revenue

2023



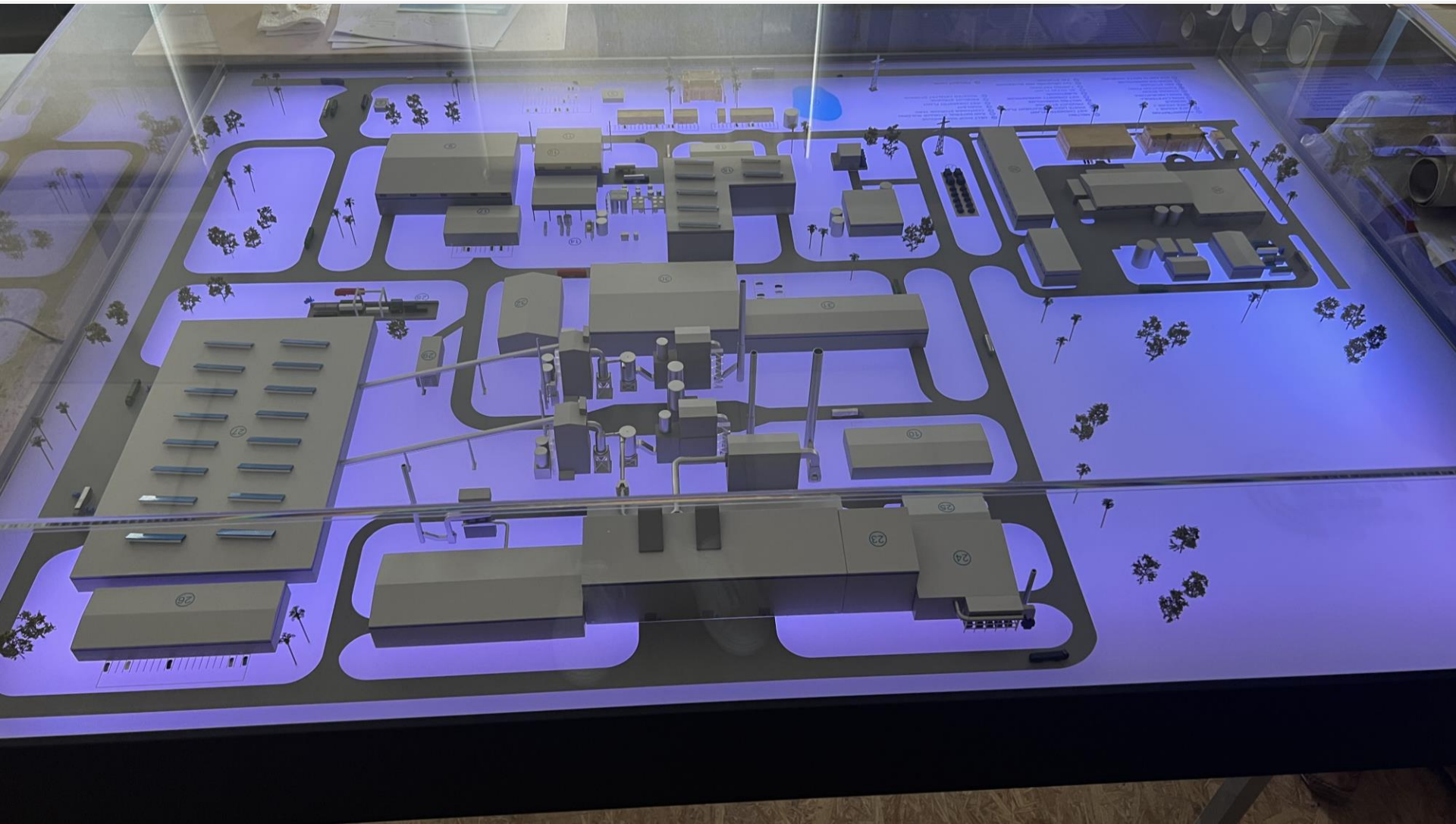
EBITDA

 AMG Vanadium saves over 50 mt CO<sub>2</sub> per ton of vanadium produced compared to Primary Producer

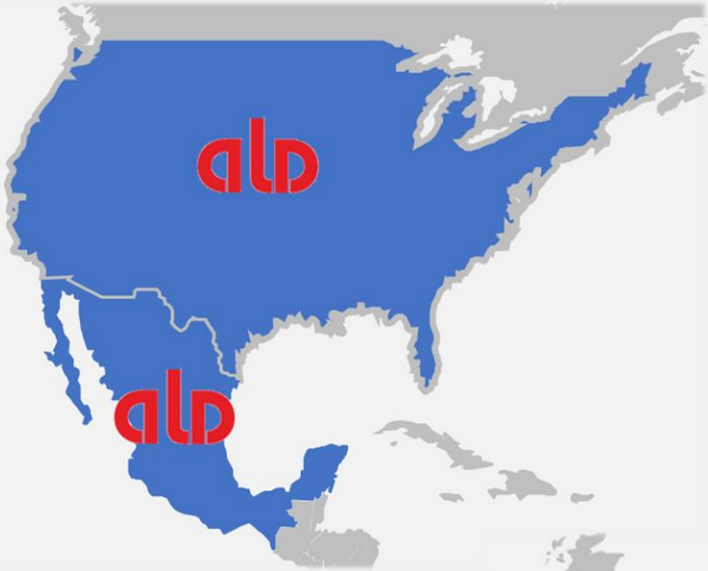
# CHART XXI: VANADIUM ELECTROLYTES NUREMBERG



# CHART XXII: THE SHELL AMG PROJECT IN THE KINGDOM OF SAUDI ARABIA



# CHART XXIII: ALD MARKET PRESENCE

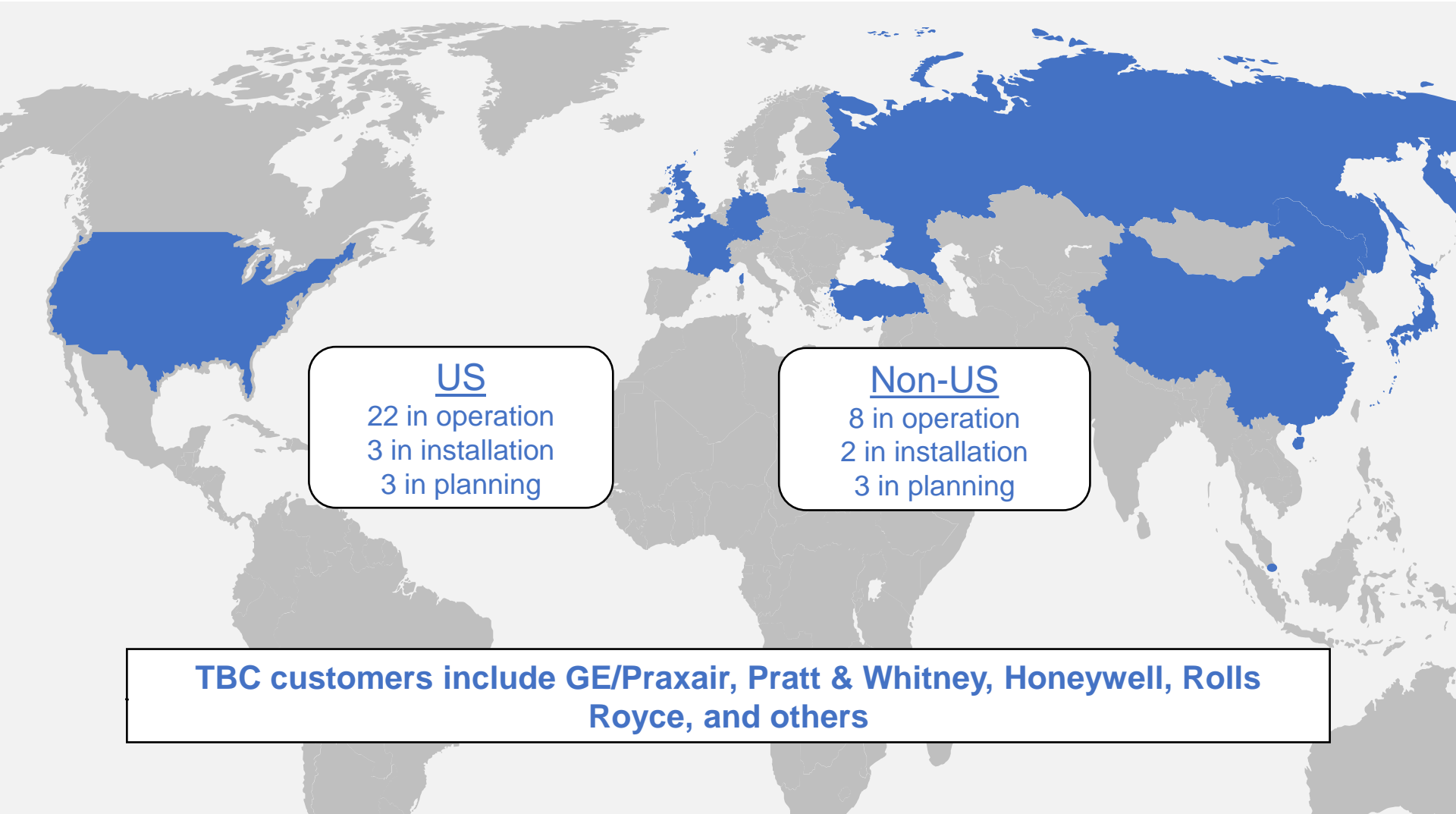


# CHART XXIV: A TYPICAL ALD PRODUCT - EB FURNACE FOR TITANIUM AEROSPACE ALLOYS



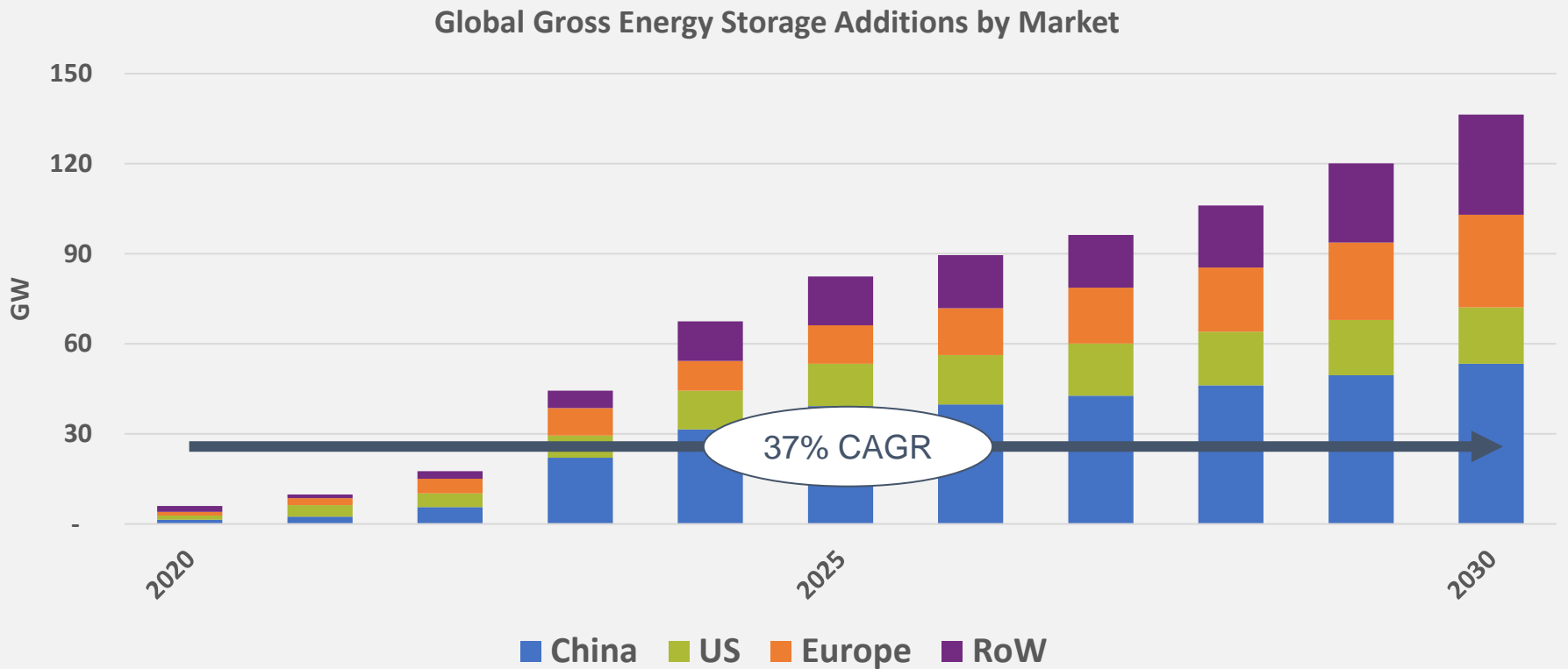


# CHART XXV: THERMAL BARRIER COATING (TBC) MARKET LEADERSHIP



**TBC customers include GE/Praxair, Pratt & Whitney, Honeywell, Rolls Royce, and others**

# CHART XXVI: GLOBAL NEED TO MULTIPLY ELECTRICITY STORAGE CAPACITY

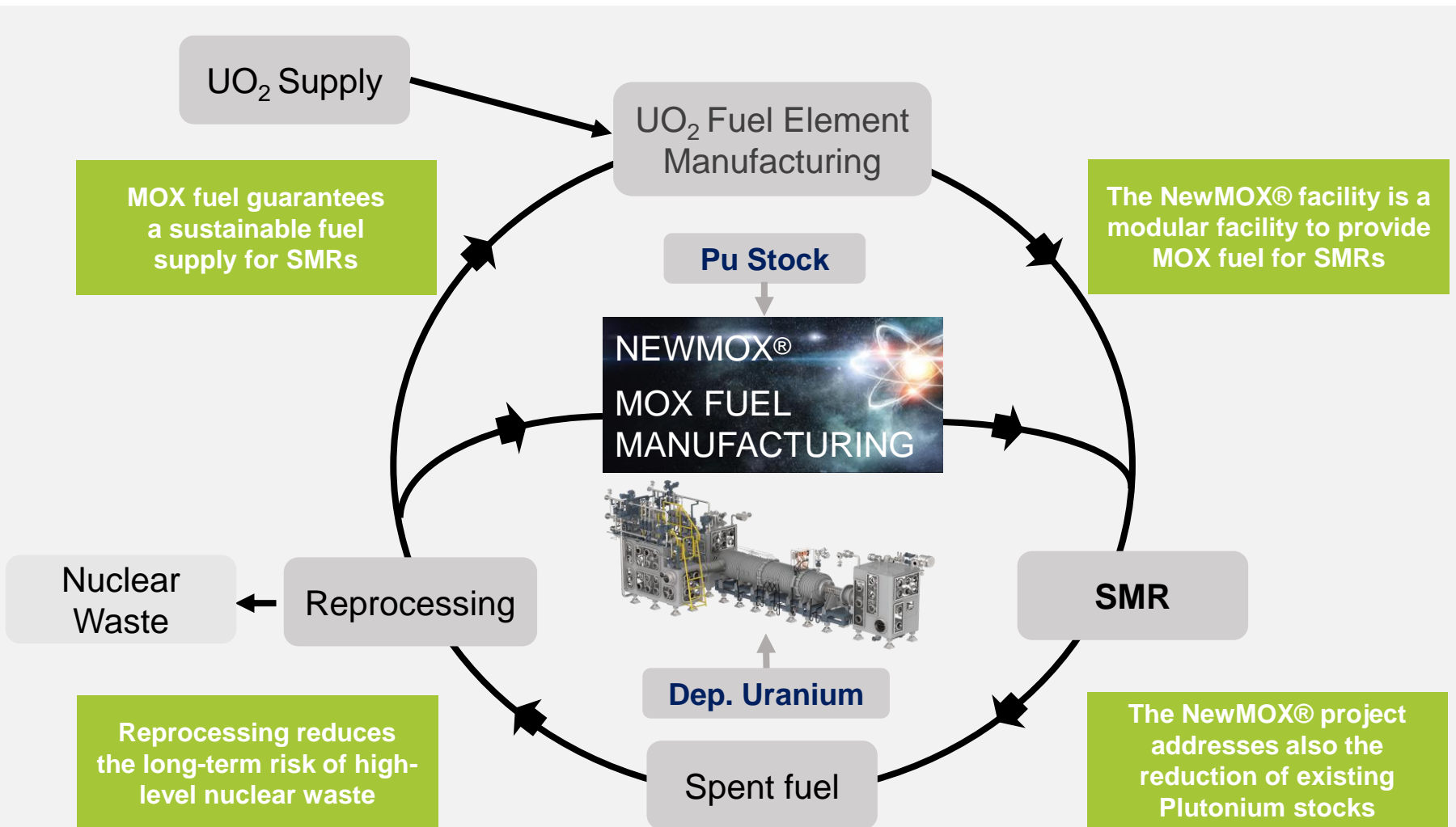


**Energy storage additions came in at nearly a three-fold increase from a year ago and the largest year-on-year jump on record**

# CHART XXVII: LIVA



# CHART XXVIII: NEWMOX: THE NUCLEAR FUEL CYCLE



## CHART XXIX: STRATEGY BASED ON FIRST MOVER INNOVATIONS

### AMG Lithium

- Spodumene Plant from Tantalum
- First European BG Lithium Hydroxide Refinery

### AMG Vanadium

- Zanesville Plant (defining world leadership)
- Gasification Ash into Vanadium Electrolyte
  - KSA SuperCenter Project (follow-on)

### AMG Technologies

- First LIVA Battery
- Commercialization of NewMOX technology