

SAFETY PERFORMANCE



• 2021 year-to-date results demonstrate a 5% improvement in lost time rate and a 6% weakening in total incident rate from 2020 year-end.

SAFETY FOCUS Q1 2021

SAFETY INDICATORS

At the end of Q1 2021, lost time incident rate was down 38% while total incident rate is down 20% from Q1 2020.

YEAR	LOST TIME INCIDENTS IN THE LAST 12 MONTHS	12 MONTH AVERAGE LOST TIME INCIDENT RATE	12 MONTH AVERAGE TOTAL INCIDENT RATE
2020 TTM March	24	0.89	1.39
2021 TTM March	15	0.59	1.11



Rigorous commitment to safety reflected in continually improving safety records

NEW SEGMENTS

CLEAN ENERGY MATERIALS CRITICAL MINERALS CRITICAL MATERIALS TECHNOLOGIES **BUSINESS UNITS** Lithium Silicon **Titanium Alloys Tantalum Antimony Engineering** Vanadium **Graphite Superalloys** PRIMARY MARKETS Energy Recycling Infrastructure Specialty metals Recycling

CHARACTERISTICS

Storage

- Energy storage materials
- Growth in recycling
- Global expansion in vanadium from refinery residues
- · Business model similarity

and chemicals

- Global leader in graphite processing
- · Sole silicon metal producer in Germany

Infrastructure

Largest provider of antimony flame retardants in Europe

Traditional focus on aerospace

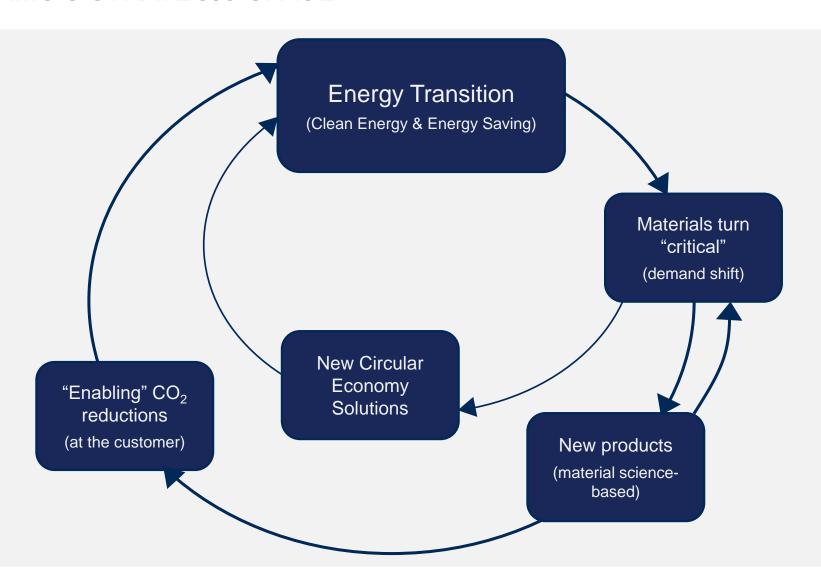
Renewable

Energy

Aerospace

- Project engineering and procurement demand within AMG
- US-based critical materials sourcing efforts (titanium alloys and chrome metal)

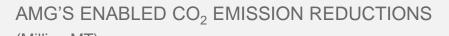
AMG'S STRATEGIC SPACE

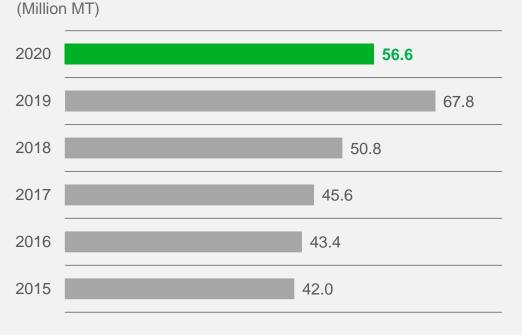


LIFE CYCLE ANALYSIS (LCA) IN CIRCULAR ECONOMY



ECO₂RP IS THE PORTFOLIO OF AMG'S PRODUCTS ENABLING CO₂ REDUCTION







23% revenue contribution by ECO_2RP products in 2020 (up from 8% in 2010) 28% gross profit contribution by ECO_2RP products in 2020 (up from 5% in 2010)

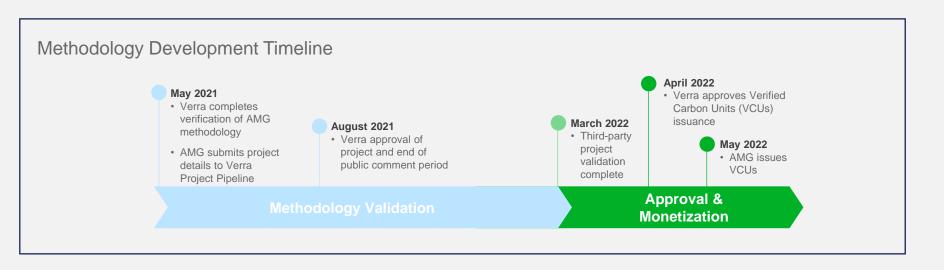
THE **ECO₂RP** "LOBBY"

A STRONG PIPELINE OF LCA CANDIDATES TO BE ADDED TO THE ECO₂RP WILL ENABLE FURTHER CO₂ EMISSION REDUCTION...

LCA candidates enabling further CO₂ reduction (Million MT) MOx Fuels, nuclear power to replace coal in China Titanium aluminides, enabling fuel 10 savings (higher operating temperatures) Nickel based super alloys (recycling production scrap) ECO₂RP pipeline Vanadium Pentoxide (V₂O₅) of LCA candidates 13 **Lithium Tailings** Microsilica in high-quality cement 15 **Scrap Revert Titanium**

VERIFIED CARBON STANDARD METHODOLOGY DEVELOPMENT

- AMG is in the final stages of publishing a Verified Carbon Standard (VCS) methodology, which
 would allow certified AMG projects to turn their greenhouse gas emission reductions into
 tradeable carbon credits
- AMG is working in conjunction with Verra, a global leader in the development of standards and frameworks, for achieving sustainable development targets
 - To date, Verra has worked with over 1,600 registered projects in over 82 countries, generating more than 450 million carbon credits

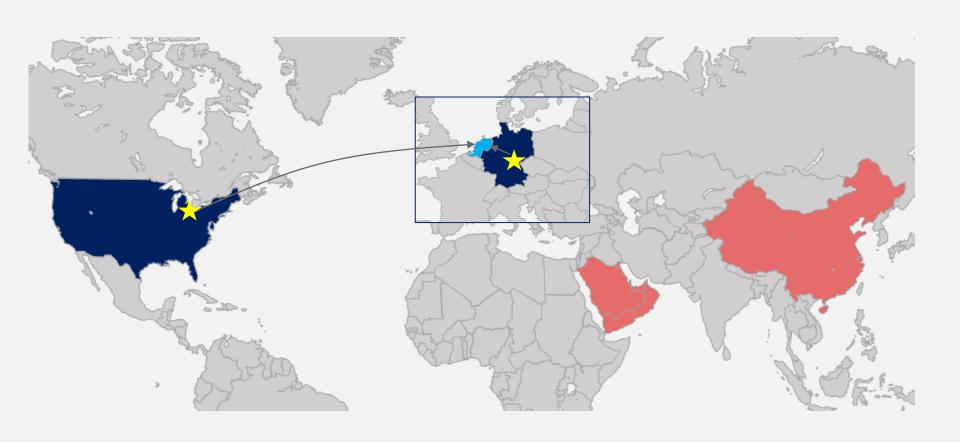


2020: VANADIUM EXPANSION



SHELL AMG RECYCLING (SAR) PROJECTS







Technology License

2020: LITHIUM VALUE CHAIN EXPANSION



AMG LITHIUM GMBH



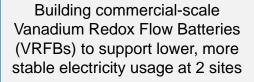
AMG CAPITAL RAISE

€100M+

AMG raised in excess of €100M to fund environmentally sustainable projects in the Clean Energy Materials business

Next Generation Battery Technologies







Building a battery grade lithium hydroxide plant in Bitterfeld,
Germany to supply the
European EV battery market

Circular Economies



Additional spent catalyst recycling capacity to produce ferrovanadium, supporting Green infrastructure

LONG-TERM GUIDANCE







This announcement appears as a matter of record.



AMG's LAW:

"Everything that can be recycled will be recycled."

AMG ADVANCED METALLURGICAL GROUP N.V. amg-nv.com



