

TODAY'S AGENDA

1



Dr. Schimmelbusch *CEO - AMG*

AMG's Global Lithium Strategy 2



Mr. Costa
CEO – AMG Brazil

- ➤ Joined AMG in 2011
- Bachelor from UFMG, Master from UFRGS and Postgraduate Degree from the University Of Queensland

Upstream Growth Strategy 3



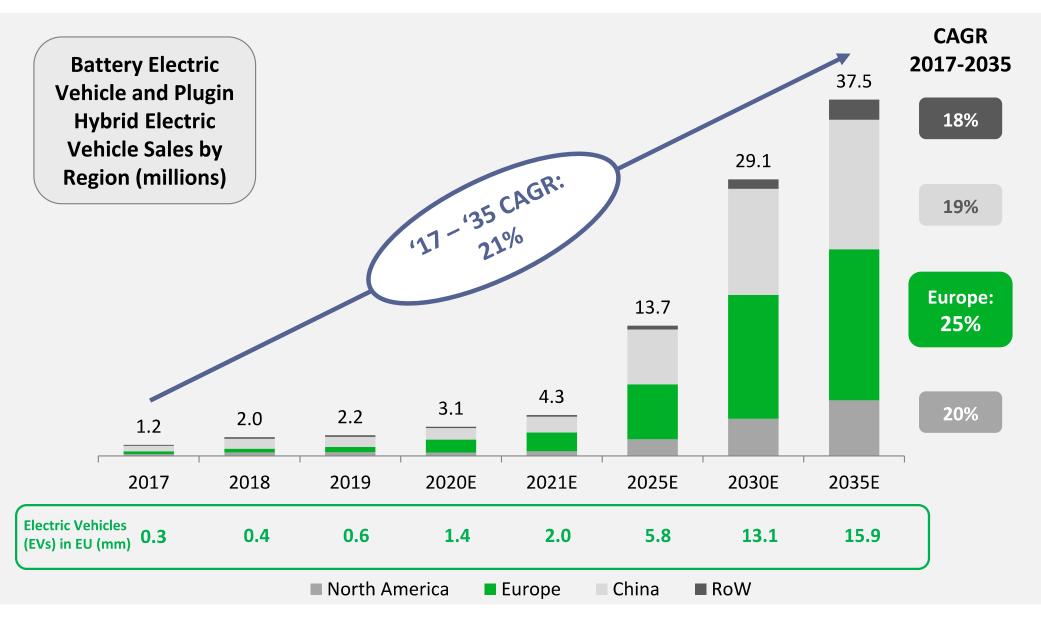
Dr. Scherer
CEO – AMG Lithium GmbH

- ➤ Joined AMG in 2019
- Diplom-Ingenieur from the Technische Universität
 Darmstadt and doctorate degree from Goethe University

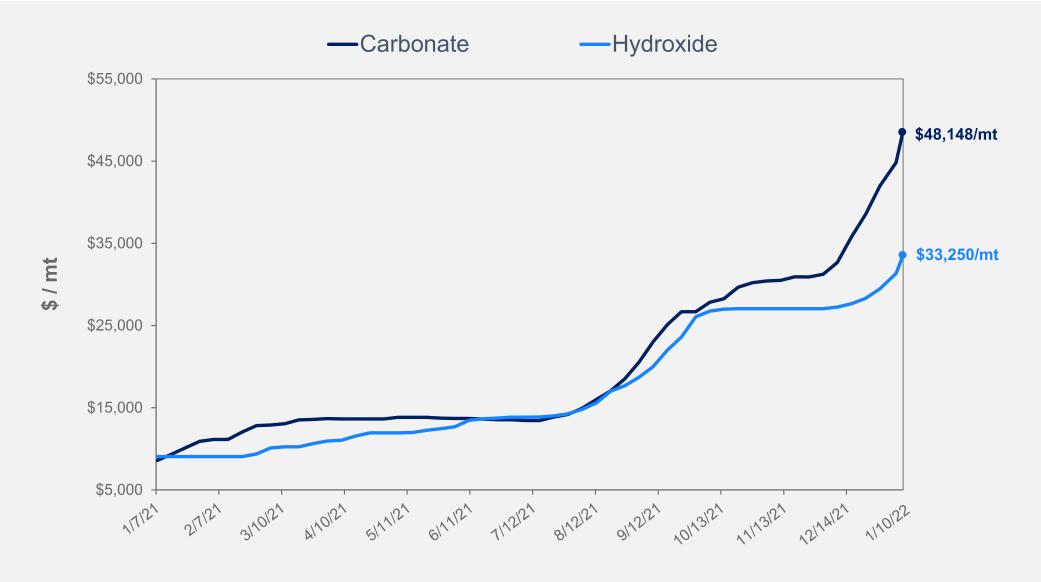
Downstream Growth Strategy



EUROPE IS NOW THE FASTEST GROWING ELECTRIC VEHICLE MARKET



2021 – 2022 YTD LITHIUM PRICING

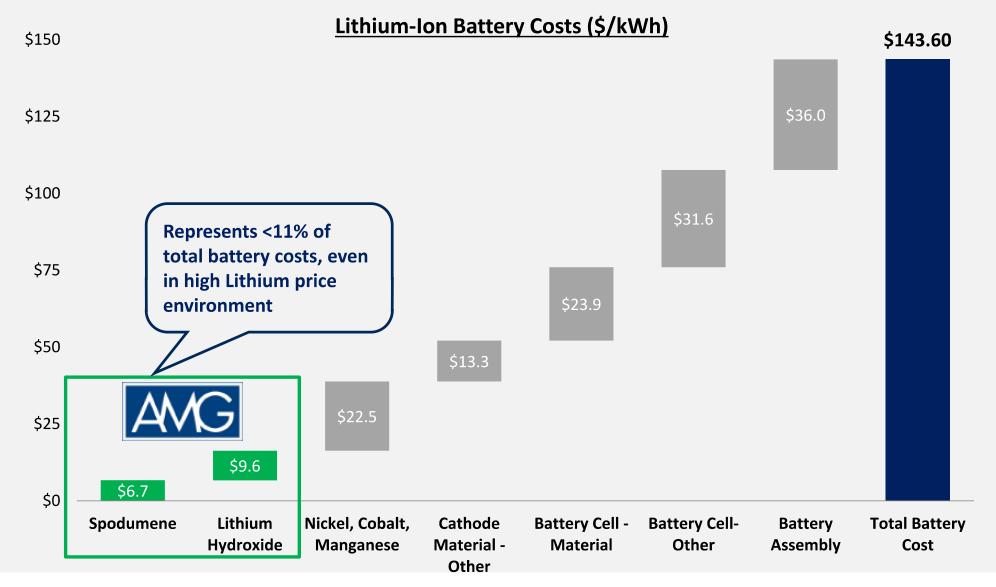


Notes

- 1. Prices are shown as weekly averages taken over the period January 1, 2021, through January 10, 2022
- Pricing Indexes: Asian Metal's Lithium Carbonate 99.5%min China RMB/mt, converted to \$/mt; and Asian Metal's Lithium Hydroxide Monohydrate LiOH 56.5%min, Magnets 0.0001%max FOB China USD/kg, converted to \$/mt



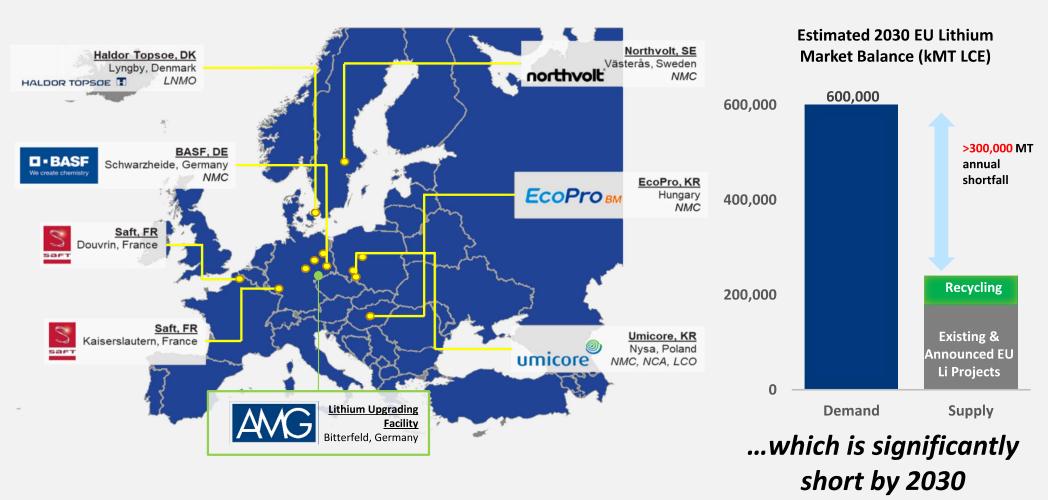
LITHIUM-ION BATTERY COST STRUCTURE ESTIMATE





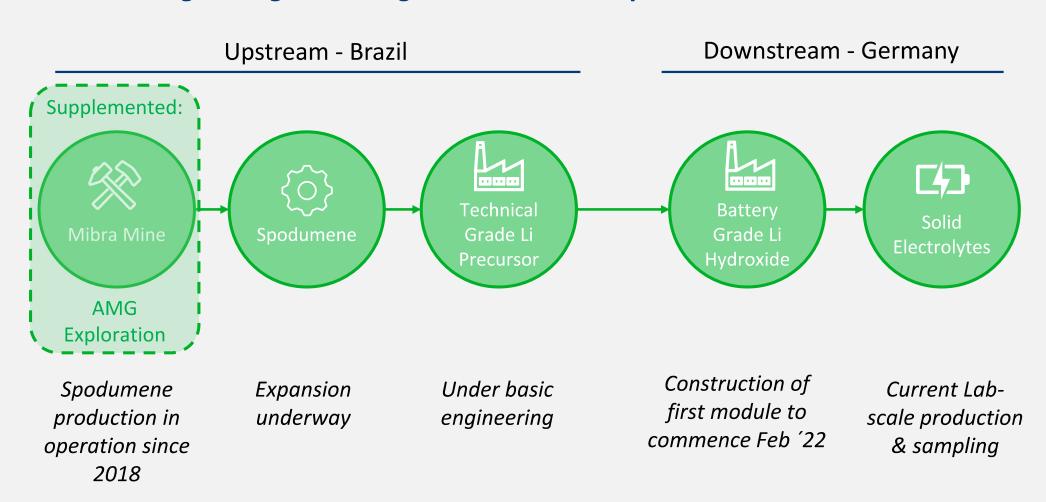
EU MARKET TO REQUIRE SIGNIFICANT AMOUNT OF BATTERY-GRADE LITHIUM HYDROXIDE

AMG will be the first in-region producer, serving the growing EU cathode material market...

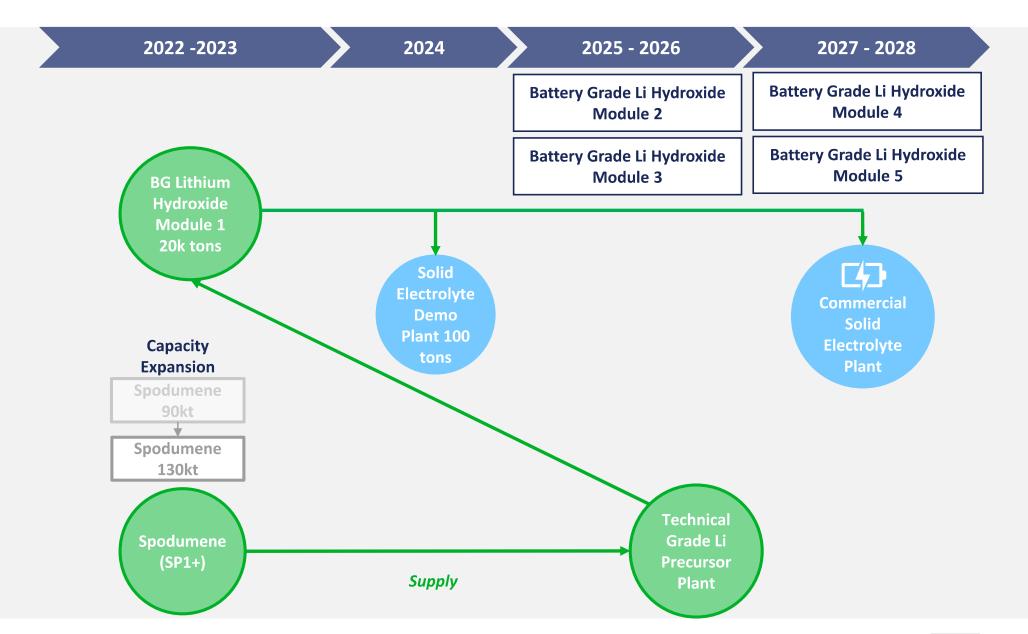


AMG'S LITHIUM VALUE CHAIN

From mining through to next generation lithium products



MODULAR EXPANSION PLANS TO MEET GROWING DEMAND



CREATING A PURE PLAY LITHIUM COMPANY: AMG LITHIUM

- Separation of AMG's lithium value chain into a standalone company is underway
- Strong balance sheet and free cash flow from spodumene operations funding organic growth projects...
- ...However, potential additional investments exceed projected cash flow generation

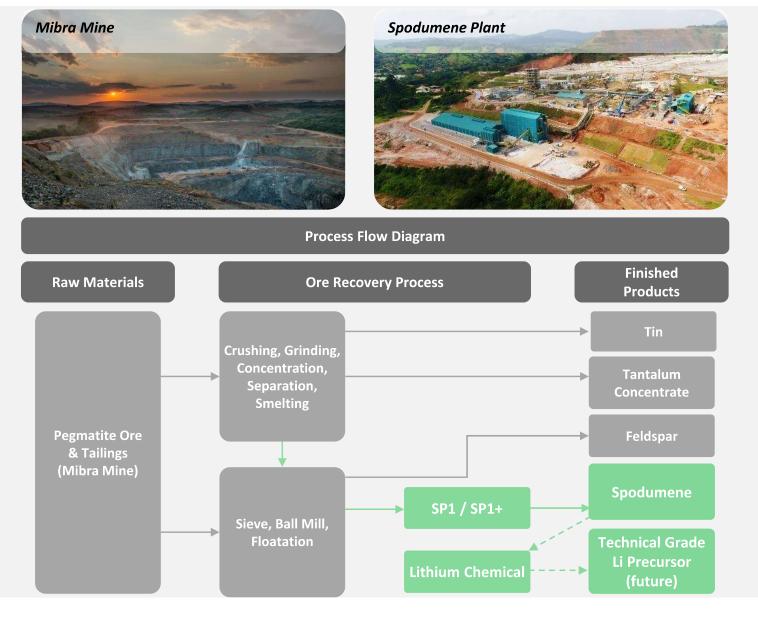
Three strategic alternatives:

- I. Maintain 100% ownership (finance growth with current funding and operating cash flow)
- II. Invite complementary strategic partner for a significant minority stake
- III. IPO





BRAZIL OPERATIONS OVERVIEW



- Low-cost, multimineral mining and processing operations
- Estimated remaining mine life of 17 years

AMG MIBRA MINE'S ESG COMMITMENT

Environmental	 Energy storage materials provides substantial productivity enhancement to renewable energy production Business plan includes fundamental CO₂ reductions per ton Recently updated structural review of tailings dams and has satisfied the Church of England Mining and Tailings Safety Initiative ISO 14001 certified
Social	 Recently celebrated 1,000 days without a lost time workplace accident Leading producer of 'conflict-free' raw materials Significant investments made into the local community
Governance	 Complies with the strict requirements laid out by its third-party ISO 9001 (Quality Management System), 14001 (Environmental Management System), and 45001 (Occupational Health and Safety Management System) certifications

TRACK RECORD OF EHS EXCELLENCE



SUCCESSFUL RAMP UP OF SPODUMENE PRODUCTION





On time

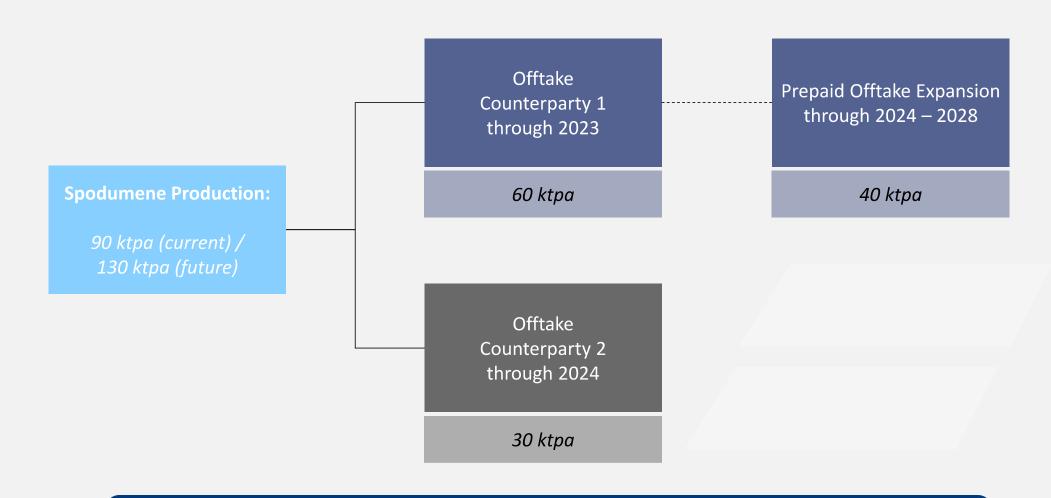


On-budget



Operating cost target achieved

LONG-TERM, INDEX-PRICED SALES CONTRACTS

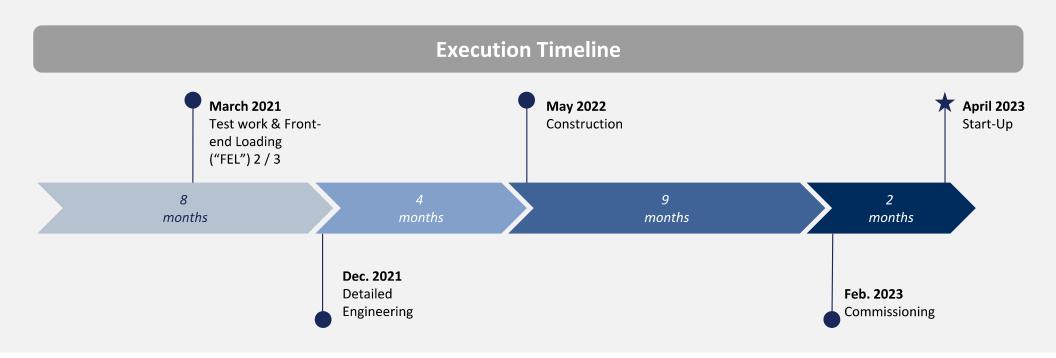


Spodumene production to be vertically integrated with a Technical Grade Li precursor plant after 2026

LITHIUM CONCENTRATE EXPANSION OVERVIEW (SPODUMENE 1+)

Spodumene Plant Expansion

- Capacity increase from 90 ktpa to 130 ktpa
- Absence of technical risk
- Expected operational improvements



TECHNICAL GRADE LITHIUM PRECURSOR OVERVIEW

Technical Grade Lithium Precursor Plant

- Basic engineering underway
- Target capacity of 16.5 ktpa
- Focus on producing an interim technical lithium precursor material



AMG EXPLORATION

AMG is uniquely positioned to help develop and commercialize lithium deposits globally

Technical **Expertise**

- ✓ Operational experience
- ✓ De-risking project development
- ✓ Downstream value chain expertise



AMG possesses the know-how from first ore through construction and operations

Commercial Access

- √ Project financing expertise
- ✓ Vertical integration

Lithium Concentrate (Spodumene) Conversion

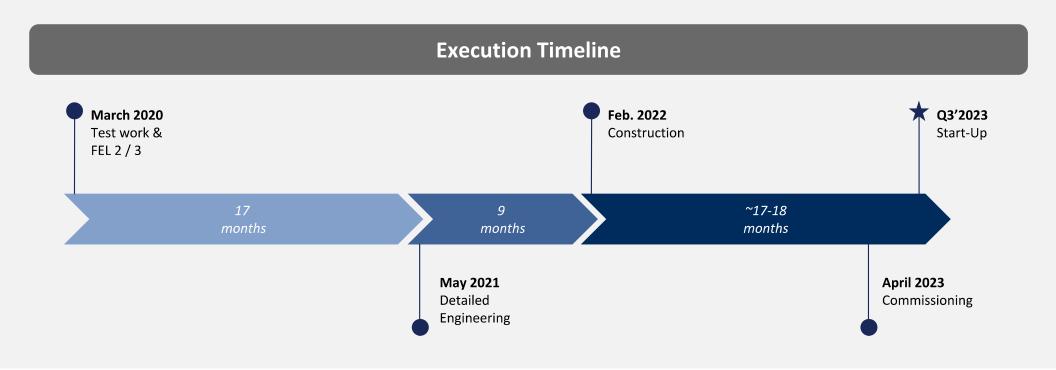
Spodumene Refining into Technical Li
Precursor

Technical Grade Li Precursor Upgrading into Battery Grade Li Hydroxide AMG has expansion capabilities in all areas of the covered lithium value chain



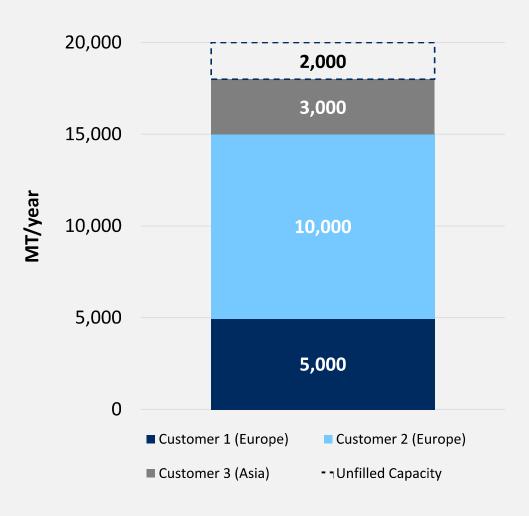
OVERVIEW OF LITHIUM UPGRADING FACILITY IN GERMANY

- Production of highly-refined, battery-grade Lithium hydroxide
- Located in Bitterfeld/Germany in an industrial chemical park
- Module 1 with 20,000 MT capacity, further modules up to 100,000 MT
- Expected capex of \$120 million for module 1, \$75 million per modules 2-5



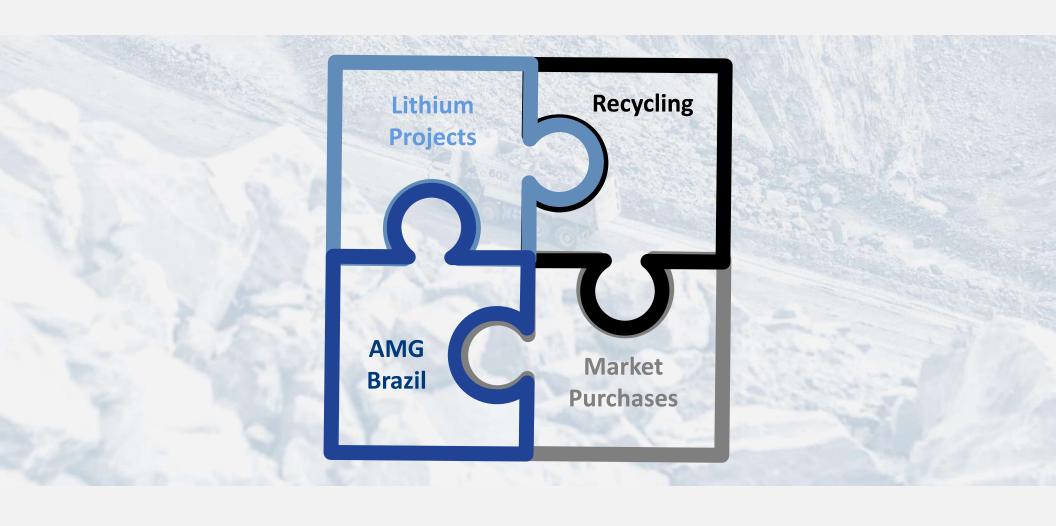
LITHIUM HYDROXIDE OFFTAKE ARRANGEMENTS: 90% OF CAPACITY CURRENTLY UNDER MOU

Existing offtakes/MoUs:



- Executed MoUs cover up to 90% of module #1 capacity
- Discussions with all key European Cathode Active Materials producing plants are ongoing

INTEGRATED FEEDSTOCK SOURCING STRATEGY



LONG TERM: INTEGRATED LI-ION BATTERY MATERIALS DEVELOPMENT TOWARDS ALL-SOLID-STATE BATTERIES

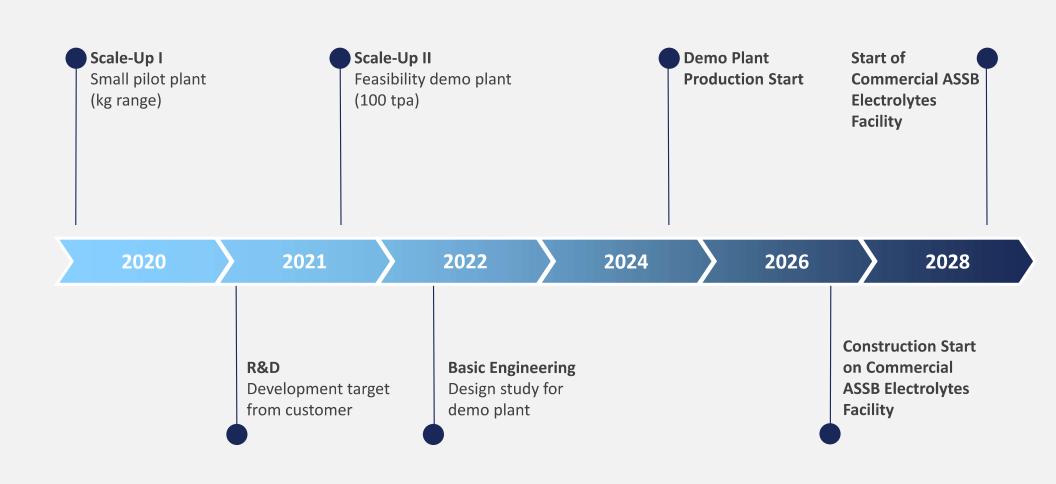
"From Lithium hydroxide to higher value Lithium performance materials"

Why solid electrolytes for Lithium-ion batteries?



AMG is focusing on developing Sulfur based solid electrolytes and precursors in line with All-Solid-State Battery peers' technology.

DEVELOPMENT UNDERWAY: EXECUTION TIMELINE FOR ALL SOLID STATE BATTERIES (ASSB) ELECTROLYTES



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Thank You Q&A













