

THE TECHNOLOGY OF ENERGY SAVING

CEO Presentation | Annual General Meeting May 2025



AMG CRITICAL MATERIALS N.V.

Thermal Barrier Coating for aerospace turbine blades. ALD Vacuum Technologies GmbH (Hanau, Germany)

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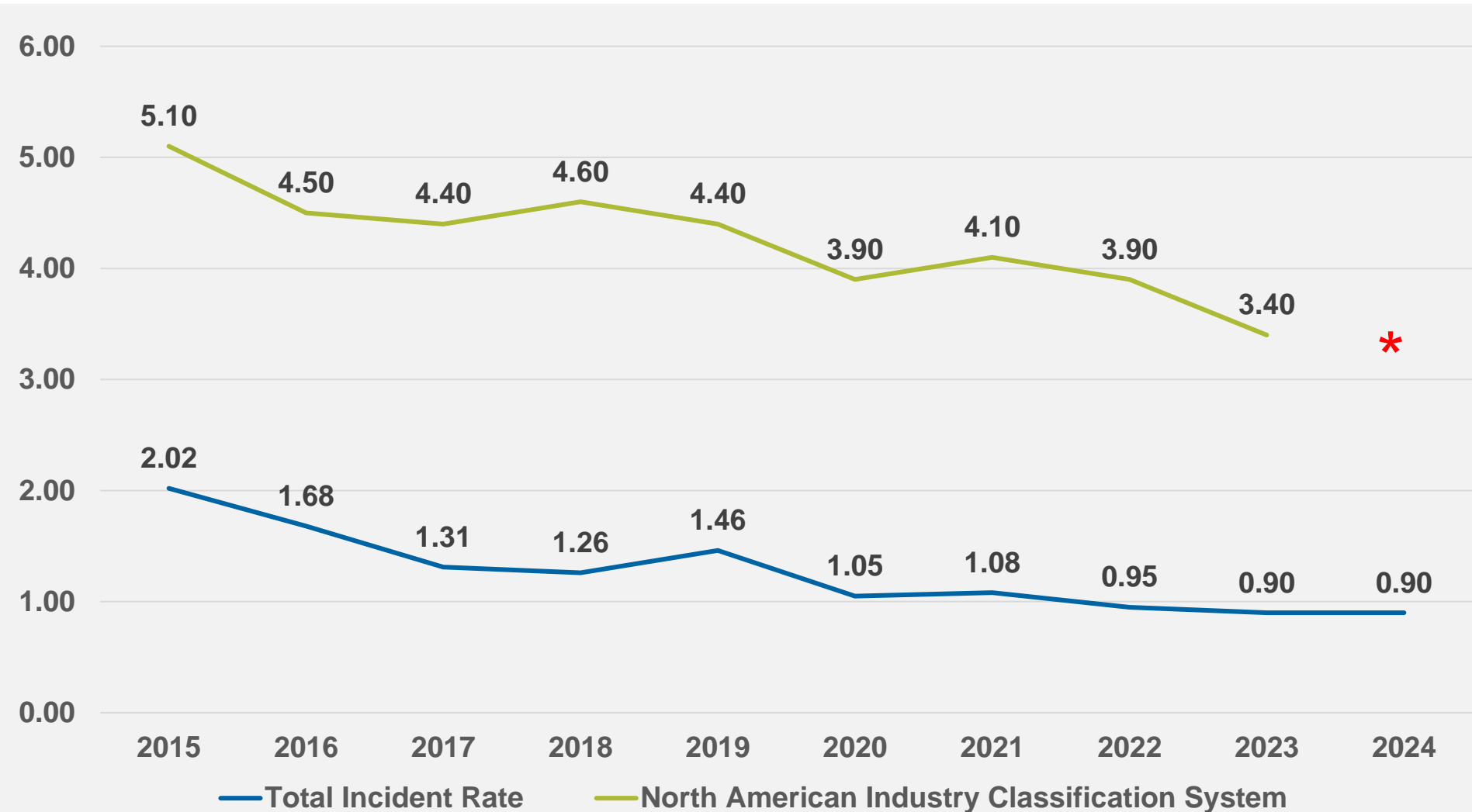
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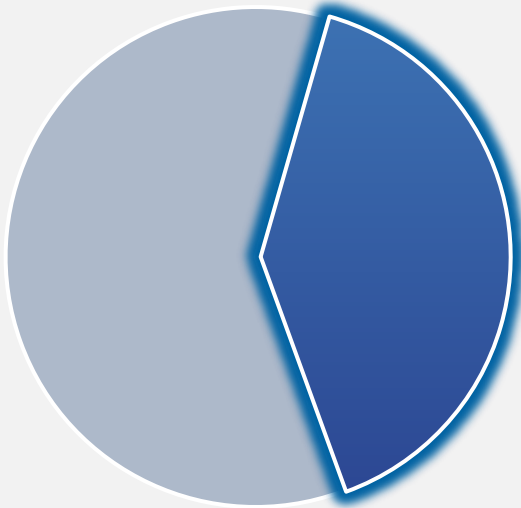


CHART I: SAFETY PERFORMANCE AT AMG OVER THE LAST 10 YEARS



*2024 not published yet

CHART II: ZERO INCIDENT PERFORMANCE IS ACHIEVABLE



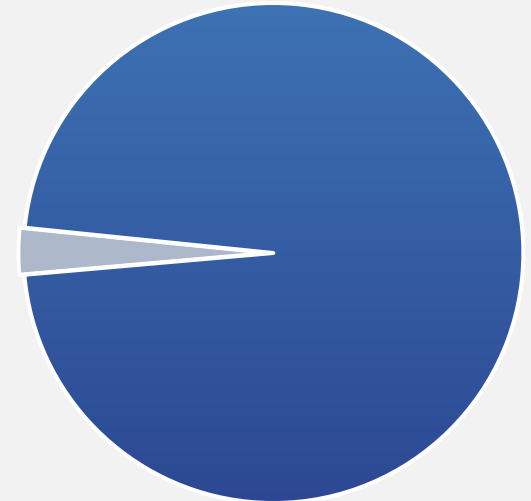
40%

5+ years since last
lost time incident



Record

11.6 years without
lost time incident
record held by AMG
Engineering India

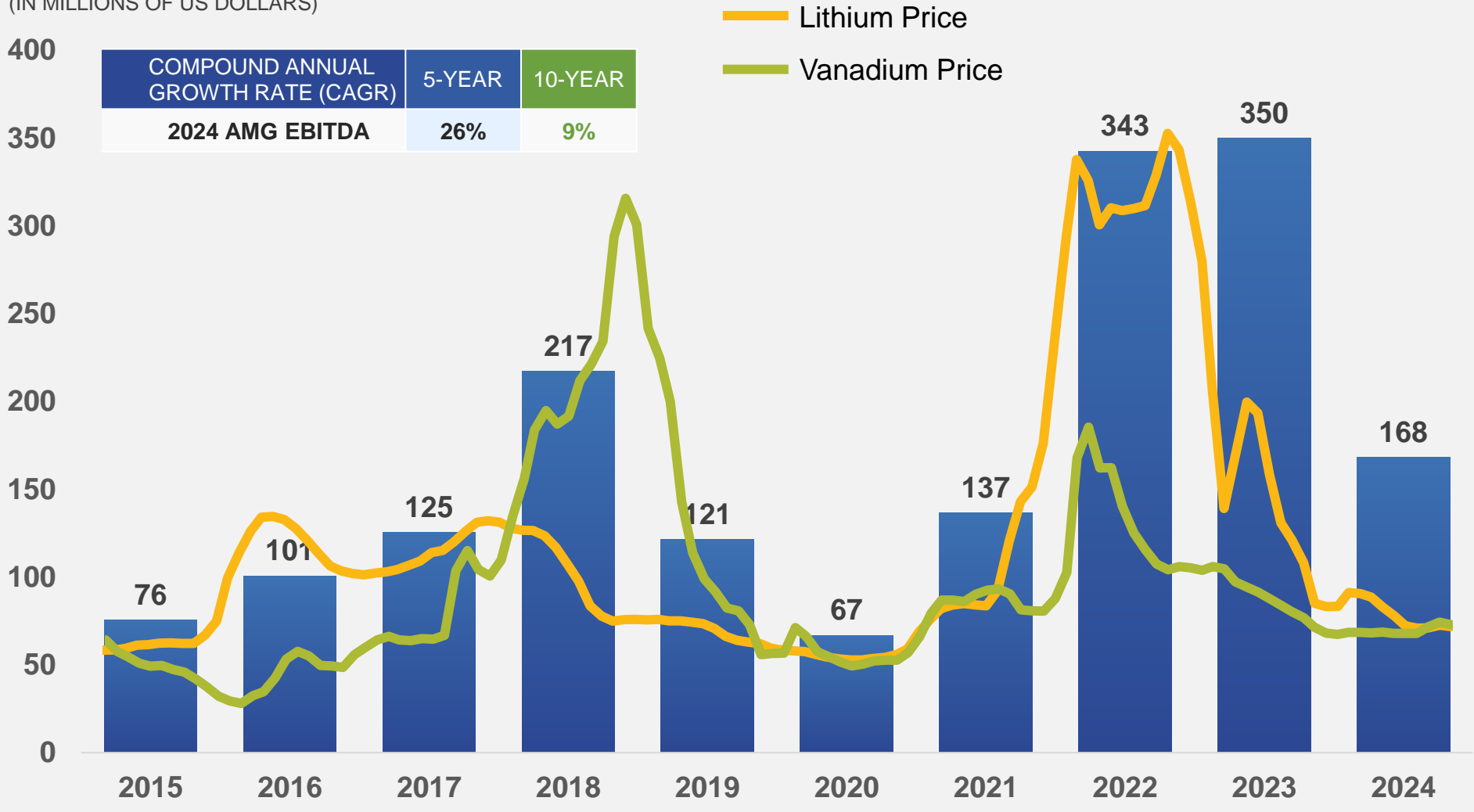


97%

1+ year without lost
time incident in past
5 years

CHART III: 10-YEAR ADJUSTED EBITDA, LITHIUM AND VANADIUM PRICES

(IN MILLIONS OF US DOLLARS)



COMPOUND ANNUAL GROWTH RATE (CAGR)	5-YEAR	10-YEAR
2024 AMG EBITDA	26%	9%

— Lithium Price
— Vanadium Price

CHART IV: AMG SHARE PRICE VS. LITHIUM PRICES, LITHIUM PEER AND VANADIUM PEER

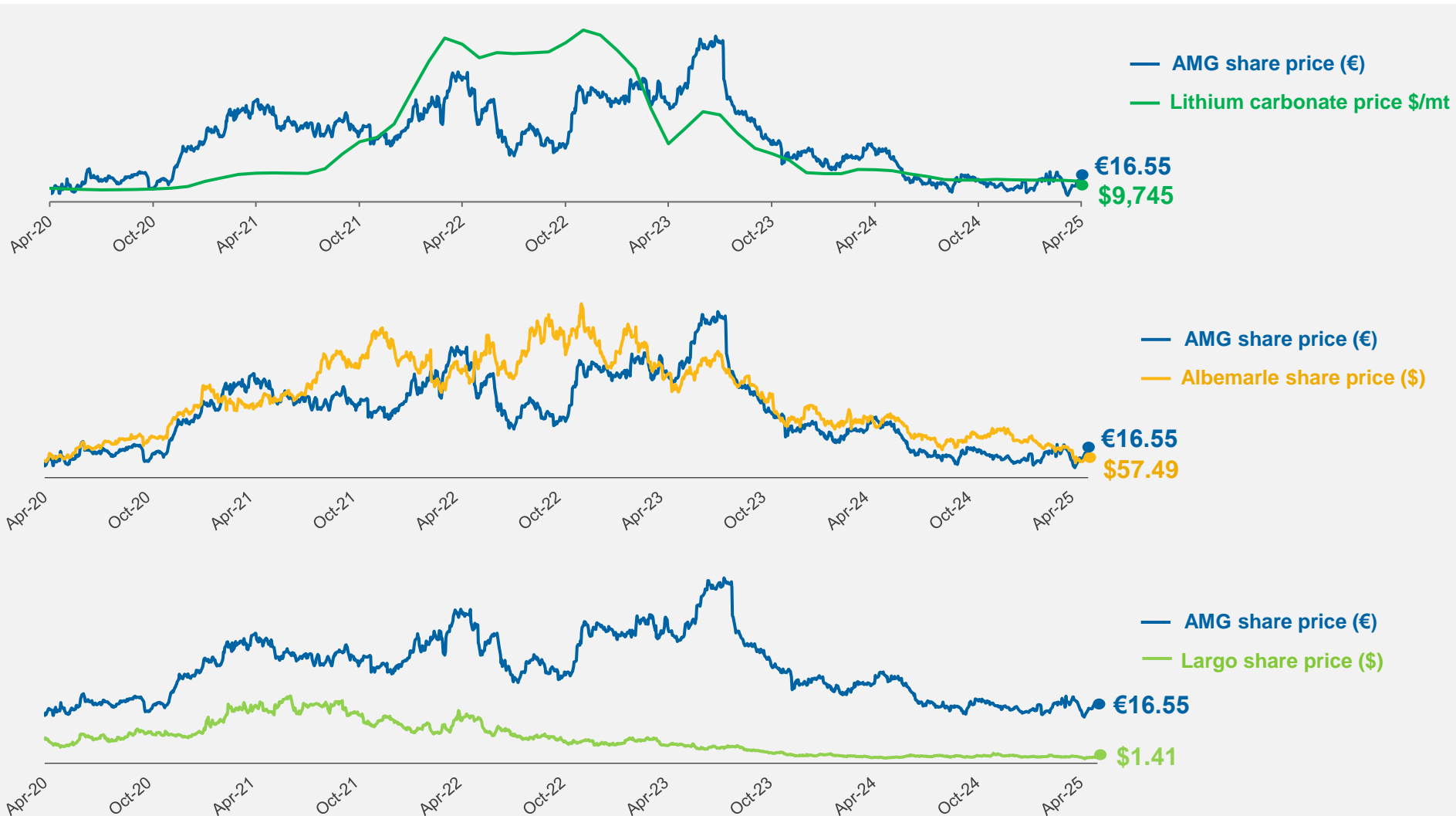
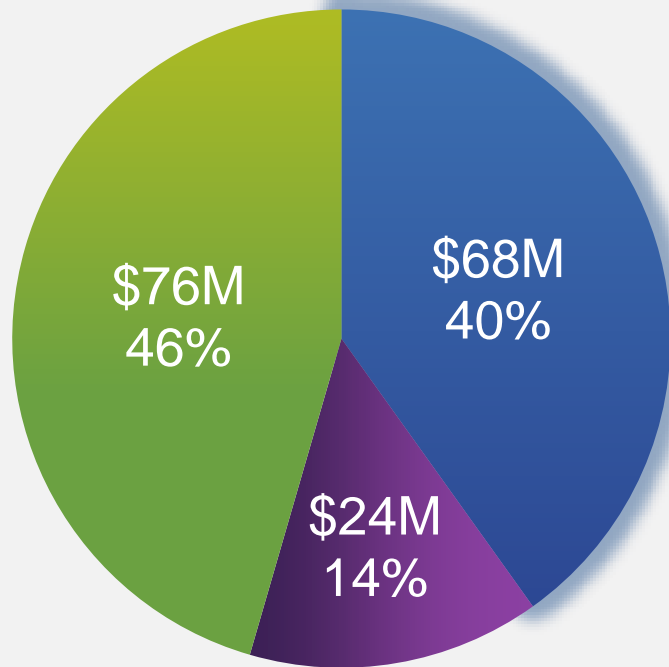


CHART V: STRONG PERFORMANCE FROM AMG TECHNOLOGIES

2024 EBITDA



■ AMG Technologies ■ AMG Lithium
■ AMG Vanadium

Key Highlights

- 💰 \$68M EBITDA (40% of AMG's total) in 2024
- ✈️ Record performance at AMG Engineering
- 🌐 Outstanding AMG Antimony results

CHART VI: AMG ENGINEERING 5-YEAR ORDER INTAKE

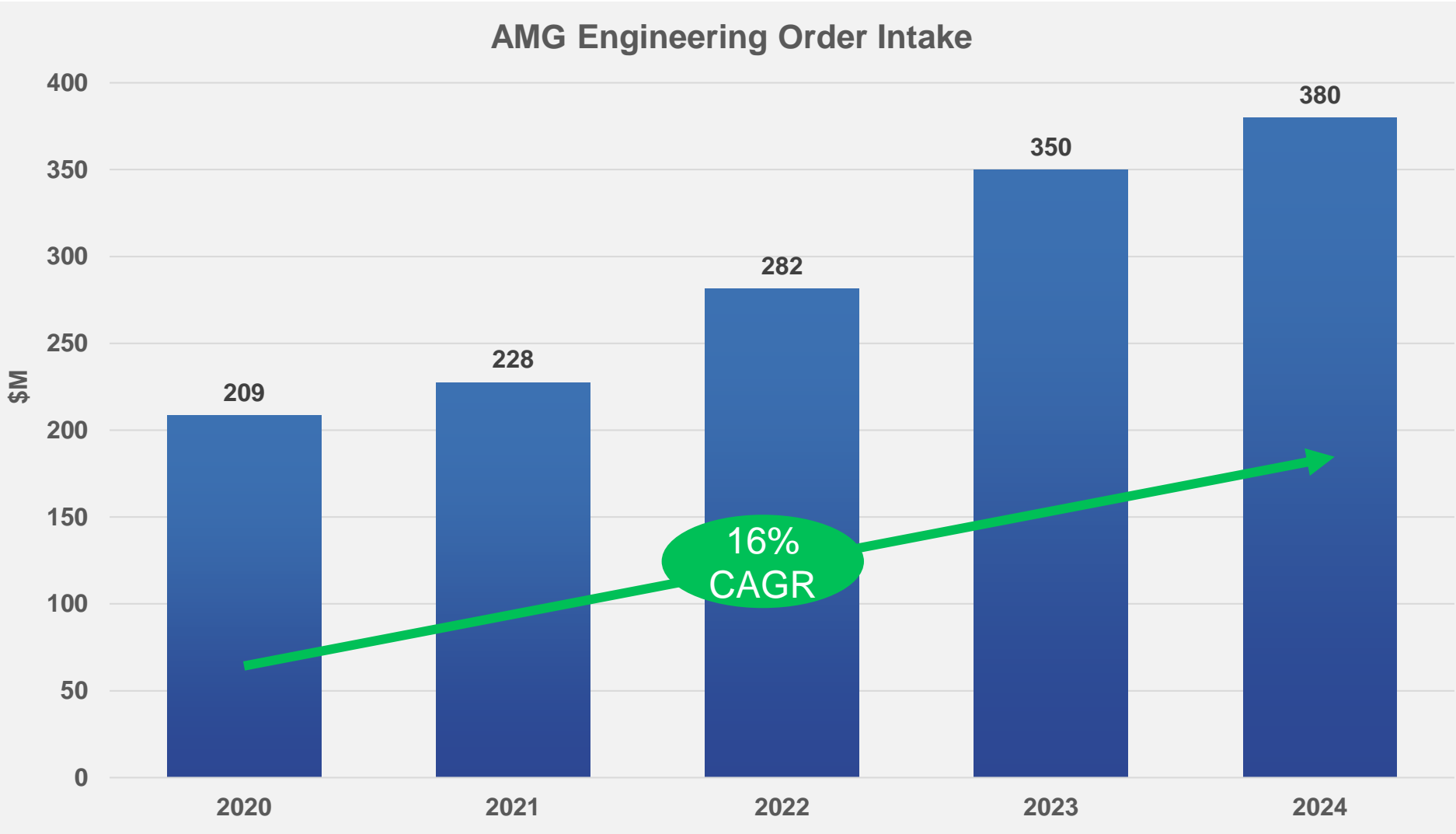
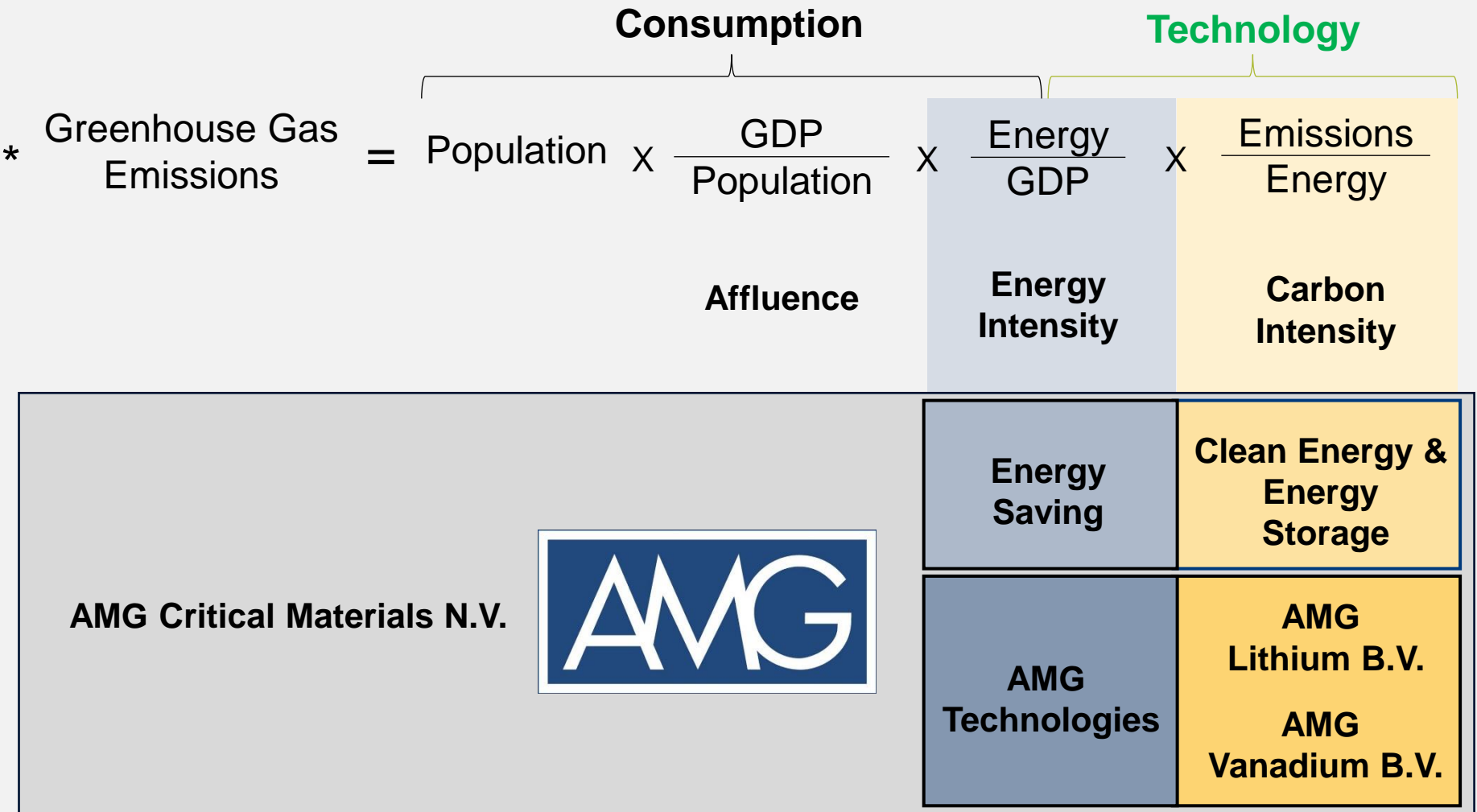


CHART VII: THE TECHNOLOGY OF ENERGY SAVING

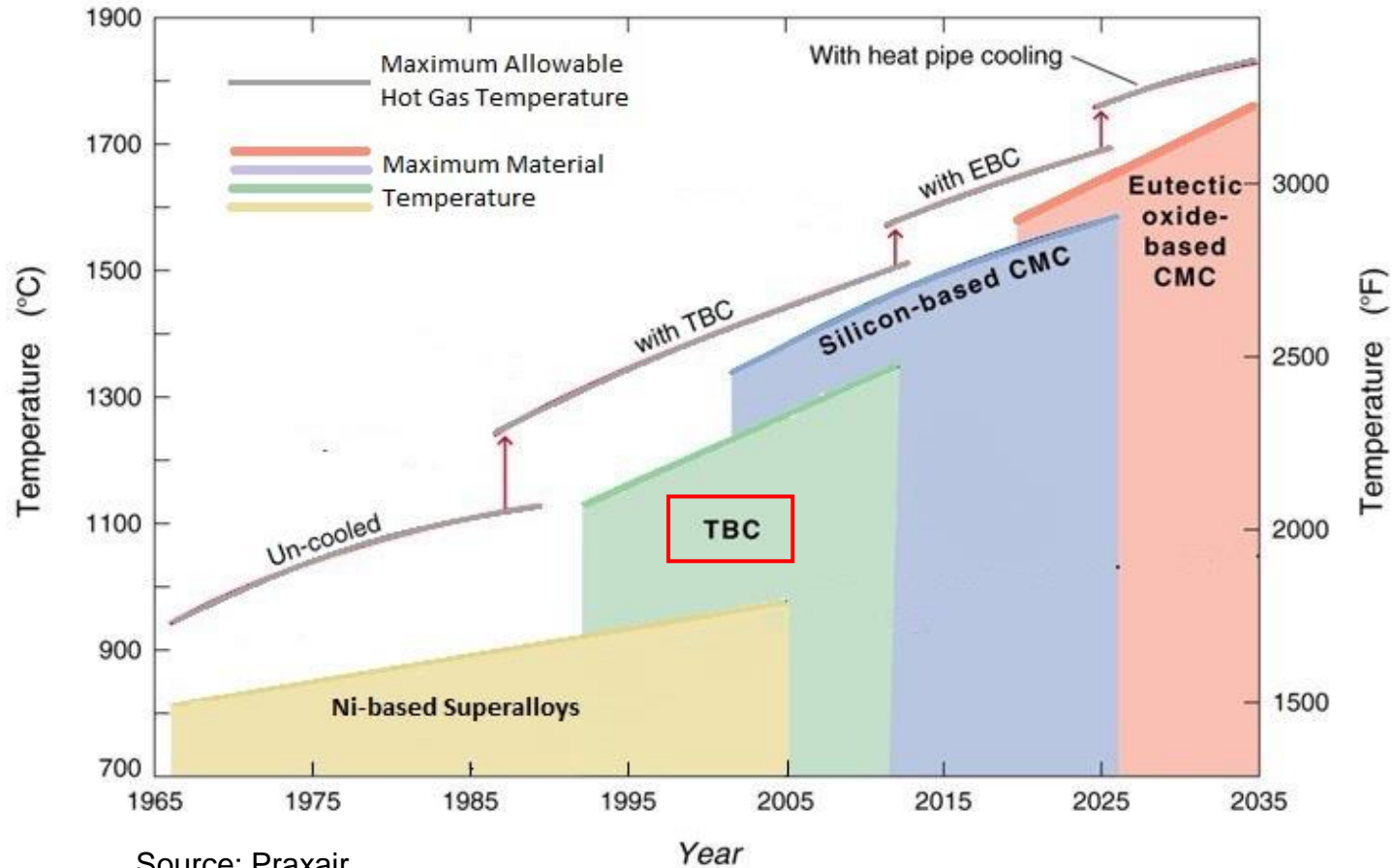


*Kaya Identity

CHART VIII: THERMAL BARRIER COATING (TBC)

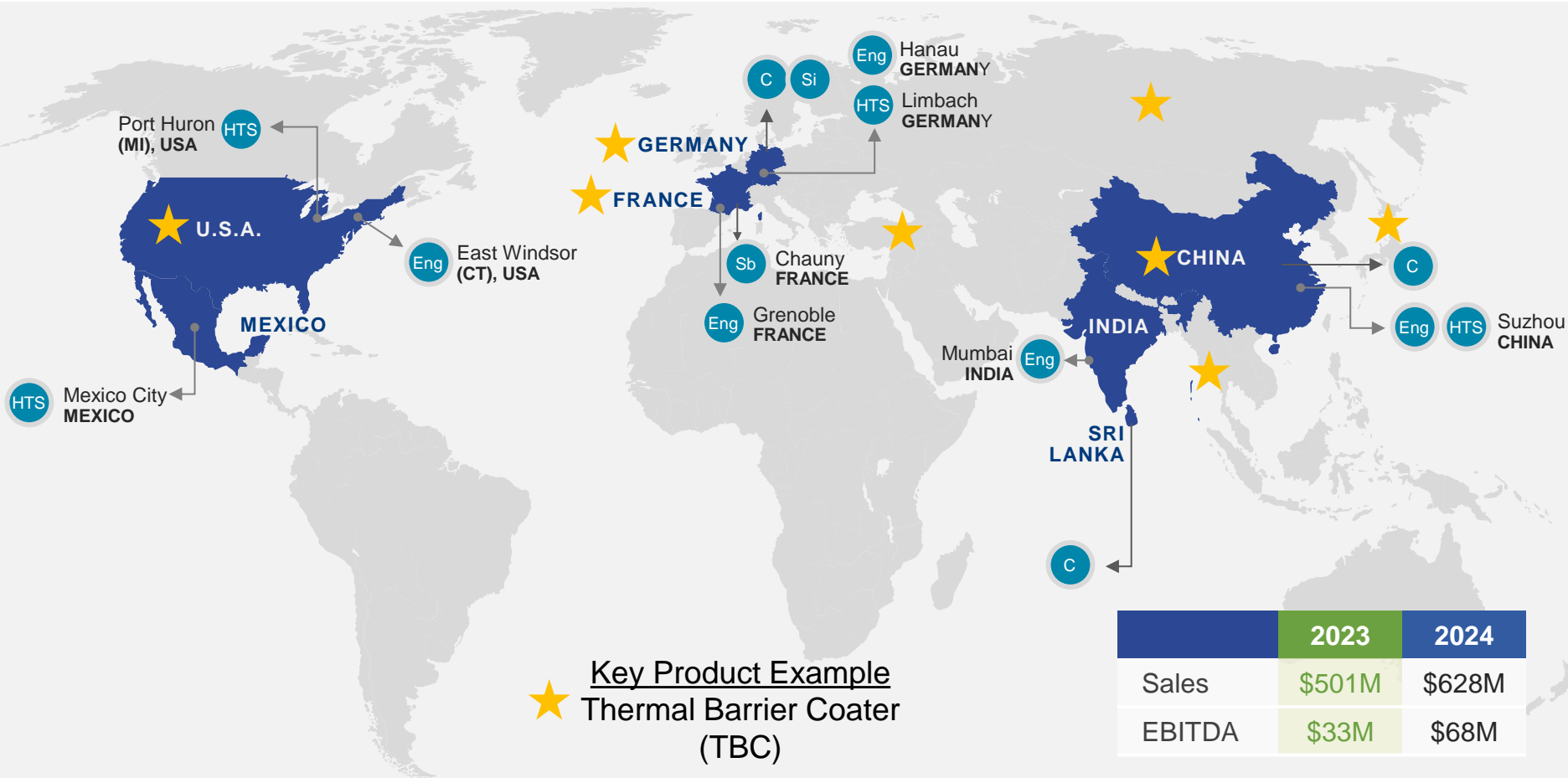


CHART IX: THERMAL BARRIER COATING (TBC) – THE HISTORY AND THE FUTURE



Source: Praxair

CHART X: THE GLOBAL FOOTPRINT OF AMG TECHNOLOGIES



TECHNOLOGIES

- Eng Engineering
- Sb Antimony
- C Natural Graphite
- Si Silicon Metal
- HTS Heat Treatment Services

CHART XI: THE NEWMOX INITIATIVE

AMG is the leader in Mixed Oxide (MOX) technology

The latest plant was built in China in 2024

MOX Formula

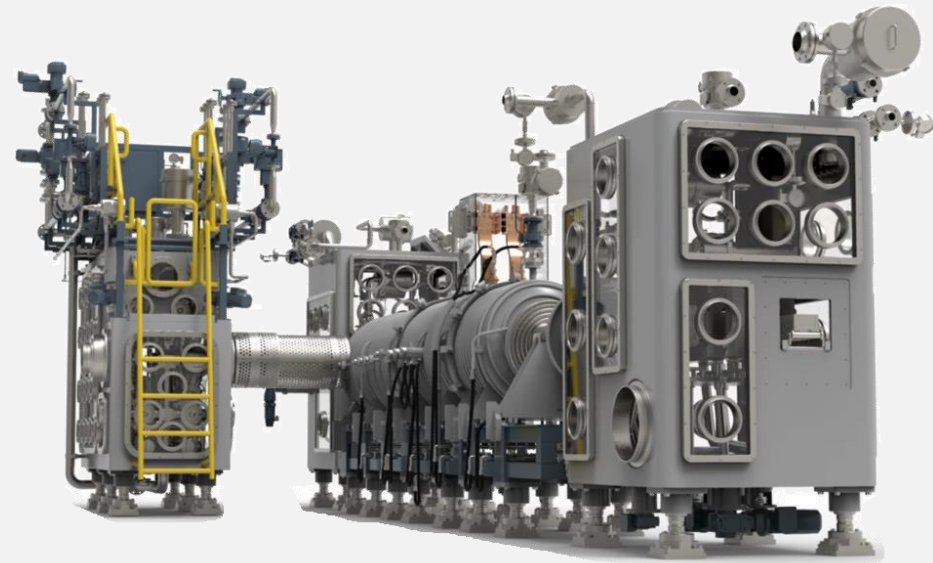


Uranium oxide: UO_2

Plutonium oxide: PuO_2

X: the relative fraction of plutonium

MOX is produced by mixing UO_2 and PuO_2 powder and forming the mixed oxide into a mixed crystal through the sintering process.

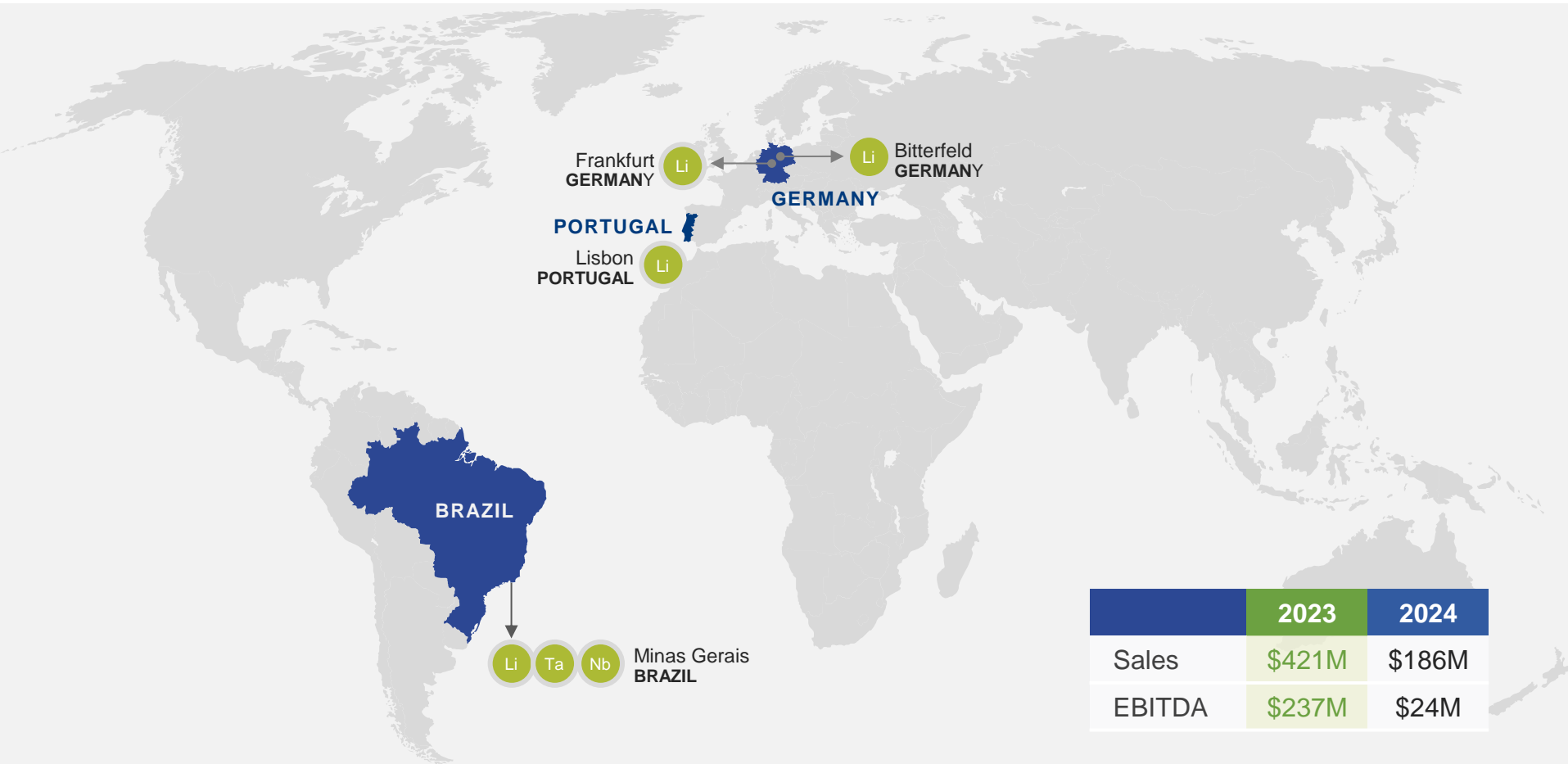


New MOX

CHART XII: AMG'S STRATEGY – 3 TRANSFORMATIONAL INITIATIVES

- 1 Create the leading transatlantic lithium company**
- 2 Create the world's number one vanadium circular company**
- 3 Respond to the enormous global demand of stationary batteries with LIVA**

CHART XIII: THE AMG LITHIUM B.V. VALUE CHAIN (HIGHWAY)



LITHIUM

- Li Lithium
- Ta Tantalum
- Nb Niobium
- Li BG Lithium Hydroxide

CHART XIV: AMG LITHIUM BITTERFELD REFINERY



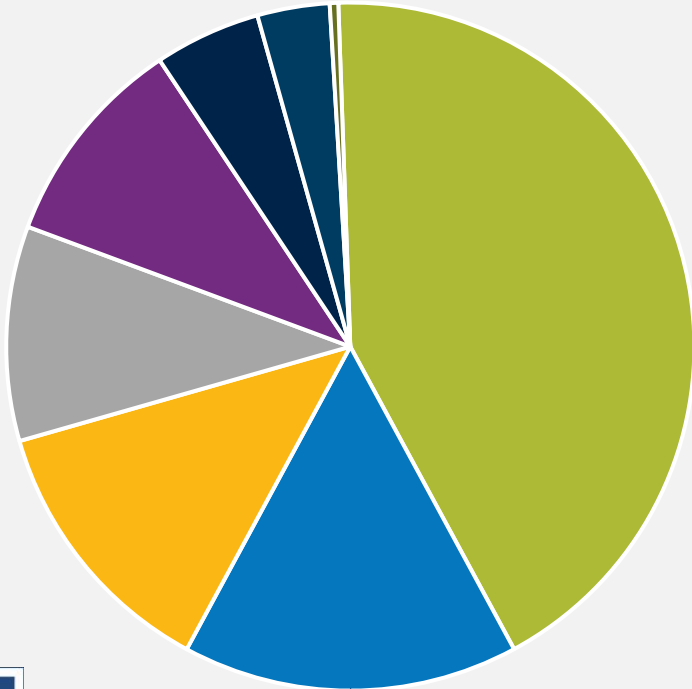
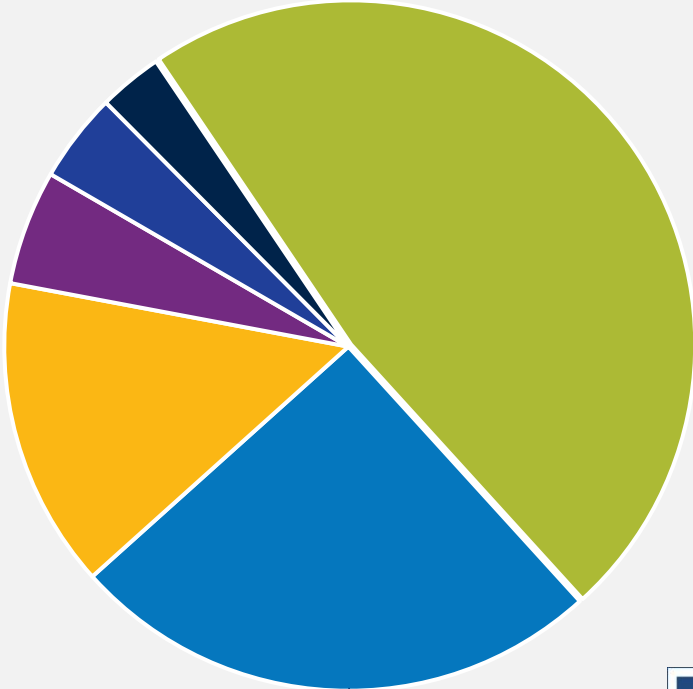
CHART XV: MIBRA MINE EXPANSION



CHART XVI: ZINNWALD AND SAVANNAH

Zinnwald Ownership

Savannah Resources Ownership

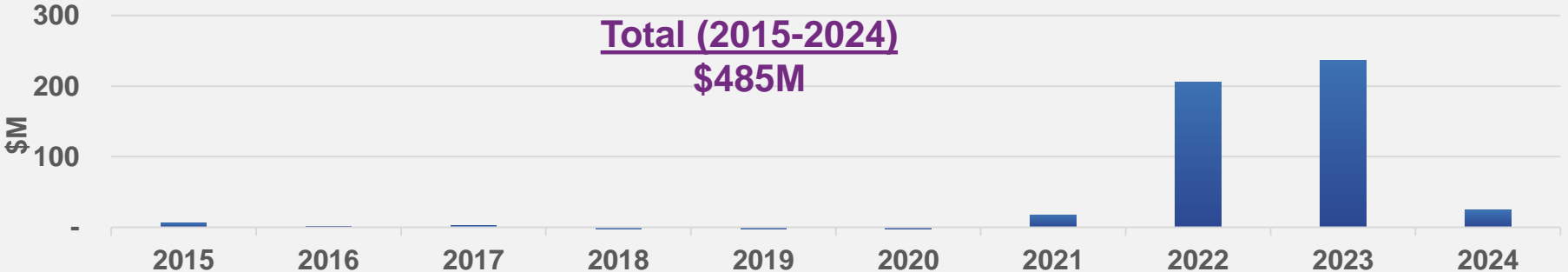


Largest Individual Shareholder

CHART XVII: AMG LITHIUM B.V.'S 10-YEAR STRATEGIC AND FINANCIAL TRAJECTORY



EBITDA



CAPEX

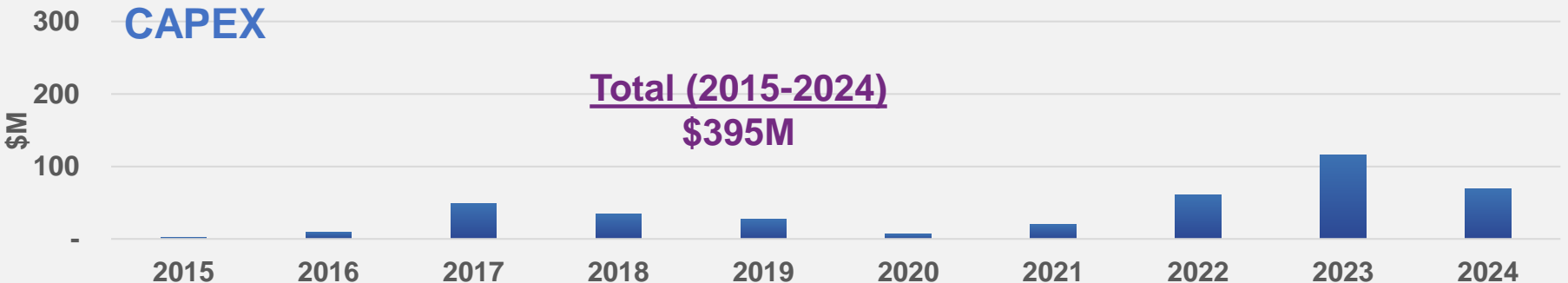
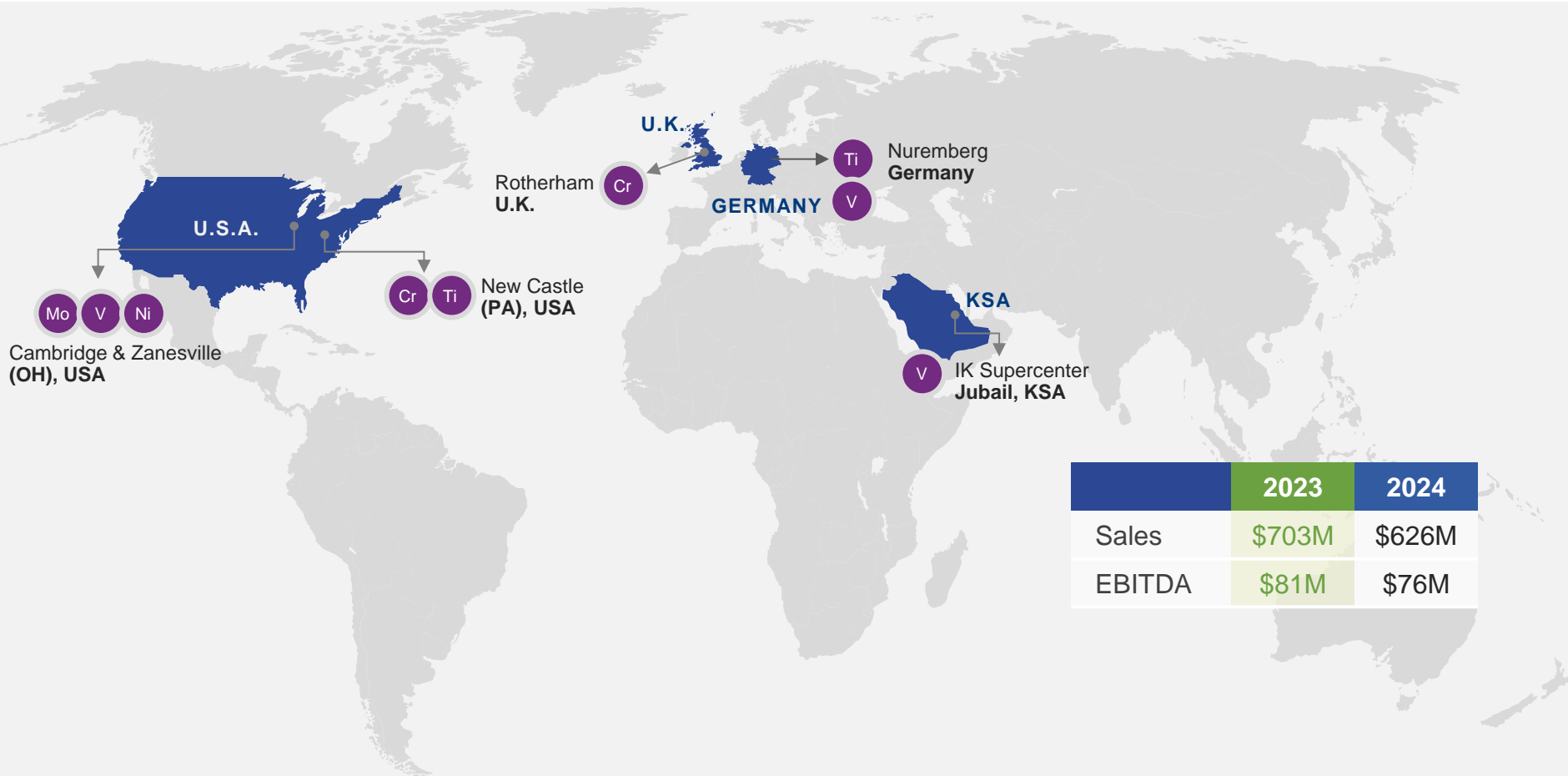


CHART XVIII: THE GLOBAL FOOTPRINT OF AMG VANADIUM B.V.



	2023	2024
Sales	\$703M	\$626M
EBITDA	\$81M	\$76M

VANADIUM

- V Ferrovandium
- Ti Titanium
- Cr Chromium Metal
- Mo Molybdenum
- Ni Nickel

CHART XIV: VANADIUM ELECTROLYTE PLANT

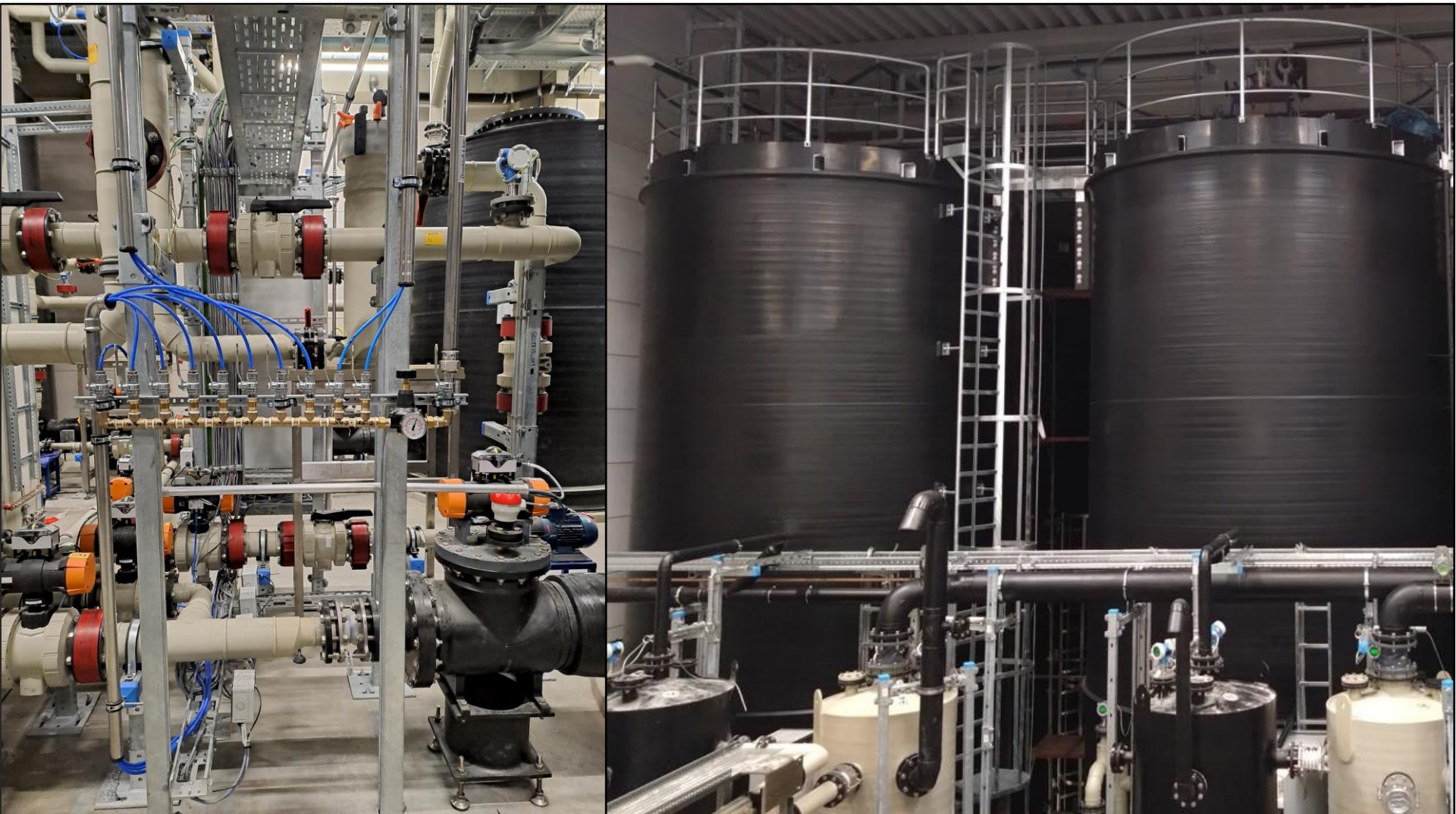


CHART XX: ZANESVILLE, OHIO



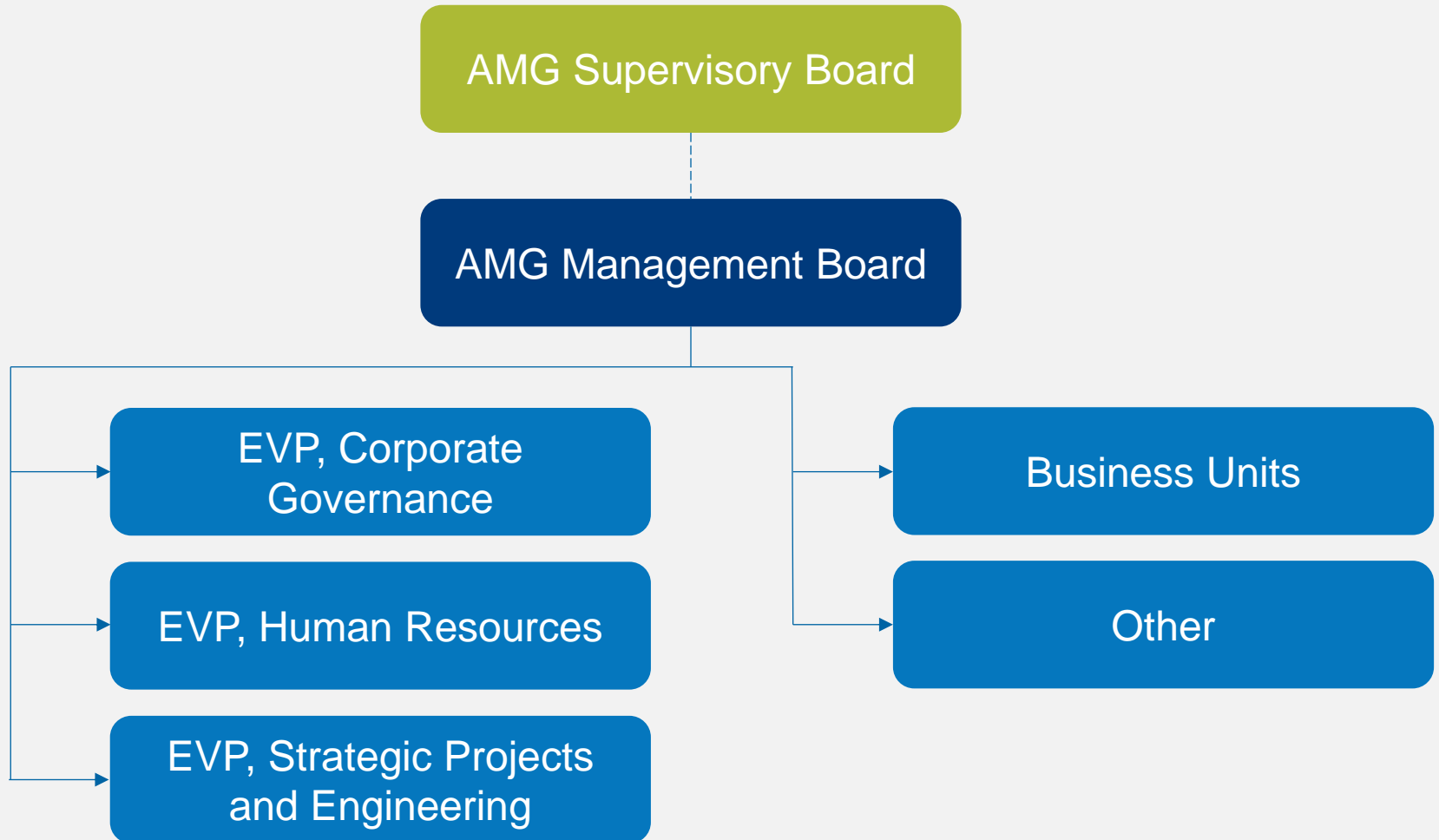
CHART XXI: SUPERCENTER – PHASE I



CHART XXII: AMG LIVA BATTERIES - WIPOTEC GMBH



CHART XXIII: ESG





LITHIUM LAB



LITHIUM HYDROXIDE – BITTERFELD, GERMANY



LIVA BATTERY



LI PROCESSING, AMG BRAZIL



TITANIUM



PLUTONIUM



TANTALUM, NIOBIUM, AND HAFNIUM



VANADIUM, MOLYBDENUM AND NICKEL – CAMBRIDGE, OHIO

This announcement appears as a matter of record.



AMG's LAW:

“Everything that can be recycled will be recycled.”

AMG Critical Materials N.V.

amg-nv.com



MINAS GERAIS – BRAZIL
LITHIUM TAILINGS



ENGINEERING – HANAU, GERMANY



MELTSHOP – ZANESVILLE, OHIO



V₂O₅



VANADIUM, MOLYBDENUM AND NICKEL
ZANESVILLE, OHIO